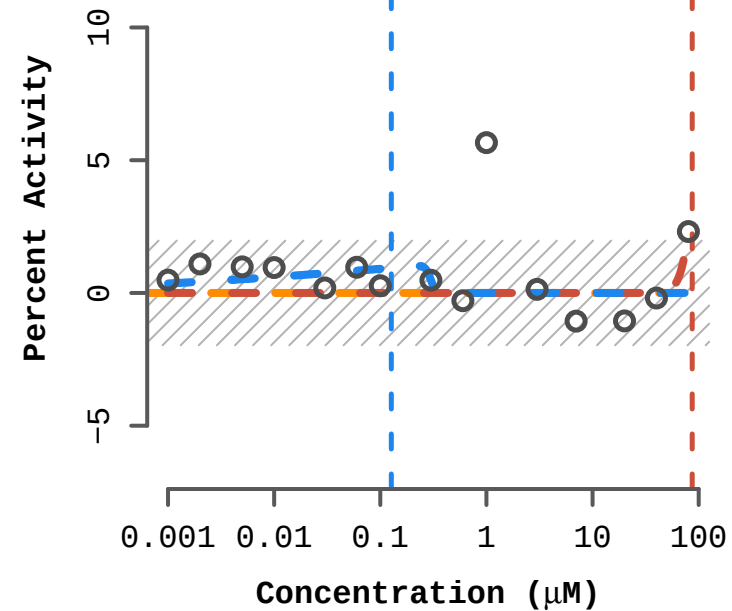




ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acetaminophen

CHID: 20006 CASRN: 103-90-2

SPID(S): Tox21_201930

M4ID: 11453882

HILL MODEL (in red):

	tp	ga	gw
val:	6.79	1.94	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

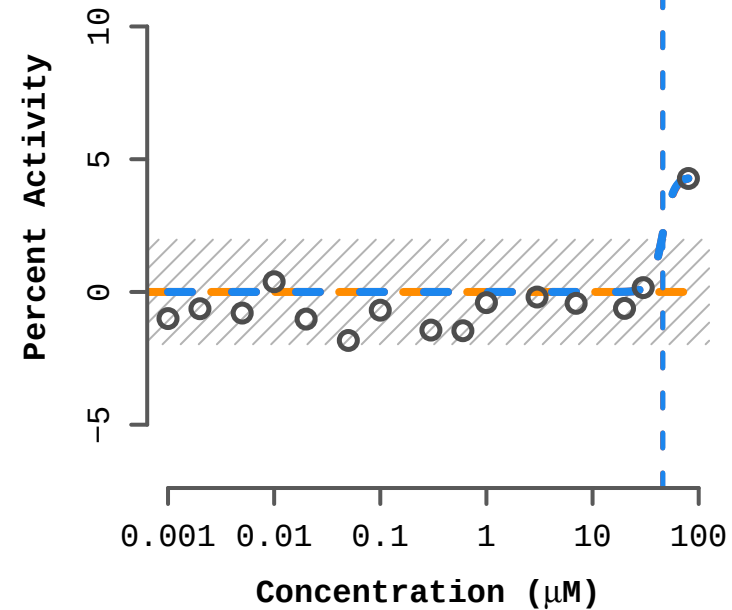
	tp	ga	gw	la	lw
val:	1.89	-0.896	0.3	-0.528	17.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	54.46	55.34	60.03
PROB:	0.59	0.38	0.04
RMSE:	1.72	1.61	1.66

MAX_MEAN: 5.66

MAX_MED: 5.66

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acetohexamide

CHID: 20007 CASRN: 968-81-0

SPID(S): Tox21_202022

M4ID: 11453790

HILL MODEL (in red):

	tp	ga	gw
val:	4.32	1.66	8
sd:	1.85	0.927	32.8

GAIN-LOSS MODEL (in blue):

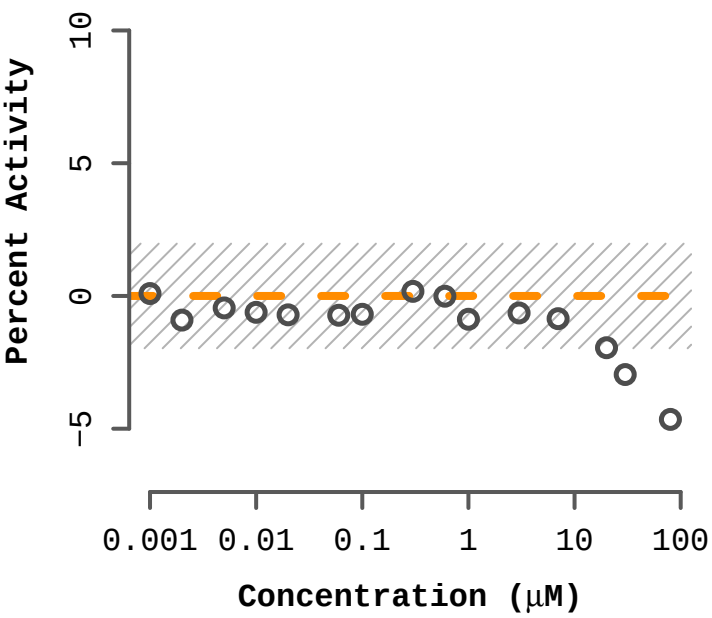
	tp	ga	gw	la	lw
val:	4.58	1.66	8	3.42	0.815
sd:	51.7	0.957	32.6	133	78.5

	CNST	HILL	GNLS
AIC:	52.42	48.58	52.58
PROB:	0.11	0.78	0.11
RMSE:	1.42	0.89	0.89

MAX_MEAN: 4.28

MAX_MED: 4.28

BMAD: 0.657



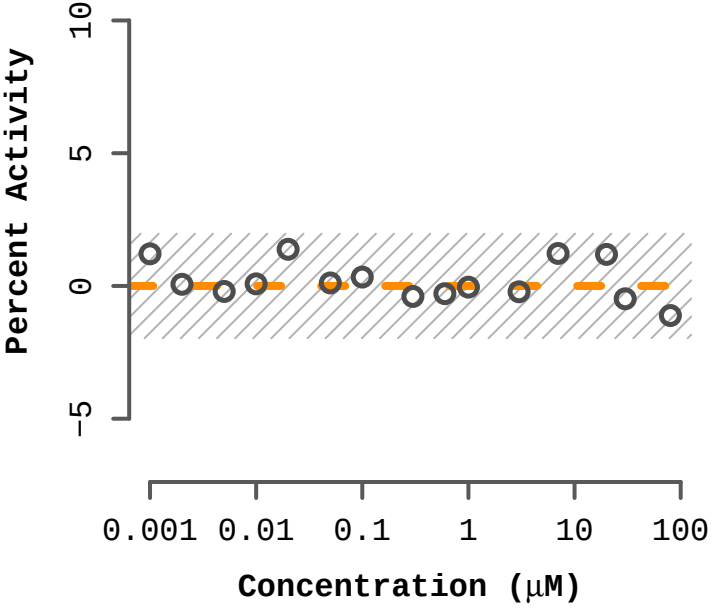
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acifluorfen
CHID: 20022 CASRN: 50594-66-6
SPID(S): Tox21_201839
M4ID: 11453973

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	55.49	NA	NA
PROB:	1	NA	NA
RMSE:	1.61	NA	NA
MAX_MEAN:	0.174	MAX_MED: 0.174	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acrylamide

CHID: 20027 **CASRN:** 79-06-1

SPID(S): Tox21_201526

M4ID: 11454286

HILL MODEL: Not applicable.

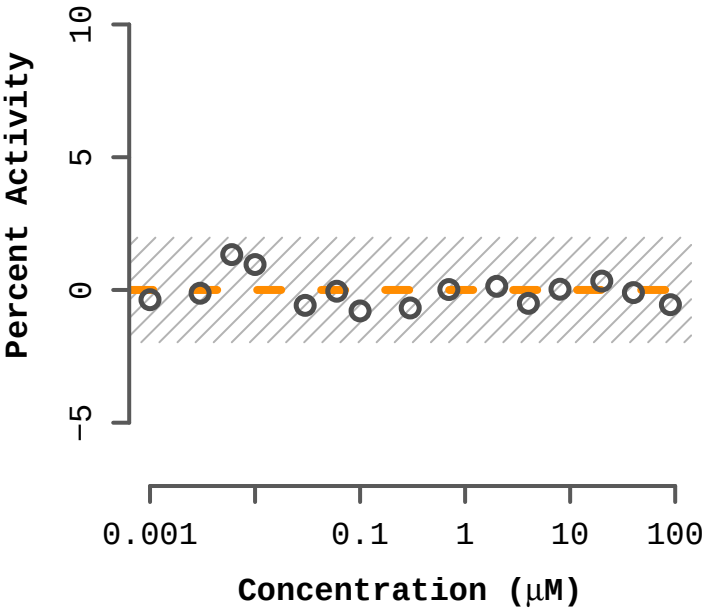
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.25	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 1.38

MAX_MED: 1.38

BMAD: 0.657



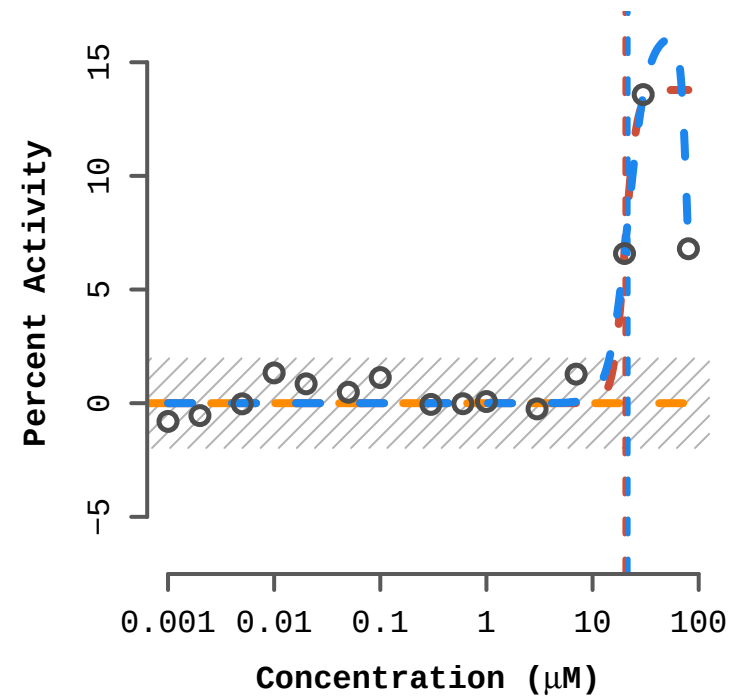
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acrylonitrile
CHID: 20029 **CASRN:** 107-13-1
SPID(S): Tox21_202076
M4ID: 11453736

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.53	NA	NA
PROB:	1	NA	NA
RMSE:	0.58	NA	NA
MAX_MEAN:	1.33	MAX_MED:	1.33
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Aldrin

CHID: 20040 CASRN: 309-00-2

SPID(S): Tox21_202072

M4ID: 11453740

HILL MODEL (in red):

	tp	ga	gw
val:	13.8	1.31	8
sd:	1.11	0.0139	3.65

GAIN-LOSS MODEL (in blue):

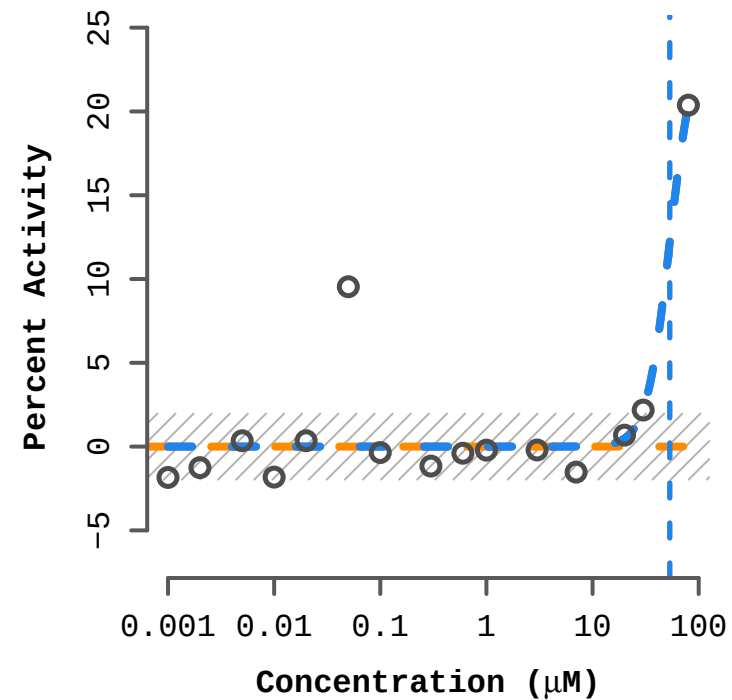
	tp	ga	gw	la	lw
val:	16.3	1.33	4.87	1.89	14.3
sd:	1.54	0.0217	1.15	0.00643	8.48

	CNST	HILL	GNLS
AIC:	80.05	56.47	42.27
PROB:	0	0	1
RMSE:	4.33	1.92	0.66

MAX_MEAN: 13.6

MAX_MED: 13.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Allantoin

CHID: 20043 CASRN: 97-59-6

SPID(S): Tox21_202087

M4ID: 11453725

HILL MODEL (in red):

	tp	ga	gw
val:	24.5	1.73	3.98
sd:	15.4	0.275	3.14

GAIN-LOSS MODEL (in blue):

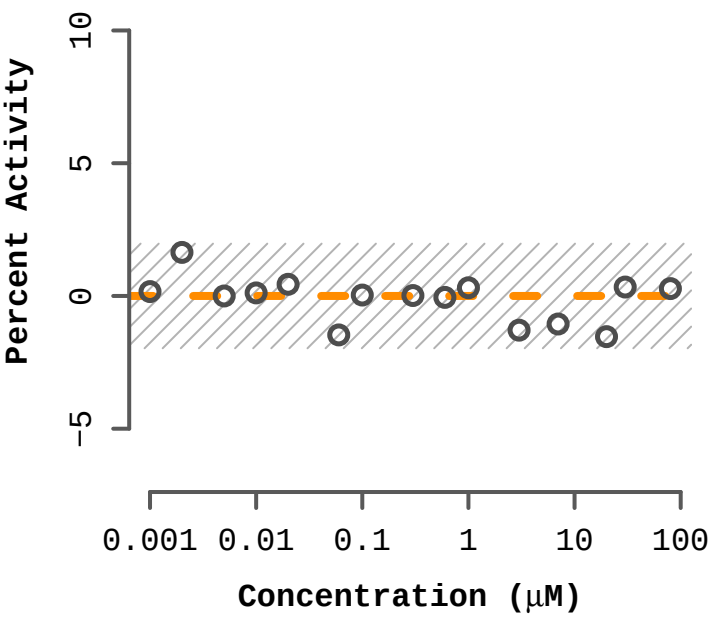
	tp	ga	gw	la	lw
val:	24.5	1.73	3.98	3.39	4
sd:	15.4	0.276	3.14	577	1560

	CNST	HILL	GNLS
AIC:	83.12	65.55	69.55
PROB:	0	0.88	0.12
RMSE:	5.91	2.63	2.63

MAX_MEAN: 20.4

MAX_MED: 20.4

BMAD: 0.657



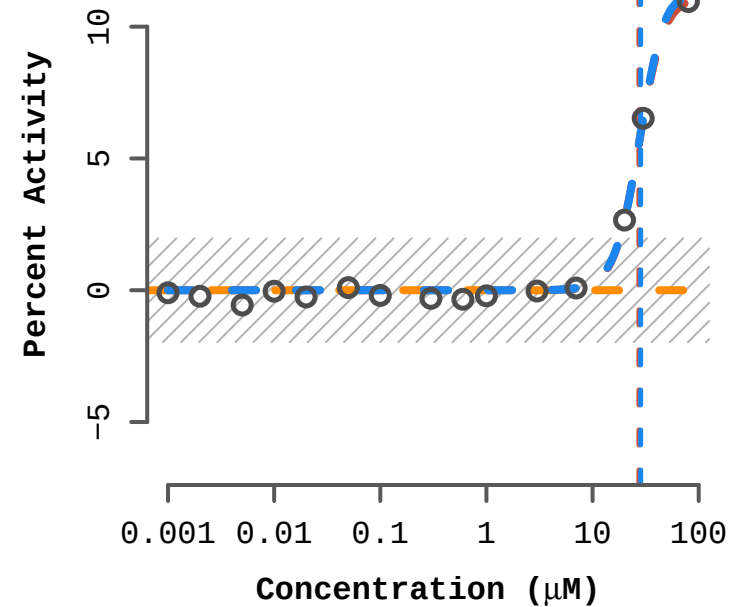
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Allyl isothiocyanate
CHID: 20047 CASRN: 57-06-7
SPID(S): Tox21_202249
M4ID: 11453563

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.16	NA	NA
PROB:	1	NA	NA
RMSE:	0.84	NA	NA
MAX_MEAN:	1.64	MAX_MED: 1.64	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Amino-2-methylantraquinone

CHID: 20057 CASRN: 82-28-0

SPID(S): Tox21_201681

M4ID: 11454131

HILL MODEL (in red):

	tp	ga	gw
val:	11.2	1.44	3.7
sd:	0.159	0.00716	0.234

GAIN-LOSS MODEL (in blue):

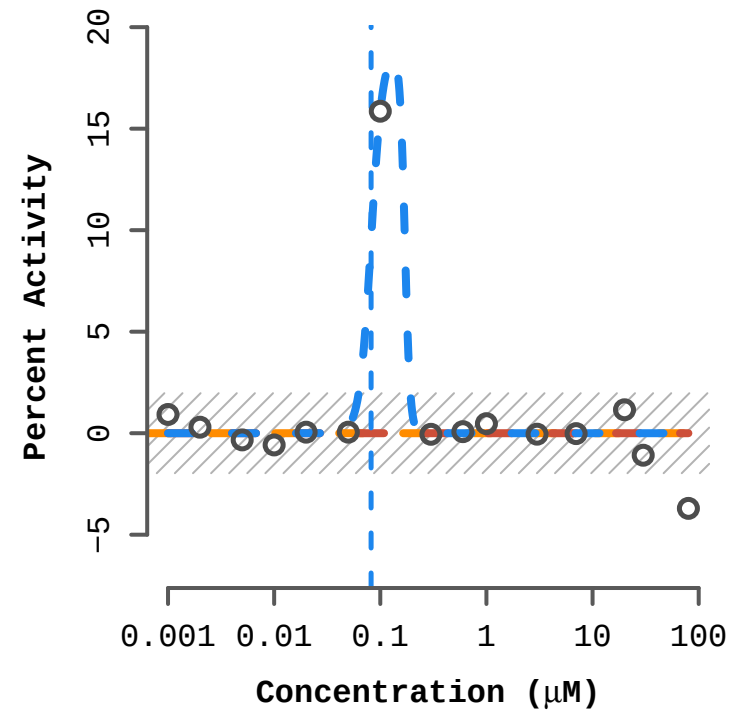
	tp	ga	gw	la	lw
val:	11.9	1.45	3.55	2.32	2.88
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	66.46	5.3	9.29
PROB:	0	0.88	0.12
RMSE:	3.37	0.22	0.22

MAX_MEAN: 11

MAX_MED: 11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Amino-4-nitrophenol
CHID: 20062 CASRN: 99-57-0
SPID(S): Tox21_201351
M4ID: 11454461

HILL MODEL (in red):

	tp	ga	gw
val:	0.000143	2.4	7.98
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

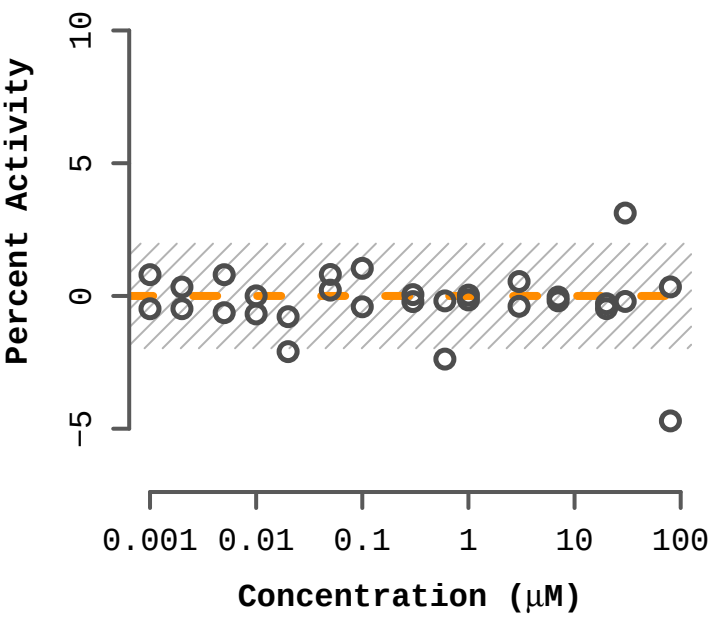
	tp	ga	gw	la	lw
val:	19	-1.09	8	-0.768	17.8
sd:	2.88	0.0312	2.42	1.27	94.8

	CNST	HILL	GNLS
AIC:	63.83	69.83	49.1
PROB:	0	0	1
RMSE:	4.24	4.24	1.09

MAX_MEAN: 15.9

MAX_MED: 15.9

BMAD: 0.657



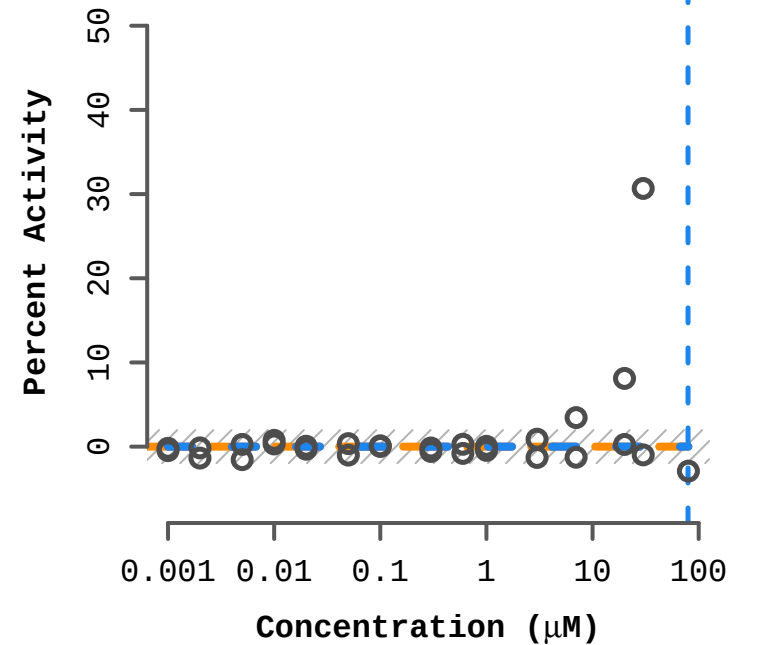
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Amino-5-nitrophenol
CHID: 20063 **CASRN:** 121-88-0
SPID(S): Tox21_400036
M4ID: 11453312

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	87.84	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.27	NA	NA	
MAX_MEAN:	1.46	MAX_MED:	1.46	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Amino-2-nitrophenol

CHID: 20064 CASRN: 119-34-6

SPID(S): Tox21_400027

M4ID: 11453321 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	40.8	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

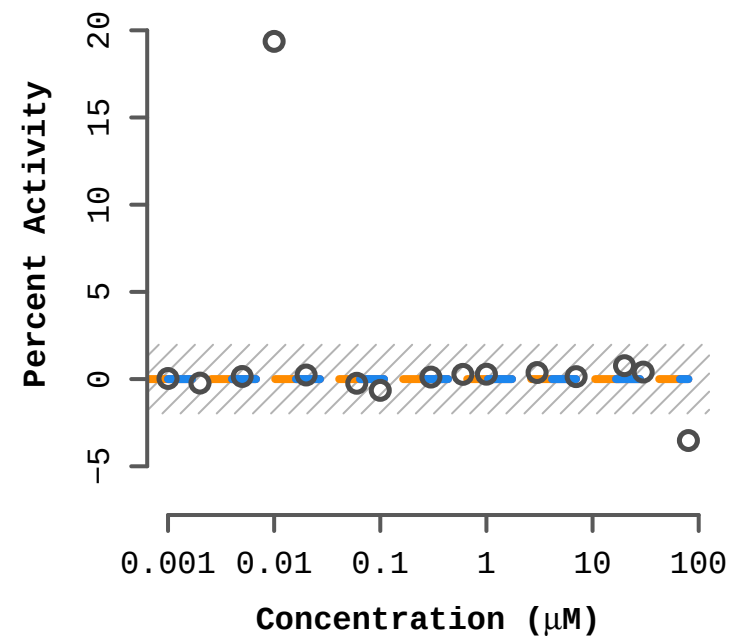
	tp	ga	gw	la	lw
val:	4.23e-09	1.9	7.99	2.3	0.484
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	167.46	173.47	177.46
PROB:	0.95	0.05	0.01
RMSE:	19.51	19.51	19.51

MAX_MEAN: 49.5

MAX_MED: 49.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Amino-5-nitrothiazole

CHID: 20066 CASRN: 121-66-4

SPID(S): Tox21_202377

M4ID: 11453435

HILL MODEL (in red):

	tp	ga	gw
val:	0.00434	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

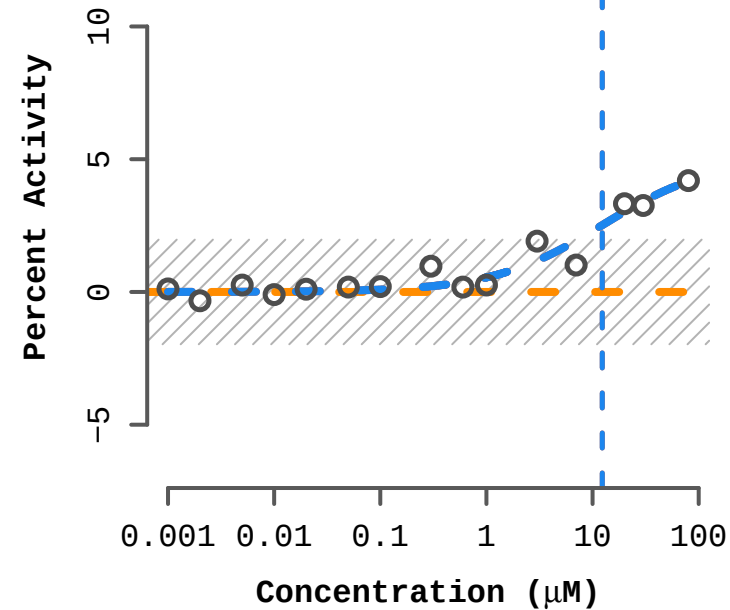
	tp	ga	gw	la	lw
val:	11.8	-4.93	0.866	-4.67	16.5
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	60.48	66.48	70.48
PROB:	0.95	0.05	0.01
RMSE:	5.09	5.09	5.09

MAX_MEAN: 19.4

MAX_MED: 19.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Aminoanthraquinone

CHID: 20068 CASRN: 117-79-3

SPID(S): Tox21_201521

M4ID: 11454291

HILL MODEL (in red):

	tp	ga	gw
val:	5.04	1.09	0.837
sd:	1.02	0.305	0.269

GAIN-LOSS MODEL (in blue):

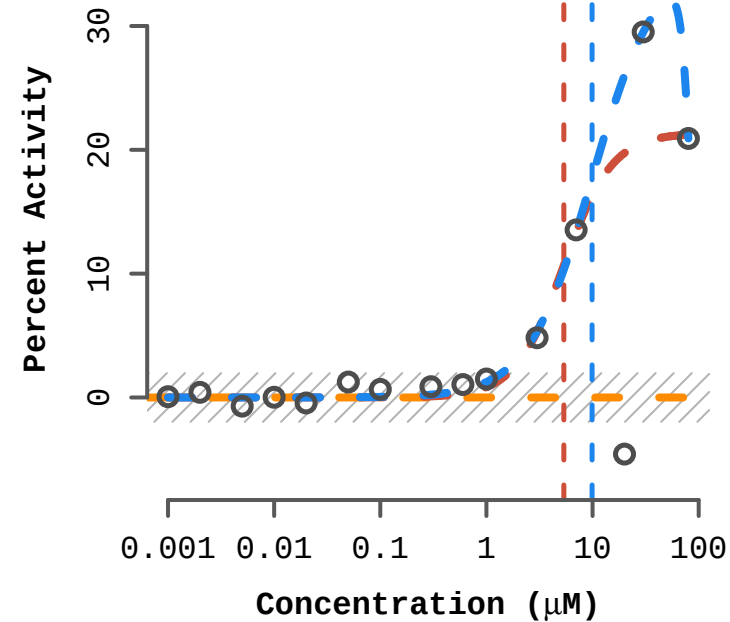
	tp	ga	gw	la	lw
val:	5.04	1.09	0.837	3.02	7.33
sd:	1.02	0.305	0.27	1680	11100

	CNST	HILL	GNLS
AIC:	58.78	22.67	26.67
PROB:	0	0.88	0.12
RMSE:	1.74	0.4	0.4

MAX_MEAN: 4.2

MAX_MED: 4.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Amino-5-azotoluene

CHID: 20069 CASRN: 97-56-3

SPID(S): Tox21_202261

M4ID: 11453551

HILL MODEL (in red):

	tp	ga	gw
val:	21.4	0.729	1.9
sd:	0.974	0.0398	0.385

GAIN-LOSS MODEL (in blue):

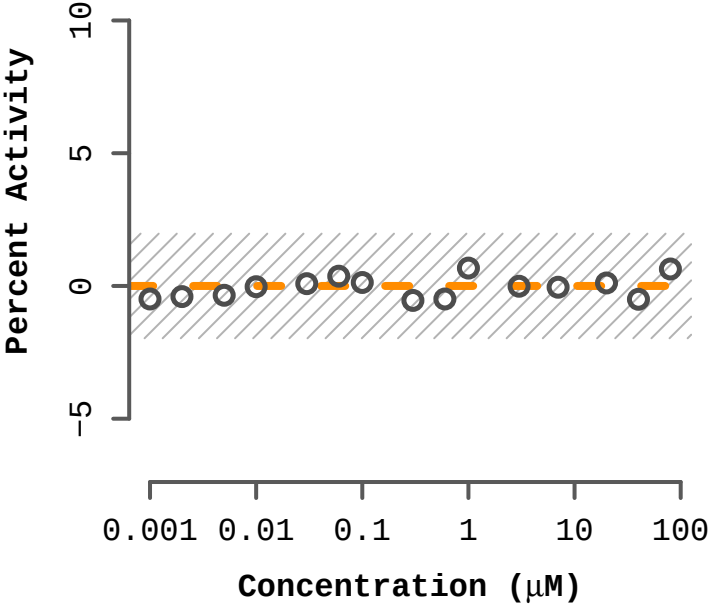
	tp	ga	gw	la	lw
val:	35.4	0.996	1.45	1.93	9.59
sd:	2.02	0.0508	0.145	0.00588	2.31

	CNST	HILL	GNLS
AIC:	106.9	83.11	68.94
PROB:	0	0	1
RMSE:	10.14	6.71	7.91

MAX_MEAN: 29.5

MAX_MED: 29.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Amitrole

CHID: 20076 CASRN: 61-82-5

SPID(S): Tox21_201782

M4ID: 11454030

HILL MODEL: Not applicable.

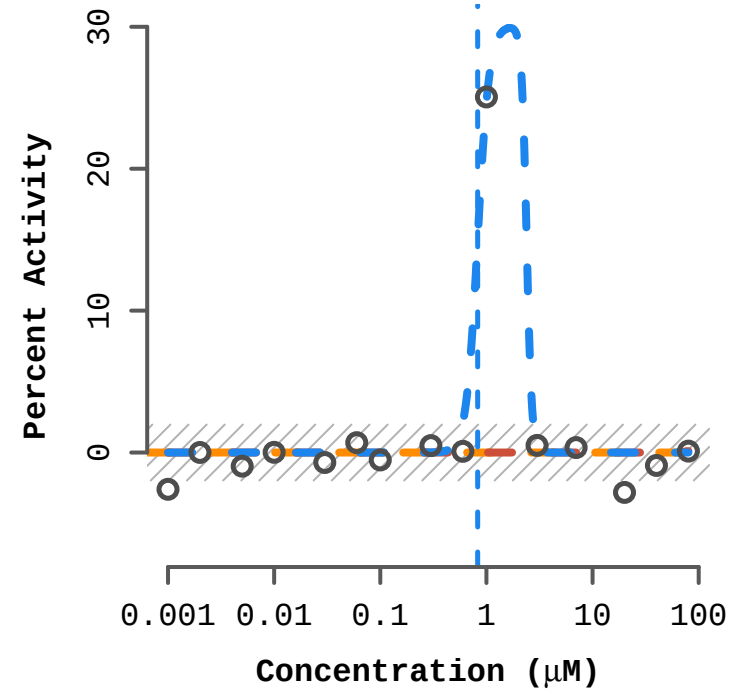
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.83	NA	NA
PROB:	1	NA	NA
RMSE:	0.4	NA	NA

MAX_MEAN: 0.674

MAX_MED: 0.674

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Anethole

CHID: 20086 CASRN: 104-46-1

SPID(S): Tox21_202001

M4ID: 11453811

HILL MODEL (in red):

	tp	ga	gw
val:	12.3	2.16	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

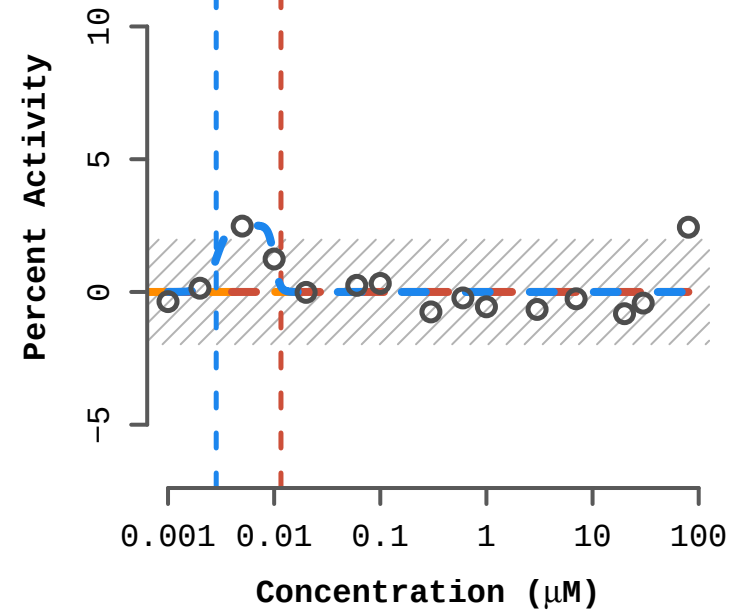
	tp	ga	gw	la	lw
val:	30.1	-0.0823	8	0.379	18
sd:	3.41	0.0284	1.86	0.753	138

	CNST	HILL	GNLS
AIC:	71.32	77.31	59.15
PROB:	0	0	1
RMSE:	6.56	6.56	1.22

MAX_MEAN: 25.1

MAX_MED: 25.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (E)-Anethole

CHID: 20087 CASRN: 4180-23-8

SPID(S): Tox21_202282

M4ID: 11453530

HILL MODEL (in red):

	tp	ga	gw
val:	4.16e-11	-1.94	1.83
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

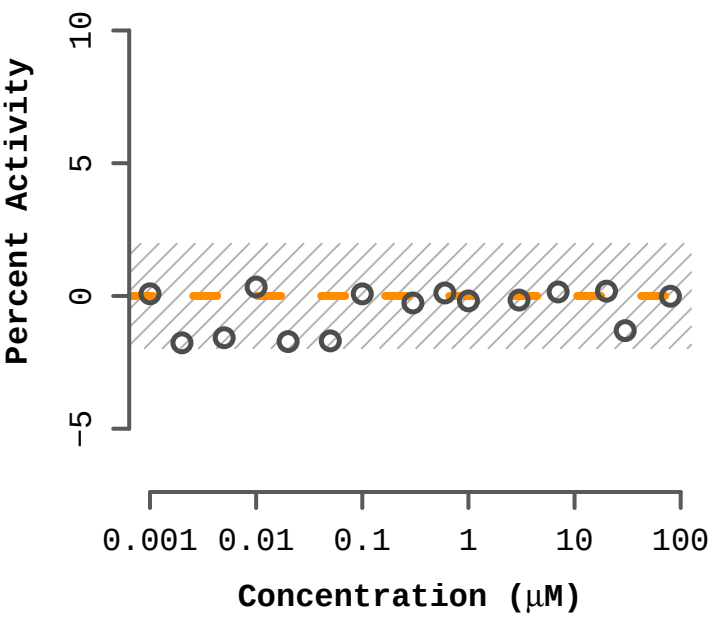
	tp	ga	gw	la	lw
val:	2.51	-2.55	8	-2	16.1
sd:	4.24	3.3	160	0.067	1500

	CNST	HILL	GNLS
AIC:	43.67	49.67	40.88
PROB:	0.2	0.01	0.79
RMSE:	1.04	1.04	0.75

MAX_MEAN: 2.48

MAX_MED: 2.48

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chloralose

CHID: 20088 CASRN: 15879-93-3

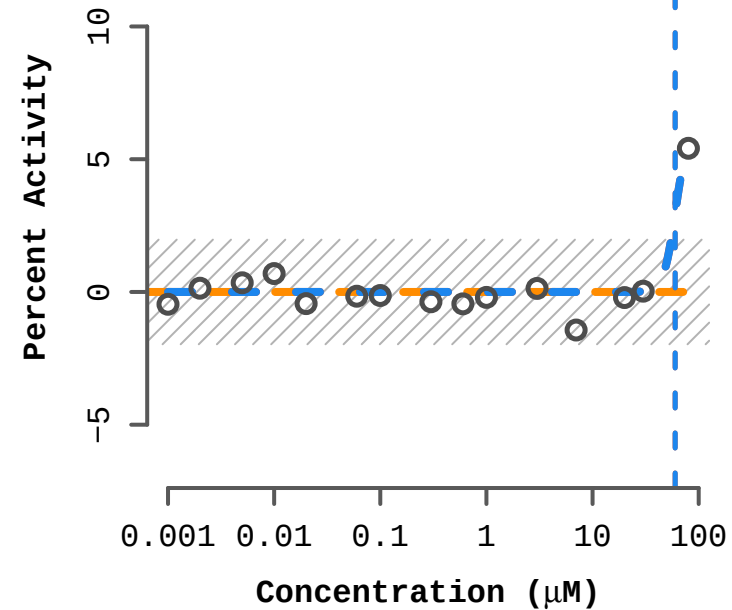
SPID(S): Tox21_201447

M4ID: 11454365

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.59	NA	NA
PROB:	1	NA	NA
RMSE:	0.95	NA	NA
MAX_MEAN:	0.338	MAX_MED: 0.338	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Aniline hydrochloride

CHID: 20091 CASRN: 142-04-1

SPID(S): Tox21_202304

M4ID: 11453508

HILL MODEL (in red):

	tp	ga	gw
val:	5.95	1.78	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

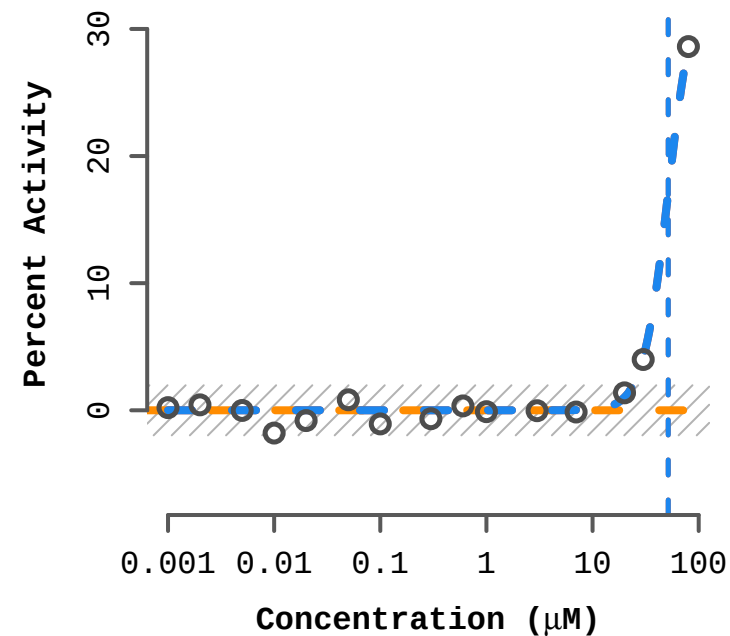
	tp	ga	gw	la	lw
val:	6.01	1.78	8	3.57	1.26
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	39.97	26.71	30.71
PROB:	0	0.88	0.12
RMSE:	1.48	0.49	0.49

MAX_MEAN: 5.41

MAX_MED: 5.41

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methoxyaniline hydrochloride

CHID: 20092 CASRN: 134-29-2

SPID(S): Tox21_201358

M4ID: 11454454

HILL MODEL (in red):

	tp	ga	gw
val:	34.3	1.71	3.67
sd:	1.38	0.0199	0.25

GAIN-LOSS MODEL (in blue):

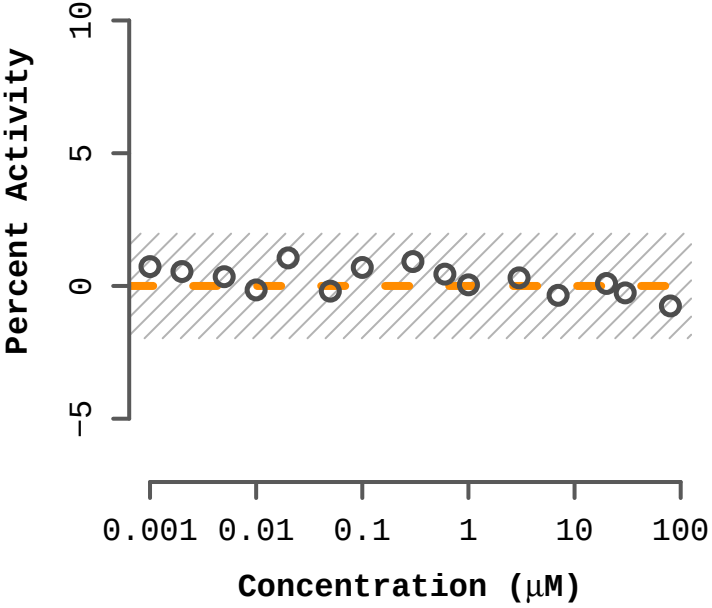
	tp	ga	gw	la	lw
val:	34.3	1.71	3.67	2.95	10.2
sd:	1.38	0.0199	0.25	15500	150000

	CNST	HILL	GNLS
AIC:	74.63	37	41
PROB:	0	0.88	0.12
RMSE:	7.5	0.67	0.67

MAX_MEAN: 28.6

MAX_MED: 28.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methoxyaniline hydrochloride

CHID: 20093 **CASRN:** 20265-97-8

SPID(S): Tox21_201498

M4ID: 11454314

HILL MODEL: Not applicable.

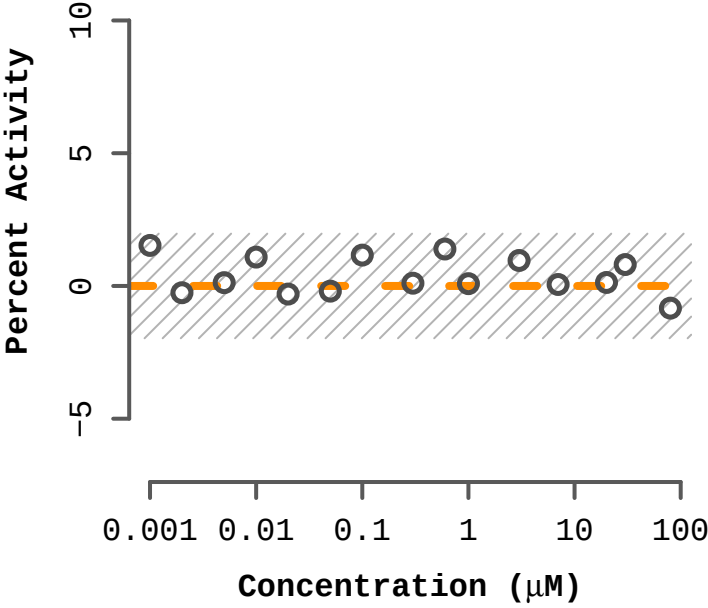
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.28	NA	NA
PROB:	1	NA	NA
RMSE:	0.55	NA	NA

MAX_MEAN: 1.06

MAX_MED: 1.06

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: L-Ascorbic acid

CHID: 20106 **CASRN:** 50-81-7

SPID(S): Tox21_202127

M4ID: 11453685

HILL MODEL: Not applicable.

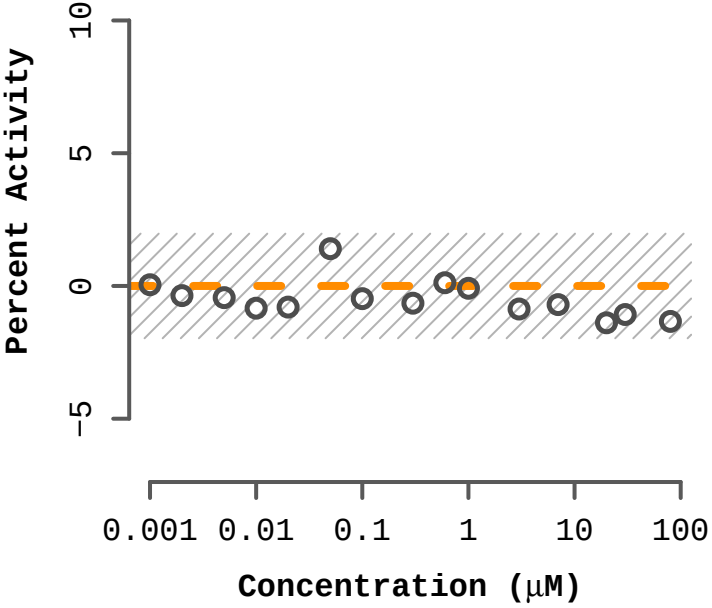
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.52	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA

MAX_MEAN: 1.53

MAX_MED: 1.53

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Aspartame

CHID: 20107 CASRN: 22839-47-0

SPID(S): Tox21_202315

M4ID: 11453497

HILL MODEL: Not applicable.

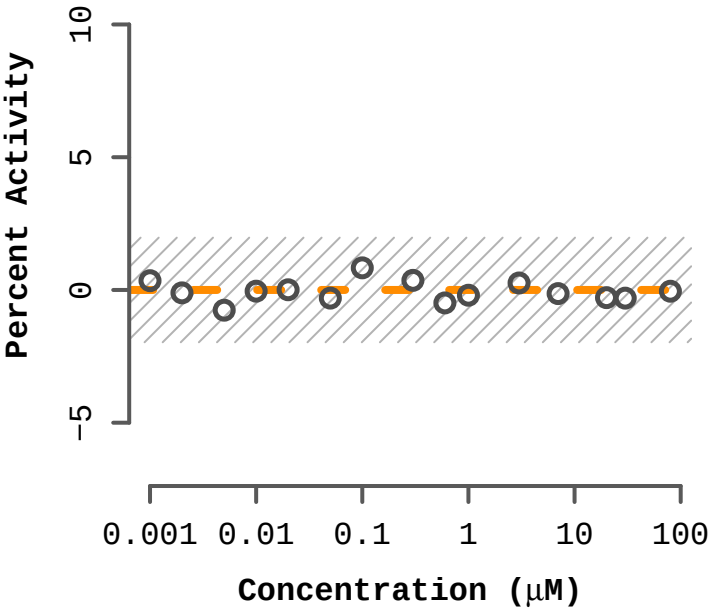
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.12	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN: 1.41

MAX_MED: 1.41

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Aspirin

CHID: 20108 CASRN: 50-78-2

SPID(S): Tox21_202117

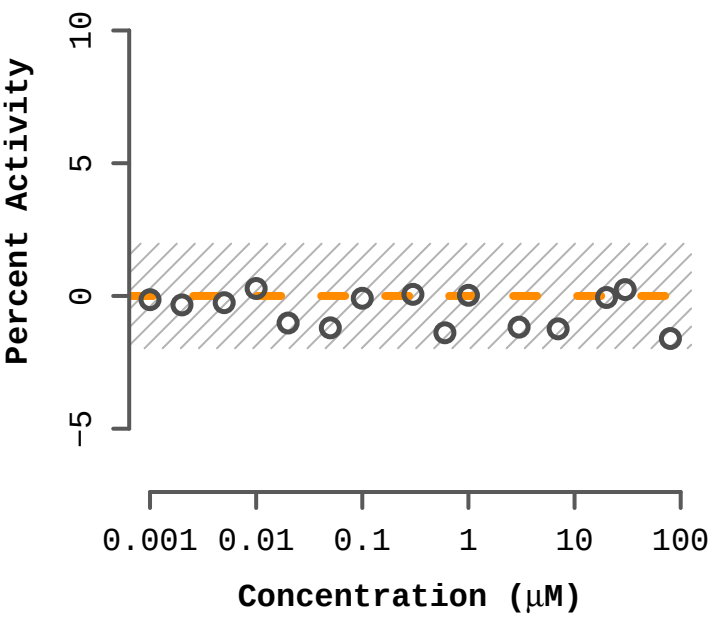
M4ID: 11453695

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	16.22	NA	NA
PROB:	1	NA	NA
RMSE:	0.38	NA	NA

MAX_MEAN: 0.834 MAX_MED: 0.834 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Atrazine

CHID: 20112 CASRN: 1912-24-9

SPID(S): Tox21_201986

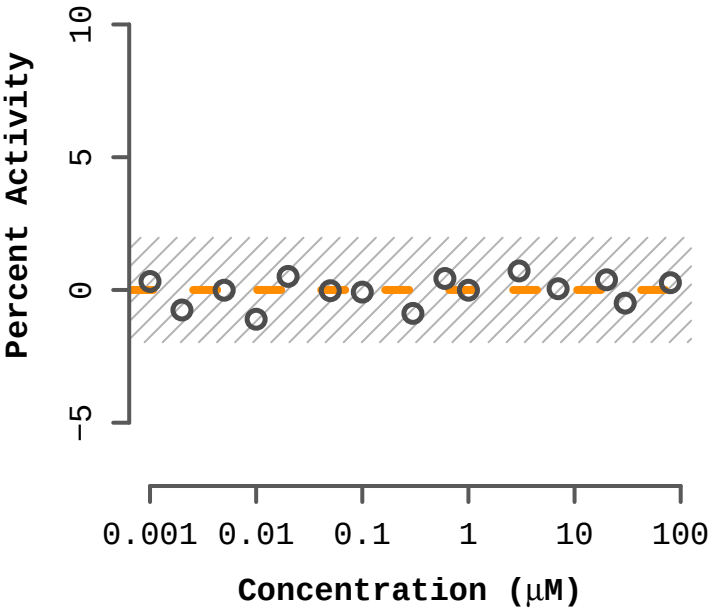
M4ID: 11453826

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.58	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN: 0.282	MAX_MED: 0.282	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

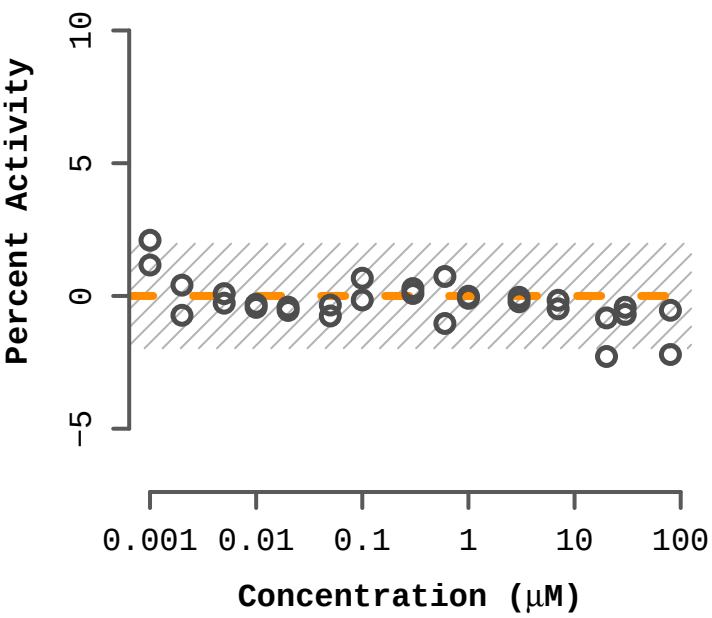
NAME: Auramine hydrochloride
CHID: 20114 CASRN: 2465-27-2
SPID(S): Tox21_202337
M4ID: 11453475

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	26.21	NA	NA
PROB:	1	NA	NA
RMSE:	0.52	NA	NA

MAX_MEAN: 0.718 MAX_MED: 0.718 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Azathioprine

CHID: 20119 **CASRN:** 446-86-6

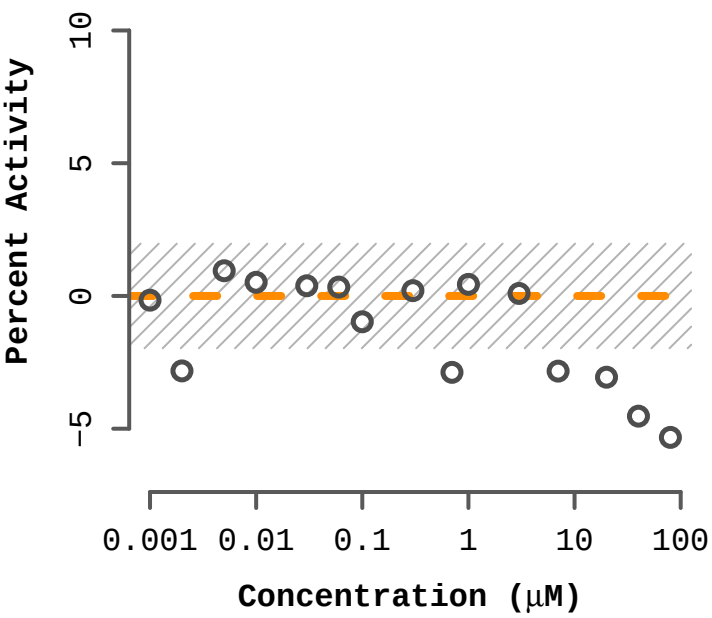
SPID(S): Tox21_400024

M4ID: 11453324

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	74.45	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.86	NA	NA	
MAX_MEAN:	1.63	MAX_MED:	1.63	
			BMAD:	0.657



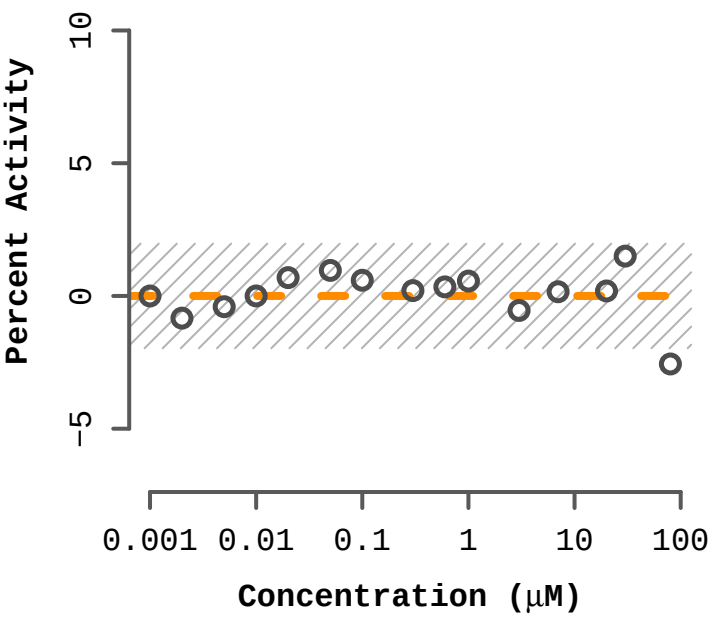
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium azide
CHID: 20121 CASRN: 26628-22-8
SPID(S): Tox21_202461
M4ID: 11453351

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	70.57	NA	NA	
PROB:	1	NA	NA	
RMSE:	2.38	NA	NA	
MAX_MEAN:	0.951	MAX_MED:	0.951	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Azinphos-methyl

CHID: 20122 **CASRN:** 86-50-0

SPID(S): Tox21_201965

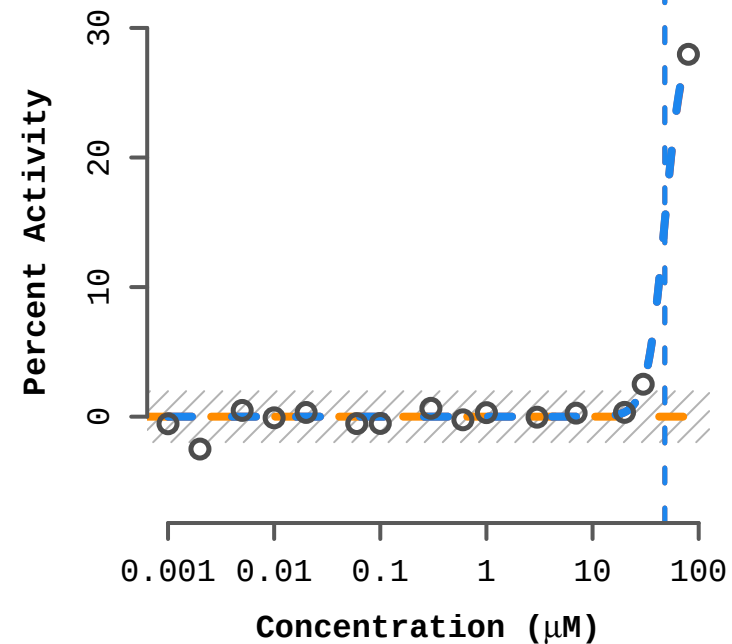
M4ID: 11453847

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.53	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA

MAX_MEAN: 1.5	MAX_MED: 1.5	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Azobenzene

CHID: 20123 CASRN: 103-33-3

SPID(S): Tox21_201458

M4ID: 11454354

HILL MODEL (in red):

	tp	ga	gw
val:	30	1.68	5.12
sd:	0.94	0.0215	0.427

GAIN-LOSS MODEL (in blue):

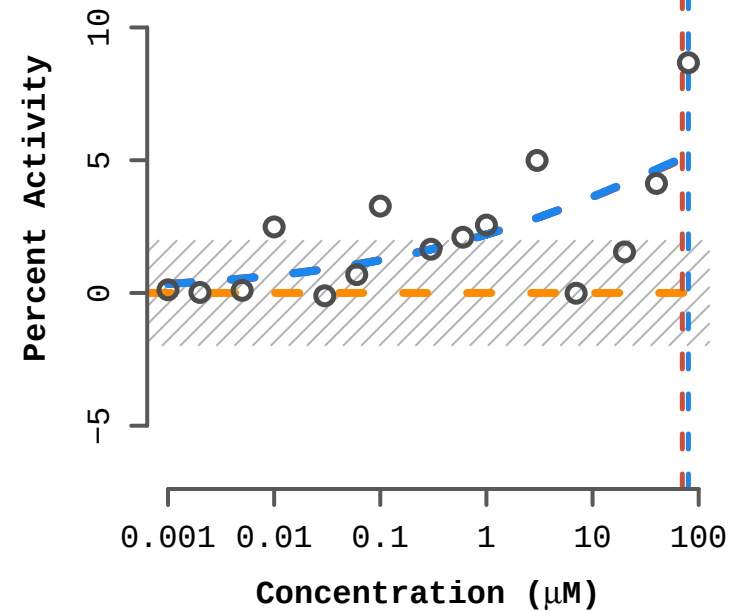
	tp	ga	gw	la	lw
val:	30.2	1.68	5.12	2.28	5.73
sd:	1.69	0.0248	0.504	1.26	21.5

	CNST	HILL	GNLS
AIC:	69.36	33.94	37.94
PROB:	0	0.88	0.12
RMSE:	7.29	0.73	0.73

MAX_MEAN: 28

MAX_MED: 28

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3'-Azido-3'-deoxythymidine

CHID: 20127 CASRN: 30516-87-1

SPID(S): Tox21_202203

M4ID: 11453609

HILL MODEL (in red):

	tp	ga	gw
val:	10.1	1.85	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

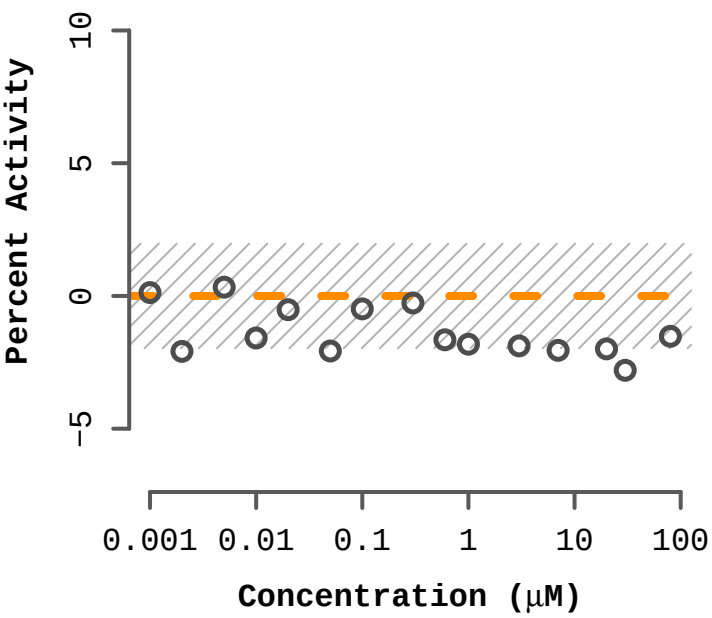
	tp	ga	gw	la	lw
val:	10.4	1.9	0.3	3.49	5.38
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	77.72	67.24	71.23
PROB:	0	0.88	0.12
RMSE:	3.17	1.72	1.72

MAX_MEAN: 8.67

MAX_MED: 8.67

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzidine

CHID: 20137 CASRN: 92-87-5

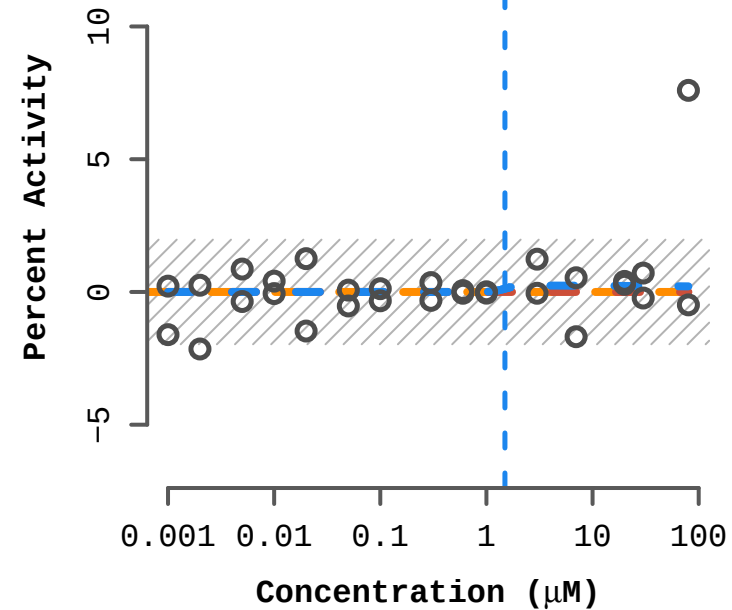
SPID(S): Tox21_202359

M4ID: 11453453

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	61.67	NA	NA
PROB:	1	NA	NA
RMSE:	1.63	NA	NA
MAX_MEAN:	0.332	MAX_MED: 0.332	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3-Benzofuran

CHID: 20141 CASRN: 271-89-6

SPID(S): Tox21_400054

M4ID: 11453294

HILL MODEL (in red):

	tp	ga	gw
val:	9.99e-09	2.38	2.49
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

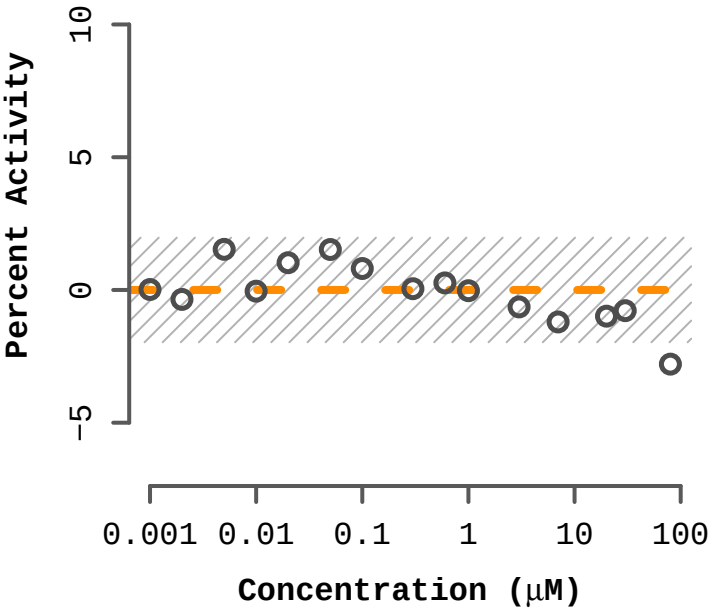
	tp	ga	gw	la	lw
val:	0.265	0.174	8	3.86	0.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	87.98	93.98	97.12
PROB:	0.94	0.05	0.01
RMSE:	1.59	1.59	1.56

MAX_MEAN: 3.55

MAX_MED: 3.55

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 6-Phenyl-1,3,5-triazine-2,4-diamine

CHID: 20142 CASRN: 91-76-9

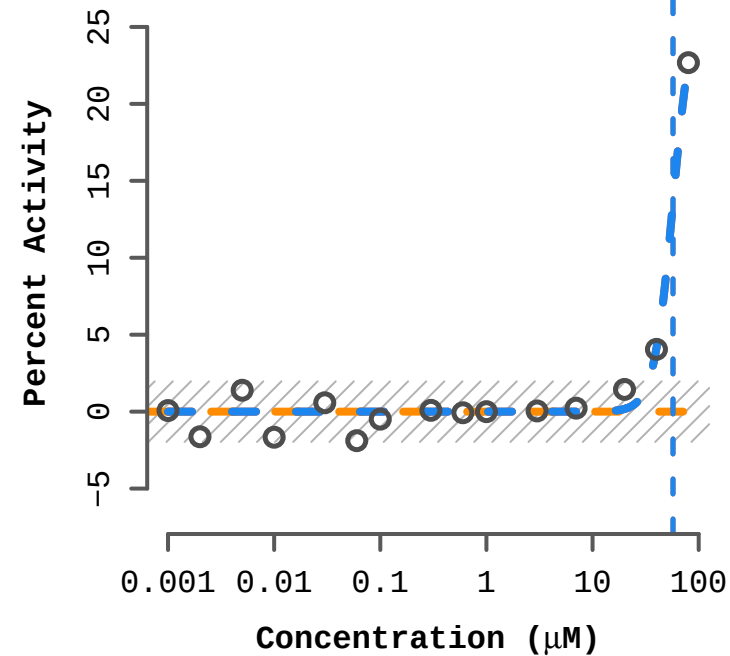
SPID(S): Tox21_201624

M4ID: 11454188

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	47.02	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.09	NA	NA	
MAX_MEAN:	1.53	MAX_MED:	1.53	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzoic acid

CHID: 20143 CASRN: 65-85-0

SPID(S): Tox21_202403

M4ID: 11453409

HILL MODEL (in red):

	tp	ga	gw
val:	27.2	1.76	4.8
sd:	2.4	0.0298	0.718

GAIN-LOSS MODEL (in blue):

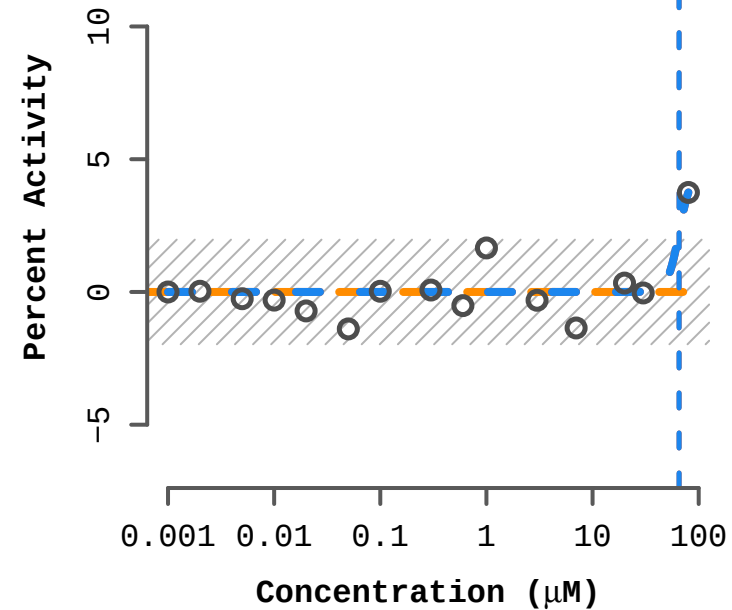
	tp	ga	gw	la	lw
val:	27.2	1.76	4.8	3.9	3.91
sd:	2.4	0.0298	0.718	2050	4020

	CNST	HILL	GNLS
AIC:	75.68	48.57	52.57
PROB:	0	0.88	0.12
RMSE:	6.03	0.94	0.94

MAX_MEAN: 22.7

MAX_MED: 22.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzoin

CHID: 20144 CASRN: 119-53-9

SPID(S): Tox21_201888

M4ID: 11453924

HILL MODEL (in red):

	tp	ga	gw
val:	4.5	1.82	7.99
sd:	9.57	0.483	34.4

GAIN-LOSS MODEL (in blue):

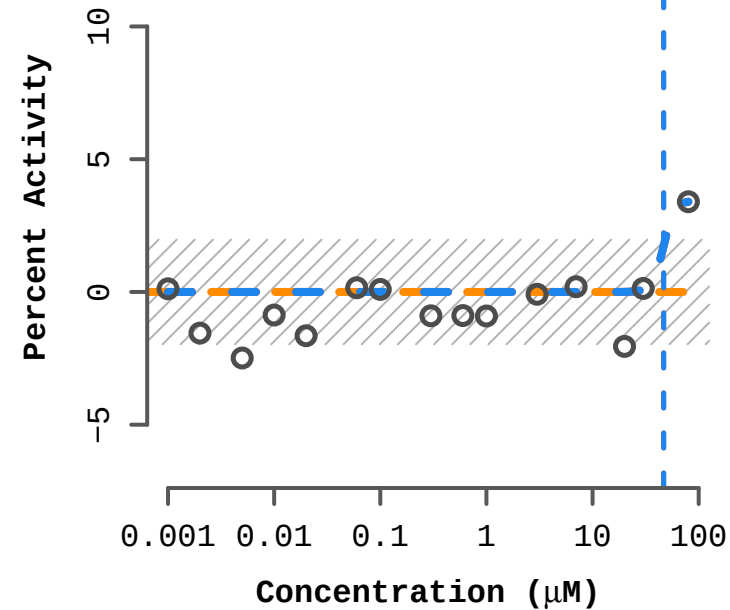
	tp	ga	gw	la	lw
val:	4.5	1.82	8	3.7	1.52
sd:	11.6	0.566	34.4	148	122

	CNST	HILL	GNLS
AIC:	45.07	38.85	42.85
PROB:	0.04	0.85	0.11
RMSE:	1.2	0.72	0.72

MAX_MEAN: 3.75

MAX_MED: 3.75

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,4-Benzoquinone

CHID: 20145 CASRN: 106-51-4

SPID(S): Tox21_202020

M4ID: 11453792

HILL MODEL (in red):

	tp	ga	gw
val:	3.45	1.67	8
sd:	2.36	1.45	41.7

GAIN-LOSS MODEL (in blue):

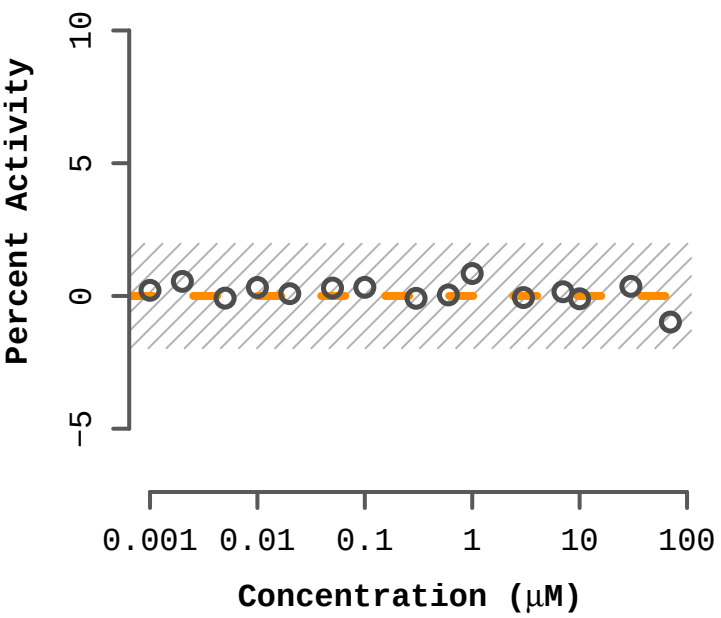
	tp	ga	gw	la	lw
val:	3.6	1.67	8	3.82	0.712
sd:	22.7	1.46	41.7	114	44.2

	CNST	HILL	GNLS
AIC:	55.01	54.09	58.09
PROB:	0.36	0.57	0.08
RMSE:	1.42	1.12	1.12

MAX_MEAN: 3.4

MAX_MED: 3.4

BMAD: 0.657



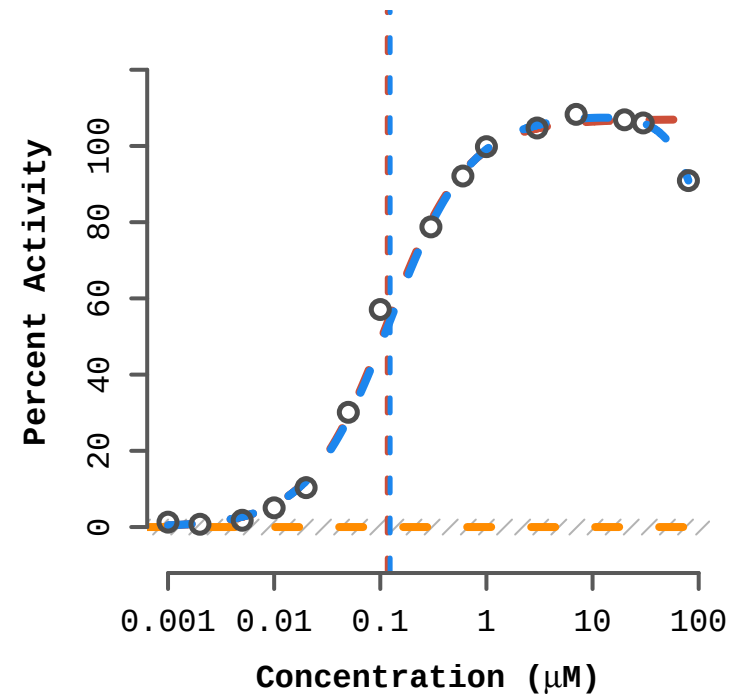
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,3-Benzotriazole
CHID: 20147 CASRN: 95-14-7
SPID(S): Tox21_201501
M4ID: 11454311

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	17	NA	NA
PROB:	1	NA	NA
RMSE:	0.41	NA	NA
MAX_MEAN:	0.846	MAX_MED: 0.846	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzotrichloride

CHID: 20148 CASRN: 98-07-7

SPID(S): Tox21_201290

M4ID: 11454522

HILL MODEL (in red):

	tp	ga	gw
val:	107	-0.934	1.16
sd:	0.962	0.0264	0.0462

GAIN-LOSS MODEL (in blue):

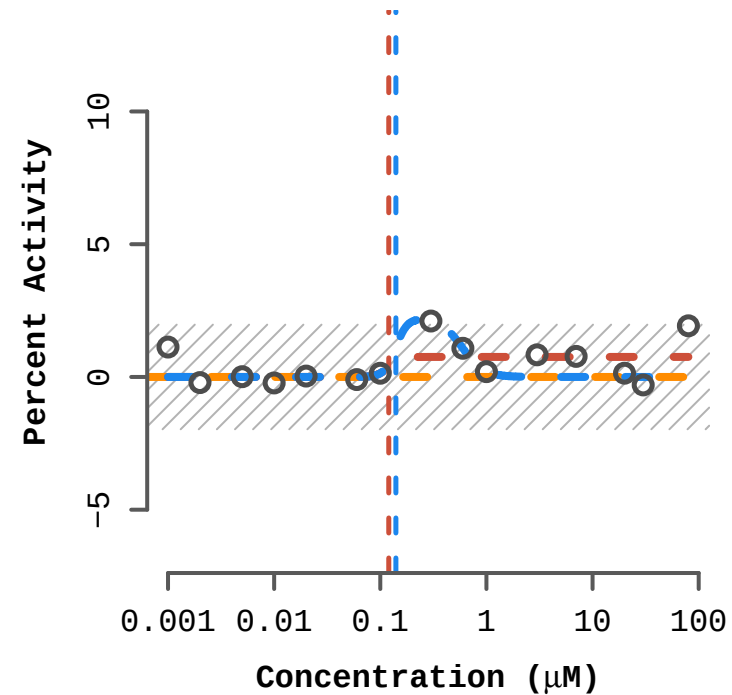
	tp	ga	gw	la	lw
val:	108	-0.908	1.14	2.21	2.32
sd:	0.625	0.0201	0.0364	0.016	0.119

	CNST	HILL	GNLS
AIC:	175.99	85.18	69.18
PROB:	0	0	1
RMSE:	74.2	4.77	2.6

MAX_MEAN: 108

MAX_MED: 108

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzyl acetate

CHID: 20151 CASRN: 140-11-4

SPID(S): Tox21_201826

M4ID: 11453986

HILL MODEL (in red):

	tp	ga	gw
val:	0.755	-0.92	8
sd:	0.25	0.307	23.5

GAIN-LOSS MODEL (in blue):

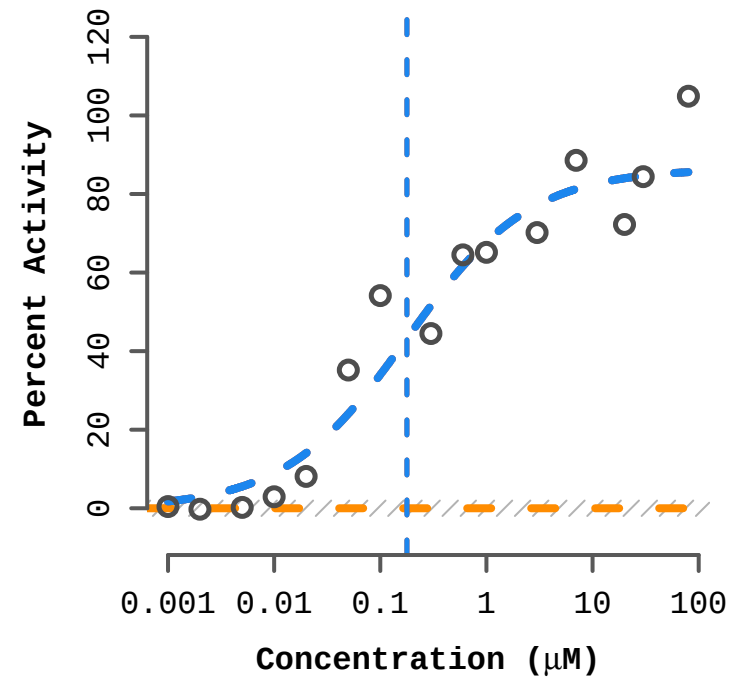
	tp	ga	gw	la	lw
val:	2.23	-0.853	8	-0.229	4.23
sd:	0.684	0.832	43.2	0.105	4.34

	CNST	HILL	GNLS
AIC:	40.24	37.98	37.52
PROB:	0.13	0.39	0.49
RMSE:	0.9	0.66	0.66

MAX_MEAN: 2.11

MAX_MED: 2.11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzyl alcohol

CHID: 20152 CASRN: 100-51-6

SPID(S): Tox21_202447

M4ID: 11453365

HILL MODEL (in red):

	tp	ga	gw
val:	86.4	-0.749	0.75
sd:	7.91	0.226	0.161

GAIN-LOSS MODEL (in blue):

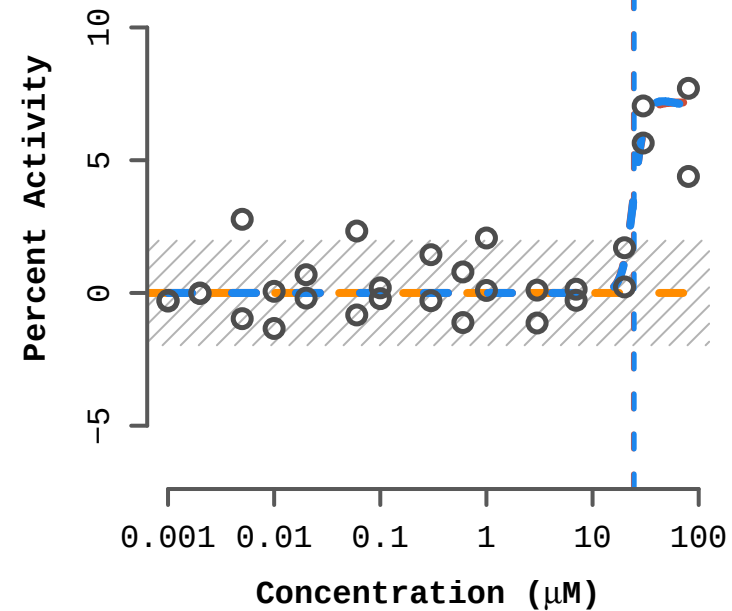
	tp	ga	gw	la	lw
val:	86.4	-0.749	0.75	3.89	7.86
sd:	7.91	0.226	0.161	549000	1020000

	CNST	HILL	GNLS
AIC:	168.47	118.2	122.2
PROB:	0	0.88	0.12
RMSE:	58.17	9.38	9.38

MAX_MEAN: 105

MAX_MED: 105

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Clorophene

CHID: 20154 CASRN: 120-32-1

SPID(S): Tox21_400046

M4ID: 11453302

HILL MODEL (in red):

	tp	ga	gw
val:	7.18	1.39	8
sd:	0.827	0.031	2.46

GAIN-LOSS MODEL (in blue):

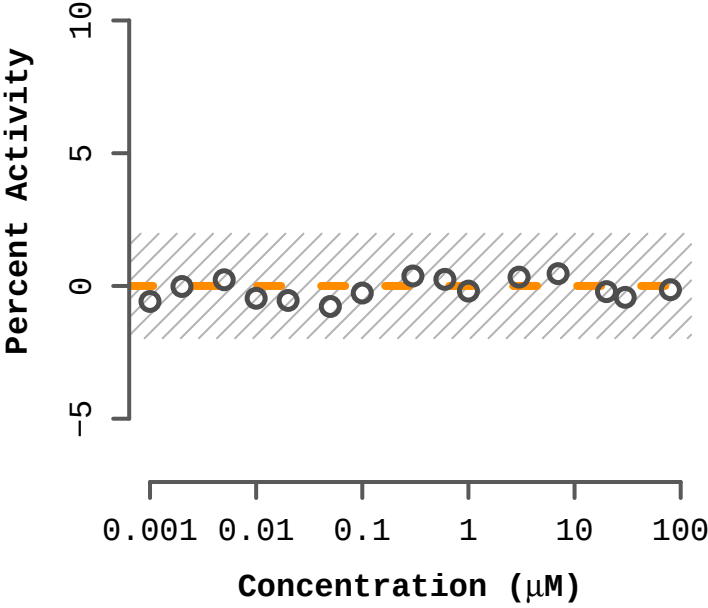
	tp	ga	gw	la	lw
val:	8.84	1.39	8	3.88	0.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	131.56	97.8	101.55
PROB:	0	0.87	0.13
RMSE:	2.52	1.12	1.11

MAX_MEAN: 6.35

MAX_MED: 6.35

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bifenthrin

CHID: 20160 CASRN: 82657-04-3

SPID(S): Tox21_201530

M4ID: 11454282

HILL MODEL: Not applicable.

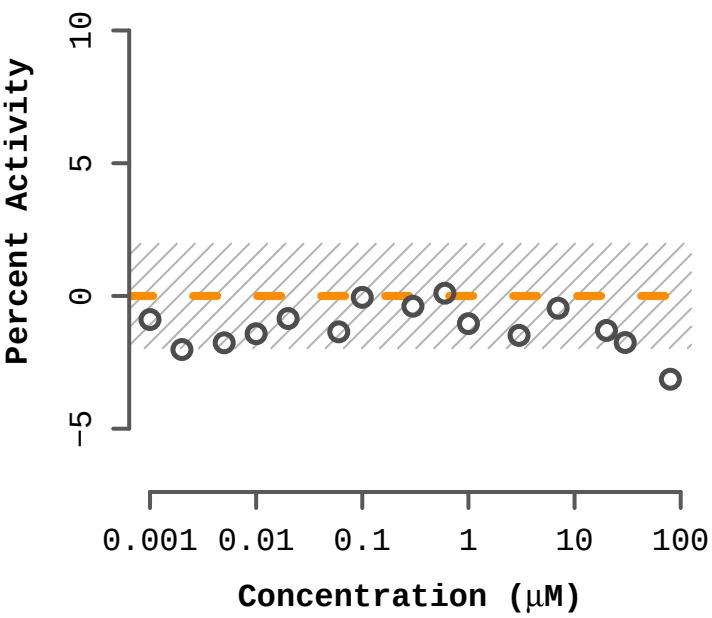
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	19.21	NA	NA
PROB:	1	NA	NA
RMSE:	0.4	NA	NA

MAX_MEAN: 0.465

MAX_MED: 0.465

BMAD: 0.657



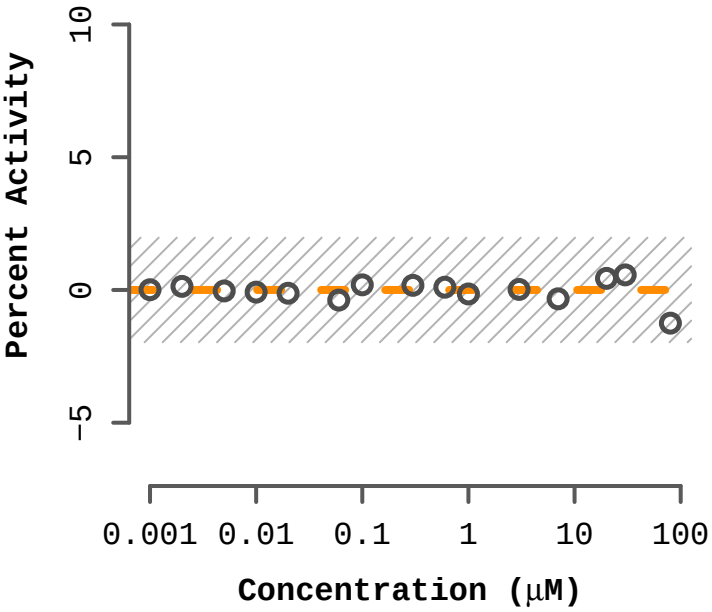
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Biphenyl
CHID: 20161 CASRN: 92-52-4
SPID(S): Tox21_202108
M4ID: 11453704

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	56.98	NA	NA
PROB:	1	NA	NA
RMSE:	1.43	NA	NA
MAX_MEAN:	0.105	MAX_MED: 0.105	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2-Bis(bromomethyl)-1,3-propanediol

CHID: 20164 CASRN: 3296-90-0

SPID(S): Tox21_201856

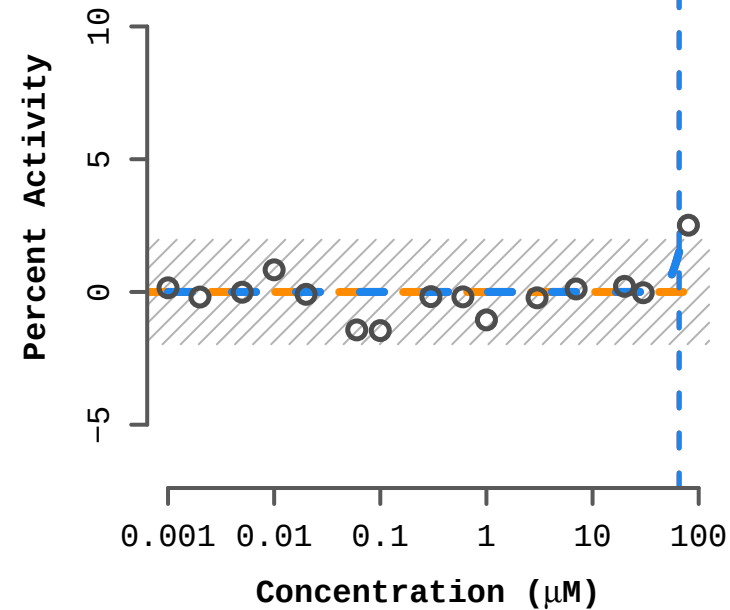
M4ID: 11453956

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	13.57	NA	NA
PROB:	1	NA	NA
RMSE:	0.41	NA	NA

MAX_MEAN: 0.569	MAX_MED: 0.569	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bis(2-chloroethyl) ether

CHID: 20168 CASRN: 111-44-4

SPID(S): Tox21_202074

M4ID: 11453738

HILL MODEL (in red):

	tp	ga	gw
val:	3.02	1.82	7.99
sd:	19.3	2.15	39.1

GAIN-LOSS MODEL (in blue):

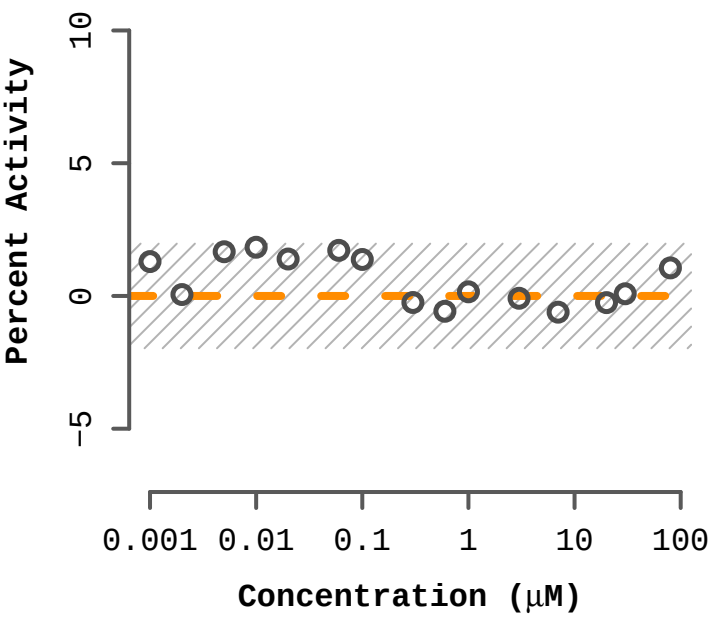
	tp	ga	gw	la	lw
val:	3.02	1.82	7.98	3.86	2.72
sd:	22.2	2.48	39	2210	3070

	CNST	HILL	GNLS
AIC:	39.09	34.92	38.92
PROB:	0.1	0.79	0.11
RMSE:	0.91	0.64	0.64

MAX_MEAN: 2.52

MAX_MED: 2.52

BMAD: 0.657



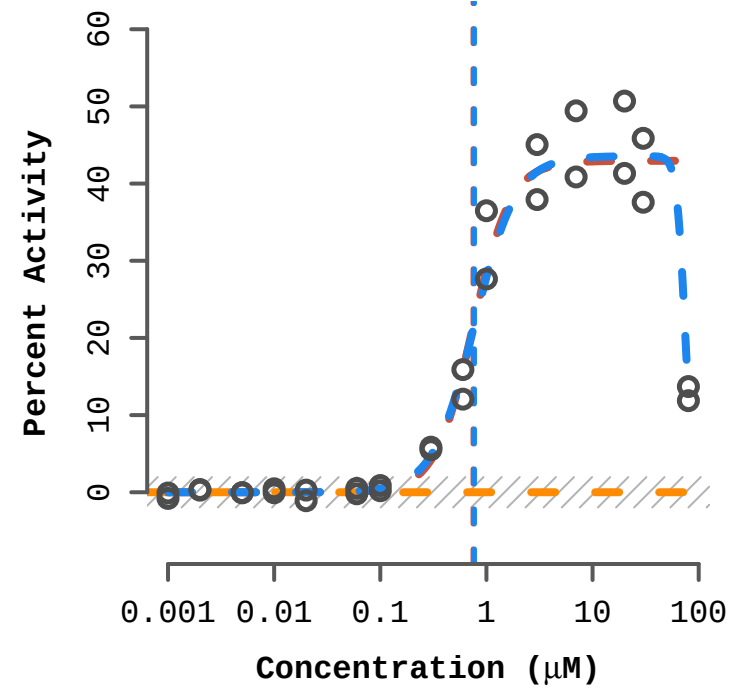
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diisopropanolamine
CHID: 20179 **CASRN:** 110-97-4
SPID(S): Tox21_201602
M4ID: 11454210

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.66	NA	NA
PROB:	1	NA	NA
RMSE:	1.05	NA	NA
MAX_MEAN:	1.84	MAX_MED: 1.84	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bisphenol A

CHID: 20182 CASRN: 80-05-7

SPID(S): Tox21_400088

M4ID: 11453260

HILL MODEL (in red):

	tp	ga	gw
val:	43	-0.126	2.44
sd:	1.72	0.035	0.507

GAIN-LOSS MODEL (in blue):

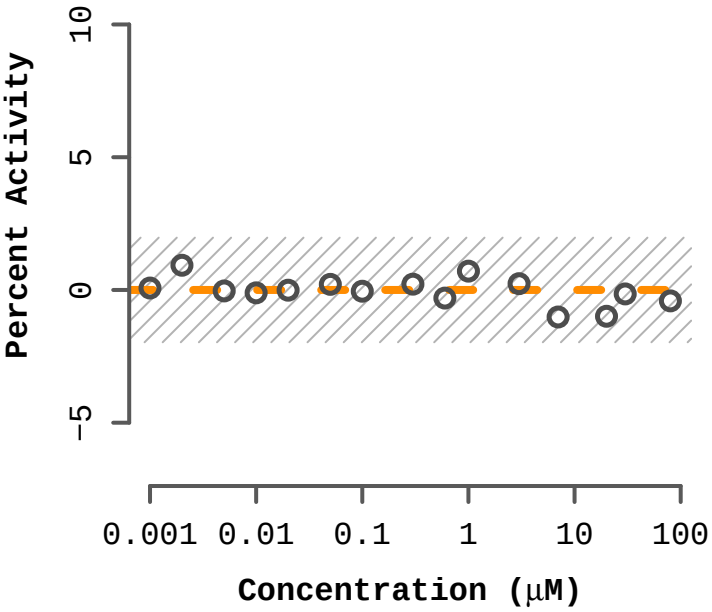
	tp	ga	gw	la	lw
val:	43.6	-0.113	2.22	1.87	11.1
sd:	2.3	0.0311	0.295	0.00739	2.21

	CNST	HILL	GNLS
AIC:	279.04	189.73	155.18
PROB:	0	0	1
RMSE:	24.68	8.32	2.95

MAX_MEAN: 46

MAX_MED: 46

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: HC Blue 2

CHID: 20193 CASRN: 33229-34-4

SPID(S): Tox21_202257

M4ID: 11453555

HILL MODEL: Not applicable.

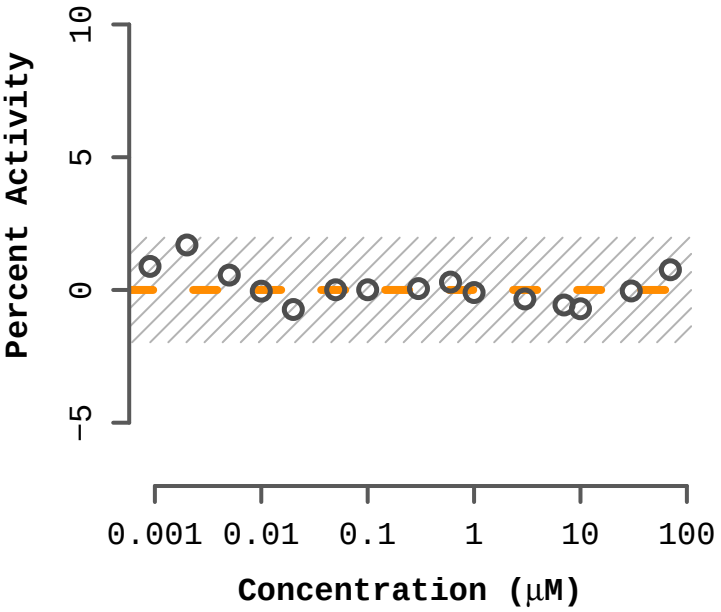
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	23.85	NA	NA
PROB:	1	NA	NA
RMSE:	0.51	NA	NA

MAX_MEAN: 0.932

MAX_MED: 0.932

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

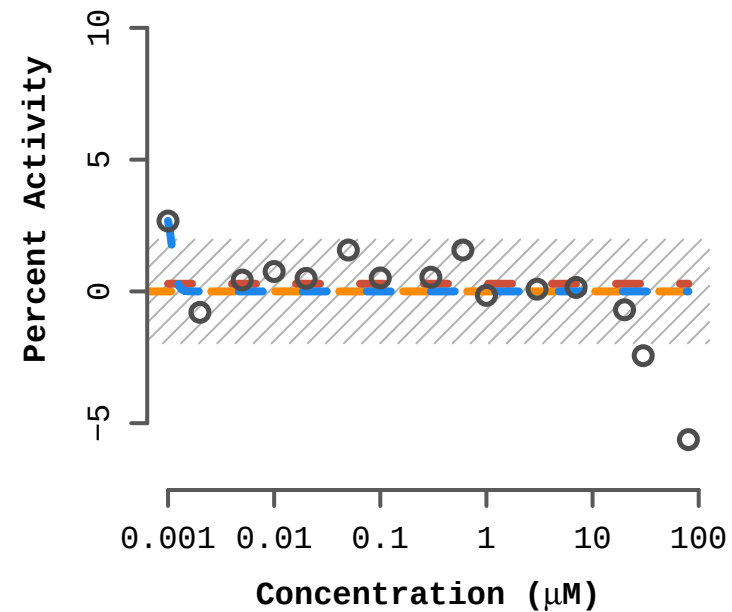
NAME: Boric acid
CHID: 20194 CASRN: 10043-35-3
SPID(S): Tox21_202185
M4ID: 11453627

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.57	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN:	1.69	MAX_MED:	1.69	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Budesonide

CHID: 20202 CASRN: 51333-22-3

SPID(S): Tox21_201827

M4ID: 11453985

HILL MODEL (in red):

	tp	ga	gw
val:	0.291	-4.86	3.64
sd:	0.328	1460	2890

GAIN-LOSS MODEL (in blue):

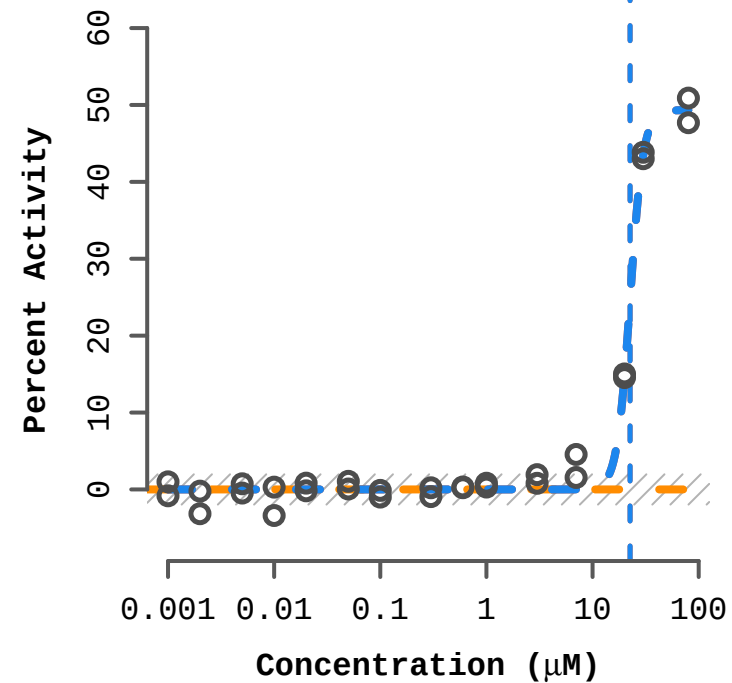
	tp	ga	gw	la	lw
val:	3.21	-4.13	3.8	-2.96	17.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	59.67	64.93	64.92
PROB:	0.87	0.06	0.06
RMSE:	1.87	1.9	1.74

MAX_MEAN: 2.67

MAX_MED: 2.67

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzyl butyl phthalate

CHID: 20205 CASRN: 85-68-7

SPID(S): Tox21_400057

M4ID: 11453291

HILL MODEL (in red):

	tp	ga	gw
val:	49.3	1.35	7.01
sd:	0.922	0.00499	0.38

GAIN-LOSS MODEL (in blue):

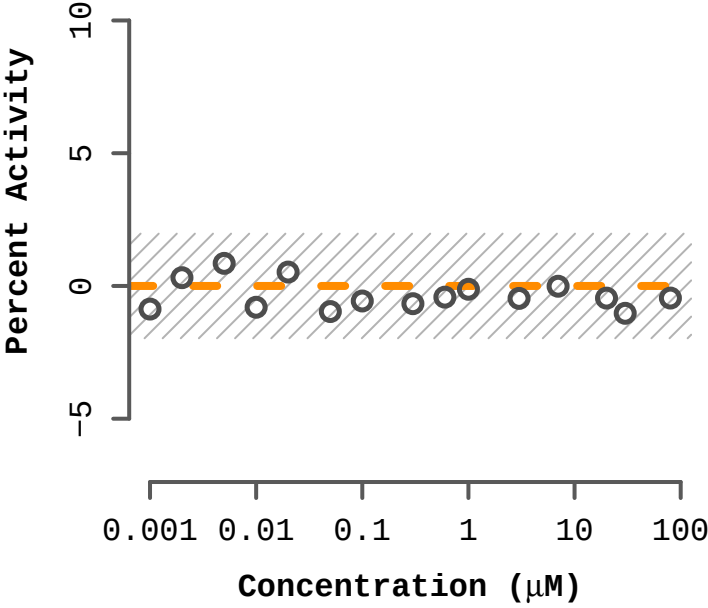
	tp	ga	gw	la	lw
val:	49.3	1.35	7.01	3.64	5.18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	233.63	109.02	113.02
PROB:	0	0.88	0.12
RMSE:	17.45	1.43	1.43

MAX_MEAN: 49.3

MAX_MED: 49.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dinoseb

CHID: 20207 **CASRN:** 88-85-7

SPID(S): Tox21_201878

M4ID: 11453934

HILL MODEL: Not applicable.

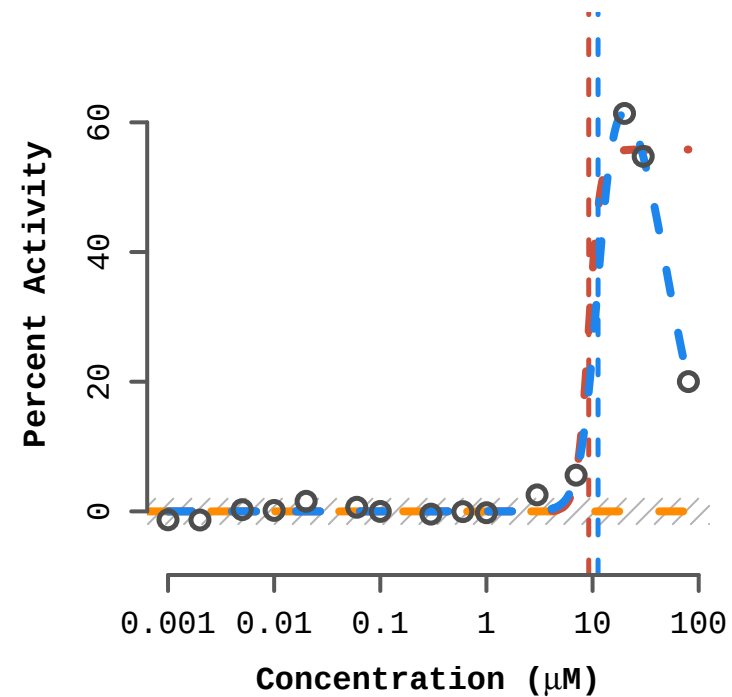
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.57	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 0.852

MAX_MED: 0.852

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Butylparaben

CHID: 20209 CASRN: 94-26-8

SPID(S): Tox21_201785

M4ID: 11454027

HILL MODEL (in red):

	tp	ga	gw
val:	55.8	0.964	8
sd:	1.87	0.0385	2.56

GAIN-LOSS MODEL (in blue):

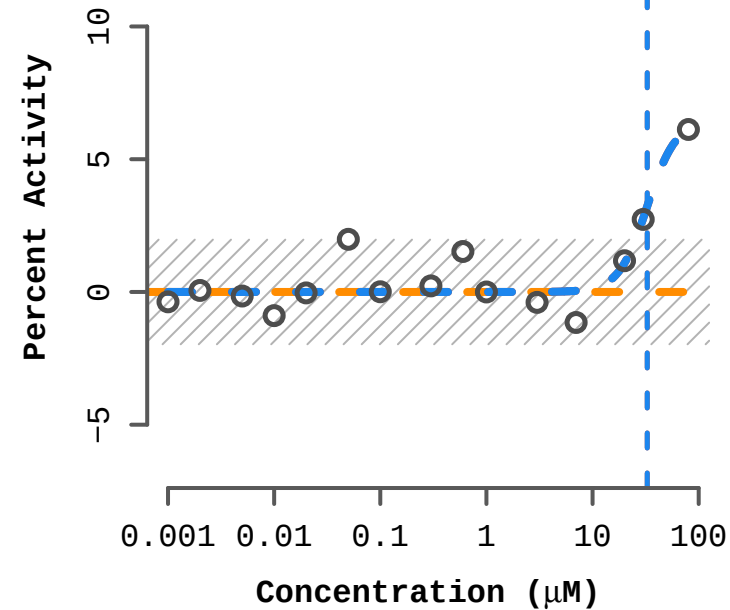
	tp	ga	gw	la	lw
val:	73.7	1.05	5.21	1.7	2.11
sd:	0.642	0.0104	0.237	0.00637	0.0557

	CNST	HILL	GNLS
AIC:	125.15	88.64	49.51
PROB:	0	0	1
RMSE:	21.93	9.41	0.92

MAX_MEAN: 61.4

MAX_MED: 61.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-tert-Butyl-4-methylphenol

CHID: 20212 CASRN: 2409-55-4

SPID(S): Tox21_201938

M4ID: 11453874

HILL MODEL (in red):

	tp	ga	gw
val:	6.46	1.52	3.24
sd:	0.727	0.0626	1.23

GAIN-LOSS MODEL (in blue):

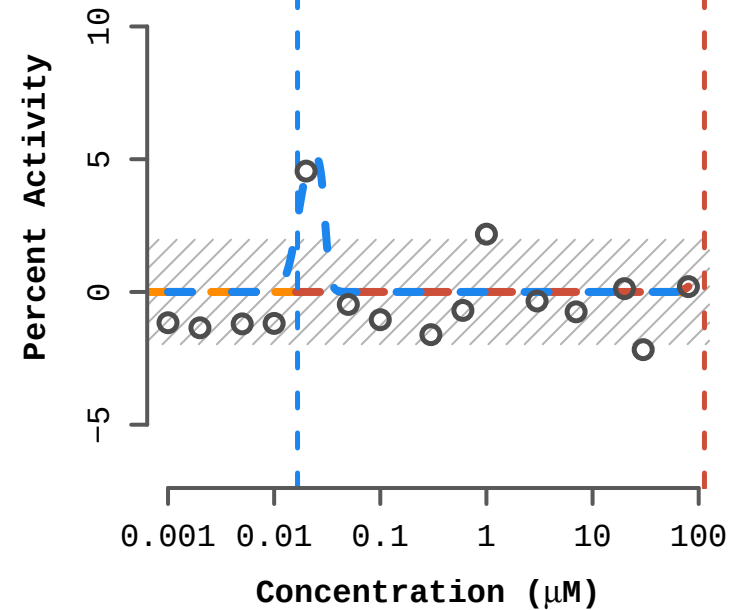
	tp	ga	gw	la	lw
val:	6.46	1.52	3.24	3.48	4.31
sd:	0.727	0.0626	1.23	1740	4800

	CNST	HILL	GNLS
AIC:	58.32	39.73	43.73
PROB:	0	0.88	0.12
RMSE:	1.92	0.77	0.77

MAX_MEAN: 6.12

MAX_MED: 6.12

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Butylated hydroxyanisole

CHID: 20215 CASRN: 25013-16-5

SPID(S): Tox21_201822

M4ID: 11453990

HILL MODEL (in red):

	tp	ga	gw
val:	3.42	2.05	7.95
sd:	267	4.19	107

GAIN-LOSS MODEL (in blue):

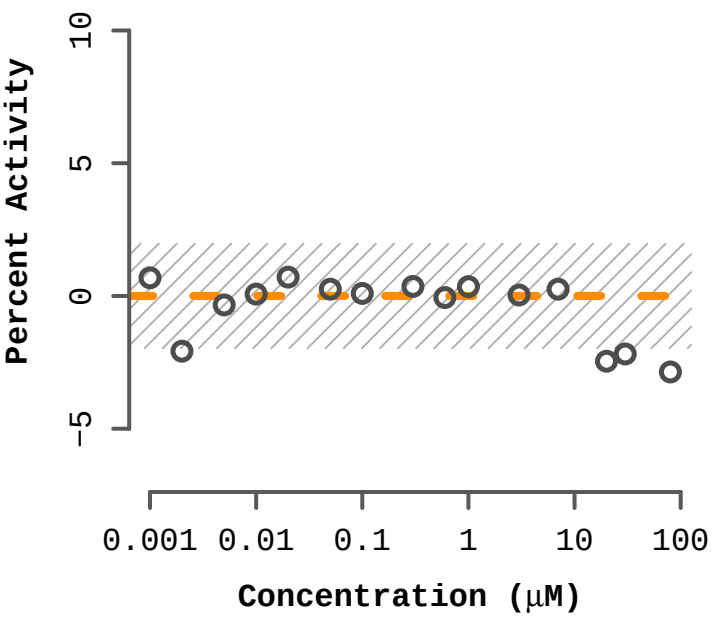
	tp	ga	gw	la	lw
val:	5.46	-1.78	8	-1.52	17.9
sd:	3.42	0.146	5.95	0.934	83.3

	CNST	HILL	GNLS
AIC:	59	64.97	61.18
PROB:	0.72	0.04	0.24
RMSE:	1.66	1.66	1.18

MAX_MEAN: 4.55

MAX_MED: 4.55

BMAD: 0.657



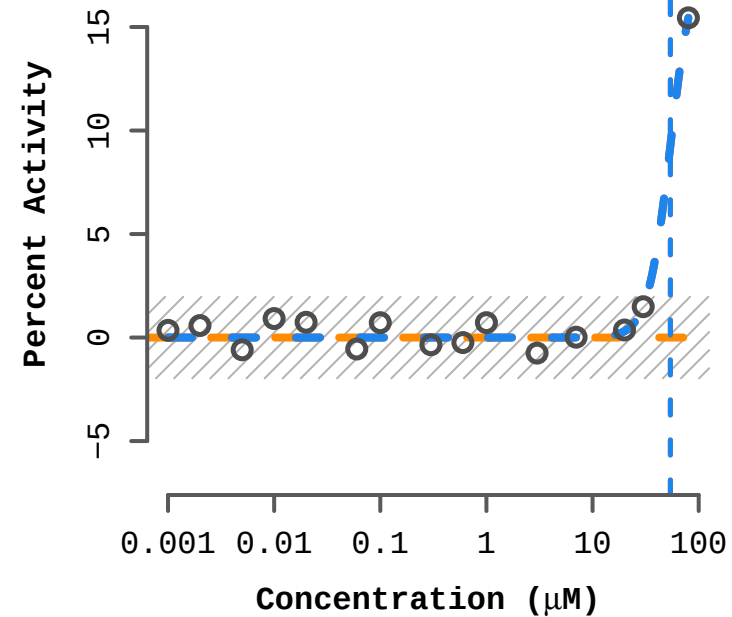
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: tert-Butylhydroquinone
CHID: 20220 CASRN: 1948-33-0
SPID(S): Tox21_202309
M4ID: 11453503

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	50.78	NA	NA
PROB:	1	NA	NA
RMSE:	1.29	NA	NA
MAX_MEAN:	0.71	MAX_MED: 0.71	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-tert-Butylphenol

CHID: 20221 CASRN: 98-54-4

SPID(S): Tox21_202326

M4ID: 11453486

HILL MODEL (in red):

	tp	ga	gw
val:	18.5	1.73	4.11
sd:	4.05	0.0939	1.22

GAIN-LOSS MODEL (in blue):

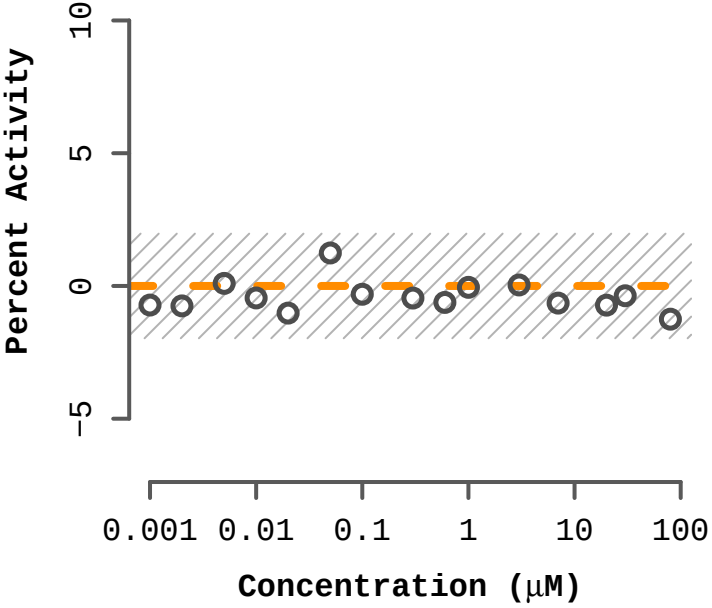
	tp	ga	gw	la	lw
val:	18.5	1.73	4.11	3.47	3.41
sd:	4.07	0.0942	1.23	313	685

	CNST	HILL	GNLS
AIC:	58.46	34.01	38.01
PROB:	0	0.88	0.12
RMSE:	4.04	0.53	0.53

MAX_MEAN: 15.4

MAX_MED: 15.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Butylurea

CHID: 20222 **CASRN:** 592-31-4

SPID(S): Tox21_202015

M4ID: 11453797

HILL MODEL: Not applicable.

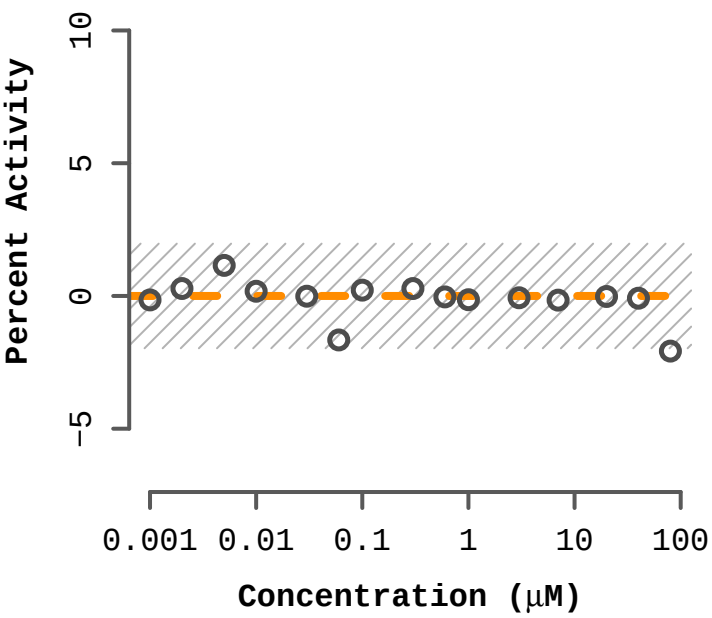
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.45	NA	NA
PROB:	1	NA	NA
RMSE:	0.69	NA	NA

MAX_MEAN: 1.24

MAX_MED: 1.24

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: beta-Butyrolactone

CHID: 20223 CASRN: 3068-88-0

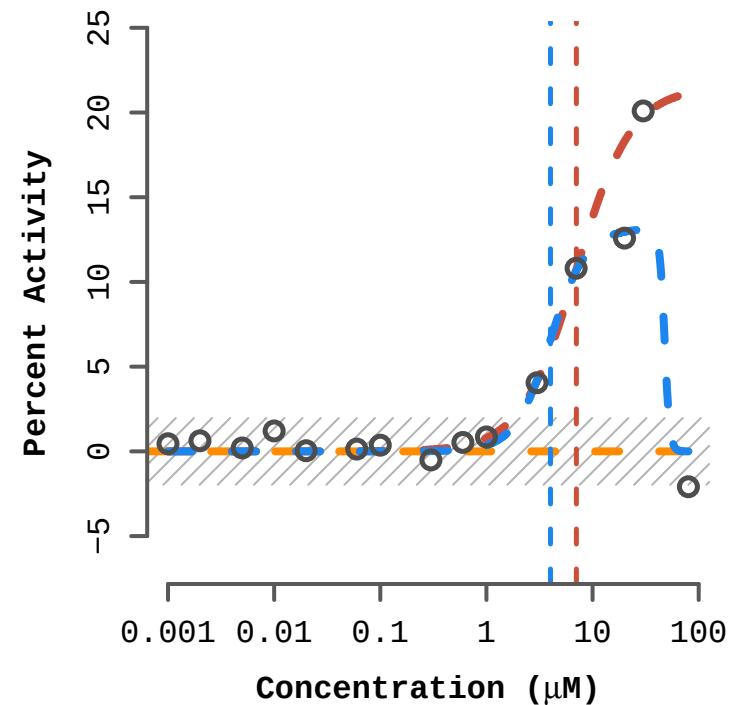
SPID(S): Tox21_201253

M4ID: 11454559

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	30.39	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.76	NA	NA	
MAX_MEAN:	1.15	MAX_MED:	1.15	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cadmium chloride

CHID: 20226 CASRN: 10108-64-2

SPID(S): Tox21_202229

M4ID: 11453583

HILL MODEL (in red):

	tp	ga	gw
val:	21.5	0.848	1.67
sd:	1.38	0.0538	0.254

GAIN-LOSS MODEL (in blue):

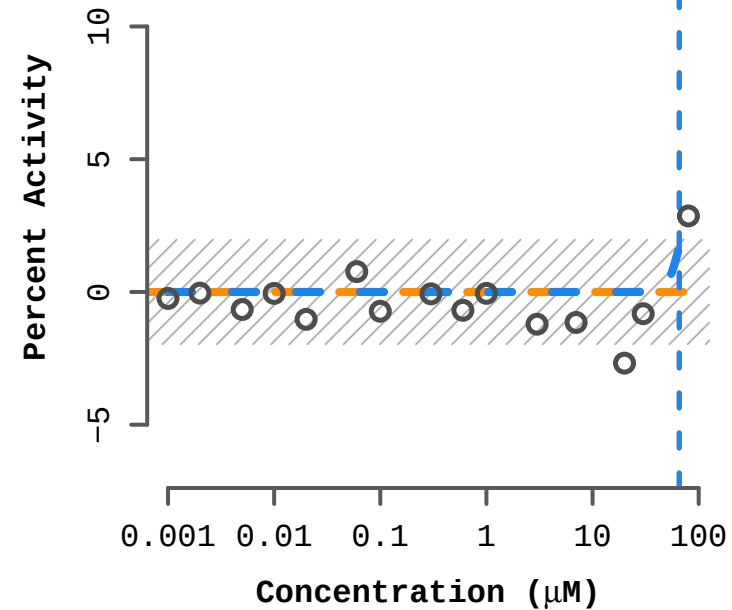
	tp	ga	gw	la	lw
val:	13.2	0.604	2.58	1.68	18
sd:	0.87	0.0421	0.604	0.374	31.6

	CNST	HILL	GNLS
AIC:	95.49	75.16	59.69
PROB:	0	0	1
RMSE:	6.85	6.19	1.94

MAX_MEAN: 20.1

MAX_MED: 20.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Caffeine

CHID: 20232 CASRN: 58-08-2

SPID(S): Tox21_201685

M4ID: 11454127

HILL MODEL (in red):

	tp	ga	gw
val:	3.44	1.82	8
sd:	5.88	0.473	12.6

GAIN-LOSS MODEL (in blue):

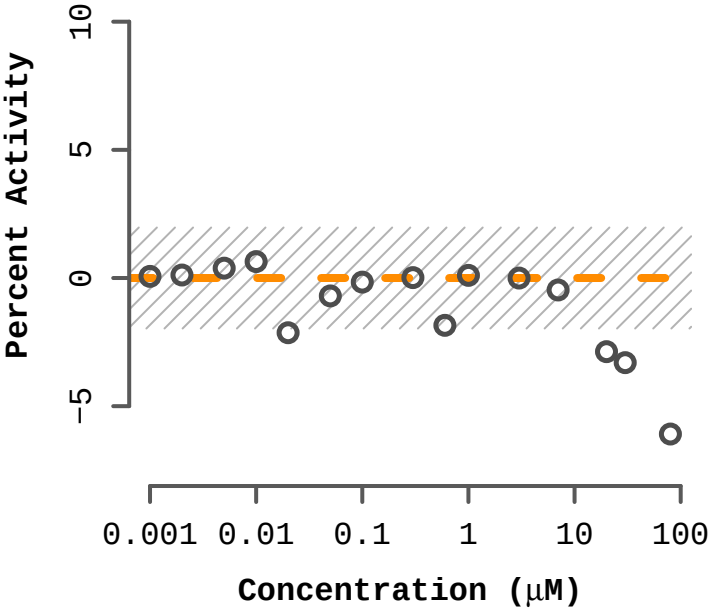
	tp	ga	gw	la	lw
val:	3.44	1.82	8	3.85	2.74
sd:	5.97	0.481	12.7	773	1090

	CNST	HILL	GNLS
AIC:	49.36	48.21	52.21
PROB:	0.33	0.59	0.08
RMSE:	1.21	0.96	0.96

MAX_MEAN: 2.86

MAX_MED: 2.86

BMAD: 0.657



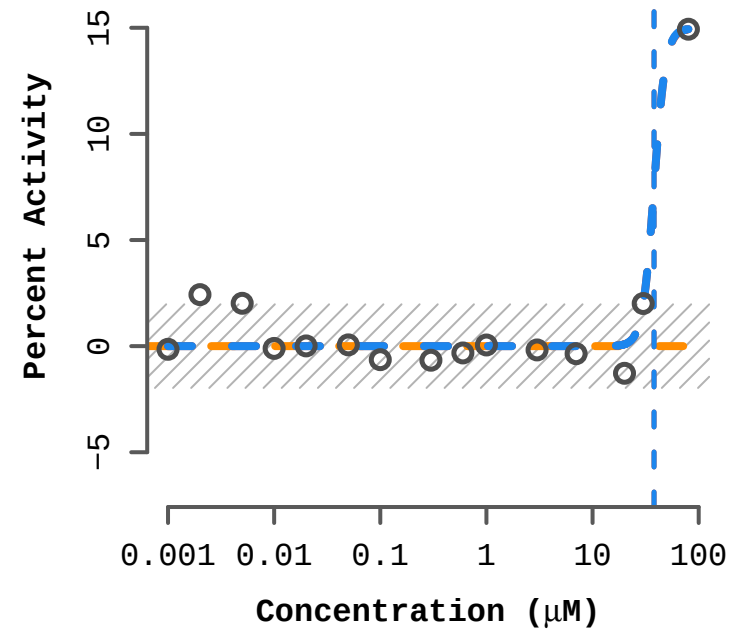
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ergocalciferol
CHID: 20233 CASRN: 50-14-6
SPID(S): Tox21_202348
M4ID: 11453464

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	62.98	NA	NA
PROB:	1	NA	NA
RMSE:	2.09	NA	NA
MAX_MEAN:	0.642	MAX_MED: 0.642	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Calcium lactate

CHID: 20236 CASRN: 814-80-2

SPID(S): Tox21_201378

M4ID: 11454434

HILL MODEL (in red):

	tp	ga	gw
val:	15	1.58	8
sd:	0.49	0.0311	2.27

GAIN-LOSS MODEL (in blue):

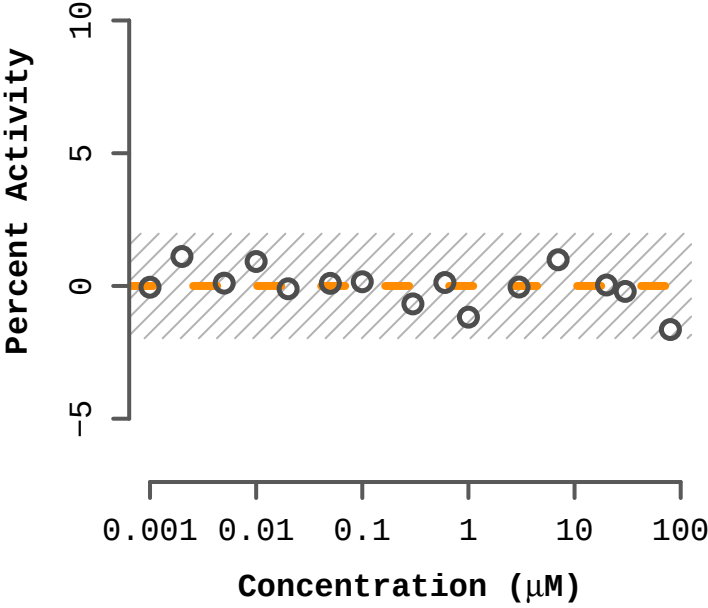
	tp	ga	gw	la	lw
val:	15	1.58	8	2.38	5.51
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	66.2	44.59	48.59
PROB:	0	0.88	0.12
RMSE:	4	0.93	0.93

MAX_MEAN: 14.9

MAX_MED: 14.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Caprolactam

CHID: 20240 CASRN: 105-60-2

SPID(S): Tox21_202202

M4ID: 11453610

HILL MODEL: Not applicable.

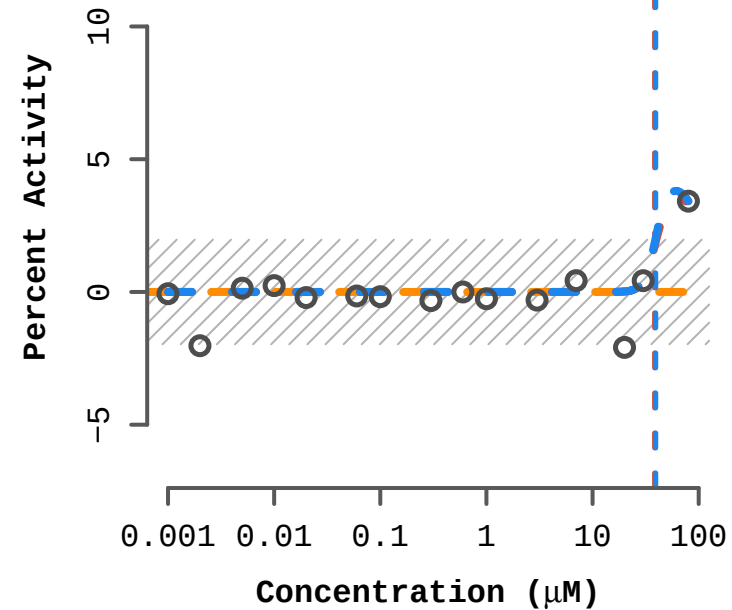
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.37	NA	NA
PROB:	1	NA	NA
RMSE:	0.72	NA	NA

MAX_MEAN: 1.11

MAX_MED: 1.11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Captafol

CHID: 20242 CASRN: 2425-06-1

SPID(S): Tox21_201709

M4ID: 11454103

HILL MODEL (in red):

	tp	ga	gw
val:	3.43	1.58	8
sd:	0.331	0.219	15.1

GAIN-LOSS MODEL (in blue):

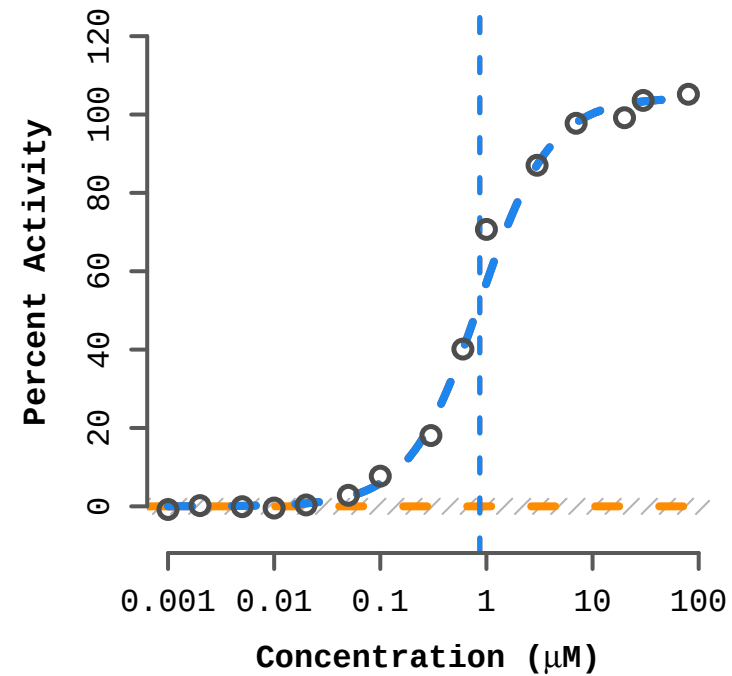
	tp	ga	gw	la	lw
val:	4.1	1.6	8	2.04	5.27
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	43.52	34.42	38.42
PROB:	0.01	0.87	0.12
RMSE:	1.18	0.78	0.78

MAX_MEAN: 3.42

MAX_MED: 3.42

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Captan

CHID: 20243 CASRN: 133-06-2

SPID(S): Tox21_201276

M4ID: 11454536

HILL MODEL (in red):

	tp	ga	gw
val:	104	-0.0623	1.3
sd:	0.935	0.0155	0.0567

GAIN-LOSS MODEL (in blue):

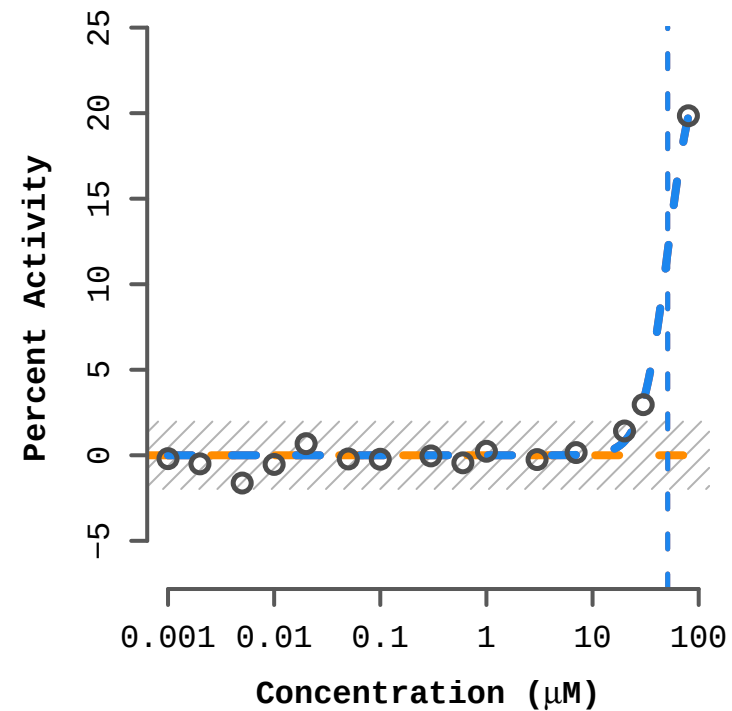
	tp	ga	gw	la	lw
val:	104	-0.0623	1.3	2.6	12.9
sd:	0.935	0.0155	0.0567	320	5930

	CNST	HILL	GNLS
AIC:	168.72	75.09	79.09
PROB:	0	0.88	0.12
RMSE:	60.98	3.76	3.76

MAX_MEAN: 105

MAX_MED: 105

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carbaryl

CHID: 20247 CASRN: 63-25-2

SPID(S): Tox21_201836

M4ID: 11453976

HILL MODEL (in red):

	tp	ga	gw
val:	23.8	1.71	3.56
sd:	1.36	0.0274	0.341

GAIN-LOSS MODEL (in blue):

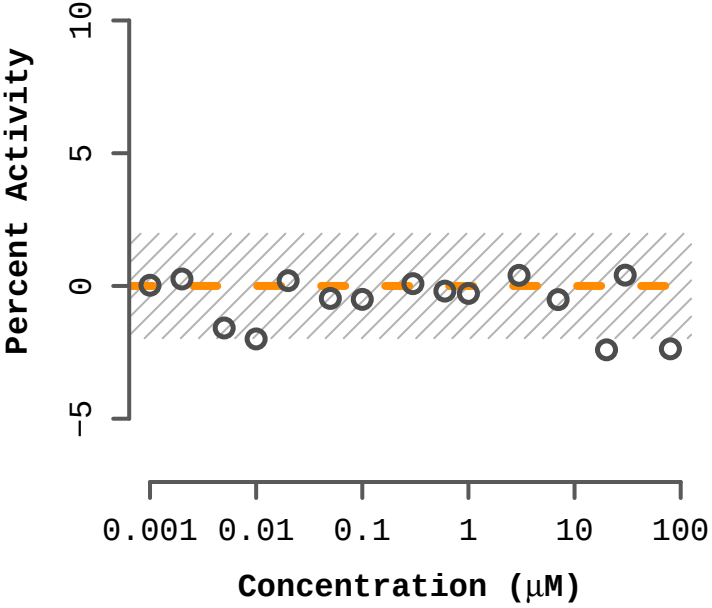
	tp	ga	gw	la	lw
val:	23.8	1.71	3.56	3.6	8.08
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	66.43	30.1	34.1
PROB:	0	0.88	0.12
RMSE:	5.22	0.55	0.55

MAX_MEAN: 19.9

MAX_MED: 19.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carbazole

CHID: 20248 **CASRN:** 86-74-8

SPID(S): Tox21_201703

M4ID: 11454109

HILL MODEL: Not applicable.

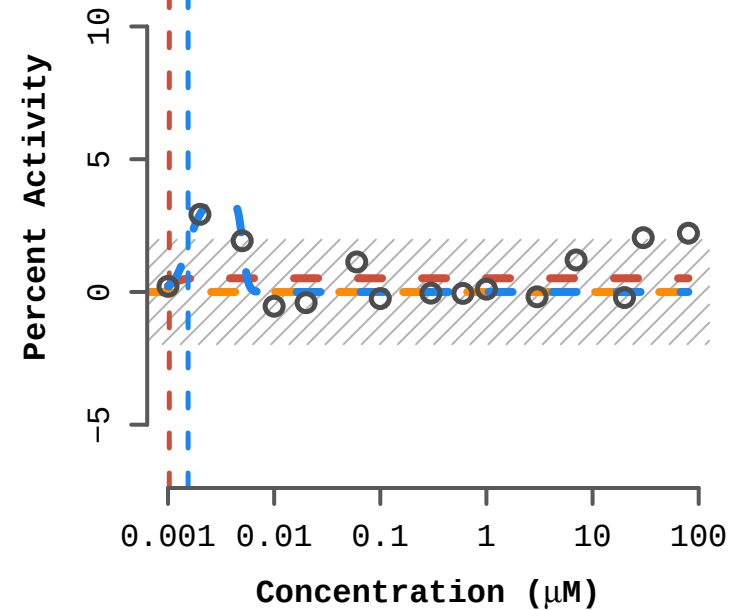
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.96	NA	NA
PROB:	1	NA	NA
RMSE:	1.13	NA	NA

MAX_MEAN: 0.408

MAX_MED: 0.408

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carbofuran

CHID: 20249 CASRN: 1563-66-2

SPID(S): Tox21_201955

M4ID: 11453857

HILL MODEL (in red):

	tp	ga	gw
val:	0.515	-2.99	8
sd:	0.333	0.358	27.7

GAIN-LOSS MODEL (in blue):

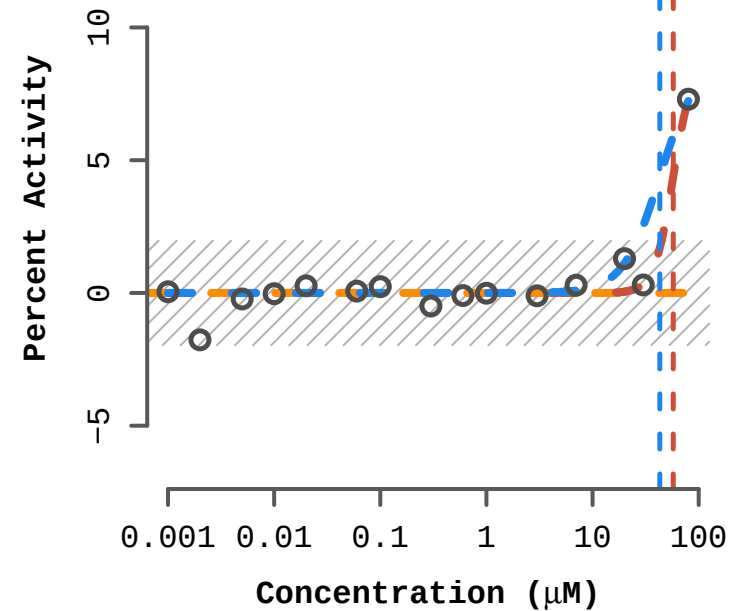
	tp	ga	gw	la	lw
val:	3.5	-2.81	6.3	-2.3	17.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	51.72	54.96	48.93
PROB:	0.19	0.04	0.77
RMSE:	1.28	1.1	0.91

MAX_MEAN: 2.92

MAX_MED: 2.92

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: d-Carvone

CHID: 20256 CASRN: 2244-16-8

SPID(S): Tox21_201441

M4ID: 11454371

HILL MODEL (in red):

	tp	ga	gw
val:	8.76	1.76	4.89
sd:	2.08	0.0828	1.85

GAIN-LOSS MODEL (in blue):

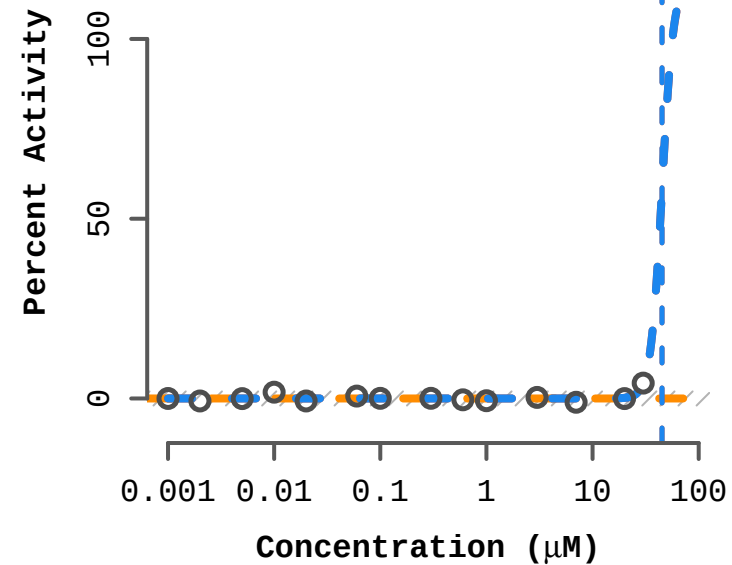
	tp	ga	gw	la	lw
val:	8.76	1.63	2.5	3.9	3.44
sd:	1.63	0.121	0.665	376	650

	CNST	HILL	GNLS
AIC:	45.53	27.28	36.39
PROB:	0	0.99	0.01
RMSE:	1.98	0.59	0.76

MAX_MEAN: 7.3

MAX_MED: 7.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Catechol

CHID: 20257 CASRN: 120-80-9

SPID(S): Tox21_202317

M4ID: 11453495

HILL MODEL (in red):

	tp	ga	gw
val:	116	1.65	8
sd:	0.558	0.00709	0.235

GAIN-LOSS MODEL (in blue):

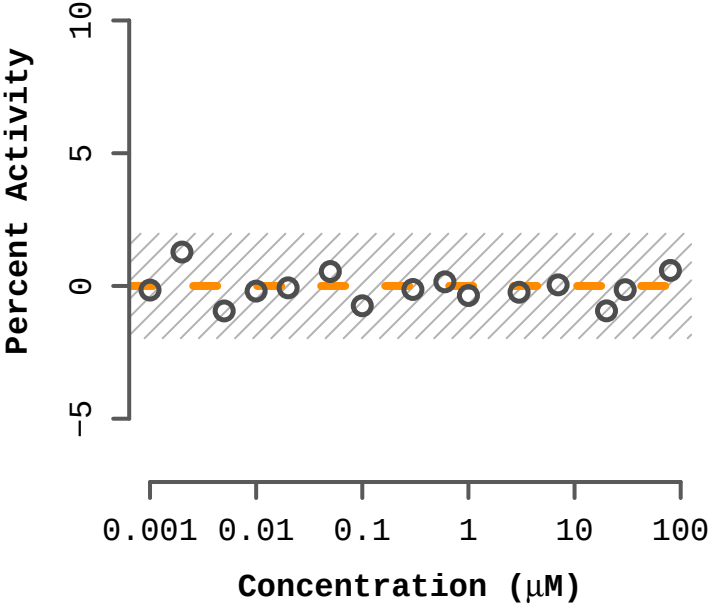
	tp	ga	gw	la	lw
val:	117	1.65	8	2.23	8
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	87	35.91	39.91
PROB:	0	0.88	0.12
RMSE:	29.75	0.64	0.64

MAX_MEAN: 115

MAX_MED: 115

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chloramben

CHID: 20262 **CASRN:** 133-90-4

SPID(S): Tox21_201368

M4ID: 11454444

HILL MODEL: Not applicable.

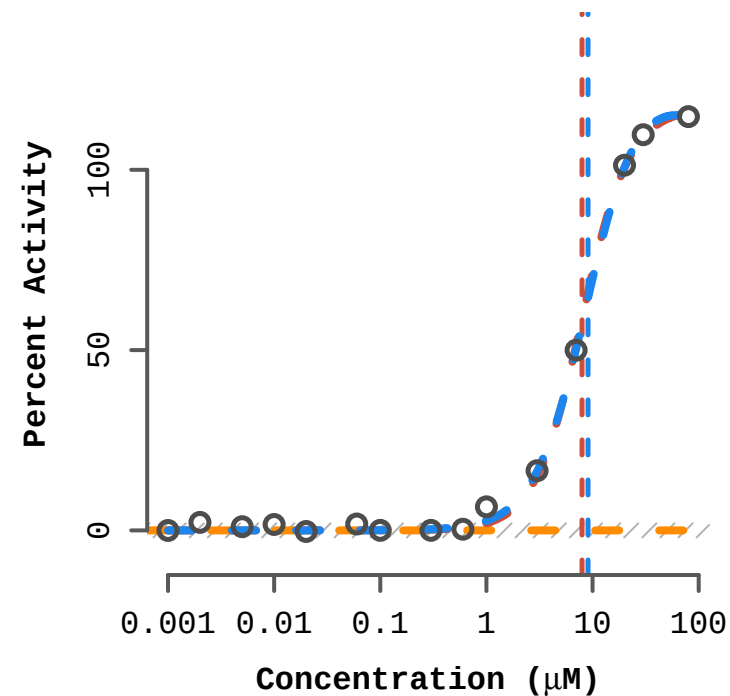
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.14	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 1.28

MAX_MED: 1.28

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorambucil

CHID: 20263 CASRN: 305-03-3

SPID(S): Tox21_201390

M4ID: 11454422

HILL MODEL (in red):

	tp	ga	gw
val:	117	0.901	1.95
sd:	1.49	0.013	0.0988

GAIN-LOSS MODEL (in blue):

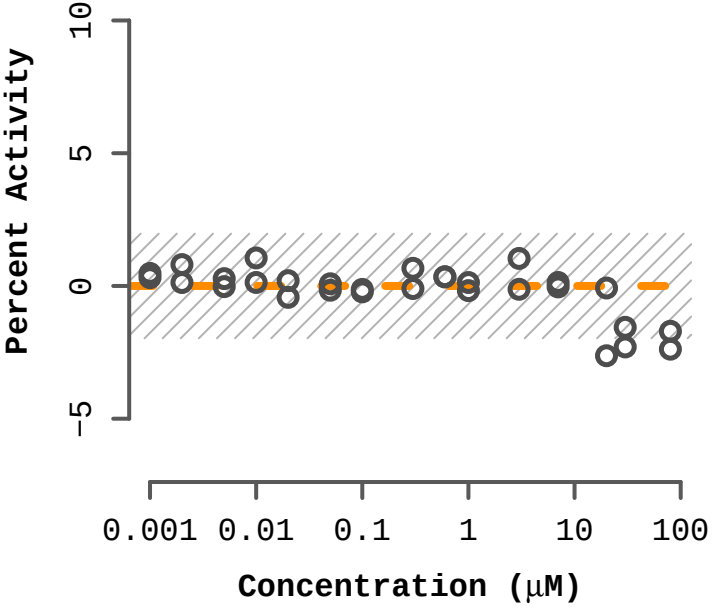
	tp	ga	gw	la	lw
val:	138	0.957	1.77	3.66	0.429
sd:	1.17	0.00758	0.041	0.109	0.029

	CNST	HILL	GNLS
AIC:	158.89	63.44	61.52
PROB:	0	0.28	0.72
RMSE:	50.53	1.61	1.37

MAX_MEAN: 115

MAX_MED: 115

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chloramphenicol

CHID: 20265 **CASRN:** 56-75-7

SPID(S): Tox21_400061

M4ID: 11453287

HILL MODEL: Not applicable.

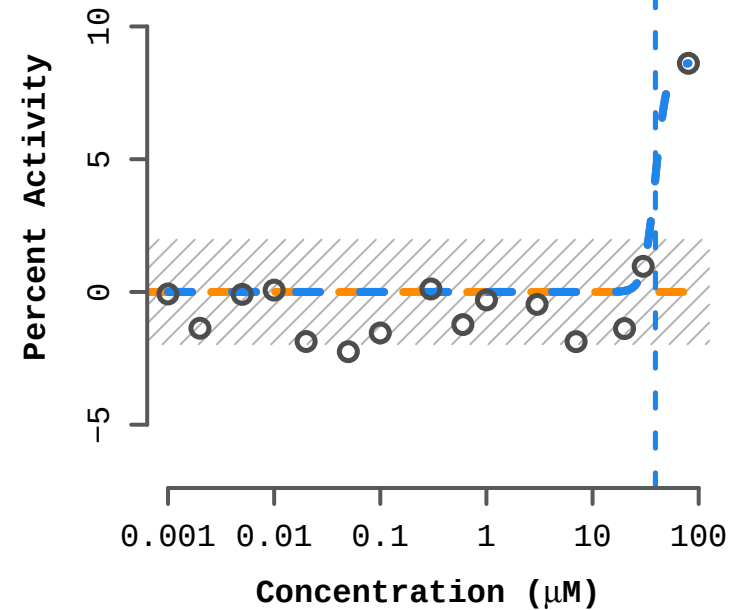
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	77.6	NA	NA
PROB:	1	NA	NA
RMSE:	0.96	NA	NA

MAX_MEAN: 0.595

MAX_MED: 0.595

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chloranil

CHID: 20266 CASRN: 118-75-2

SPID(S): Tox21_201656

M4ID: 11454156

HILL MODEL (in red):

	tp	ga	gw
val:	8.64	1.59	8
sd:	0.941	0.209	12.6

GAIN-LOSS MODEL (in blue):

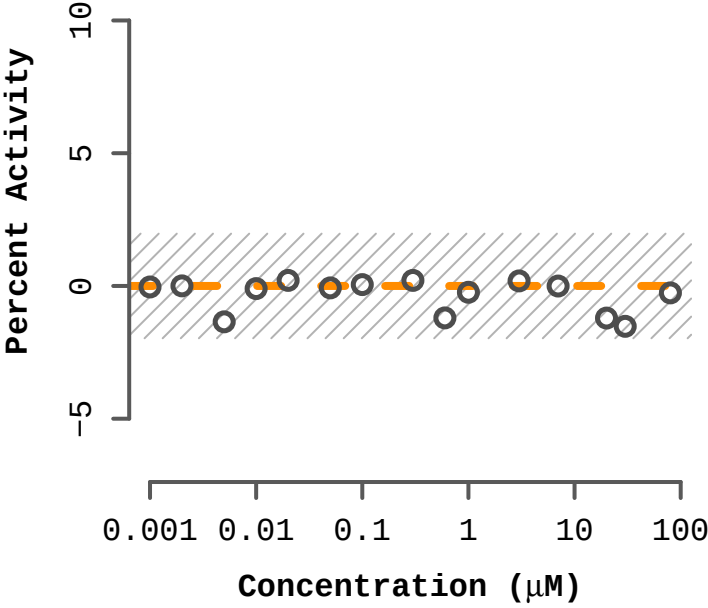
	tp	ga	gw	la	lw
val:	8.64	1.59	8	3.85	17.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	64.52	56.06	60.06
PROB:	0.01	0.87	0.12
RMSE:	2.52	1.16	1.16

MAX_MEAN: 8.61

MAX_MED: 8.61

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorendic acid

CHID: 20268 CASRN: 115-28-6

SPID(S): Tox21_202339

M4ID: 11453473

HILL MODEL: Not applicable.

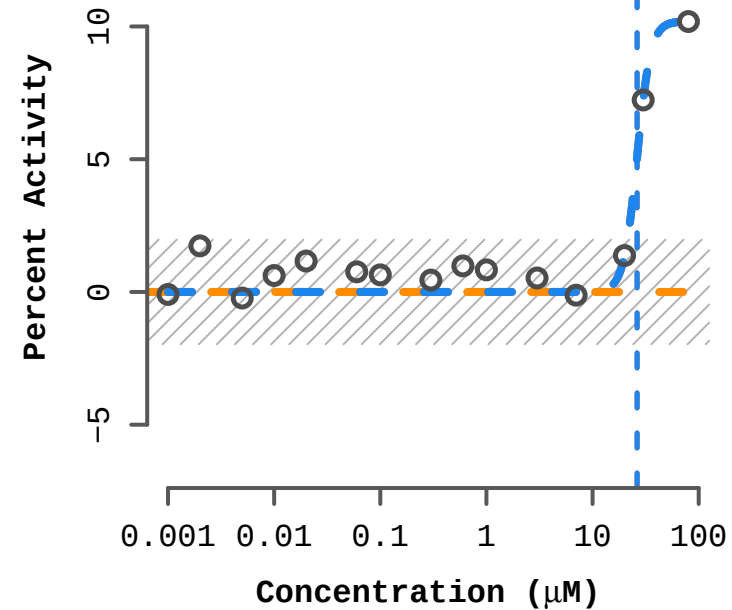
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.97	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 0.21

MAX_MED: 0.21

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Chloro-2,4-dinitrobenzene

CHID: 20278 CASRN: 97-00-7

SPID(S): Tox21_201956

M4ID: 11453856

HILL MODEL (in red):

	tp	ga	gw
val:	10.2	1.42	6.79
sd:	0.526	0.0167	1.3

GAIN-LOSS MODEL (in blue):

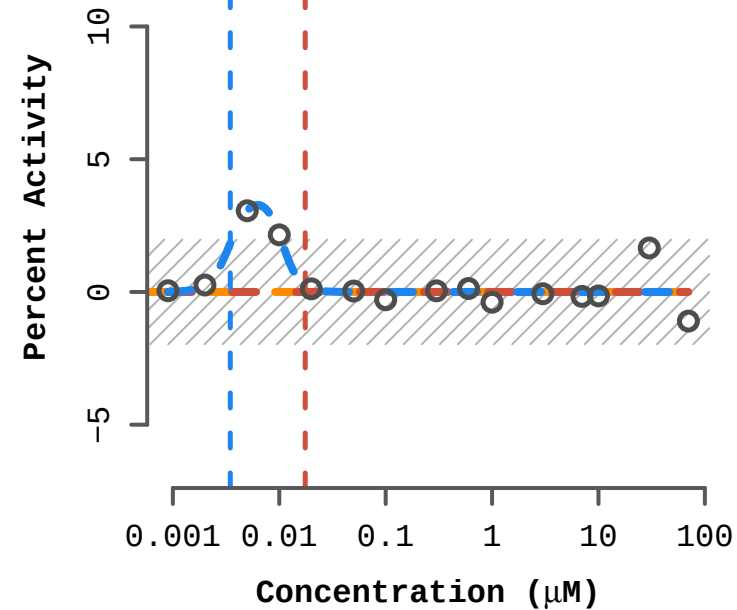
	tp	ga	gw	la	lw
val:	10.2	1.42	6.79	3.79	2.69
sd:	0.754	0.0187	1.33	2490	3630

	CNST	HILL	GNLS
AIC:	70.64	41.54	45.54
PROB:	0	0.88	0.12
RMSE:	3.33	0.73	0.73

MAX_MEAN: 10.2

MAX_MED: 10.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Chloro-2-methylpropene

CHID: 20279 CASRN: 563-47-3

SPID(S): Tox21_201640

M4ID: 11454172

HILL MODEL (in red):

	tp	ga	gw
val:	2.7e-11	-1.76	2.66
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

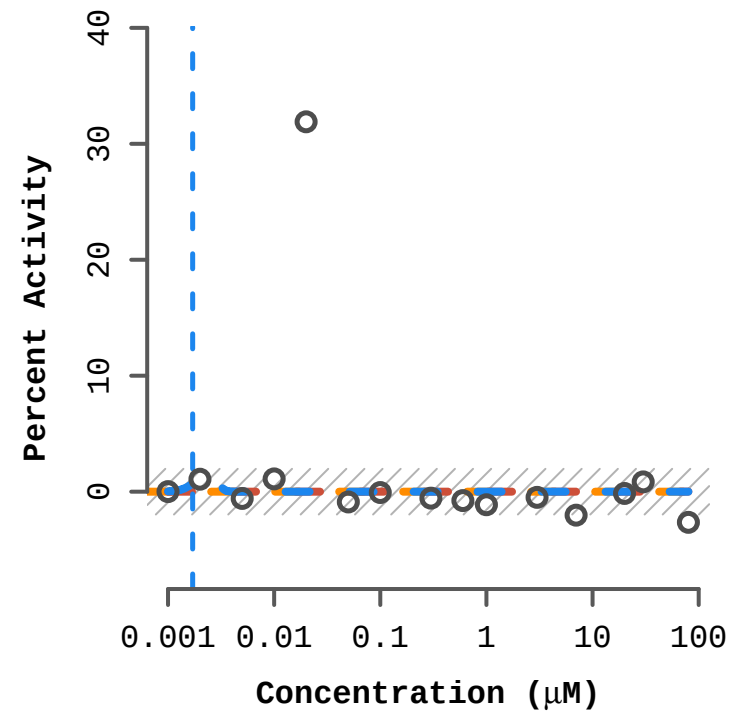
	tp	ga	gw	la	lw
val:	3.67	-2.46	4.65	-1.97	5.42
sd:	0.693	0.0776	1.42	0.0315	2.49

	CNST	HILL	GNLS
AIC:	43.07	49.07	25.97
PROB:	0	0	1
RMSE:	1.11	1.11	0.53

MAX_MEAN: 3.06

MAX_MED: 3.06

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Chloro-4-nitrobenzene

CHID: 20281 CASRN: 100-00-5

SPID(S): Tox21_202291

M4ID: 11453521

HILL MODEL (in red):

	tp	ga	gw
val:	38.3	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

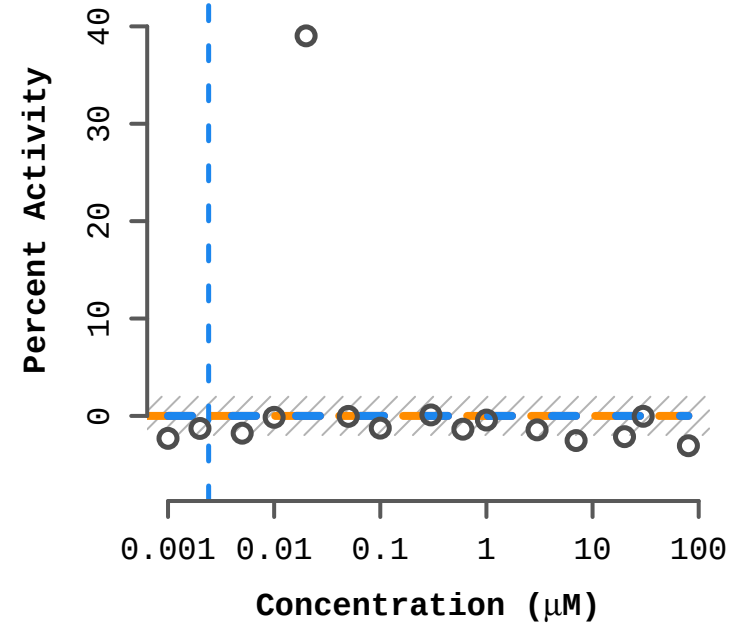
	tp	ga	gw	la	lw
val:	1.4	-2.77	7.65	-2.52	17.6
sd:	20.7	3.05	86.9	4.32	355

	CNST	HILL	GNLS
AIC:	74.8	80.8	83.79
PROB:	0.94	0.05	0.01
RMSE:	8.31	8.31	8.3

MAX_MEAN: 31.9

MAX_MED: 31.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chloro-1,3-diaminobenzene

CHID: 20282 CASRN: 5131-60-2

SPID(S): Tox21_201696

M4ID: 11454116

HILL MODEL (in red):

	tp	ga	gw
val:	37.2	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

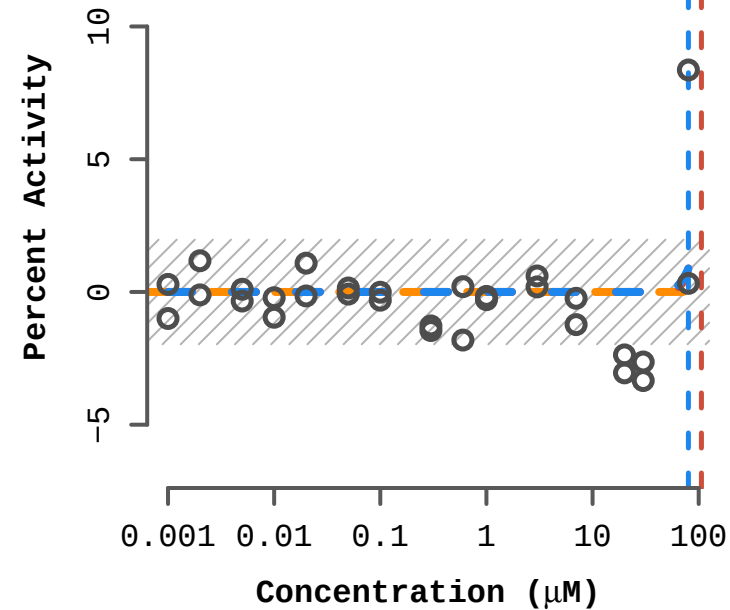
	tp	ga	gw	la	lw
val:	9.58e-05	-2.62	6.88	-2.37	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	84.59	90.59	94.59
PROB:	0.95	0.05	0.01
RMSE:	10.2	10.2	10.2

MAX_MEAN: 39

MAX_MED: 39

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chloro-1,2-diaminobenzene

CHID: 20283 CASRN: 95-83-0

SPID(S): Tox21_400037

M4ID: 11453311

HILL MODEL (in red):

	tp	ga	gw
val:	9.28	2.03	7.98
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

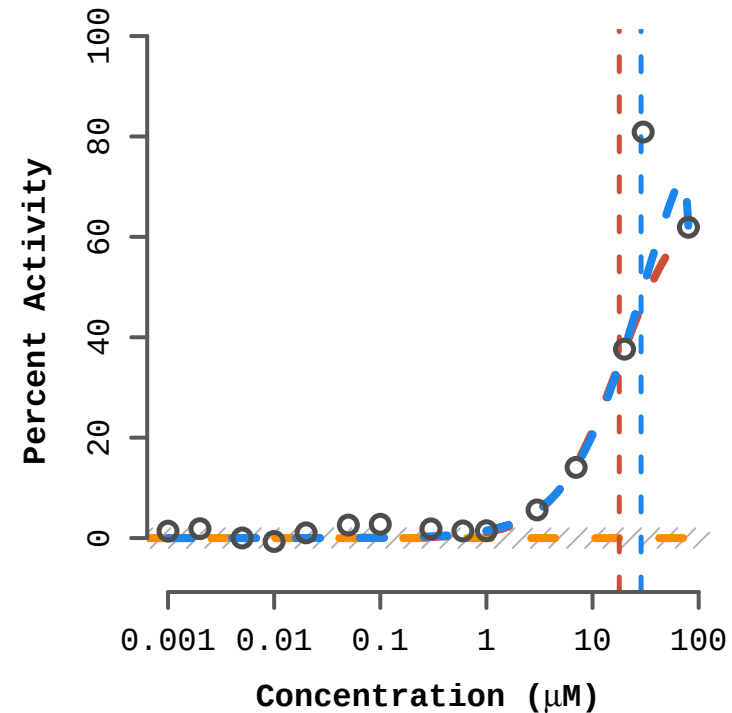
	tp	ga	gw	la	lw
val:	1.78	1.9	8	3.9	1.04
sd:	26.5	1.6	29.5	169	95

	CNST	HILL	GNLS
AIC:	112.21	117.4	121.41
PROB:	0.92	0.07	0.01
RMSE:	1.98	1.85	1.86

MAX_MEAN: 4.34

MAX_MED: 4.34

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Chloro-1,4-diaminobenzene sulfate

CHID: 20284 CASRN: 61702-44-1

SPID(S): Tox21_201310

M4ID: 11454502

HILL MODEL (in red):

	tp	ga	gw
val:	69.6	1.25	1.41
sd:	3.05	0.0419	0.128

GAIN-LOSS MODEL (in blue):

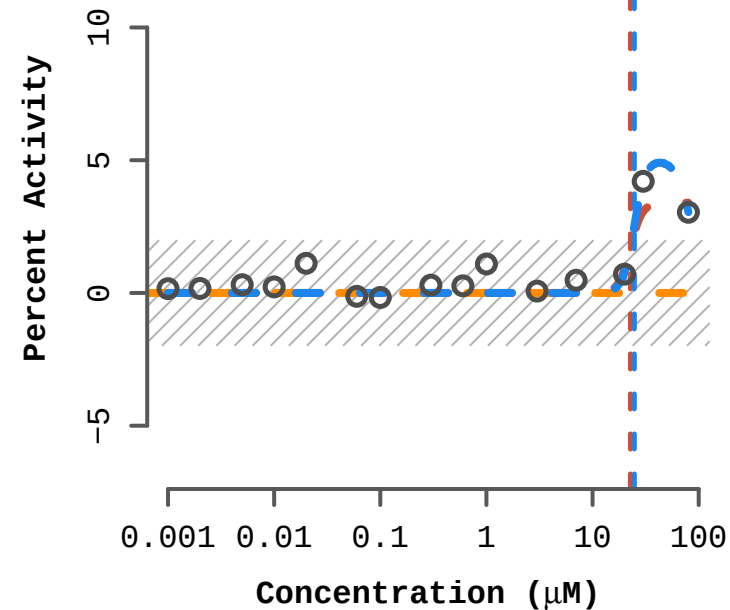
	tp	ga	gw	la	lw
val:	97.1	1.46	1.24	1.94	18
sd:	10.6	0.0711	0.0896	0.00613	4.59

	CNST	HILL	GNLS
AIC:	136.93	85.05	87.35
PROB:	0	0.76	0.24
RMSE:	28.35	8.86	8.1

MAX_MEAN: 80.9

MAX_MED: 80.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Chloro-4-methylaniline

CHID: 20286 CASRN: 95-74-9

SPID(S): Tox21_201871

M4ID: 11453941

HILL MODEL (in red):

	tp	ga	gw
val:	3.4	1.36	8
sd:	0.587	0.03	3.87

GAIN-LOSS MODEL (in blue):

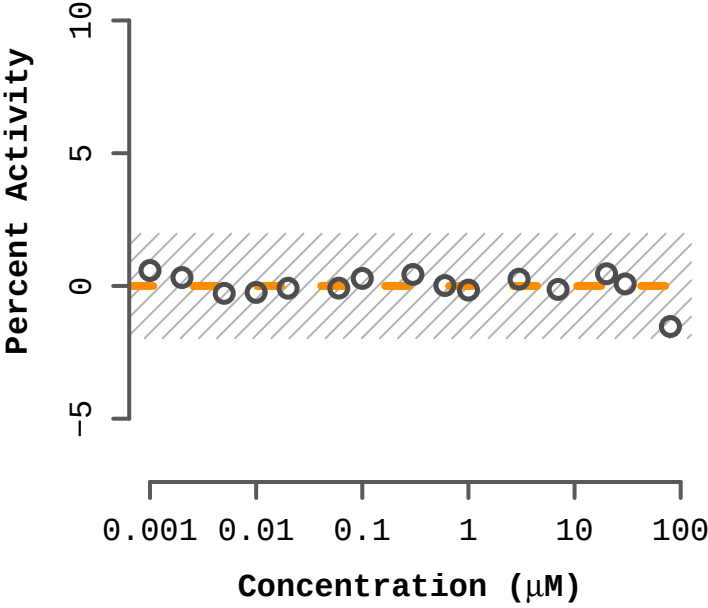
	tp	ga	gw	la	lw
val:	5.05	1.39	8	1.93	5.93
sd:	0.947	0.035	2.21	0.0274	7.46

	CNST	HILL	GNLS
AIC:	48.56	31.98	28
PROB:	0	0.12	0.88
RMSE:	1.43	0.55	0.45

MAX_MEAN: 4.21

MAX_MED: 4.21

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chloro-2-methylaniline hydrochloride

CHID: 20288 CASRN: 3165-93-3

SPID(S): Tox21_201283

M4ID: 11454529

HILL MODEL: Not applicable.

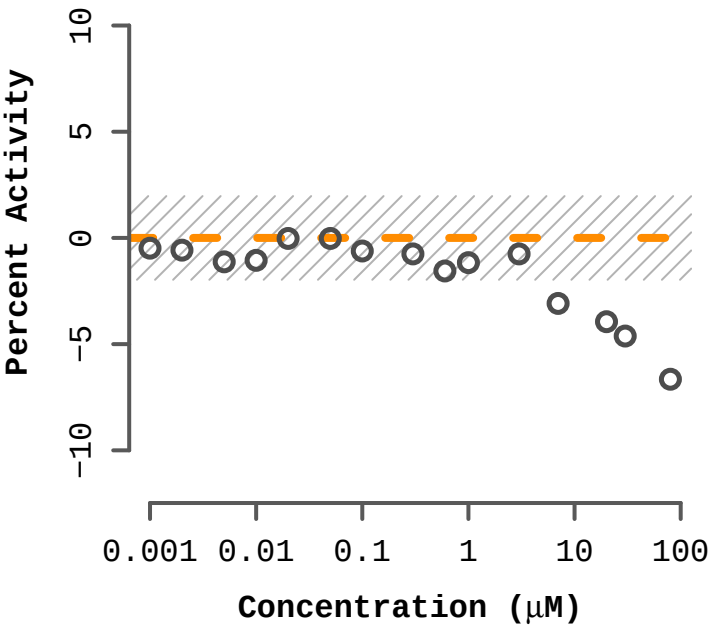
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.74	NA	NA
PROB:	1	NA	NA
RMSE:	0.48	NA	NA

MAX_MEAN: 0.584

MAX_MED: 0.584

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pirinixic acid

CHID: 20290 CASRN: 50892-23-4

SPID(S): Tox21_201609

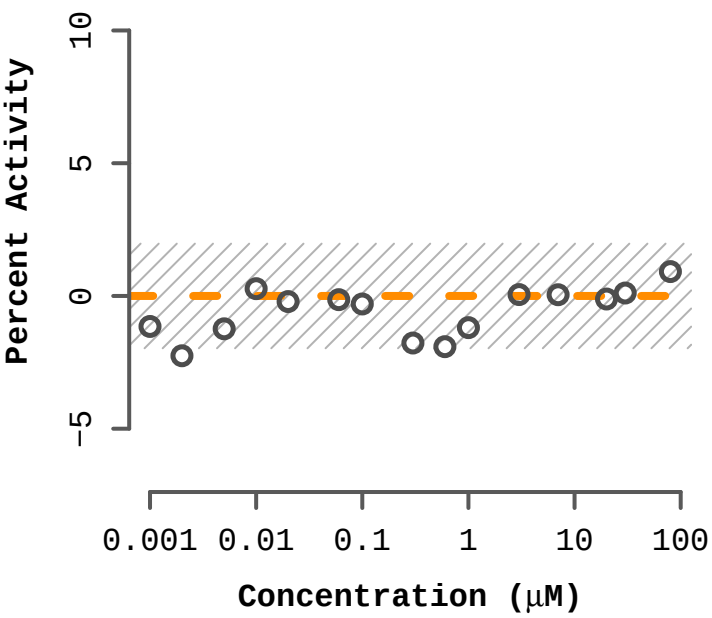
M4ID: 11454203

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	71.04	NA	NA
PROB:	1	NA	NA
RMSE:	2.57	NA	NA

MAX_MEAN: -0.0224 MAX_MED: -0.0224 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Chloroacetophenone

CHID: 20293 **CASRN:** 532-27-4

SPID(S): Tox21_202075

M4ID: 11453737

HILL MODEL: Not applicable.

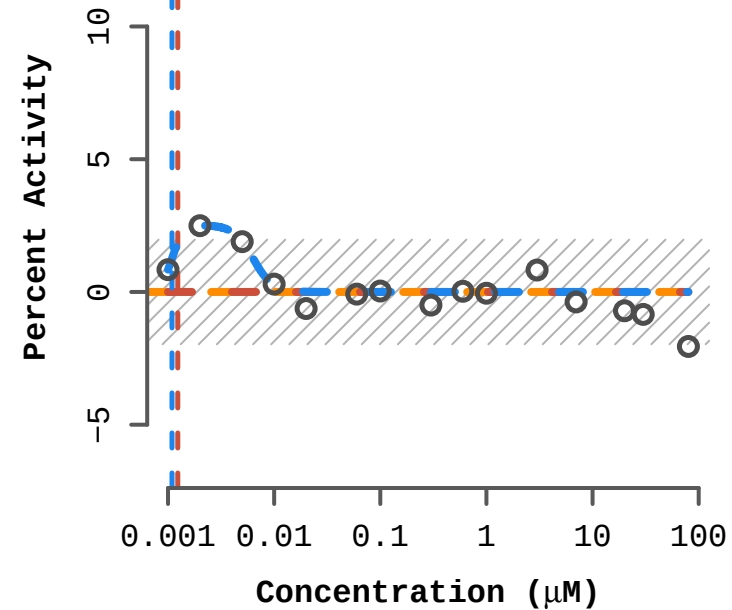
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.09	NA	NA
PROB:	1	NA	NA
RMSE:	1.07	NA	NA

MAX_MEAN: 0.919

MAX_MED: 0.919

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4'-(Chloroacetyl)acetanilide

CHID: 20294 CASRN: 140-49-8

SPID(S): Tox21_201314

M4ID: 11454498

HILL MODEL (in red):

	tp	ga	gw
val:	1.96e-10	-2.91	2.34
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

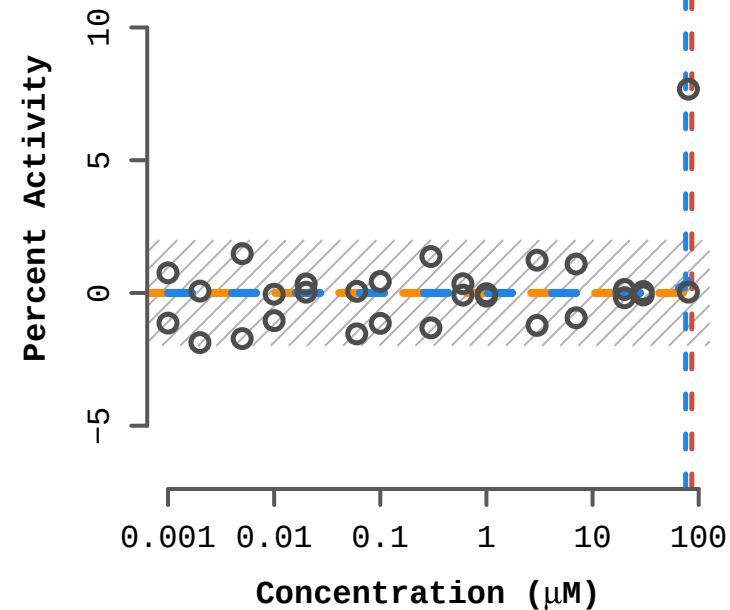
	tp	ga	gw	la	lw
val:	2.52	-2.96	8	-2.2	4.75
sd:	0.423	0.0611	11.6	0.0865	2.54

	CNST	HILL	GNLS
AIC:	46.29	52.29	39.38
PROB:	0.03	0	0.97
RMSE:	1.08	1.08	0.68

MAX_MEAN: 2.5

MAX_MED: 2.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chloroaniline

CHID: 20295 CASRN: 106-47-8

SPID(S): Tox21_400030

M4ID: 11453318

HILL MODEL (in red):

	tp	ga	gw
val:	1.22	1.94	7.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

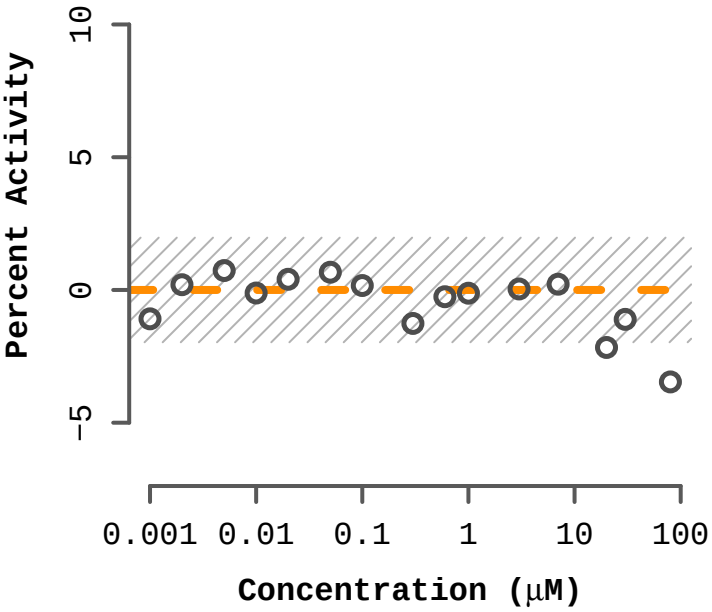
	tp	ga	gw	la	lw
val:	1.04	1.88	7.86	2.49	0.647
sd:	74.6	11	435	128	148

	CNST	HILL	GNLS
AIC:	98.89	104.6	108.6
PROB:	0.94	0.05	0.01
RMSE:	1.67	1.6	1.6

MAX_MEAN: 3.85

MAX_MED: 3.85

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chloroaniline hydrochloride

CHID: 20296 CASRN: 20265-96-7

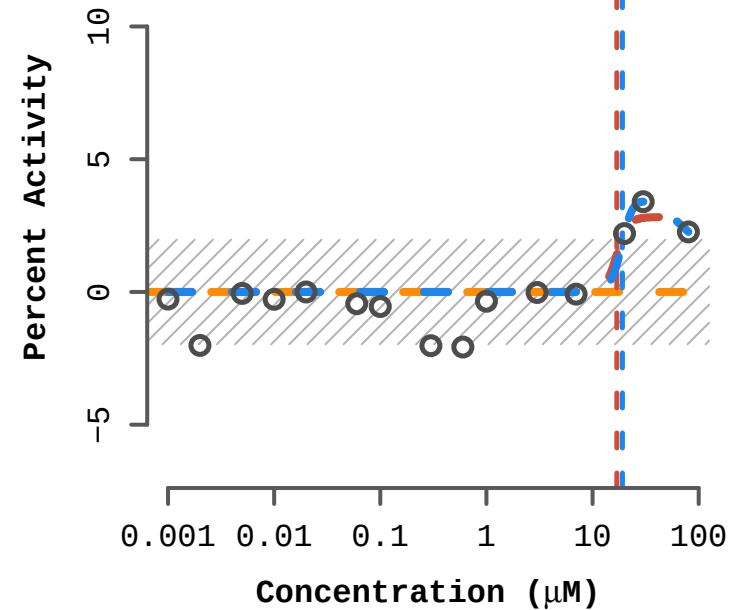
SPID(S): Tox21_201627

M4ID: 11454185

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.35	NA	NA
PROB:	1	NA	NA
RMSE:	1.21	NA	NA
MAX_MEAN:	0.733	MAX_MED: 0.733	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorobenzilate

CHID: 20299 CASRN: 510-15-6

SPID(S): Tox21_201753

M4ID: 11454059

HILL MODEL (in red):

	tp	ga	gw
val:	2.82	1.23	8
sd:	0.557	0.15	11.5

GAIN-LOSS MODEL (in blue):

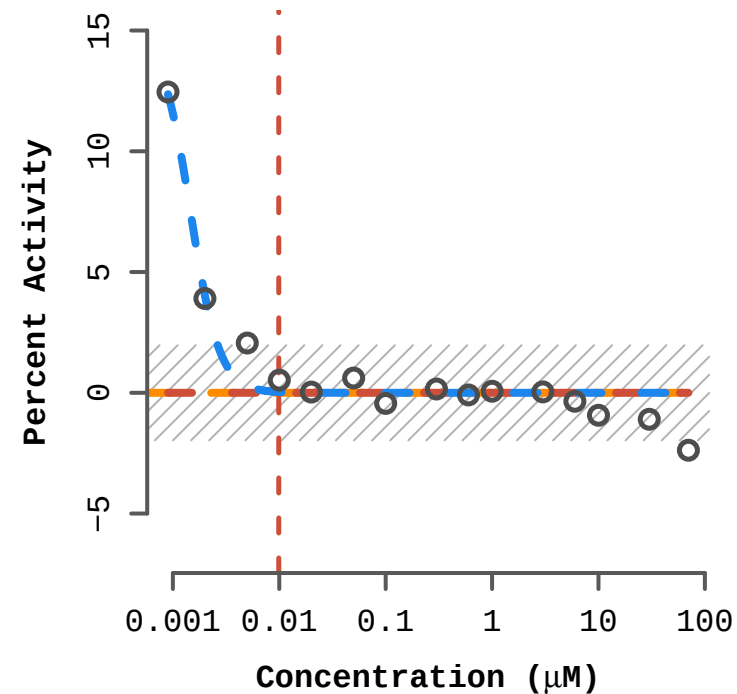
	tp	ga	gw	la	lw
val:	4.03	1.28	8	1.97	1.67
sd:	58.6	0.532	70.3	5.9	71.2

	CNST	HILL	GNLS
AIC:	57.43	47.07	48.73
PROB:	0	0.69	0.3
RMSE:	1.52	0.96	0.94

MAX_MEAN: 3.4

MAX_MED: 3.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chloromethyl methyl ether

CHID: 20307 CASRN: 107-30-2

SPID(S): Tox21_201575

M4ID: 11454237

HILL MODEL (in red):

	tp	ga	gw
val:	3.17e-10	-2	7.98
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

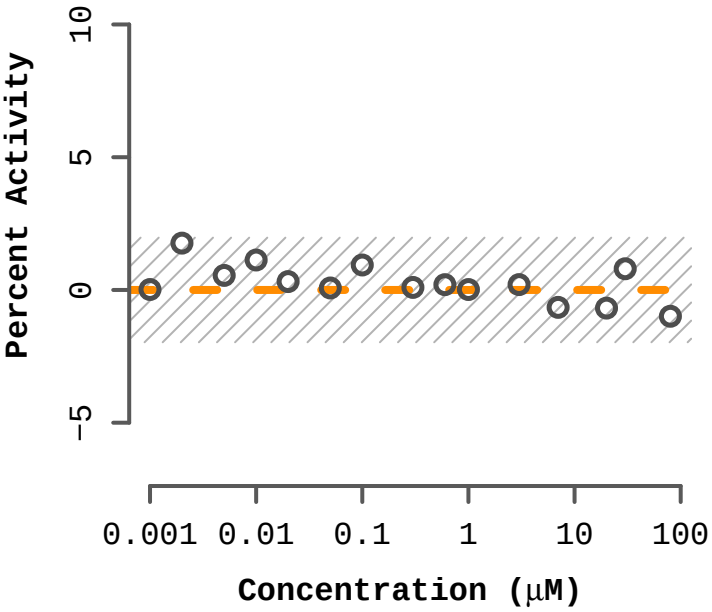
	tp	ga	gw	la	lw
val:	14.9	-4.17	7.98	-2.83	3.21
sd:	1.37	2580	18300	0.0381	0.649

	CNST	HILL	GNLS
AIC:	68.68	74.68	48.42
PROB:	0	0	1
RMSE:	3.5	3.5	0.89

MAX_MEAN: 12.5

MAX_MED: 12.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(Chloromethyl)pyridine hydrochloride

CHID: 20308 CASRN: 6959-47-3

SPID(S): Tox21_201329

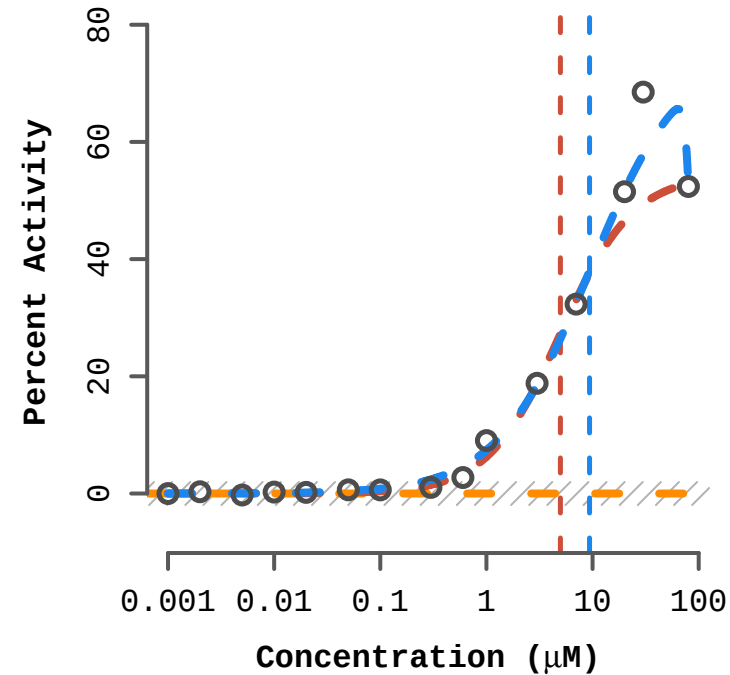
M4ID: 11454483

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.19	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN:	1.77	MAX_MED:	1.77	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-(Chloromethyl)pyridine hydrochloride

CHID: 20309 CASRN: 6959-48-4

SPID(S): Tox21_202370

M4ID: 11453442

HILL MODEL (in red):

	tp	ga	gw
val:	54.4	0.697	1.27
sd:	1.28	0.0271	0.106

GAIN-LOSS MODEL (in blue):

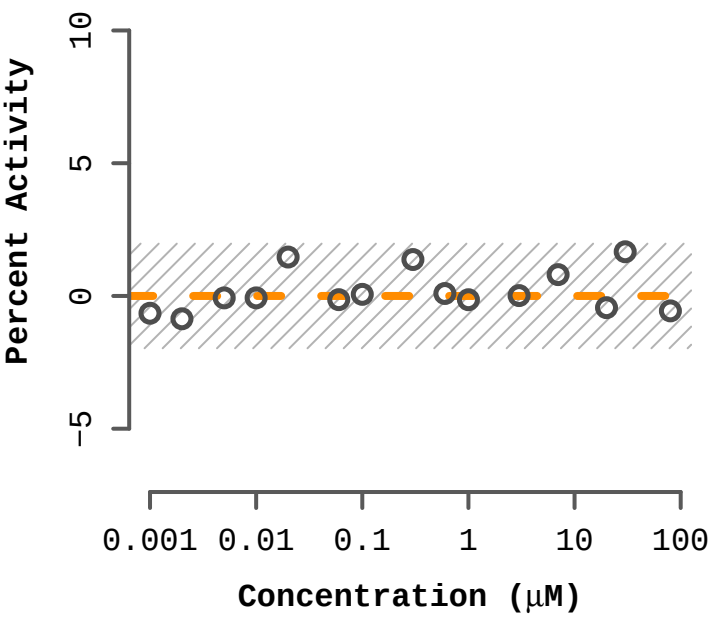
	tp	ga	gw	la	lw
val:	76	0.972	0.995	1.94	15.7
sd:	1.91	0.0265	0.038	0.00479	1.01

	CNST	HILL	GNLS
AIC:	141.84	77.72	65.03
PROB:	0	0	1
RMSE:	27.79	5.16	2.86

MAX_MEAN: 68.5

MAX_MED: 68.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorfenson

CHID: 20310 CASRN: 80-33-1

SPID(S): Tox21_201263

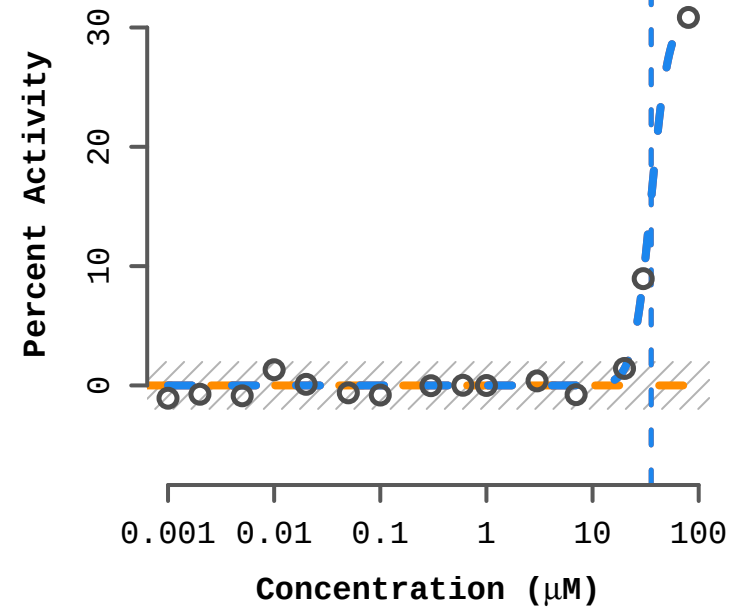
M4ID: 11454549

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.27	NA	NA
PROB:	1	NA	NA
RMSE:	0.78	NA	NA

MAX_MEAN: 1.67 MAX_MED: 1.67 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Monuron

CHID: 20311 CASRN: 150-68-5

SPID(S): Tox21_201439

M4ID: 11454373

HILL MODEL (in red):

	tp	ga	gw
val:	31.3	1.55	5.26
sd:	0.471	0.00845	0.379

GAIN-LOSS MODEL (in blue):

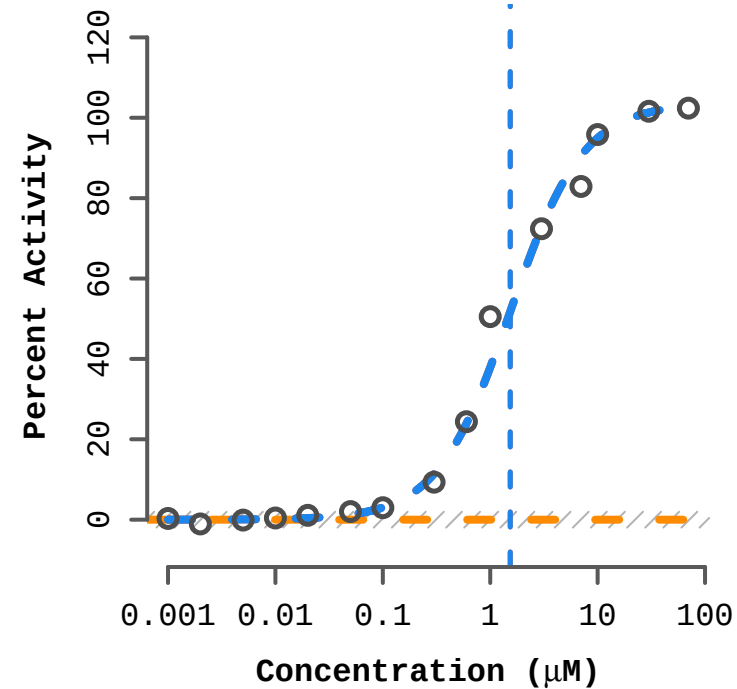
	tp	ga	gw	la	lw
val:	31.3	1.55	5.26	2.98	4.37
sd:	1.12	0.00847	0.423	414	1670

	CNST	HILL	GNLS
AIC:	82.23	37.61	41.61
PROB:	0	0.88	0.12
RMSE:	8.32	0.63	0.63

MAX_MEAN: 30.8

MAX_MED: 30.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tetrasul

CHID: 20314 CASRN: 2227-13-6

SPID(S): Tox21_202392

M4ID: 11453420

HILL MODEL (in red):

	tp	ga	gw
val:	104	0.186	1.28
sd:	0.833	0.0149	0.0436

GAIN-LOSS MODEL (in blue):

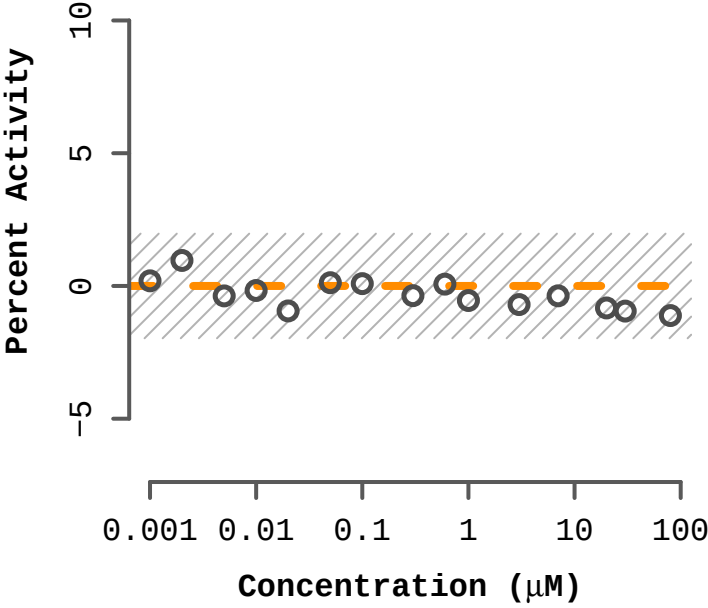
	tp	ga	gw	la	lw
val:	104	0.186	1.28	3.84	17.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	164.98	77.57	81.57
PROB:	0	0.88	0.12
RMSE:	54.99	3.88	3.88

MAX_MEAN: 102

MAX_MED: 102

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chloropicrin

CHID: 20315 CASRN: 76-06-2

SPID(S): Tox21_201570

M4ID: 11454242

HILL MODEL: Not applicable.

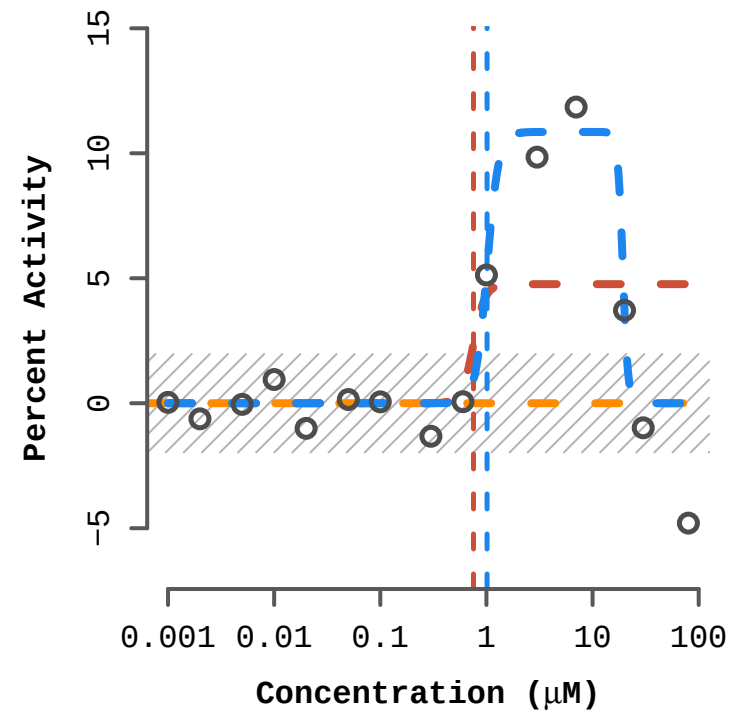
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.63	NA	NA

MAX_MEAN: 0.961

MAX_MED: 0.961

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorothalonil

CHID: 20319 CASRN: 1897-45-6

SPID(S): Tox21_201687

M4ID: 11454125

HILL MODEL (in red):

	tp	ga	gw
val:	4.76	-0.122	8
sd:	2	0.121	8.18

GAIN-LOSS MODEL (in blue):

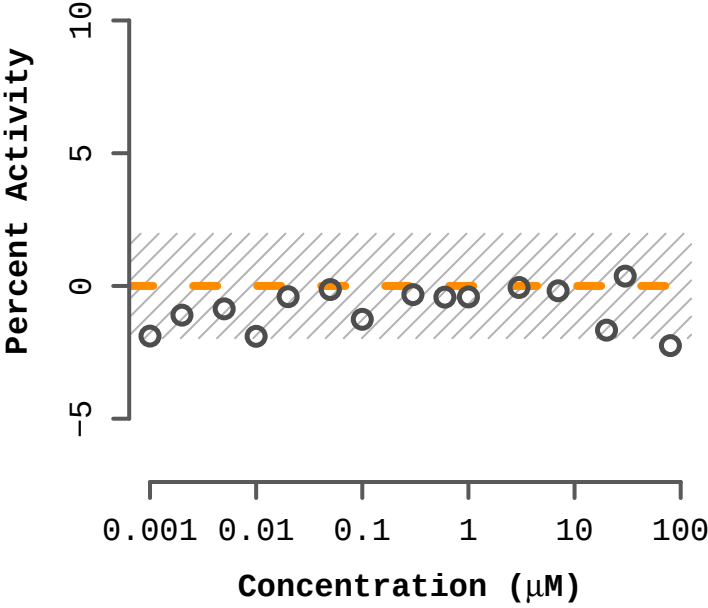
	tp	ga	gw	la	lw
val:	10.9	0.00602	8	1.29	18
sd:	0.915	0.0174	6.95	0.00897	9.16

	CNST	HILL	GNLS
AIC:	86.26	86.96	57.65
PROB:	0	0	1
RMSE:	4.51	3.71	1.42

MAX_MEAN: 11.8

MAX_MED: 11.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorpheniramine maleate

CHID: 20321 CASRN: 113-92-8

SPID(S): Tox21_202092

M4ID: 11453720

HILL MODEL: Not applicable.

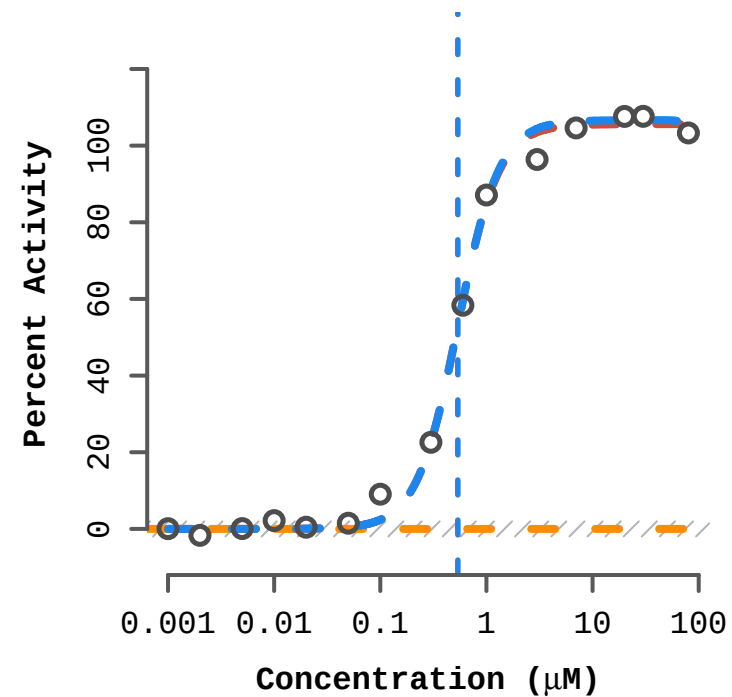
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.26	NA	NA
PROB:	1	NA	NA
RMSE:	1.13	NA	NA

MAX_MEAN: 0.371

MAX_MED: 0.371

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorpropamide

CHID: 20322 CASRN: 94-20-2

SPID(S): Tox21_201391

M4ID: 11454421

HILL MODEL (in red):

	tp	ga	gw
val:	106	-0.272	2.25
sd:	1.24	0.0125	0.158

GAIN-LOSS MODEL (in blue):

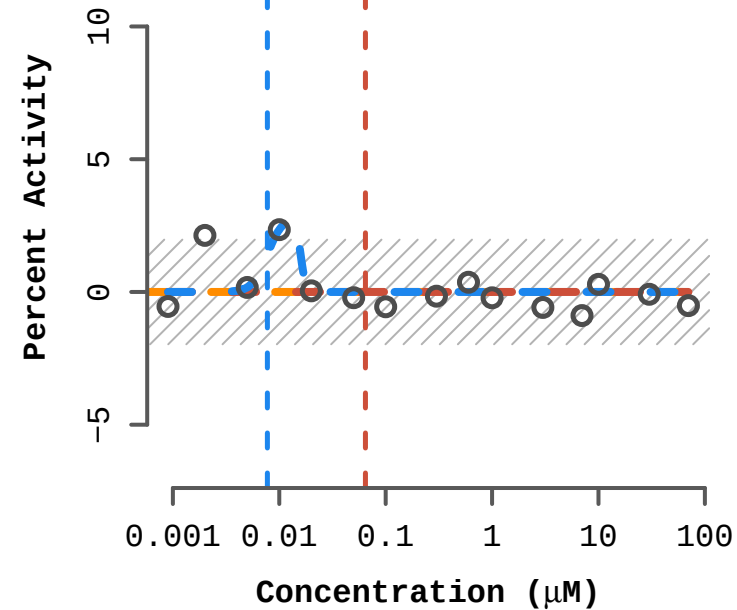
	tp	ga	gw	la	lw
val:	107	-0.267	2.24	2.04	11
sd:	1.26	0.0112	0.133	0.0532	4.96

	CNST	HILL	GNLS
AIC:	171.51	80.16	81.82
PROB:	0	0.7	0.3
RMSE:	66.17	2.88	2.91

MAX_MEAN: 108

MAX_MED: 108

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ciprofibrate

CHID: 20331 CASRN: 52214-84-3

SPID(S): Tox21_201359

M4ID: 11454453

HILL MODEL (in red):

	tp	ga	gw
val:	1.59e-11	-1.19	1.86
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

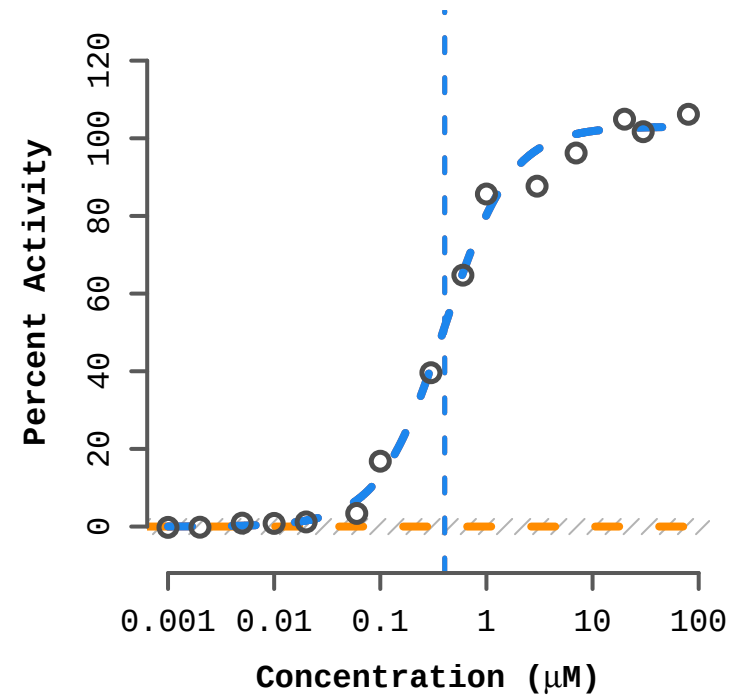
	tp	ga	gw	la	lw
val:	2.82	-2.11	6.25	-1.8	18
sd:	23.9	2.44	61.2	0.334	71.6

	CNST	HILL	GNLS
AIC:	38.32	44.32	38.61
PROB:	0.52	0.03	0.45
RMSE:	0.91	0.91	0.68

MAX_MEAN: 2.35

MAX_MED: 2.35

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Citric acid

CHID: 20332 CASRN: 77-92-9

SPID(S): Tox21_202405

M4ID: 11453407

HILL MODEL (in red):

	tp	ga	gw
val:	103	-0.393	1.39
sd:	1.85	0.0255	0.177

GAIN-LOSS MODEL (in blue):

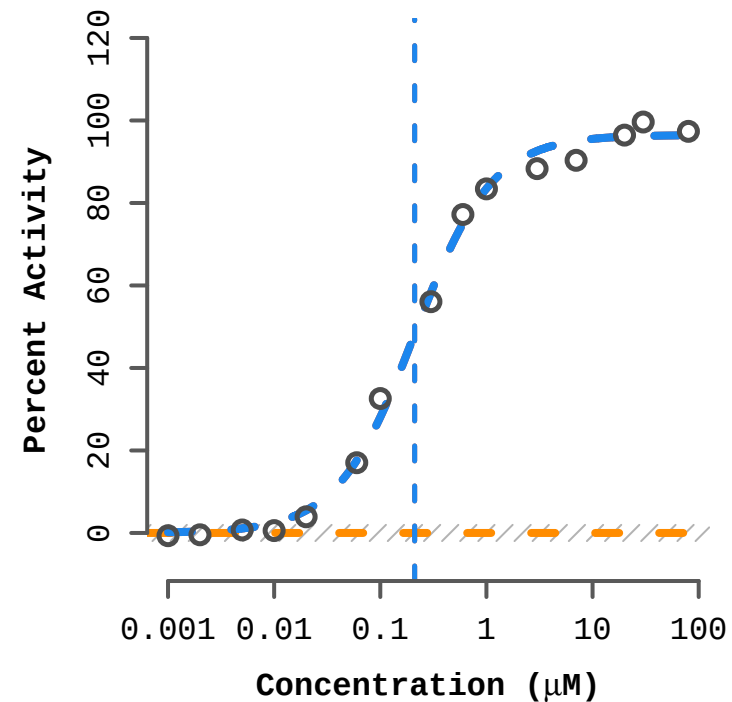
	tp	ga	gw	la	lw
val:	103	-0.393	1.39	3.25	8.13
sd:	1.85	0.0255	0.177	8420	50700

	CNST	HILL	GNLS
AIC:	171.15	87.46	91.46
PROB:	0	0.88	0.12
RMSE:	64.8	3.54	3.54

MAX_MEAN: 106

MAX_MED: 106

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Clofibrate

CHID: 20336 CASRN: 637-07-0

SPID(S): Tox21_202414

M4ID: 11453398

HILL MODEL (in red):

	tp	ga	gw
val:	96.5	-0.676	1.19
sd:	1.37	0.0313	0.0658

GAIN-LOSS MODEL (in blue):

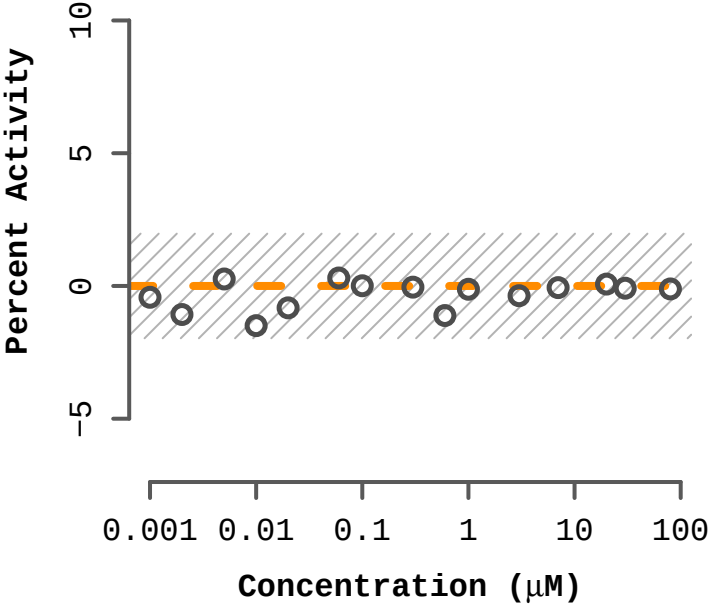
	tp	ga	gw	la	lw
val:	96.5	-0.676	1.19	3.66	5.62
sd:	1.37	0.0313	0.0658	4280	13700

	CNST	HILL	GNLS
AIC:	171.41	78.4	82.4
PROB:	0	0.88	0.12
RMSE:	64.35	2.46	2.46

MAX_MEAN: 99.6

MAX_MED: 99.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Coumaphos

CHID: 20347 CASRN: 56-72-4

SPID(S): Tox21_201841

M4ID: 11453971

HILL MODEL: Not applicable.

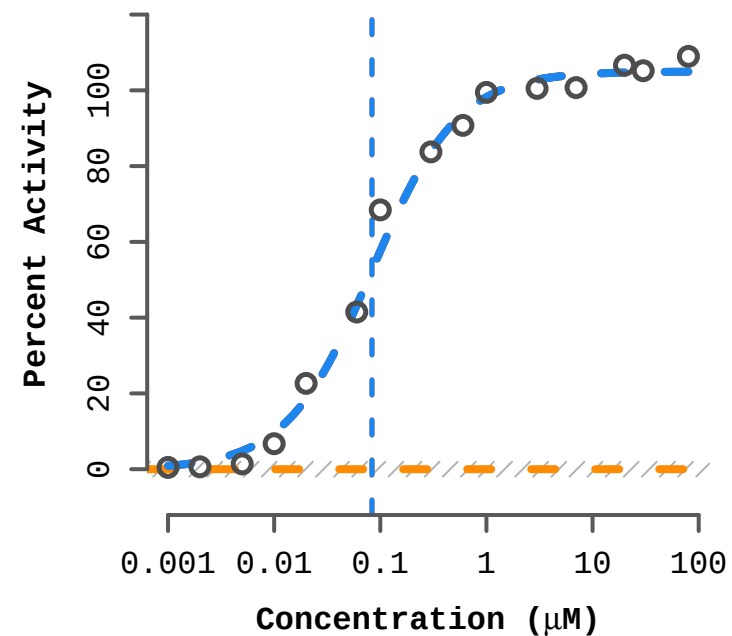
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.17	NA	NA
PROB:	1	NA	NA
RMSE:	0.62	NA	NA

MAX_MEAN: 0.301

MAX_MED: 0.301

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Coumarin

CHID: 20348 CASRN: 91-64-5

SPID(S): Tox21_202427

M4ID: 11453385

HILL MODEL (in red):

	tp	ga	gw
val:	105	-1.08	1.08
sd:	1.57	0.0416	0.081

GAIN-LOSS MODEL (in blue):

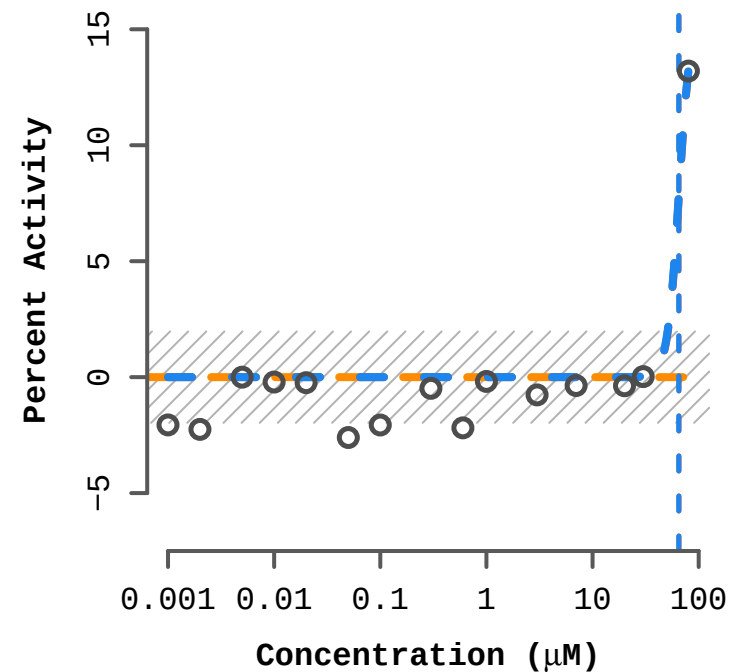
	tp	ga	gw	la	lw
val:	105	-1.08	1.08	2.46	16.6
sd:	1.57	0.0416	0.081	297	8800

	CNST	HILL	GNLS
AIC:	176.9	88.35	92.35
PROB:	0	0.88	0.12
RMSE:	76.02	3.72	3.72

MAX_MEAN: 109

MAX_MED: 109

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methoxy-2-methylaniline

CHID: 20349 CASRN: 102-50-1

SPID(S): Tox21_201440

M4ID: 11454372

HILL MODEL (in red):

	tp	ga	gw
val:	15.8	1.81	8
sd:	31.4	0.173	46.3

GAIN-LOSS MODEL (in blue):

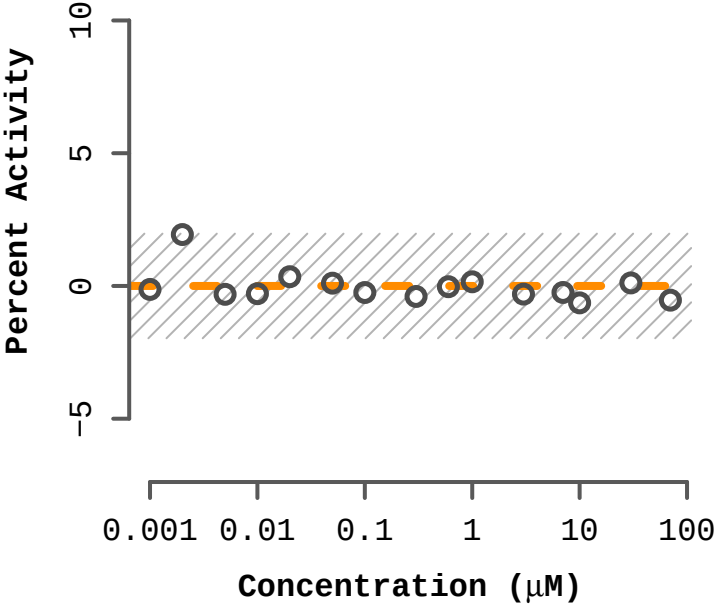
	tp	ga	gw	la	lw
val:	15.8	1.81	8	3.89	1.14
sd:	65.9	0.361	60.3	80.1	39.4

	CNST	HILL	GNLS
AIC:	70.32	59.1	63.1
PROB:	0	0.88	0.12
RMSE:	3.66	1.33	1.33

MAX_MEAN: 13.2

MAX_MED: 13.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methoxy-5-methylaniline

CHID: 20350 CASRN: 120-71-8

SPID(S): Tox21_201907

M4ID: 11453905

HILL MODEL: Not applicable.

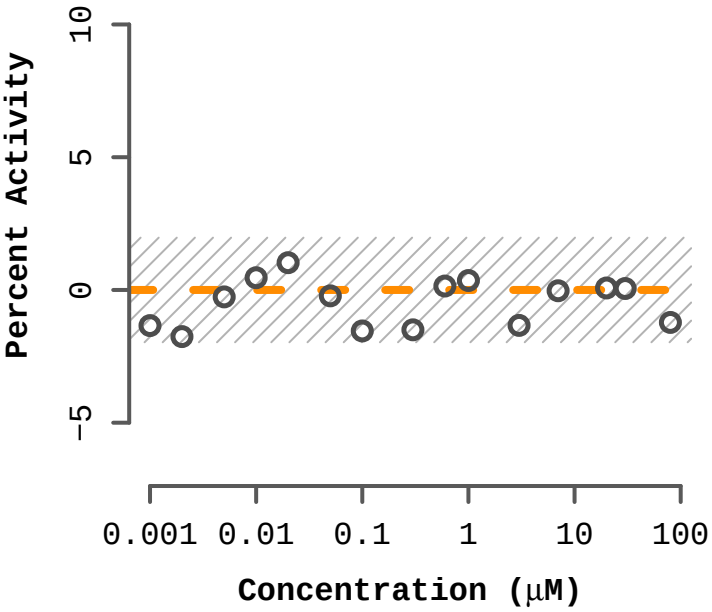
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	22.92	NA	NA
PROB:	1	NA	NA
RMSE:	0.59	NA	NA

MAX_MEAN: 1.94

MAX_MED: 1.94

BMAD: 0.657



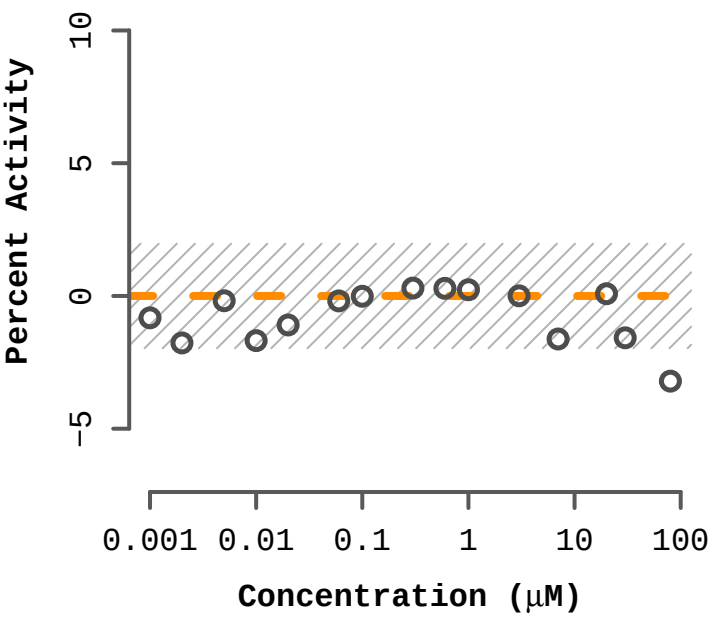
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cupferron
CHID: 20352 CASRN: 135-20-6
SPID(S): Tox21_201493
M4ID: 11454319

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.34	NA	NA
PROB:	1	NA	NA
RMSE:	0.98	NA	NA
MAX_MEAN:	1.03	MAX_MED:	1.03
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

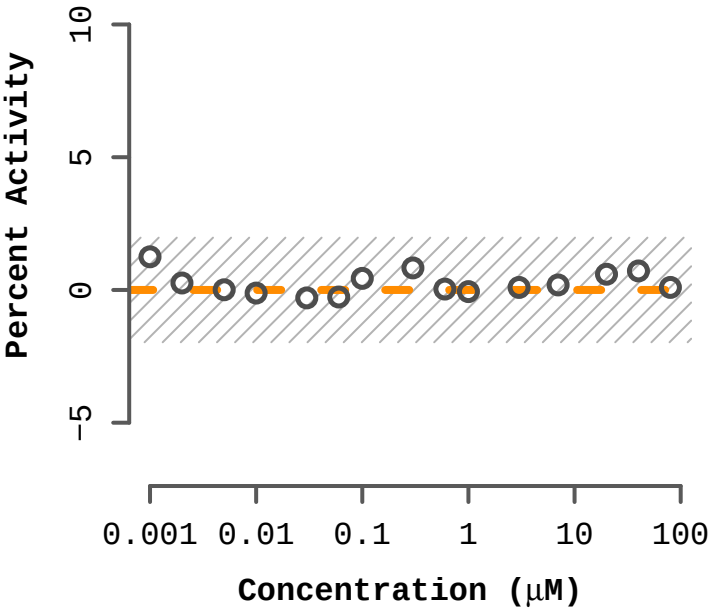
NAME: Cyanoguanidine
CHID: 20354 CASRN: 461-58-5
SPID(S): Tox21_201513
M4ID: 11454299

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	50.67	NA	NA
PROB:	1	NA	NA
RMSE:	1.25	NA	NA

MAX_MEAN: 0.298 MAX_MED: 0.298 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

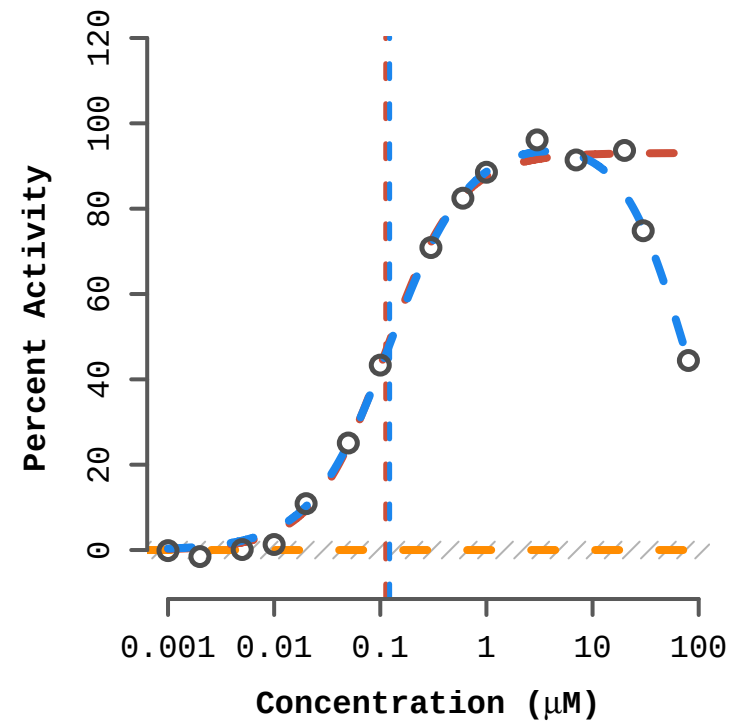
NAME: Cyclohexanone
CHID: 20359 CASRN: 108-94-1
SPID(S): Tox21_202121
M4ID: 11453691

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	22.31	NA	NA
PROB:	1	NA	NA
RMSE:	0.49	NA	NA

MAX_MEAN: 1.25 MAX_MED: 1.25 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Cyclohexyl-2-benzothiazolesulfenamide

CHID: 20360 CASRN: 95-33-0

SPID(S): Tox21_202436

M4ID: 11453376

HILL MODEL (in red):

	tp	ga	gw
val:	93.1	-0.948	1.26
sd:	1.73	0.0308	0.0883

GAIN-LOSS MODEL (in blue):

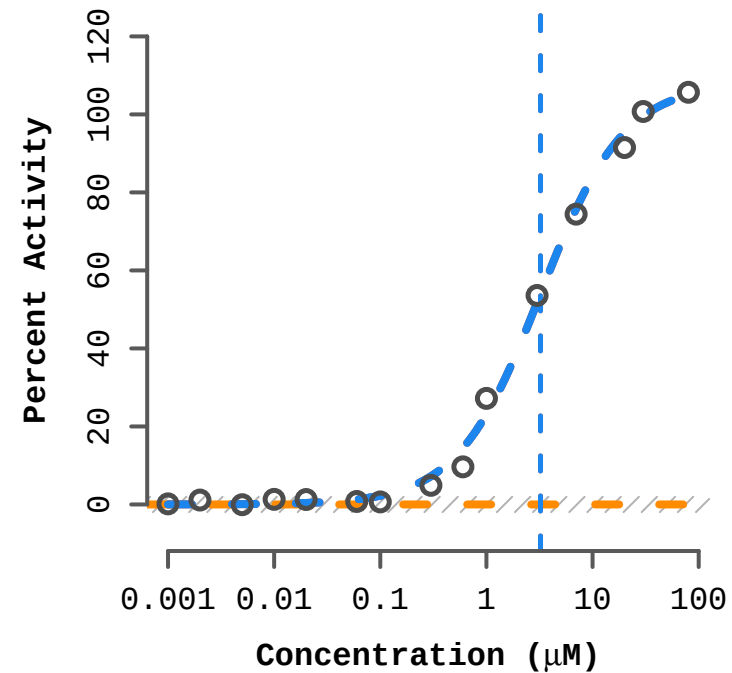
	tp	ga	gw	la	lw
val:	96.3	-0.912	1.17	1.86	1.48
sd:	1.77	0.0248	0.0551	0.018	0.136

	CNST	HILL	GNLS
AIC:	169.98	108.09	80.2
PROB:	0	0	1
RMSE:	61.23	13.5	3.02

MAX_MEAN: 96.1

MAX_MED: 96.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyclohexylamine hydrochloride

CHID: 20361 CASRN: 4998-76-9

SPID(S): Tox21_201289

M4ID: 11454523

HILL MODEL (in red):

	tp	ga	gw
val:	108	0.51	1.11
sd:	2.2	0.0317	0.101

GAIN-LOSS MODEL (in blue):

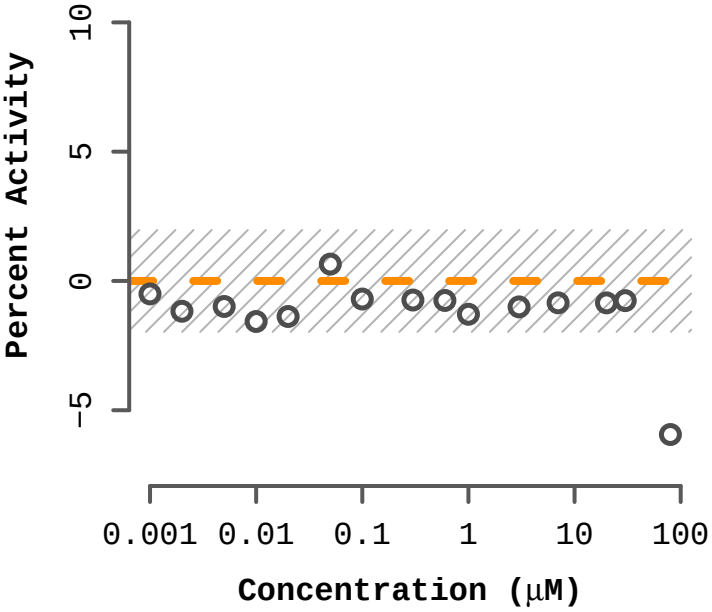
	tp	ga	gw	la	lw
val:	108	0.51	1.11	3.61	5.15
sd:	2.2	0.0317	0.101	1240	3730

	CNST	HILL	GNLS
AIC:	161.53	74.56	78.56
PROB:	0	0.88	0.12
RMSE:	50.97	2.21	2.21

MAX_MEAN: 106

MAX_MED: 106

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyproterone acetate

CHID: 20366 CASRN: 427-51-0

SPID(S): Tox21_201686

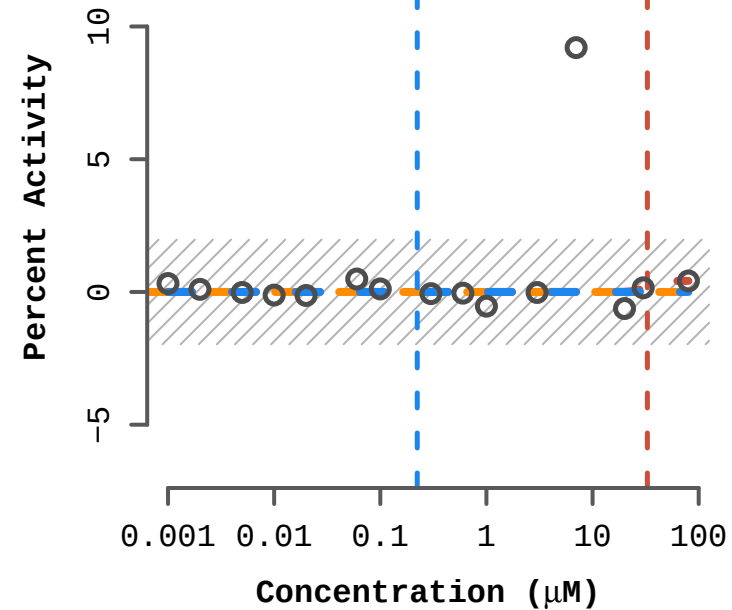
M4ID: 11454126

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	57.3	NA	NA
PROB:	1	NA	NA
RMSE:	1.81	NA	NA

MAX_MEAN: 0.653 MAX_MED: 0.653 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Daminozide

CHID: 20370 CASRN: 1596-84-5

SPID(S): Tox21_202199

M4ID: 11453613

HILL MODEL (in red):

	tp	ga	gw
val:	0.417	1.52	8
sd:	0.238	0.2	15.1

GAIN-LOSS MODEL (in blue):

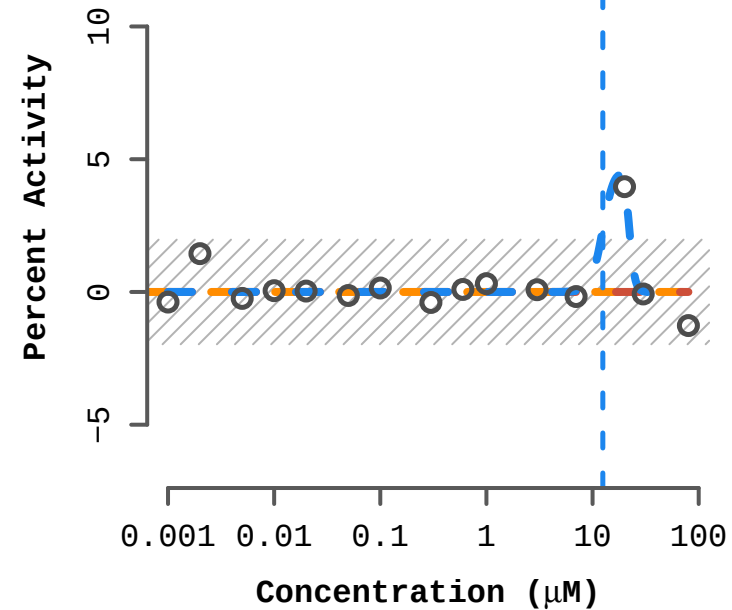
	tp	ga	gw	la	lw
val:	8e-10	-0.652	6.73	-0.398	4.56
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	36.08	39.75	46.08
PROB:	0.86	0.14	0.01
RMSE:	2.39	2.39	2.39

MAX_MEAN: 9.2

MAX_MED: 9.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dapsone

CHID: 20371 CASRN: 80-08-0

SPID(S): Tox21_201347

M4ID: 11454465

HILL MODEL (in red):

	tp	ga	gw
val:	4.51e-10	2.32	3.41
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

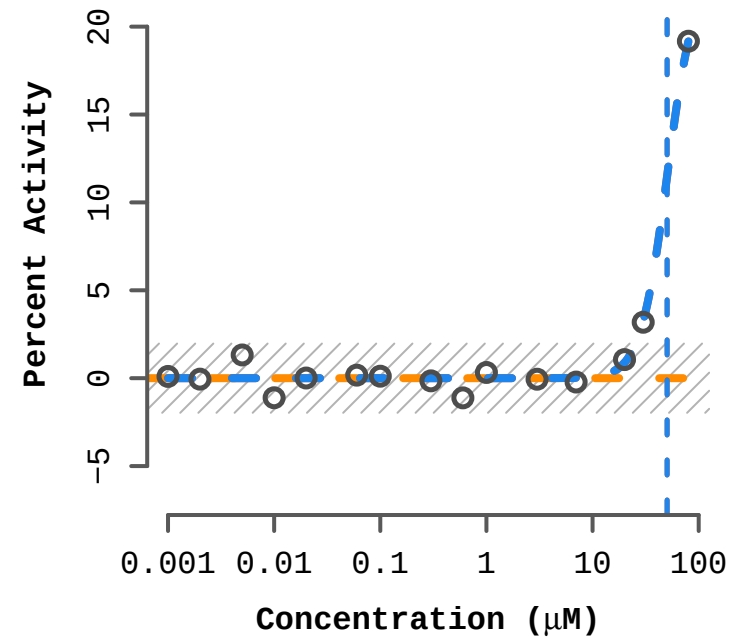
	tp	ga	gw	la	lw
val:	4.76	1.1	8	1.35	16.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	37.57	43.57	30.38
PROB:	0.03	0	0.97
RMSE:	1.15	1.15	0.53

MAX_MEAN: 3.97

MAX_MED: 3.97

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: p,p'-DDD

CHID: 20373 CASRN: 72-54-8

SPID(S): Tox21_201296

M4ID: 11454516

HILL MODEL (in red):

	tp	ga	gw
val:	23	1.7	3.48
sd:	0.793	0.0177	0.2

GAIN-LOSS MODEL (in blue):

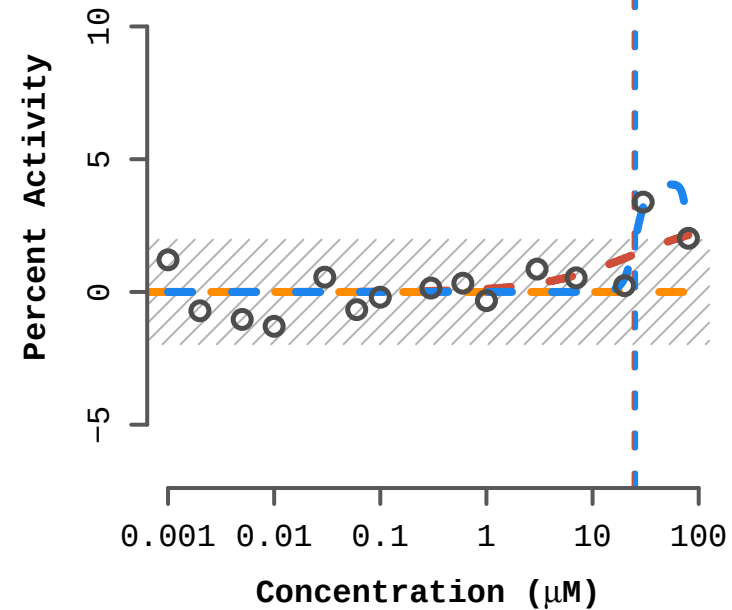
	tp	ga	gw	la	lw
val:	23	1.7	3.48	3.63	4.68
sd:	0.793	0.0177	0.2	1560	4230

	CNST	HILL	GNLS
AIC:	66.31	28.7	32.7
PROB:	0	0.88	0.12
RMSE:	5.05	0.55	0.55

MAX_MEAN: 19.2

MAX_MED: 19.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: p,p'-DDE

CHID: 20374 CASRN: 72-55-9

SPID(S): Tox21_201260

M4ID: 11454552

HILL MODEL (in red):

	tp	ga	gw
val:	2.82	1.39	0.983
sd:	2.87	1.25	1.17

GAIN-LOSS MODEL (in blue):

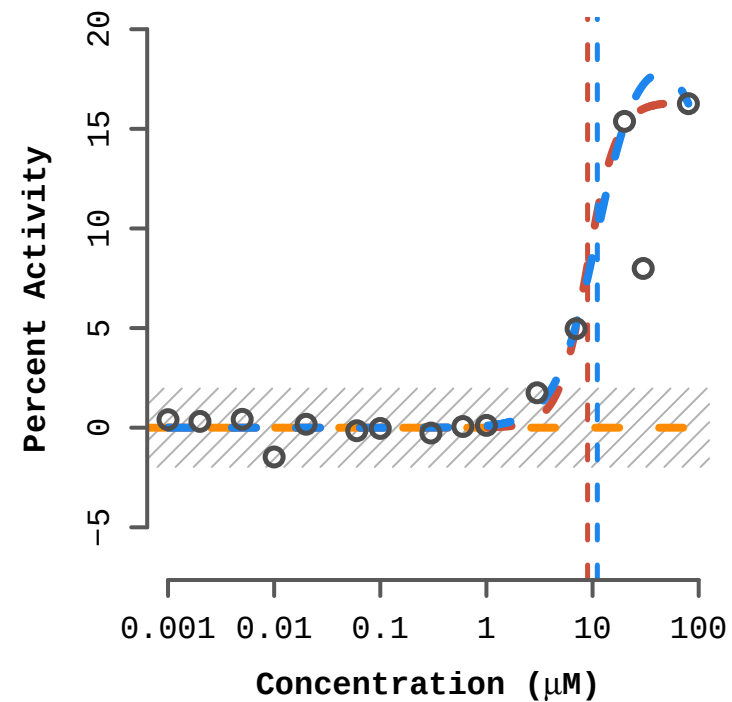
	tp	ga	gw	la	lw
val:	4.06	1.41	8	1.9	17.5
sd:	2.09	0.0842	4.6	0.0223	2170

	CNST	HILL	GNLS
AIC:	49.04	46.4	44.3
PROB:	0.06	0.24	0.69
RMSE:	1.22	0.84	0.68

MAX_MEAN: 3.38

MAX_MED: 3.38

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: p,p'-DDT

CHID: 20375 CASRN: 50-29-3

SPID(S): Tox21_201495

M4ID: 11454317

HILL MODEL (in red):

	tp	ga	gw
val:	16.3	0.953	3.19
sd:	0.426	0.0231	0.551

GAIN-LOSS MODEL (in blue):

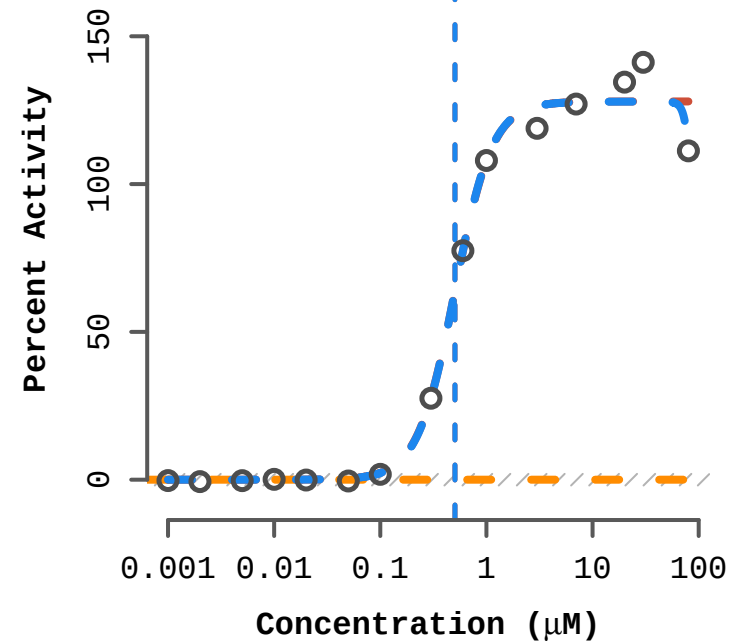
	tp	ga	gw	la	lw
val:	19.5	1.05	2.21	2.23	2.25
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	93.6	51.08	53.39
PROB:	0	0.76	0.24
RMSE:	6.3	2.14	2.43

MAX_MEAN: 16.3

MAX_MED: 16.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dehydroepiandrosterone

CHID: 20379 CASRN: 53-43-0

SPID(S): Tox21_201996

M4ID: 11453816

HILL MODEL (in red):

	tp	ga	gw
val:	128	-0.296	2.46
sd:	3.18	0.0159	0.178

GAIN-LOSS MODEL (in blue):

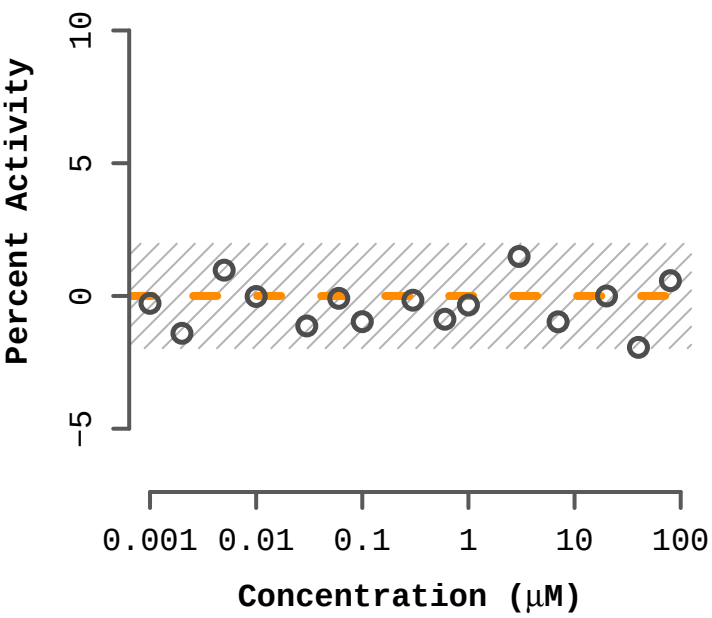
	tp	ga	gw	la	lw
val:	128	-0.297	2.48	1.97	12.7
sd:	1.26	0.0067	0.0746	0.00581	0.692

	CNST	HILL	GNLS
AIC:	177.67	99.01	88.41
PROB:	0	0	1
RMSE:	81.29	6.09	4.31

MAX_MEAN: 141

MAX_MED: 141

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Deltamethrin

CHID: 20381 **CASRN:** 52918-63-5

SPID(S): Tox21_201432

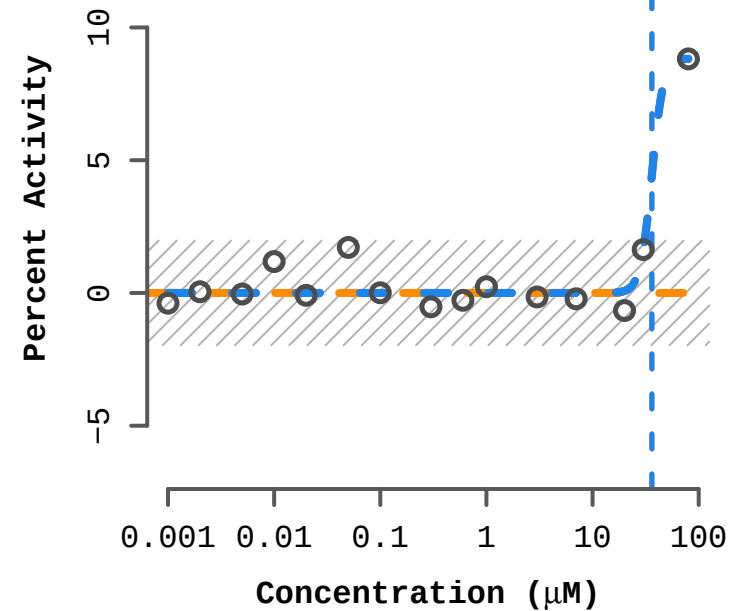
M4ID: 11454380

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.29	NA	NA
PROB:	1	NA	NA
RMSE:	0.94	NA	NA

MAX_MEAN: 1.49 **MAX_MED:** 1.49 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diallyl phthalate

CHID: 20392 CASRN: 131-17-9

SPID(S): Tox21_201961

M4ID: 11453851

HILL MODEL (in red):

	tp	ga	gw
val:	8.83	1.56	8
sd:	0.326	0.0236	2.1

GAIN-LOSS MODEL (in blue):

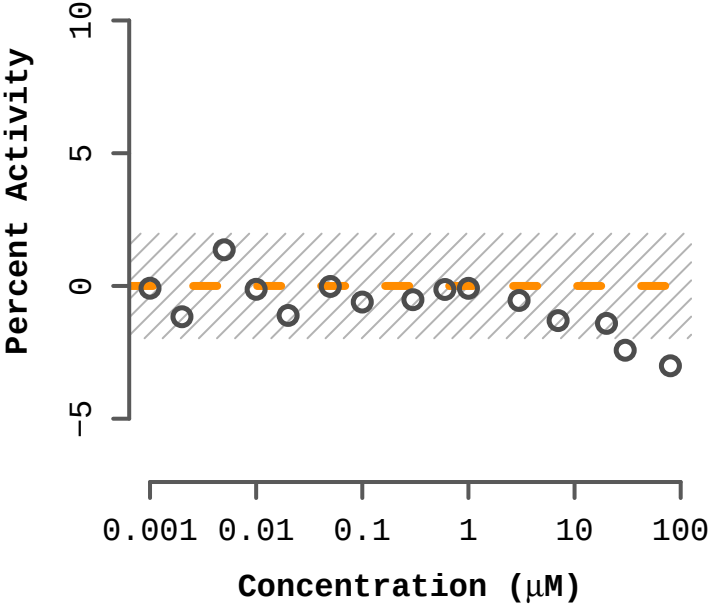
	tp	ga	gw	la	lw
val:	9	1.56	8	3.22	1.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	53.39	31.72	35.72
PROB:	0	0.88	0.12
RMSE:	2.39	0.61	0.61

MAX_MEAN: 8.82

MAX_MED: 8.82

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Diaminophenol dihydrochloride

CHID: 20401 CASRN: 137-09-7

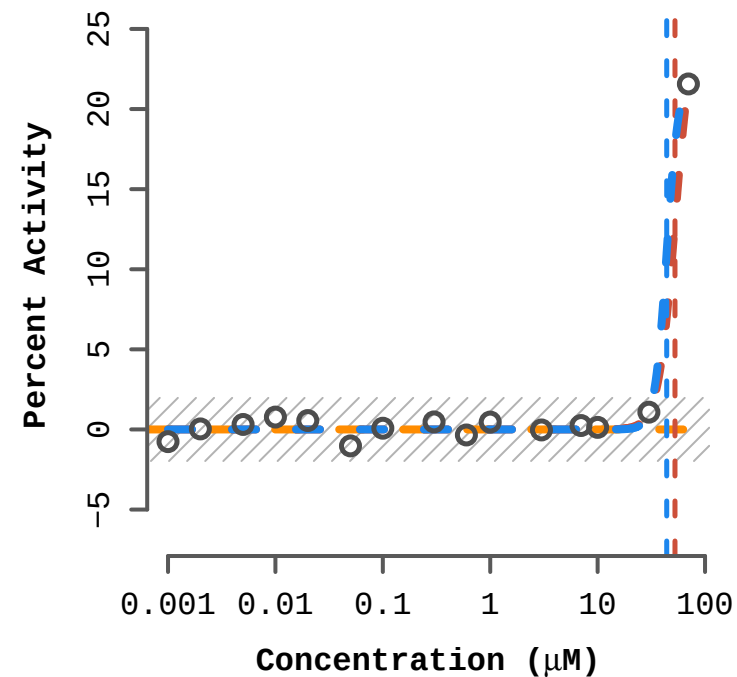
SPID(S): Tox21_201248

M4ID: 11454564

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51.49	NA	NA
PROB:	1	NA	NA
RMSE:	1.26	NA	NA
MAX_MEAN: 1.36		MAX_MED: 1.36	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Diaminotoluene

CHID: 20402 CASRN: 95-80-7

SPID(S): Tox21_201411

M4ID: 11454401

HILL MODEL (in red):

	tp	ga	gw
val:	25.9	1.72	5.6
sd:	1.13	0.0142	0.599

GAIN-LOSS MODEL (in blue):

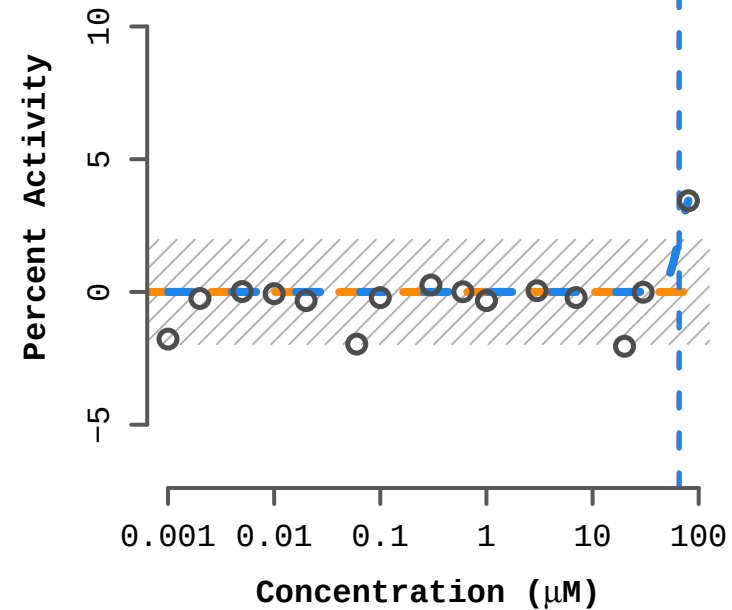
	tp	ga	gw	la	lw
val:	22.2	1.64	7.78	2.07	11.6
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	57.54	28.4	32.4
PROB:	0	0.88	0.12
RMSE:	5.6	0.47	0.47

MAX_MEAN: 21.6

MAX_MED: 21.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diazepam

CHID: 20406 CASRN: 439-14-5

SPID(S): Tox21_202458

M4ID: 11453354

HILL MODEL (in red):

	tp	ga	gw
val:	4.13	1.82	8
sd:	7.02	0.424	23.6

GAIN-LOSS MODEL (in blue):

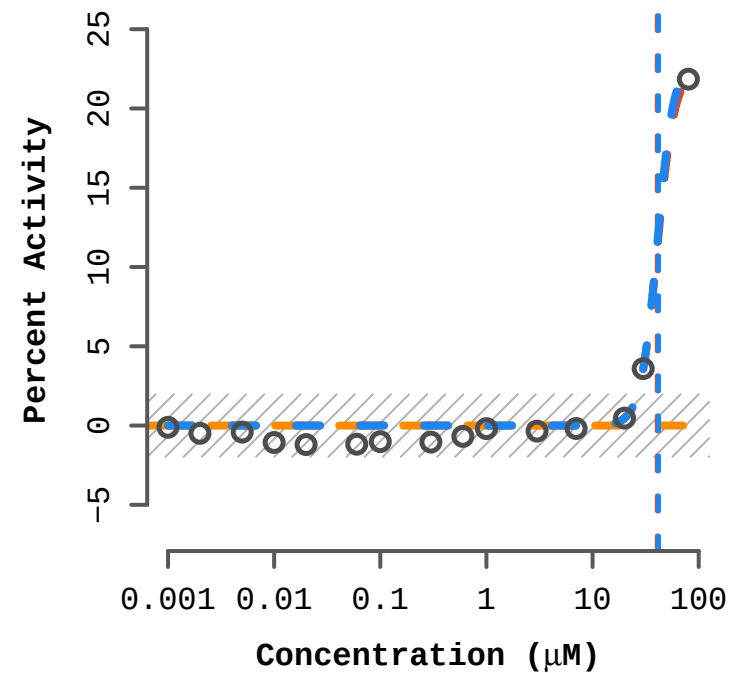
	tp	ga	gw	la	lw
val:	4.13	1.82	7.99	2.58	8.13
sd:	7.29	0.442	23.8	715	8640

	CNST	HILL	GNLS
AIC:	47.5	41.8	45.8
PROB:	0.05	0.84	0.11
RMSE:	1.25	0.88	0.88

MAX_MEAN: 3.44

MAX_MED: 3.44

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diazinon

CHID: 20407 CASRN: 333-41-5

SPID(S): Tox21_201409

M4ID: 11454403

HILL MODEL (in red):

	tp	ga	gw
val:	22.4	1.61	5.41
sd:	0.722	0.0259	0.895

GAIN-LOSS MODEL (in blue):

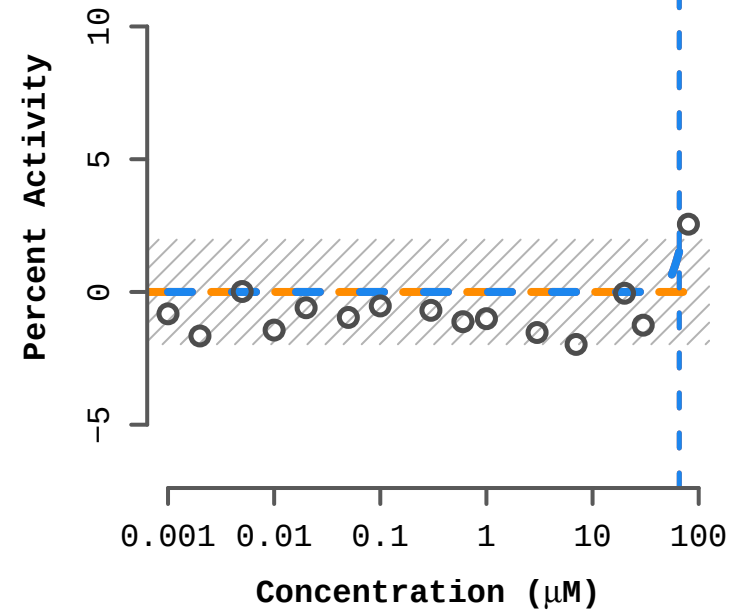
	tp	ga	gw	la	lw
val:	26.1	1.62	5.4	2.4	1.59
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	70.67	40.72	44.72
PROB:	0	0.88	0.12
RMSE:	5.76	0.69	0.69

MAX_MEAN: 21.9

MAX_MED: 21.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dibenzo-p-dioxin

CHID: 20410 CASRN: 262-12-4

SPID(S): Tox21_202045

M4ID: 11453767

HILL MODEL (in red):

	tp	ga	gw
val:	3.06	1.82	8
sd:	6.52	0.579	16

GAIN-LOSS MODEL (in blue):

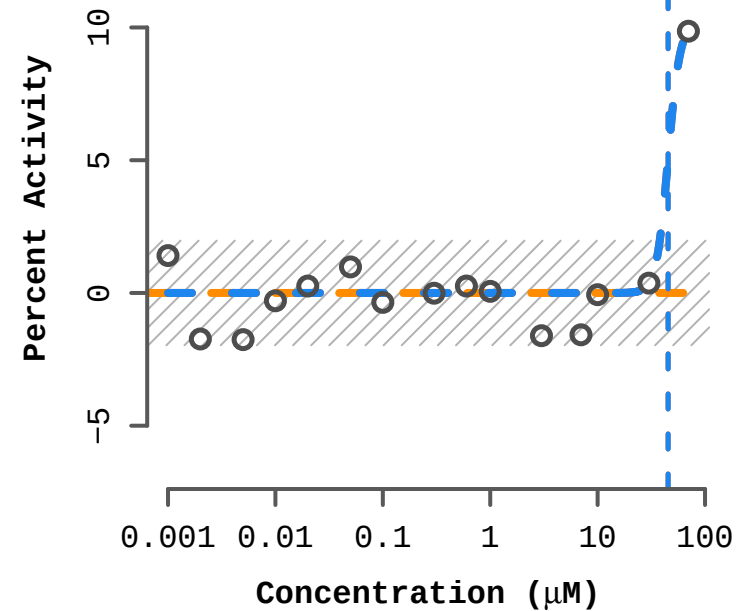
	tp	ga	gw	la	lw
val:	3.06	1.82	8	2.71	8.22
sd:	6.52	0.579	16	1540	15700

	CNST	HILL	GNLS
AIC:	53.59	55.09	59.09
PROB:	0.65	0.31	0.04
RMSE:	1.27	1.08	1.08

MAX_MEAN: 2.55

MAX_MED: 2.55

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Dibromoethane

CHID: 20415 CASRN: 106-93-4

SPID(S): Tox21_201427

M4ID: 11454385

HILL MODEL (in red):

	tp	ga	gw
val:	10.2	1.66	7.98
sd:	45.5	4.11	173

GAIN-LOSS MODEL (in blue):

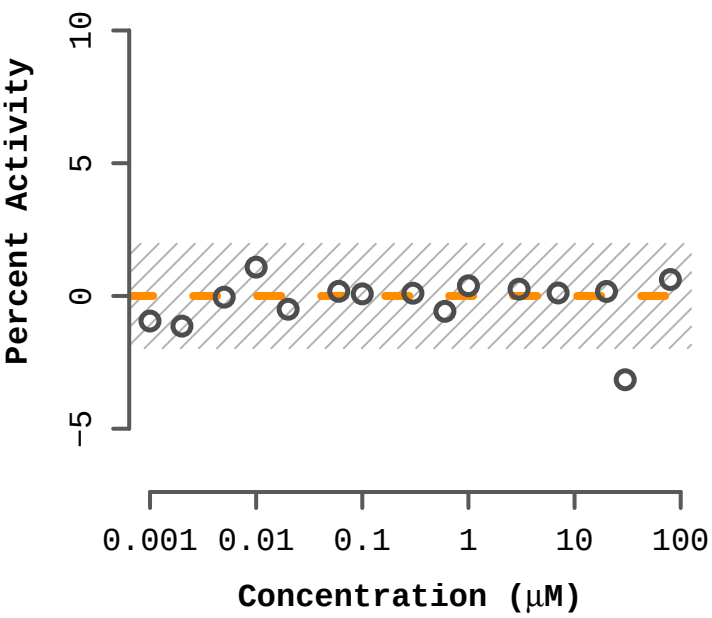
	tp	ga	gw	la	lw
val:	10.2	1.66	7.91	3.66	6.01
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	61.74	50.58	54.58
PROB:	0	0.88	0.12
RMSE:	2.73	0.98	0.98

MAX_MEAN: 9.86

MAX_MED: 9.86

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propyzamide

CHID: 20420 CASRN: 23950-58-5

SPID(S): Tox21_201413

M4ID: 11454399

HILL MODEL: Not applicable.

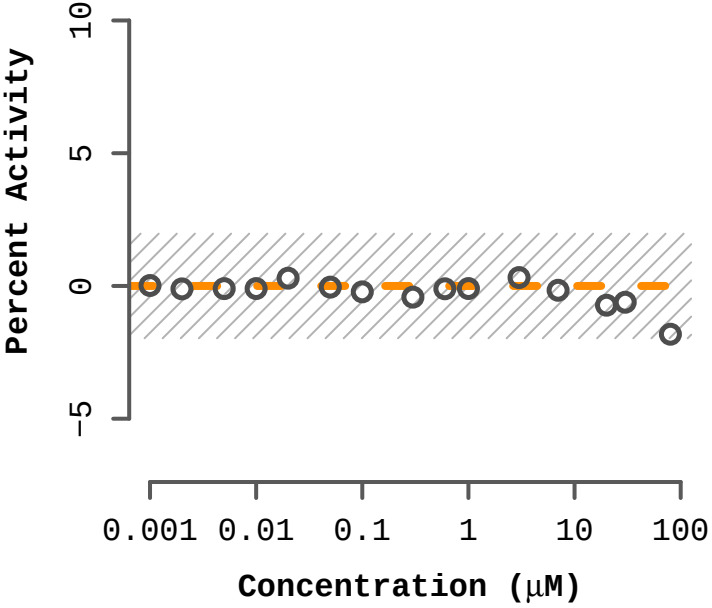
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.08	NA	NA
PROB:	1	NA	NA
RMSE:	0.99	NA	NA

MAX_MEAN: 1.09

MAX_MED: 1.09

BMAD: 0.657



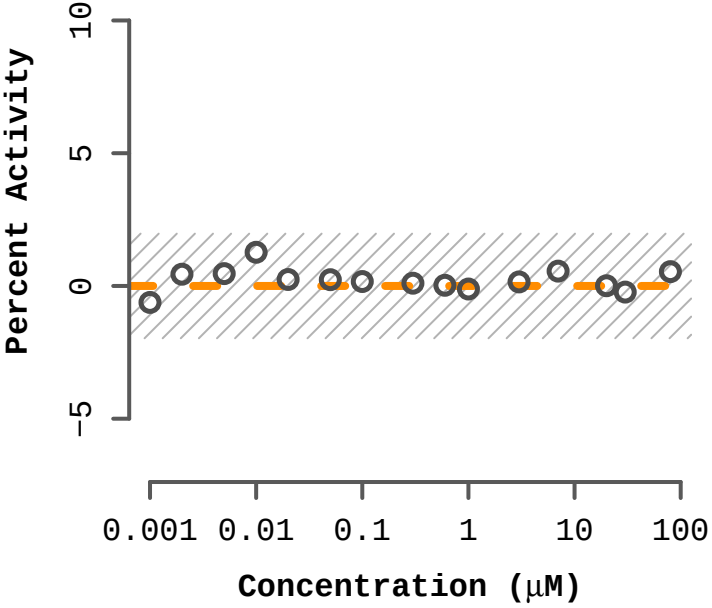
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3-Dichloro-p-dioxane
CHID: 20421 CASRN: 3883-43-0
SPID(S): Tox21_202130
M4ID: 11453682

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	20.97	NA	NA
PROB:	1	NA	NA
RMSE:	0.56	NA	NA
MAX_MEAN:	0.318	MAX_MED:	0.318
			BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (2Z)-2,3-Dichloro-4-oxobut-2-enoic acid

CHID: 20423 CASRN: 87-56-9

SPID(S): Tox21_201305

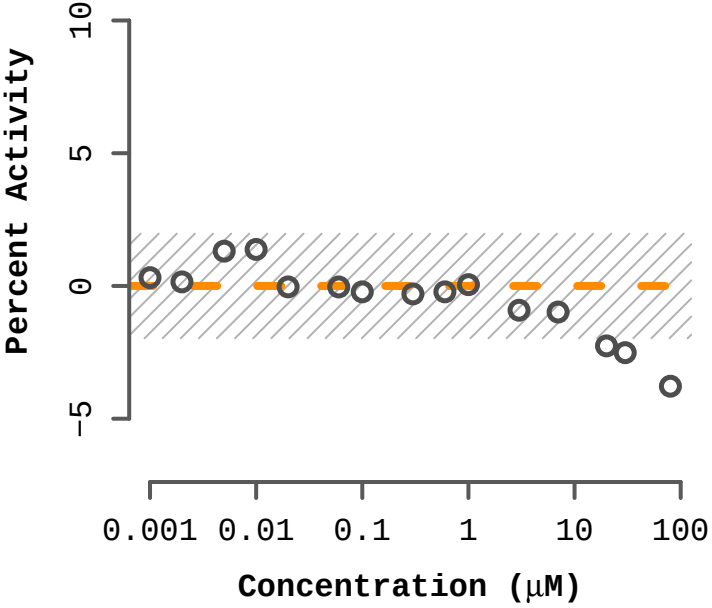
M4ID: 11454507

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	20.85	NA	NA
PROB:	1	NA	NA
RMSE:	0.47	NA	NA

MAX_MEAN: 1.27 MAX_MED: 1.27 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chloranocryl

CHID: 20424 CASRN: 2164-09-2

SPID(S): Tox21_201516

M4ID: 11454296

HILL MODEL: Not applicable.

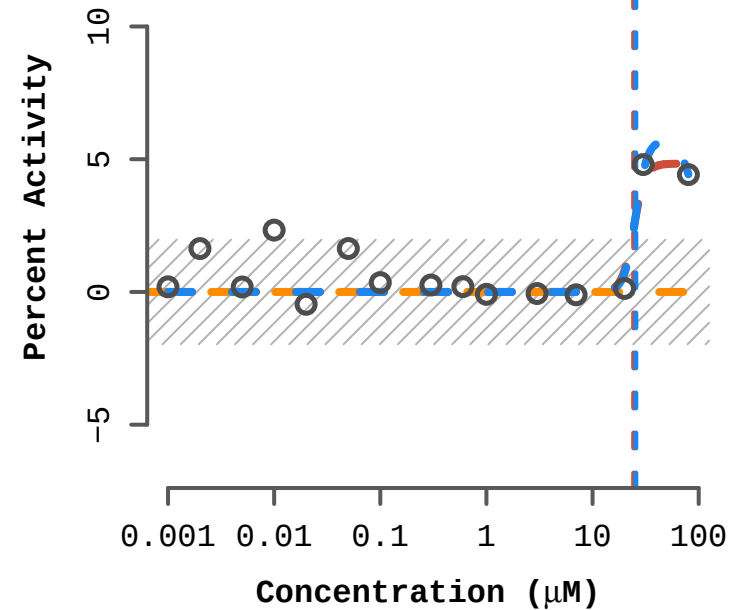
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.99	NA	NA
PROB:	1	NA	NA
RMSE:	1.45	NA	NA

MAX_MEAN: 1.38

MAX_MED: 1.38

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dichlone

CHID: 20425 CASRN: 117-80-6

SPID(S): Tox21_201652

M4ID: 11454160

HILL MODEL (in red):

	tp	ga	gw
val:	4.83	1.39	8
sd:	0.58	0.0345	3.71

GAIN-LOSS MODEL (in blue):

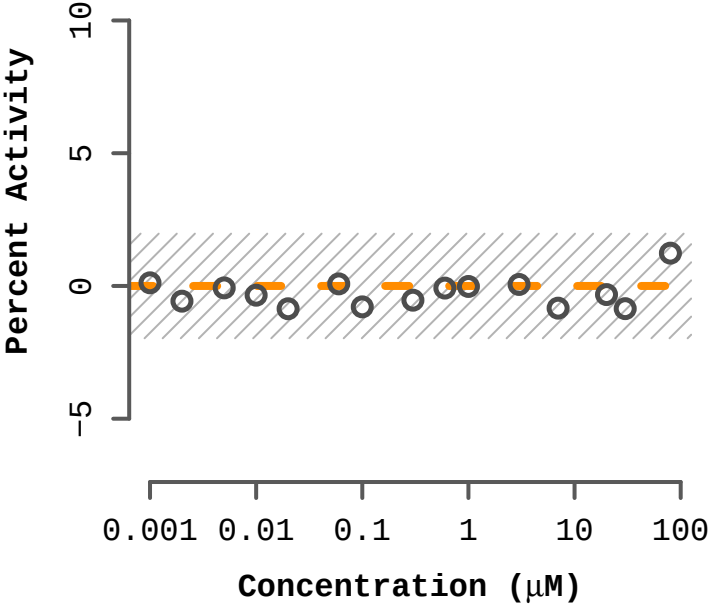
	tp	ga	gw	la	lw
val:	5.76	1.41	8	1.99	5.7
sd:	1.27	0.0389	2.86	0.135	8.58

	CNST	HILL	GNLS
AIC:	59.87	45.82	47.36
PROB:	0	0.68	0.32
RMSE:	1.9	0.91	0.89

MAX_MEAN: 4.8

MAX_MED: 4.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dicloran

CHID: 20426 **CASRN:** 99-30-9

SPID(S): Tox21_202341

M4ID: 11453471

HILL MODEL: Not applicable.

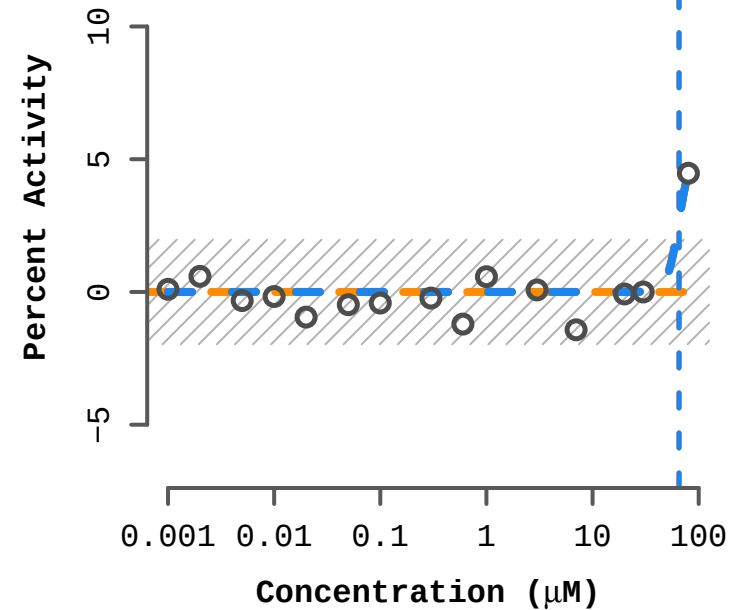
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.72	NA	NA
PROB:	1	NA	NA
RMSE:	0.59	NA	NA

MAX_MEAN: 1.24

MAX_MED: 1.24

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,6-Dichloro-1,4-benzenediamine

CHID: 20427 CASRN: 609-20-1

SPID(S): Tox21_201908

M4ID: 11453904

HILL MODEL (in red):

	tp	ga	gw
val:	5.37	1.81	7.83
sd:	8.21	0.253	29.3

GAIN-LOSS MODEL (in blue):

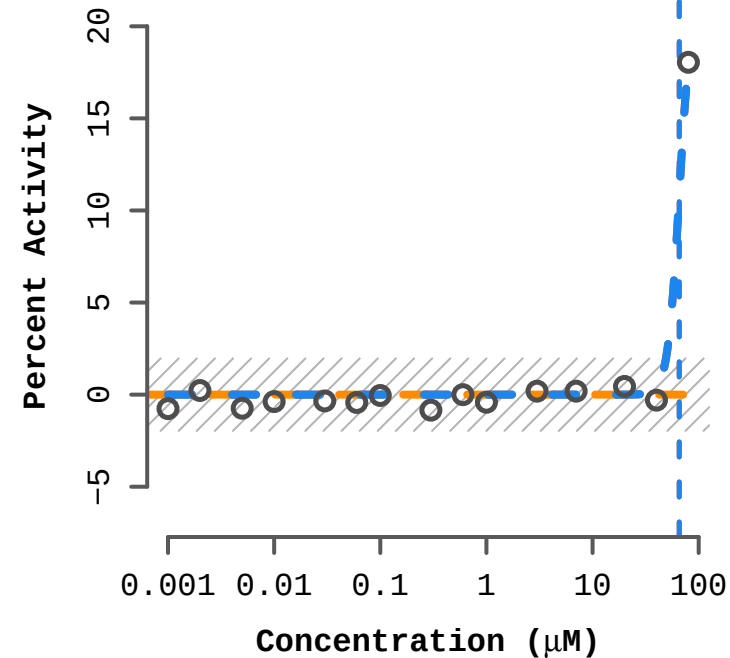
	tp	ga	gw	la	lw
val:	5.36	1.82	8	3.89	2.01
sd:	9.43	0.248	35.6	735	746

	CNST	HILL	GNLS
AIC:	44	35.55	39.55
PROB:	0.01	0.87	0.12
RMSE:	1.31	0.62	0.62

MAX_MEAN: 4.47

MAX_MED: 4.47

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dichloroacetic acid

CHID: 20428 CASRN: 79-43-6

SPID(S): Tox21_202363

M4ID: 11453449

HILL MODEL (in red):

	tp	ga	gw
val:	21.7	1.82	8
sd:	1.43	0.0112	1.66

GAIN-LOSS MODEL (in blue):

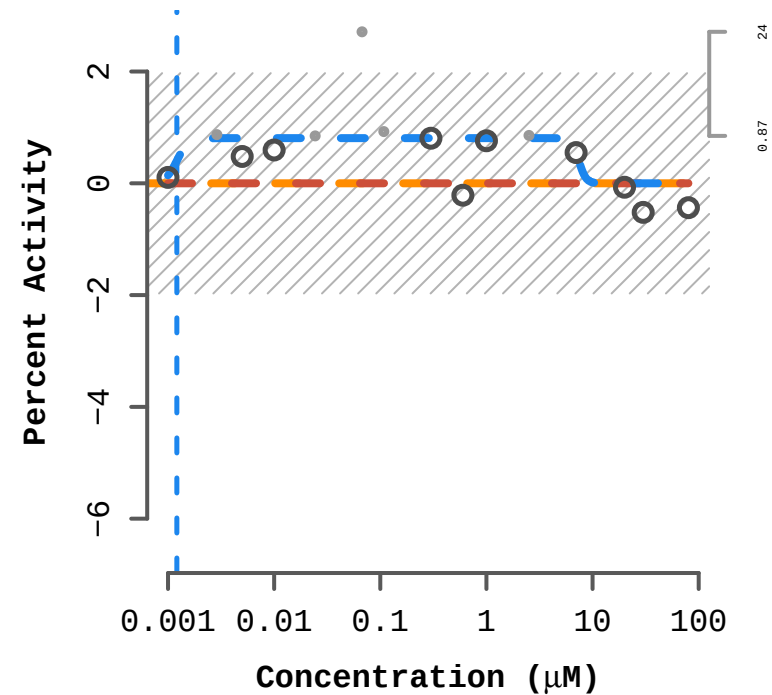
	tp	ga	gw	la	lw
val:	21.7	1.82	8	3.9	4.79
sd:	1.45	0.0113	1.67	7100	17000

	CNST	HILL	GNLS
AIC:	51.45	29.35	33.35
PROB:	0	0.88	0.12
RMSE:	4.68	0.47	0.47

MAX_MEAN: 18

MAX_MED: 18

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Dichlorobenzene
 CHID: 20430 CASRN: 95-50-1
 SPID(S): Tox21_202157
 M4ID: 11453655 BRK

HILL MODEL (in red):

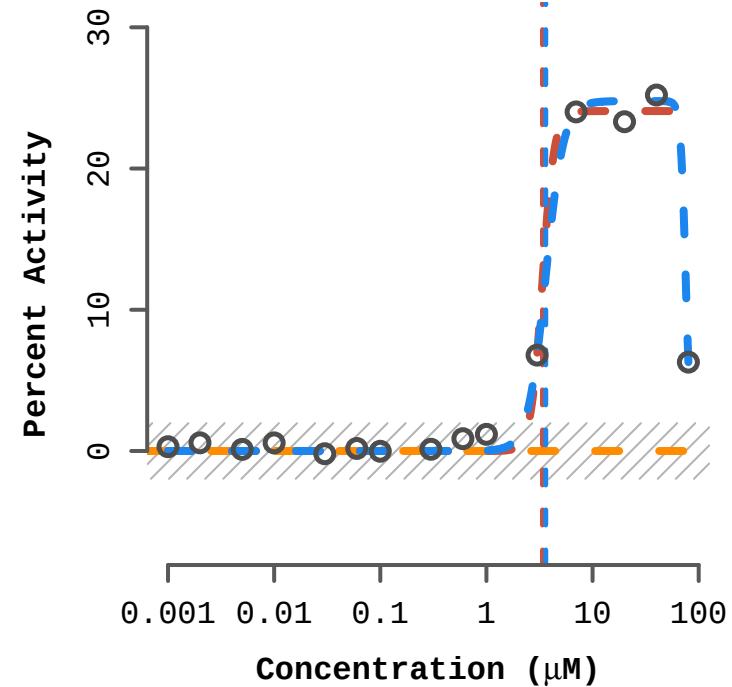
	tp	ga	gw
val:	3.37e-06	2.4	4.77
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	0.808	-2.92	8	0.871	12.9
sd:	0.161	0.148	9.68	0.67	336

	CNST	HILL	GNLS
AIC:	65.8	71.8	62.82
PROB:	0.18	0.01	0.81
RMSE:	6.36	6.36	6.12

MAX_MEAN: 24.4 MAX_MED: 24.4 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3'-Dichlorobenzidine

CHID: 20432 CASRN: 91-94-1

SPID(S): Tox21_202224

M4ID: 11453588

HILL MODEL (in red):

	tp	ga	gw
val:	24.1	0.528	7.92
sd:	0.482	0.017	2.55

GAIN-LOSS MODEL (in blue):

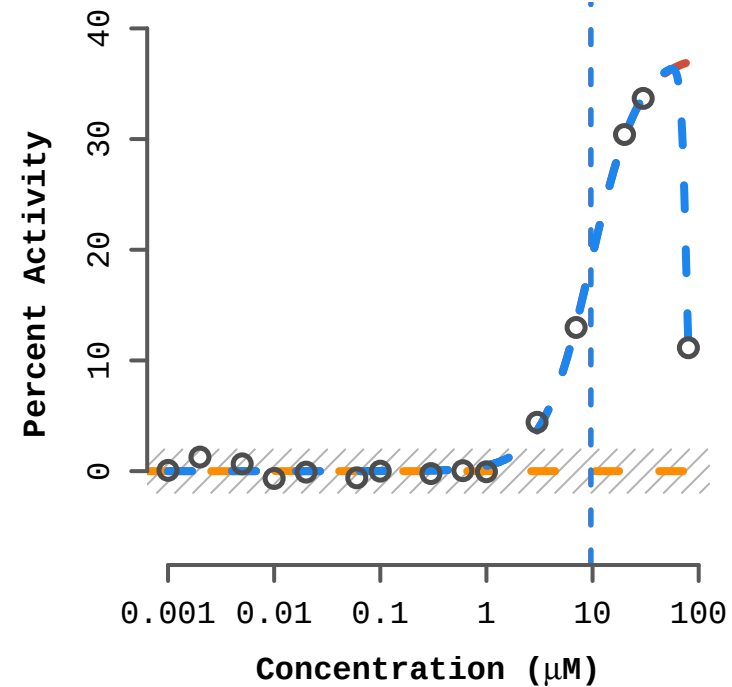
	tp	ga	gw	la	lw
val:	24.8	0.559	5.17	1.88	18
sd:	0.498	0.0136	0.723	0.00511	1.42

	CNST	HILL	GNLS
AIC:	112.16	62.17	37.61
PROB:	0	0	1
RMSE:	11.09	4.62	0.59

MAX_MEAN: 25.2

MAX_MED: 25.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3'-Dichlorobenzidine dihydrochloride

CHID: 20433 CASRN: 612-83-9

SPID(S): Tox21_201906

M4ID: 11453906

HILL MODEL (in red):

	tp	ga	gw
val:	37.6	0.982	1.91
sd:	1.37	0.027	0.162

GAIN-LOSS MODEL (in blue):

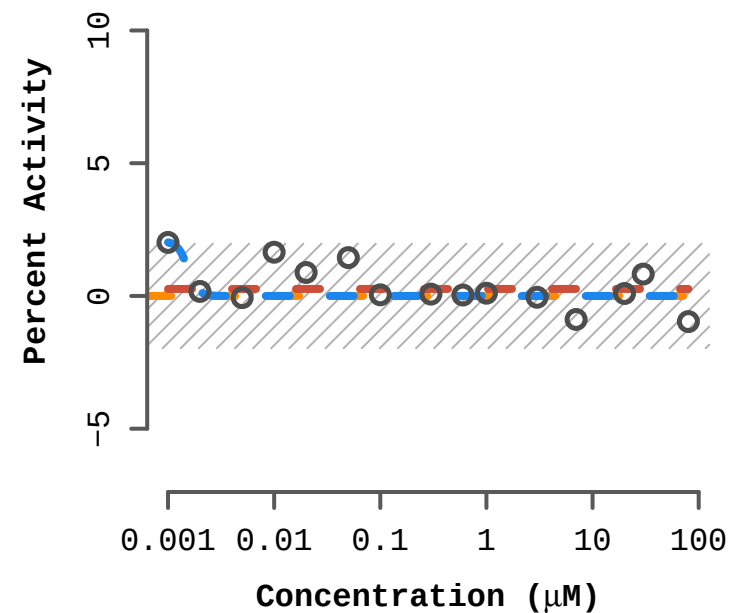
	tp	ga	gw	la	lw
val:	37.8	0.986	1.9	1.88	17.9
sd:	0.99	0.0191	0.12	0.00443	1.17

	CNST	HILL	GNLS
AIC:	113.81	63.71	34.6
PROB:	0	0	1
RMSE:	12.58	6.68	0.51

MAX_MEAN: 33.7

MAX_MED: 33.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Dichlorophenol

CHID: 20439 CASRN: 120-83-2

SPID(S): Tox21_201589

M4ID: 11454223

HILL MODEL (in red):

	tp	ga	gw
val:	0.264	-4.83	3.82
sd:	0.207	1500	3150

GAIN-LOSS MODEL (in blue):

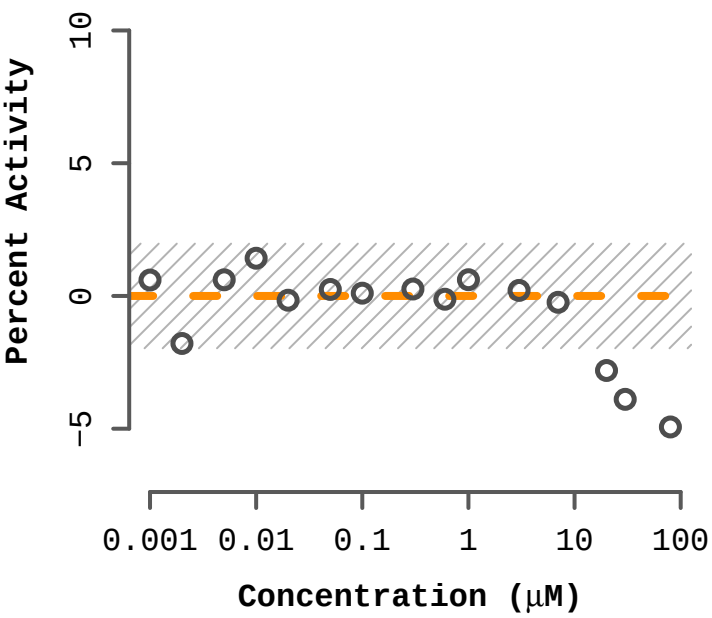
	tp	ga	gw	la	lw
val:	2.06	-4.99	2.84	-2.81	9.13
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	41.28	45.6	44.6
PROB:	0.77	0.09	0.15
RMSE:	0.9	0.83	0.73

MAX_MEAN: 2.02

MAX_MED: 2.02

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dichlorprop

CHID: 20440 CASRN: 120-36-5

SPID(S): Tox21_201847

M4ID: 11453965

HILL MODEL: Not applicable.

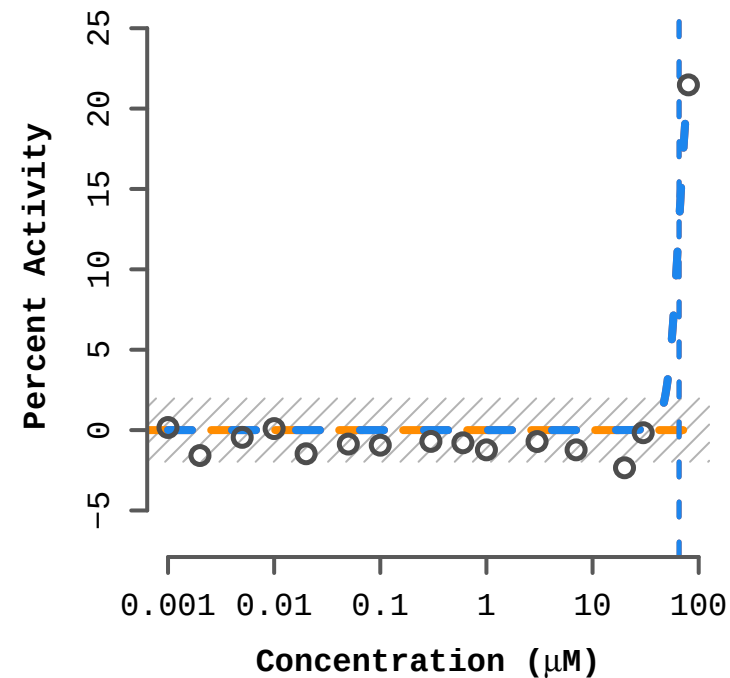
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	60.8	NA	NA
PROB:	1	NA	NA
RMSE:	1.9	NA	NA

MAX_MEAN: 1.42

MAX_MED: 1.42

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Dichlorophenoxyacetic acid

CHID: 20442 CASRN: 94-75-7

SPID(S): Tox21_201751

M4ID: 11454061

HILL MODEL (in red):

	tp	ga	gw
val:	25.8	1.82	8
sd:	12.1	0.0373	11.8

GAIN-LOSS MODEL (in blue):

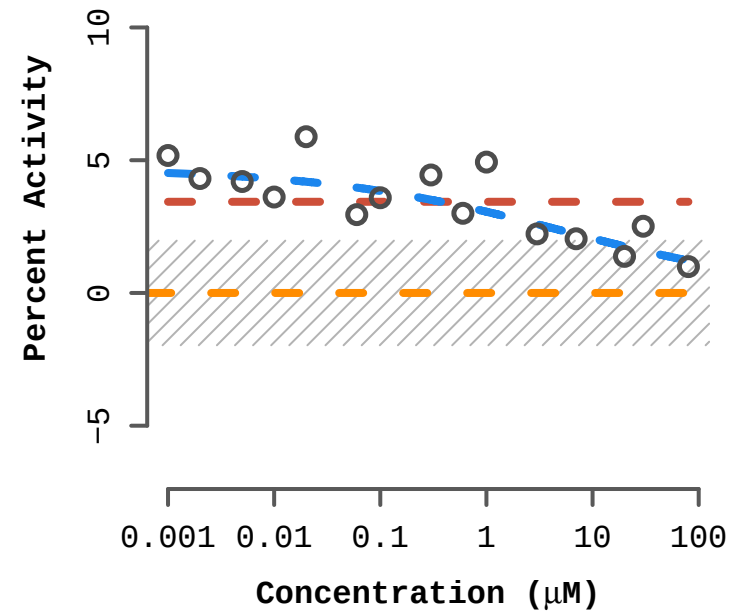
	tp	ga	gw	la	lw
val:	25.8	1.82	8	3.88	1.36
sd:	17.9	0.0501	13.7	40.2	28.6

	CNST	HILL	GNLS
AIC:	70.83	53.43	57.43
PROB:	0	0.88	0.12
RMSE:	5.64	1.06	1.06

MAX_MEAN: 21.5

MAX_MED: 21.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-D 1-butyl ester

CHID: 20443 CASRN: 94-80-4

SPID(S): Tox21_201237

M4ID: 11454575

HILL MODEL (in red):

	tp	ga	gw
val:	3.43	-4.88	4.04
sd:	0.388	1110	2370

GAIN-LOSS MODEL (in blue):

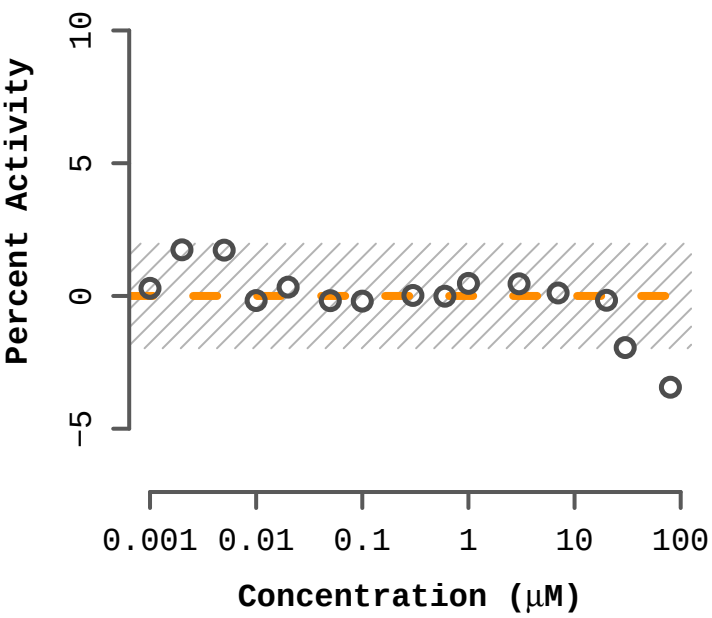
	tp	ga	gw	la	lw
val:	4.69	-4.99	7.84	0.716	0.382
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	86.51	62.12	49.52
PROB:	0	0	1
RMSE:	3.69	1.38	0.84

MAX_MEAN: 5.89

MAX_MED: 5.89

BMAD: 0.657



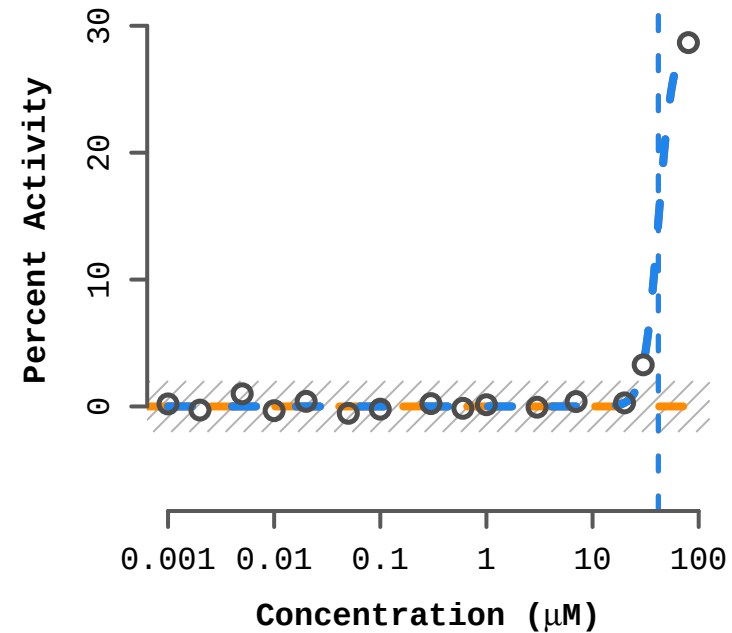
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-D isopropyl ester
CHID: 20445 CASRN: 94-11-1
SPID(S): Tox21_201563
M4ID: 11454249

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47	NA	NA
PROB:	1	NA	NA
RMSE:	1.22	NA	NA
MAX_MEAN:	1.74	MAX_MED: 1.74	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diuron

CHID: 20446 CASRN: 330-54-1

SPID(S): Tox21_201438

M4ID: 11454374

HILL MODEL (in red):

	tp	ga	gw
val:	29.2	1.62	6.28
sd:	0.269	0.00795	0.258

GAIN-LOSS MODEL (in blue):

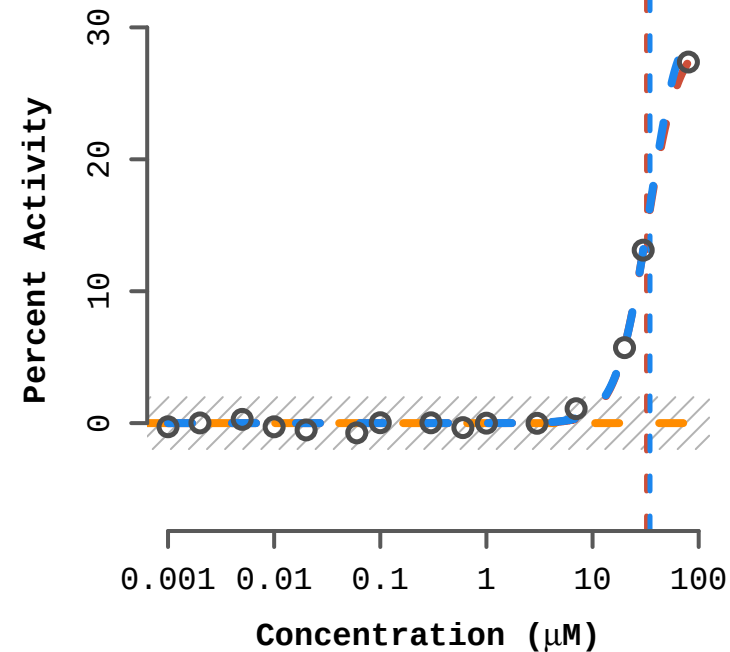
	tp	ga	gw	la	lw
val:	29.2	1.62	6.28	2.49	5.51
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	64.66	19.1	23.1
PROB:	0	0.88	0.12
RMSE:	7.46	0.36	0.36

MAX_MEAN: 28.7

MAX_MED: 28.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Dichlorophenyl benzenesulfonate

CHID: 20447 CASRN: 97-16-5

SPID(S): Tox21_201552

M4ID: 11454260

HILL MODEL (in red):

	tp	ga	gw
val:	29.3	1.51	2.93
sd:	0.258	0.00568	0.0852

GAIN-LOSS MODEL (in blue):

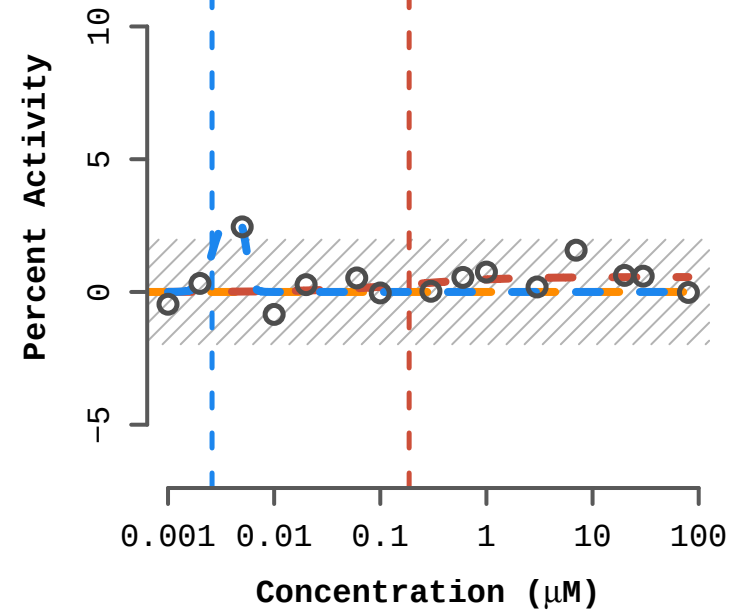
	tp	ga	gw	la	lw
val:	32.8	1.54	2.79	2.01	10
sd:	0.408	0.00575	0.0915	0.00713	0.776

	CNST	HILL	GNLS
AIC:	89.69	17.33	20.95
PROB:	0	0.86	0.14
RMSE:	7.99	0.34	0.33

MAX_MEAN: 27.4

MAX_MED: 27.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dichlorvos

CHID: 20449 CASRN: 62-73-7

SPID(S): Tox21_201617

M4ID: 11454195

HILL MODEL (in red):

	tp	ga	gw
val:	0.562	-0.728	0.992
sd:	0.252	1.41	2.04

GAIN-LOSS MODEL (in blue):

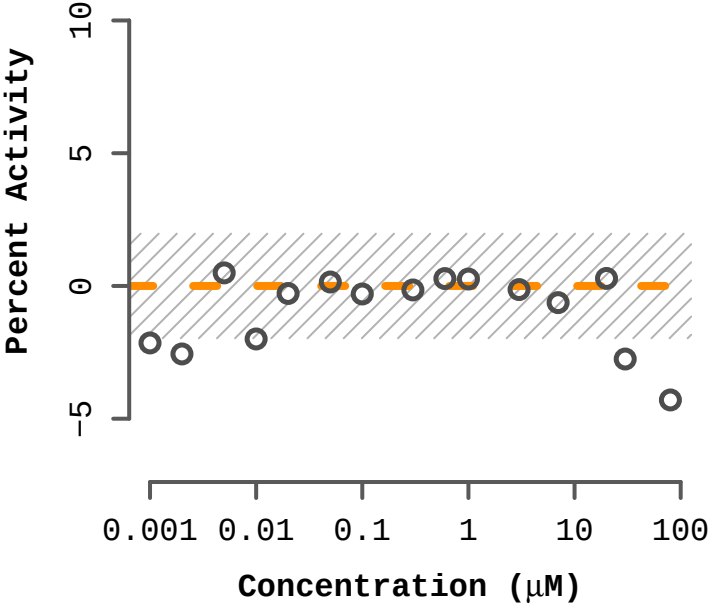
	tp	ga	gw	la	lw
val:	2.94	-2.59	8	-2.26	16.1
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	38.54	38.33	38.95
PROB:	0.34	0.38	0.28
RMSE:	0.88	0.77	0.6

MAX_MEAN: 2.45

MAX_MED: 2.45

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N'-Dicyclohexylthiourea

CHID: 20451 CASRN: 1212-29-9

SPID(S): Tox21_201806

M4ID: 11454006

HILL MODEL: Not applicable.

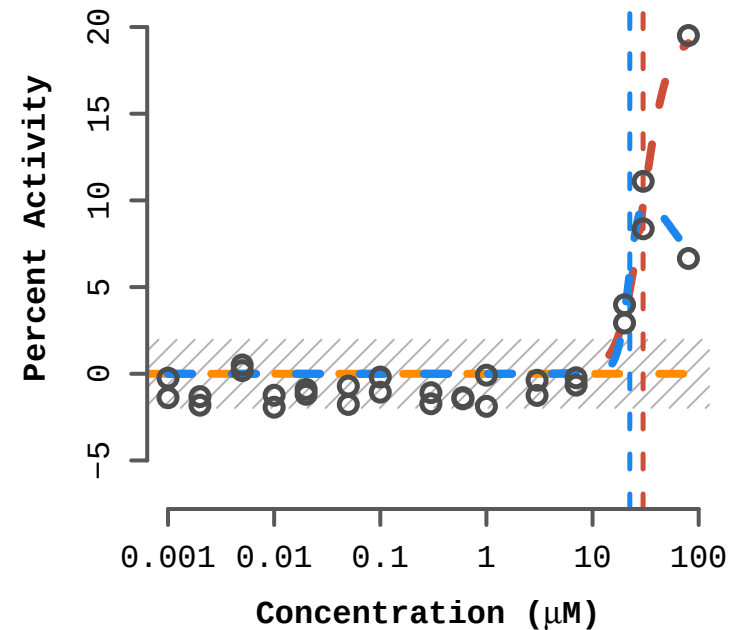
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	58.54	NA	NA
PROB:	1	NA	NA
RMSE:	1.68	NA	NA

MAX_MEAN: 0.493

MAX_MED: 0.493

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dieldrin

CHID: 20453 CASRN: 60-57-1

SPID(S): Tox21_400029

M4ID: 11453319

HILL MODEL (in red):

	tp	ga	gw
val:	19.5	1.48	3.86
sd:	1.35	0.0353	0.936

GAIN-LOSS MODEL (in blue):

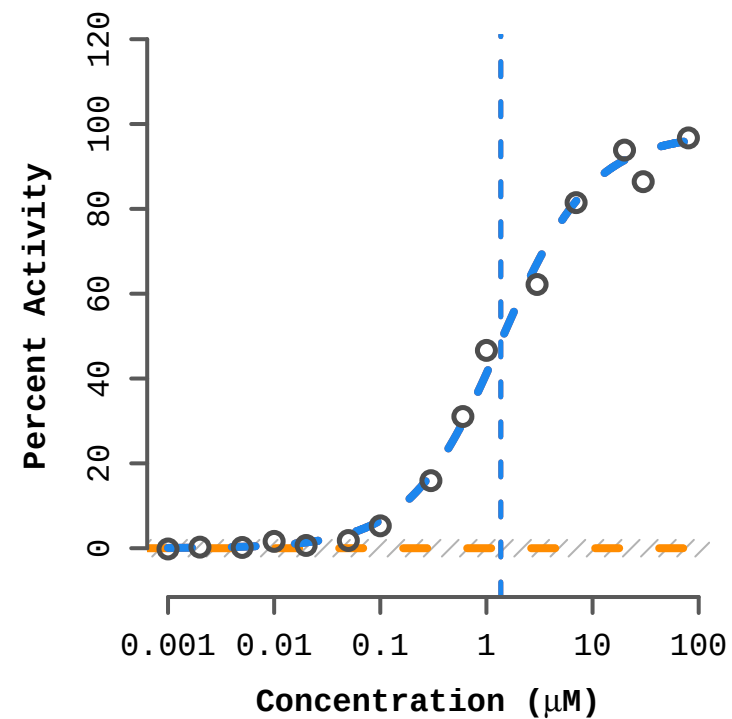
	tp	ga	gw	la	lw
val:	19.2	1.35	8	1.6	0.779
sd:	775	0.18	15.9	46.3	27.6

	CNST	HILL	GNLS
AIC:	159.65	122.25	126.12
PROB:	0	0.87	0.13
RMSE:	4.75	2.53	2.53

MAX_MEAN: 13.1

MAX_MED: 13.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorpyrifos

CHID: 20458 CASRN: 2921-88-2

SPID(S): Tox21_202383

M4ID: 11453429

HILL MODEL (in red):

	tp	ga	gw
val:	97.6	0.136	1.01
sd:	2.29	0.0559	0.0691

GAIN-LOSS MODEL (in blue):

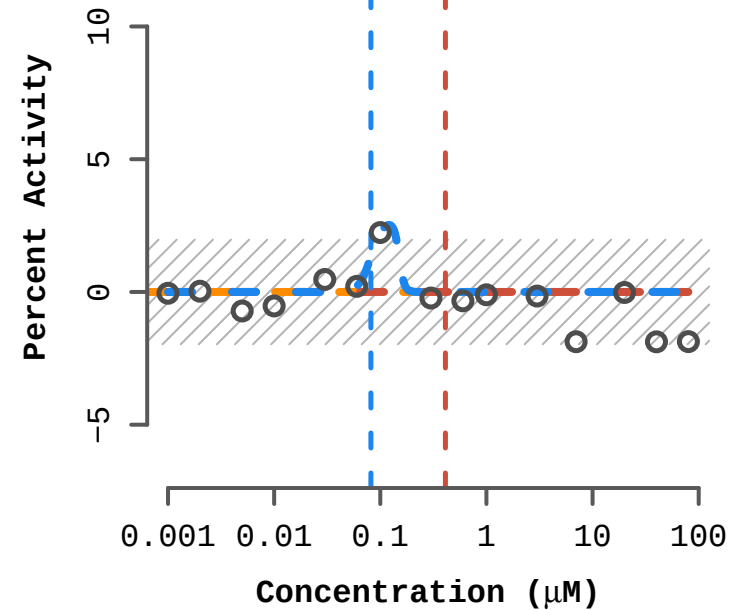
	tp	ga	gw	la	lw
val:	97.6	0.136	1.01	2.44	17.8
sd:	2.29	0.0559	0.0691	422	13800

	CNST	HILL	GNLS
AIC:	163.1	79.73	83.73
PROB:	0	0.88	0.12
RMSE:	51.36	2.83	2.83

MAX_MEAN: 96.7

MAX_MED: 96.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethylene glycol

CHID: 20462 CASRN: 111-46-6

SPID(S): Tox21_201616

M4ID: 11454196

HILL MODEL (in red):

	tp	ga	gw
val:	3.58e-11	-0.386	1.69
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

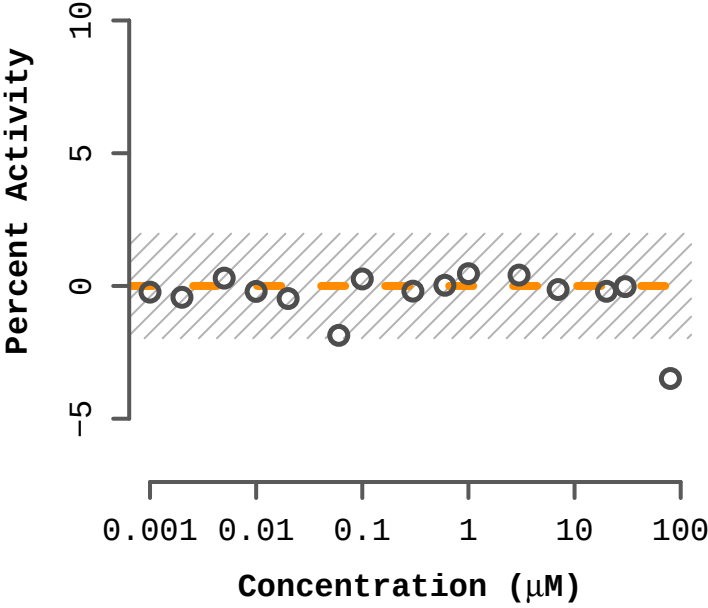
	tp	ga	gw	la	lw
val:	2.69	-1.09	7.91	-0.823	18
sd:	26.2	2.13	96.9	5.83	421

	CNST	HILL	GNLS
AIC:	45.36	51.36	48.34
PROB:	0.78	0.04	0.18
RMSE:	1.06	1.06	0.88

MAX_MEAN: 2.24

MAX_MED: 2.24

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethyl maleate

CHID: 20464 CASRN: 141-05-9

SPID(S): Tox21_201512

M4ID: 11454300

HILL MODEL: Not applicable.

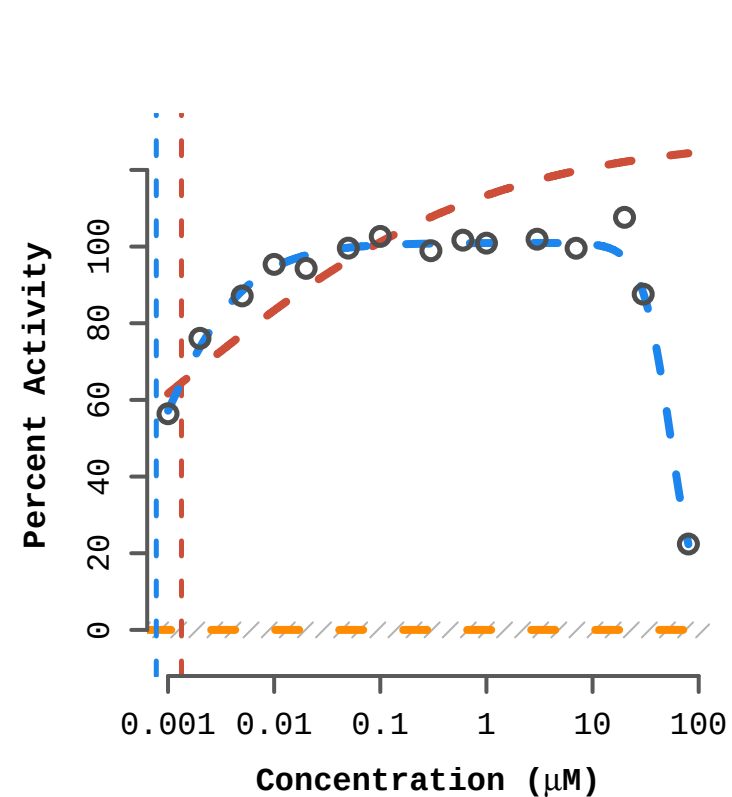
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.07	NA	NA
PROB:	1	NA	NA
RMSE:	1.06	NA	NA

MAX_MEAN: 0.464

MAX_MED: 0.464

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethylstilbestrol

CHID: 20465 CASRN: 56-53-1

SPID(S): Tox21_202407

M4ID: 11453405

HILL MODEL (in red):

	tp	ga	gw
val:	129	-2.87	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

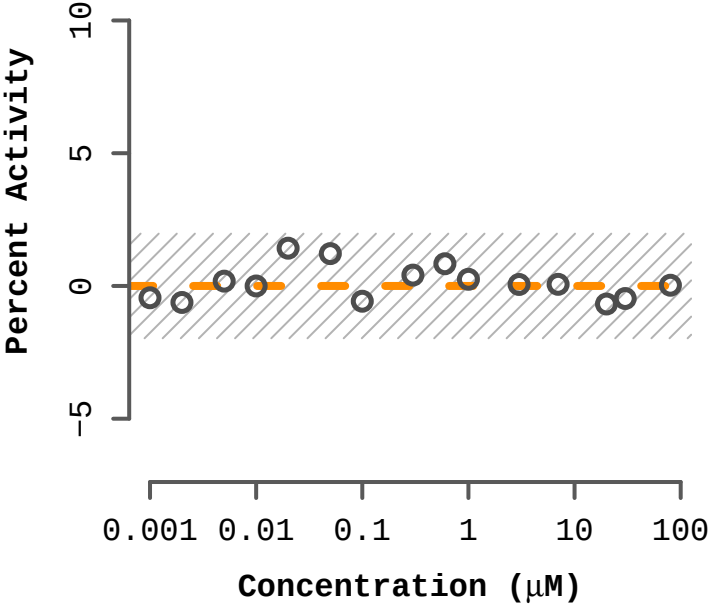
	tp	ga	gw	la	lw
val:	101	-3.11	1.05	1.73	3.23
sd:	0.686	0.03	0.093	0.0101	0.155

	CNST	HILL	GNLS
AIC:	201.67	143.36	80.37
PROB:	0	0	1
RMSE:	91.43	29.64	3.09

MAX_MEAN: 108

MAX_MED: 108

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

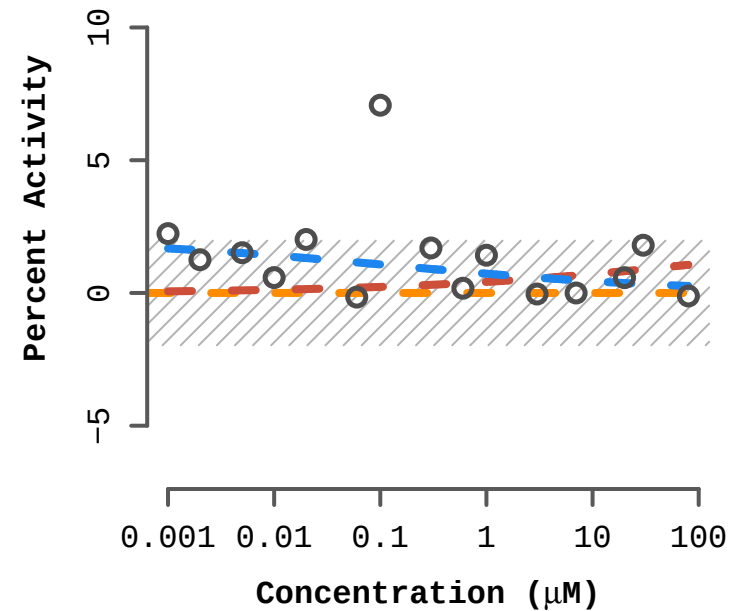
NAME: N,N'-Diethylthiourea
CHID: 20466 CASRN: 105-55-5
SPID(S): Tox21_201476
M4ID: 11454336

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.51	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN:	1.42	MAX_MED:	1.42	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,4-Dihydrocoumarin

CHID: 20474 CASRN: 119-84-6

SPID(S): Tox21_202137

M4ID: 11453675

HILL MODEL (in red):

	tp	ga	gw
val:	2.45	2.3	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

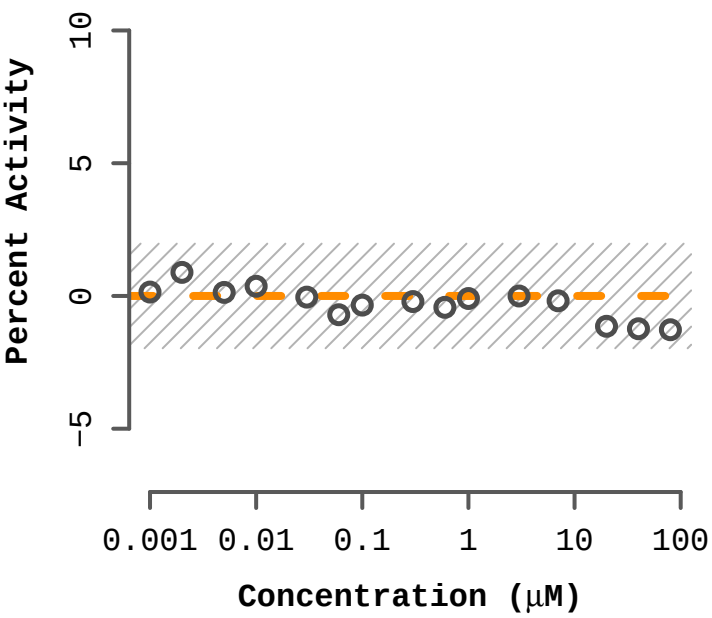
	tp	ga	gw	la	lw
val:	2.07	-3.73	7.58	-0.892	0.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	63.14	66.91	60.89
PROB:	0.24	0.04	0.73
RMSE:	2.19	2.08	1.71

MAX_MEAN: 7.07

MAX_MED: 7.07

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethoate

CHID: 20479 **CASRN:** 60-51-5

SPID(S): Tox21_202246

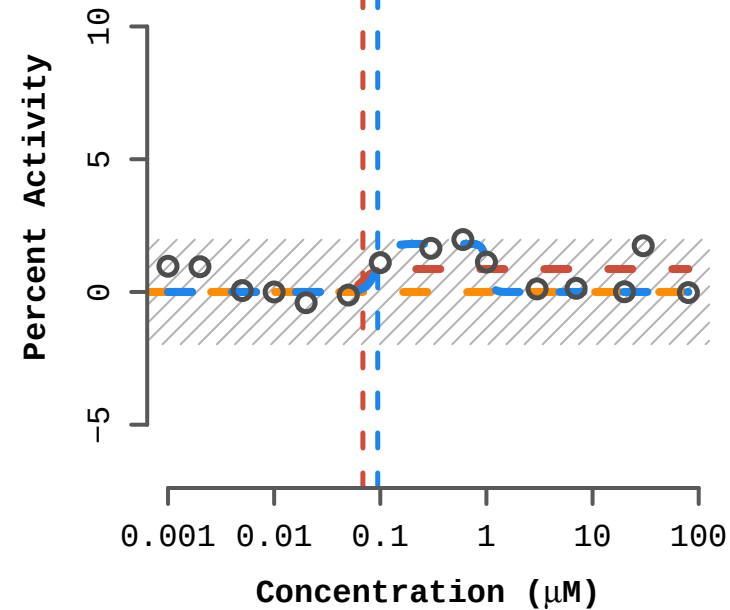
M4ID: 11453566

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.82	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA

MAX_MEAN: 0.89	MAX_MED: 0.89	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethoxane

CHID: 20480 CASRN: 828-00-2

SPID(S): Tox21_202123

M4ID: 11453689

HILL MODEL (in red):

	tp	ga	gw
val:	0.864	-1.16	8
sd:	0.306	0.211	11.1

GAIN-LOSS MODEL (in blue):

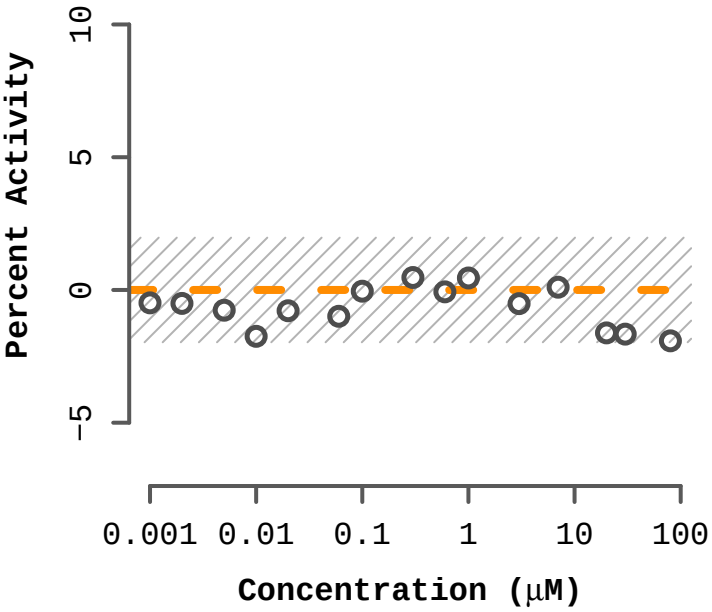
	tp	ga	gw	la	lw
val:	1.81	-1.02	8	0.012	18
sd:	0.206	0.045	10.2	0.0835	122

	CNST	HILL	GNLS
AIC:	44.31	42.5	32.52
PROB:	0	0.01	0.99
RMSE:	0.97	0.7	0.59

MAX_MEAN: 1.98

MAX_MED: 1.98

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3'-Dimethoxybenzidine dihydrochloride

CHID: 20485 CASRN: 20325-40-0

SPID(S): Tox21_202152

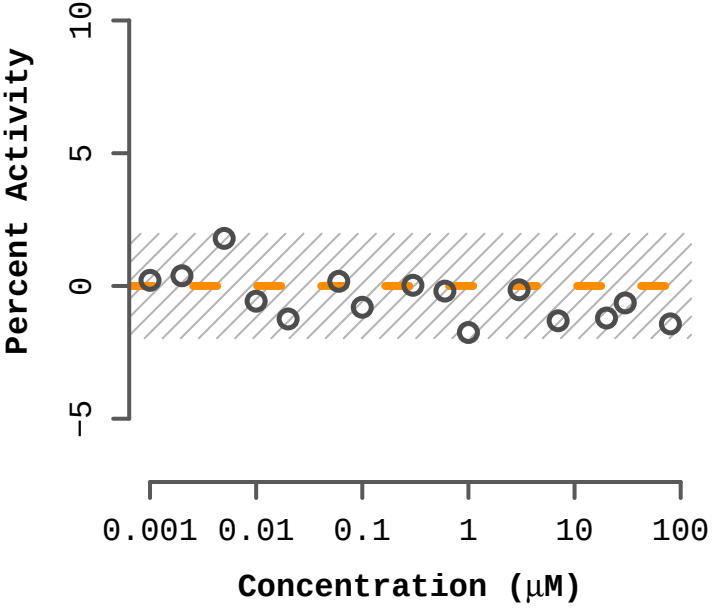
M4ID: 11453660

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.15	NA	NA
PROB:	1	NA	NA
RMSE:	1.02	NA	NA

MAX_MEAN: 0.47 MAX_MED: 0.47 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl hydrogen phosphite

CHID: 20493 **CASRN:** 868-85-9

SPID(S): Tox21_201901

M4ID: 11453911

HILL MODEL: Not applicable.

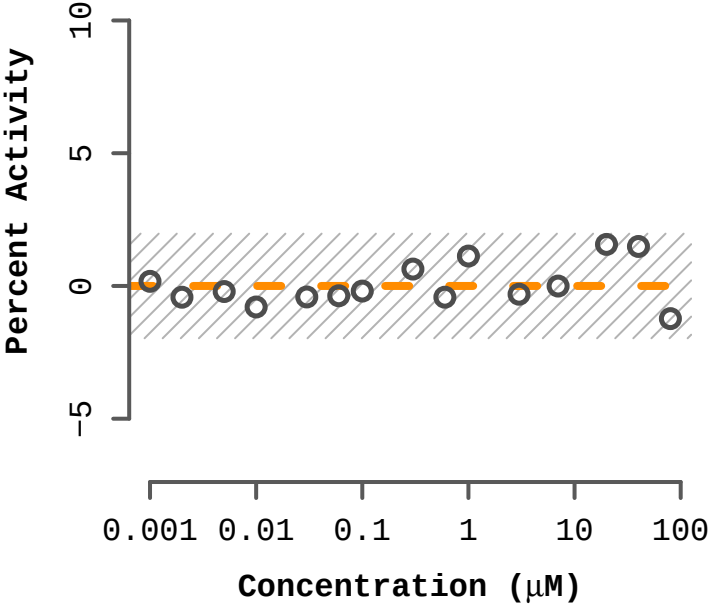
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.76	NA	NA
PROB:	1	NA	NA
RMSE:	0.99	NA	NA

MAX_MEAN: 1.79

MAX_MED: 1.79

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl methylphosphonate

CHID: 20494 **CASRN:** 756-79-6

SPID(S): Tox21_201534

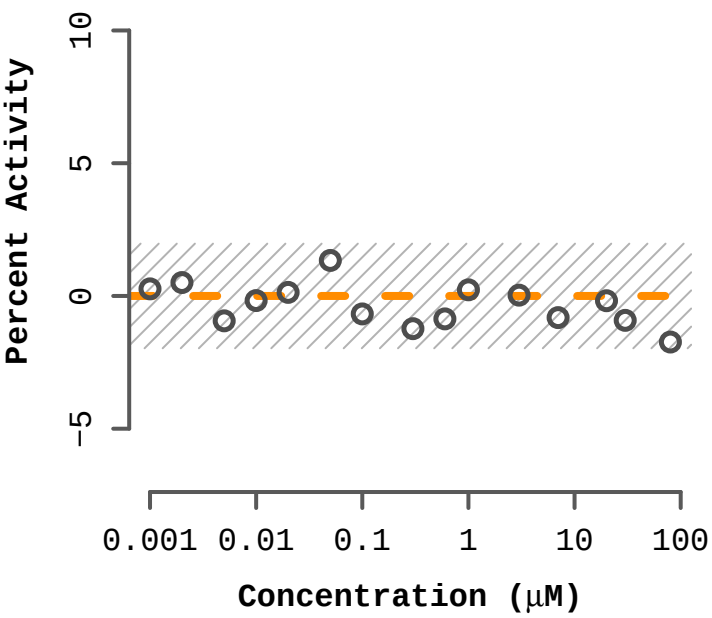
M4ID: 11454278

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.29	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA

MAX_MEAN:	1.57	MAX_MED:	1.57	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Dimethyl-5-nitroimidazole

CHID: 20497 CASRN: 551-92-8

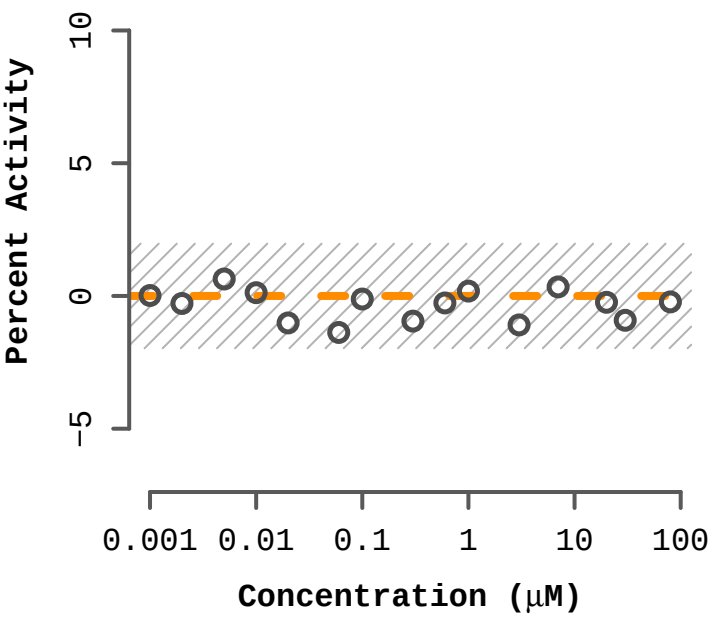
SPID(S): Tox21_201618

M4ID: 11454194

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	40.36	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.83	NA	NA	
MAX_MEAN:	1.34	MAX_MED:	1.34	
			BMAD:	0.657



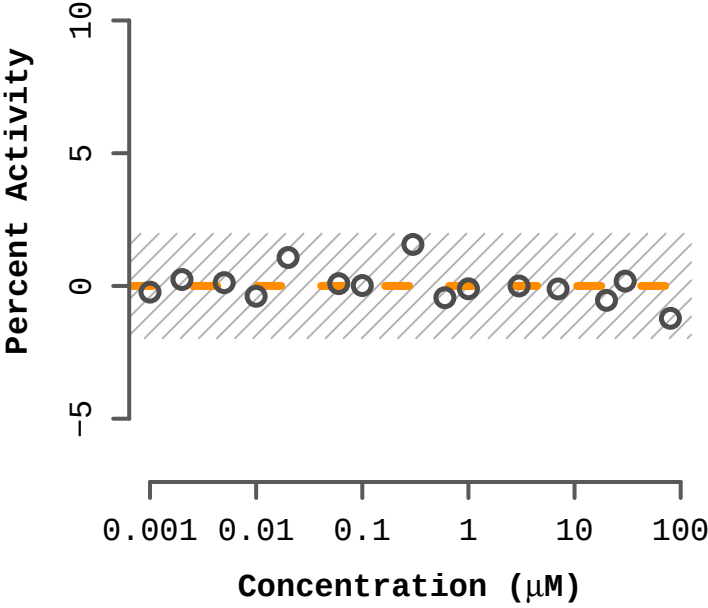
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl terephthalate
CHID: 20498 **CASRN:** 120-61-6
SPID(S): Tox21_202268
M4ID: 11453544

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.29	NA	NA
PROB:	1	NA	NA
RMSE:	0.67	NA	NA
MAX_MEAN:	0.641	MAX_MED: 0.641	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

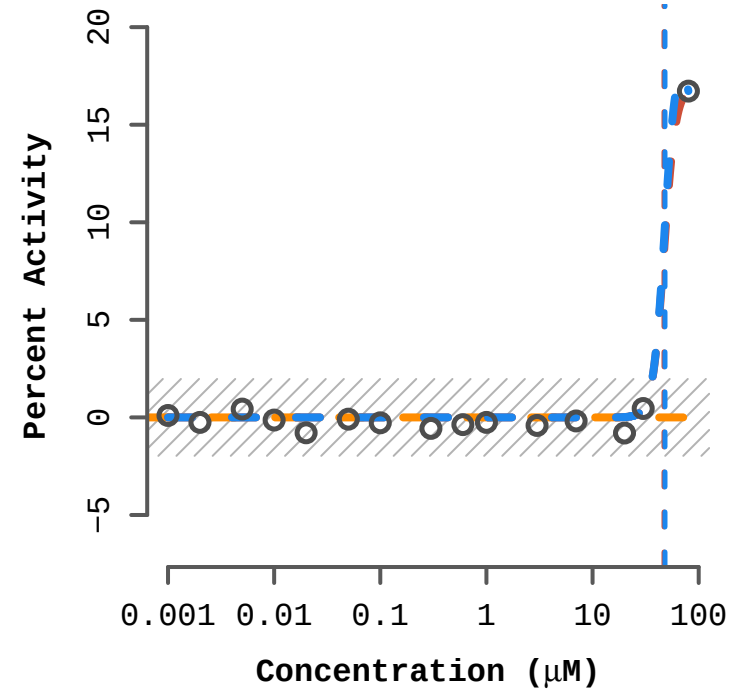
NAME: N,N-Dimethylacetamide
CHID: 20499 **CASRN:** 127-19-5
SPID(S): Tox21_202174
M4ID: 11453638

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.63	NA	NA
PROB:	1	NA	NA
RMSE:	0.63	NA	NA

MAX_MEAN:	1.57	MAX_MED:	1.57	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methadone hydrochloride

CHID: 20501 CASRN: 1095-90-5

SPID(S): Tox21_202026

M4ID: 11453786

HILL MODEL (in red):

	tp	ga	gw
val:	17	1.67	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

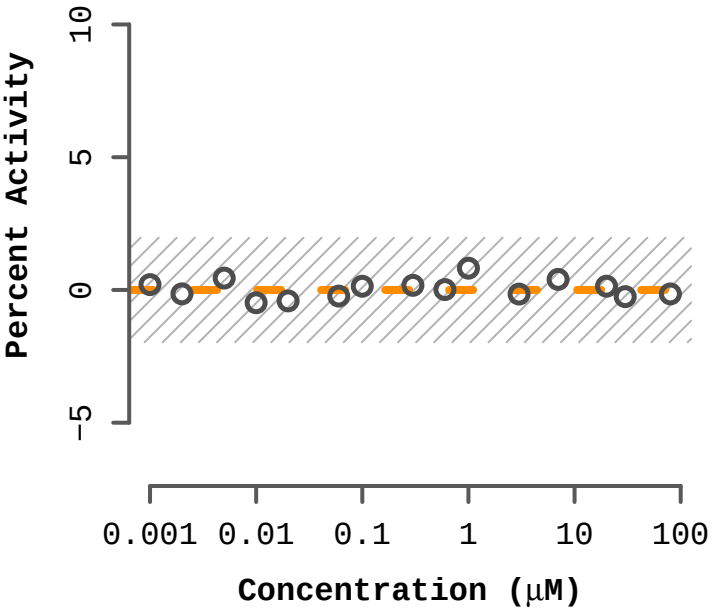
	tp	ga	gw	la	lw
val:	20.1	1.68	8	2.05	5.17
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	49.56	23.63	27.63
PROB:	0	0.88	0.12
RMSE:	4.34	0.4	0.4

MAX_MEAN: 16.7

MAX_MED: 16.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Dimethylaminoantipyrine

CHID: 20504 CASRN: 58-15-1

SPID(S): Tox21_201544

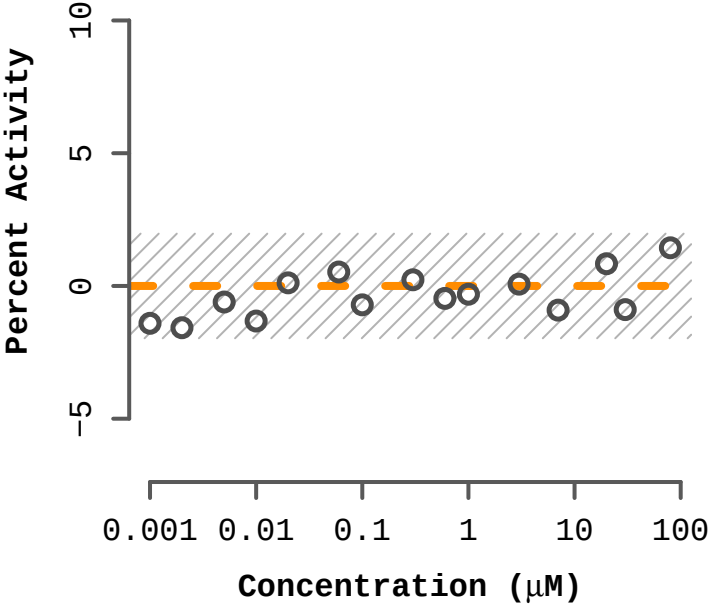
M4ID: 11454268

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	12.84	NA	NA
PROB:	1	NA	NA
RMSE:	0.34	NA	NA

MAX_MEAN: 0.821 MAX_MED: 0.821 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

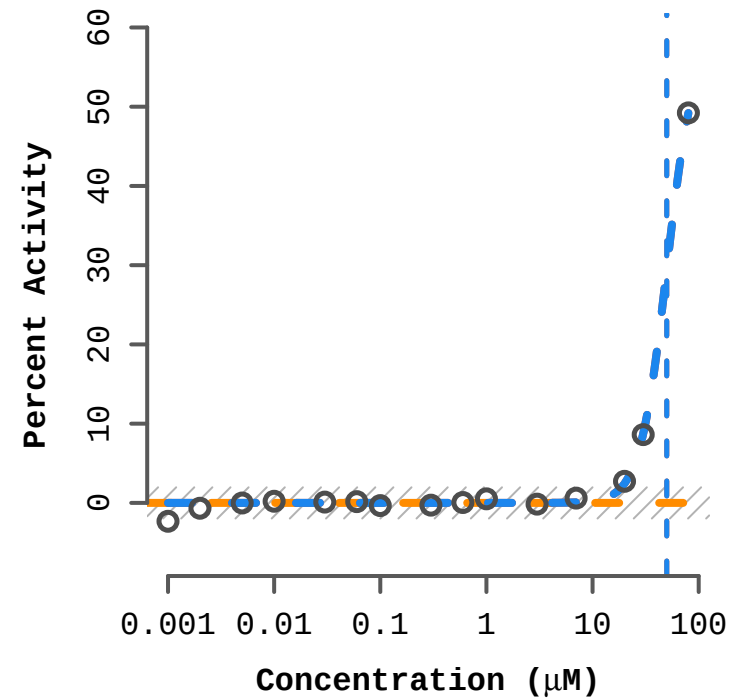
NAME: Dimethylaminoethanol
CHID: 20505 **CASRN:** 108-01-0
SPID(S): Tox21_201821
M4ID: 11453991

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.3	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA

MAX_MEAN:	1.44	MAX_MED:	1.44	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N-Dimethylaniline
CHID: 20507 CASRN: 121-69-7
SPID(S): Tox21_201813
M4ID: 11453999

HILL MODEL (in red):

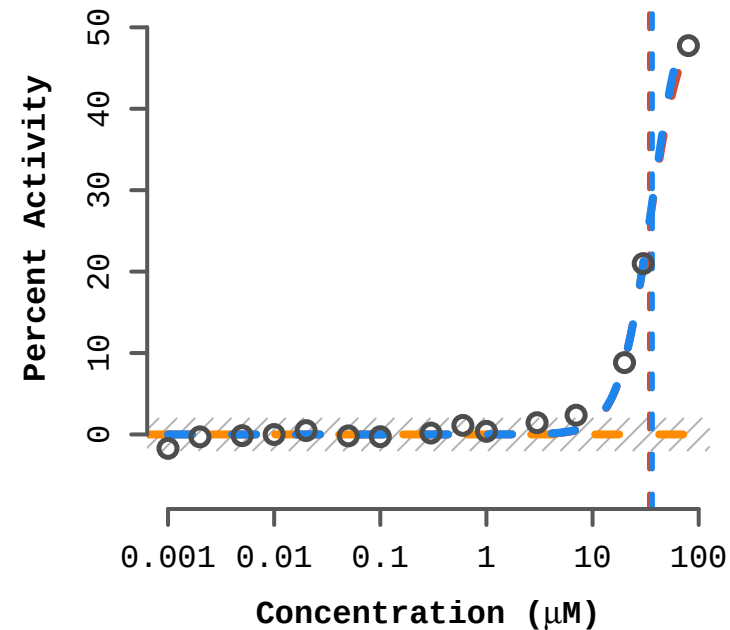
	tp	ga	gw
val:	59.1	1.7	3.42
sd:	0.492	0.00586	0.0563

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	59.1	1.7	3.42	3.86	4.52
sd:	0.492	0.00586	0.0563	1970	4550

	CNST	HILL	GNLS
AIC:	88.76	29.76	33.76
PROB:	0	0.88	0.12
RMSE:	12.94	0.67	0.67

MAX_MEAN: 49.2 MAX_MED: 49.2 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 7,12-Dimethylbenz(a)anthracene

CHID: 20510 CASRN: 57-97-6

SPID(S): Tox21_201805

M4ID: 11454007

HILL MODEL (in red):

	tp	ga	gw
val:	51.9	1.54	2.89
sd:	0.665	0.00781	0.109

GAIN-LOSS MODEL (in blue):

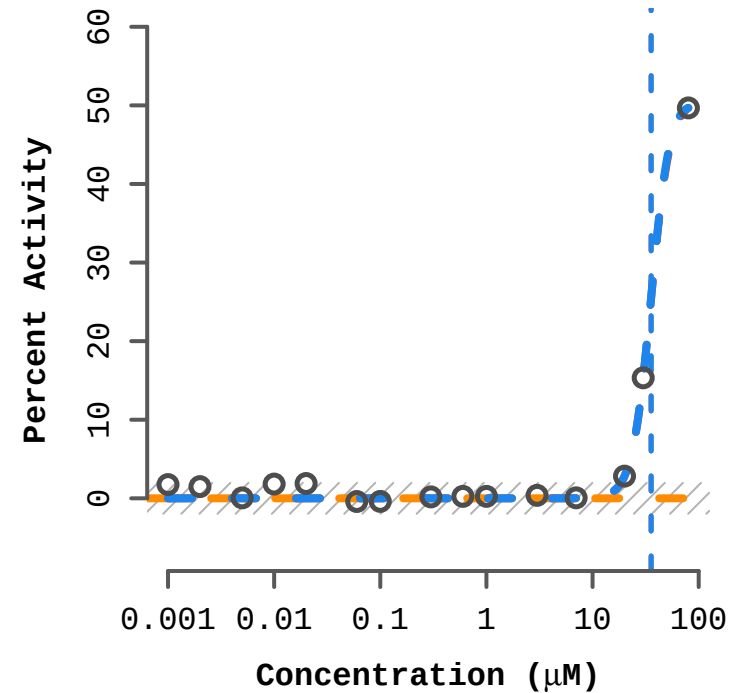
	tp	ga	gw	la	lw
val:	57.3	1.56	2.78	2.04	8.02
sd:	1.31	0.00803	0.129	0.0118	1.29

	CNST	HILL	GNLS
AIC:	105.5	43.25	47.01
PROB:	0	0.87	0.13
RMSE:	13.69	0.82	0.82

MAX_MEAN: 47.8

MAX_MED: 47.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3'-Dimethylbenzidine dihydrochloride

CHID: 20511 CASRN: 612-82-8

SPID(S): Tox21_202196

M4ID: 11453616

HILL MODEL (in red):

	tp	ga	gw
val:	50.6	1.55	4.92
sd:	0.571	0.00676	0.246

GAIN-LOSS MODEL (in blue):

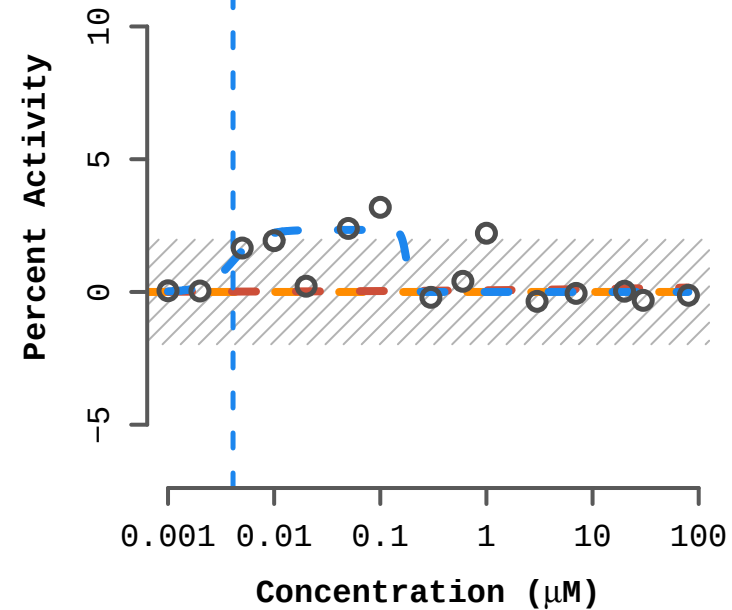
	tp	ga	gw	la	lw
val:	51.4	1.55	4.9	2.39	3.81
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	96.91	46.76	50.76
PROB:	0	0.88	0.12
RMSE:	13.48	0.92	0.92

MAX_MEAN: 49.7

MAX_MED: 49.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethylcarbamoyl chloride

CHID: 20512 CASRN: 79-44-7

SPID(S): Tox21_201334

M4ID: 11454478

HILL MODEL (in red):

	tp	ga	gw
val:	0.398	2.4	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

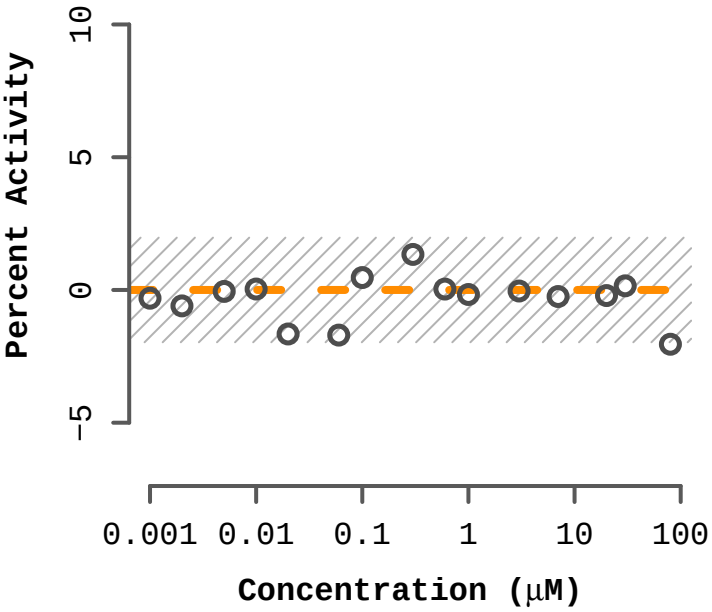
	tp	ga	gw	la	lw
val:	2.34	-2.39	3.38	-0.752	18
sd:	0.531	0.125	5.05	1.09	82

	CNST	HILL	GNLS
AIC:	52.68	58.62	43.01
PROB:	0.01	0	0.99
RMSE:	1.36	1.35	0.84

MAX_MEAN: 3.19

MAX_MED: 3.19

BMAD: 0.657



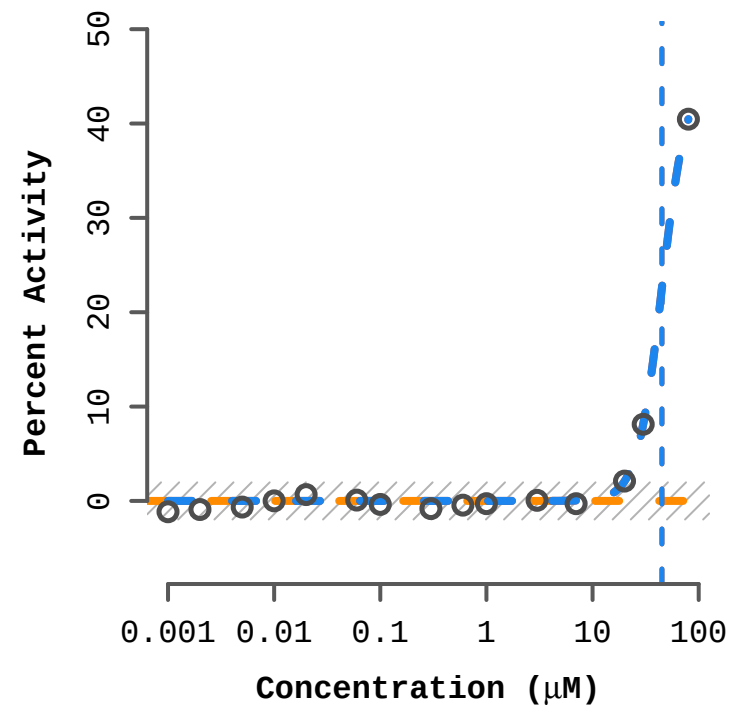
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N-Dimethylformamide
CHID: 20515 CASRN: 68-12-2
SPID(S): Tox21_201259
M4ID: 11454553

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.46	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA
MAX_MEAN:	1.34	MAX_MED: 1.34	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2-Dimethylvinyl chloride

CHID: 20520 CASRN: 513-37-1

SPID(S): Tox21_201770

M4ID: 11454042

HILL MODEL (in red):

	tp	ga	gw
val:	45.2	1.65	3.73
sd:	0.652	0.00905	0.112

GAIN-LOSS MODEL (in blue):

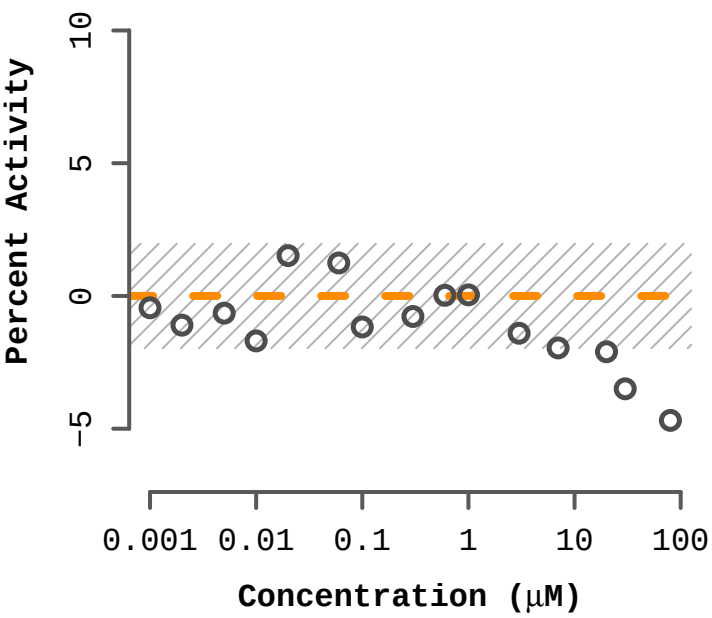
	tp	ga	gw	la	lw
val:	45.2	1.65	3.73	2.36	10.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	84.04	32.16	36.16
PROB:	0	0.88	0.12
RMSE:	10.68	0.53	0.53

MAX_MEAN: 40.5

MAX_MED: 40.5

BMAD: 0.657



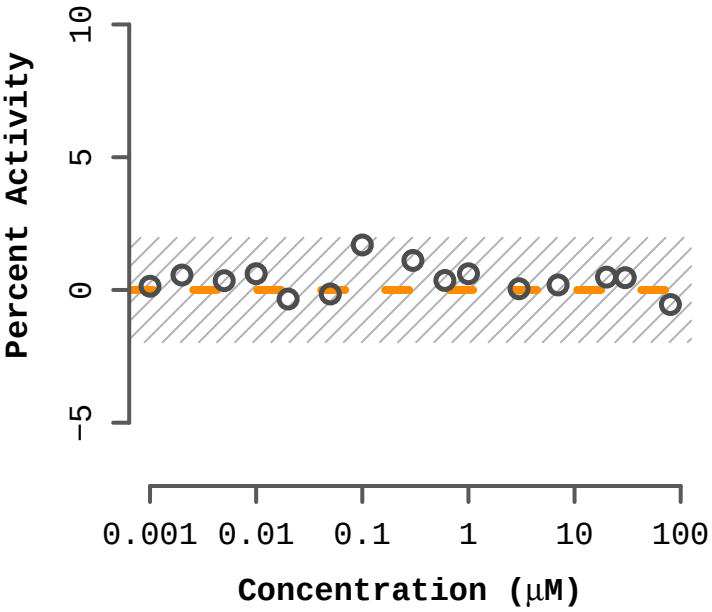
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Dinitrophenol
CHID: 20523 **CASRN:** 51-28-5
SPID(S): Tox21_201462
M4ID: 11454350

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	64.11	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.91	NA	NA	
MAX_MEAN:	1.52	MAX_MED:	1.52	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

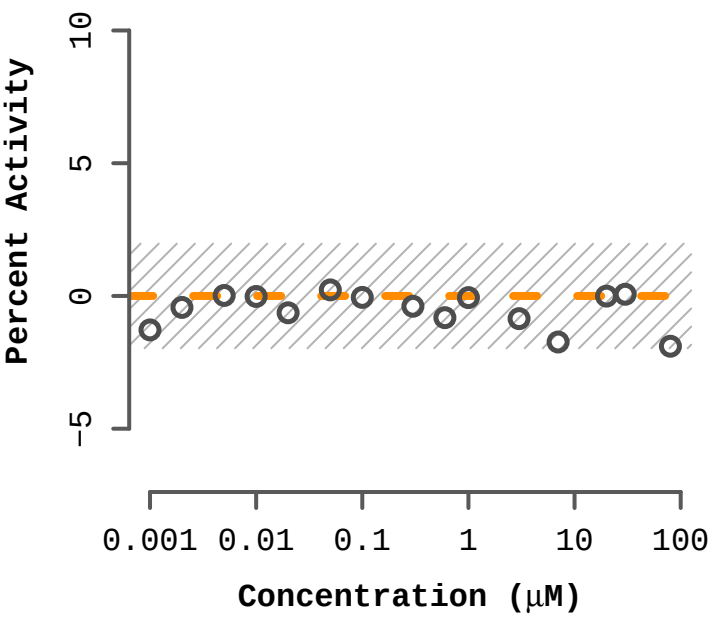
NAME: 2,6-Dinitrotoluene
CHID: 20528 CASRN: 606-20-2
SPID(S): Tox21_201855
M4ID: 11453957

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.46	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA

MAX_MEAN: 1.7	MAX_MED: 1.7	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

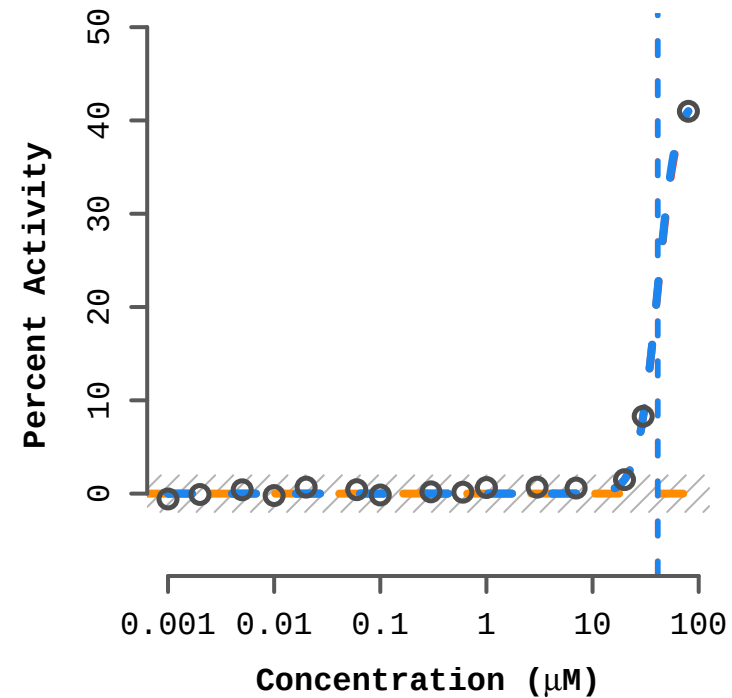
NAME: 2,4-Dinitrotoluene
CHID: 20529 CASRN: 121-14-2
SPID(S): Tox21_201784
M4ID: 11454028

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.26	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN: 0.229 MAX_MED: 0.229 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diphenhydramine hydrochloride

CHID: 20537 CASRN: 147-24-0

SPID(S): Tox21_201472

M4ID: 11454340

HILL MODEL (in red):

	tp	ga	gw
val:	42.8	1.61	4.64
sd:	0.385	0.0065	0.13

GAIN-LOSS MODEL (in blue):

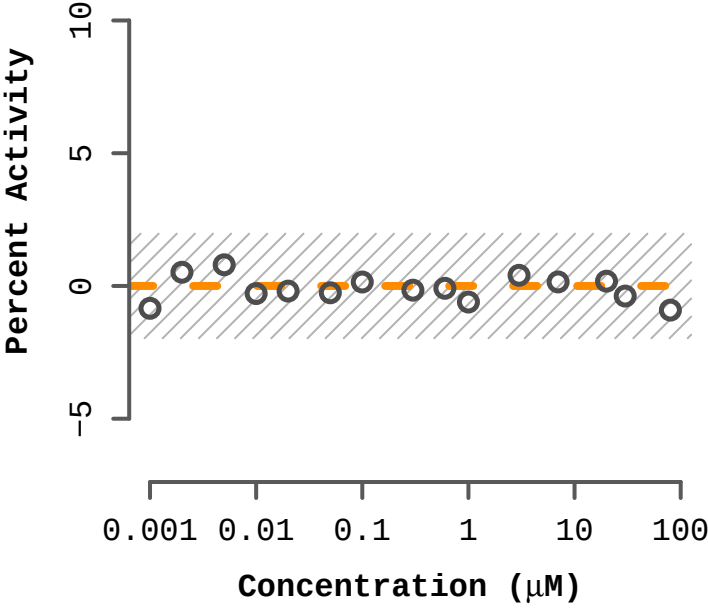
	tp	ga	gw	la	lw
val:	49.1	1.62	4.65	3.14	0.68
sd:	0.634	0.0067	0.13	0.0946	0.0615

	CNST	HILL	GNLS
AIC:	81.41	25.54	29.54
PROB:	0	0.88	0.12
RMSE:	10.81	0.41	0.41

MAX_MEAN: 41

MAX_MED: 41

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diphenylacetoneitrile

CHID: 20539 CASRN: 86-29-3

SPID(S): Tox21_201556

M4ID: 11454256

HILL MODEL: Not applicable.

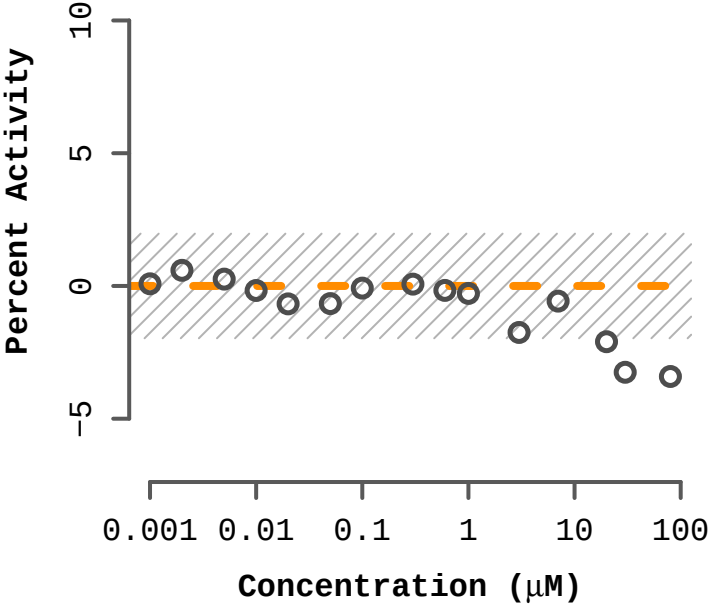
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	23.61	NA	NA
PROB:	1	NA	NA
RMSE:	0.48	NA	NA

MAX_MEAN: 0.799

MAX_MED: 0.799

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

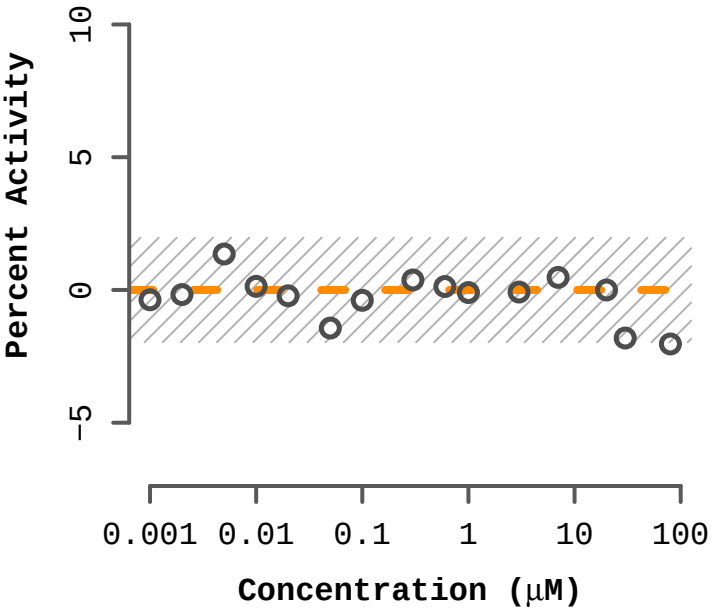
NAME: 5,5-Diphenylhydantoin
CHID: 20541 CASRN: 57-41-0
SPID(S): Tox21_202299
M4ID: 11453513

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.34	NA	NA
PROB:	1	NA	NA
RMSE:	1.45	NA	NA

MAX_MEAN: 0.59	MAX_MED: 0.59	BMAD: 0.657
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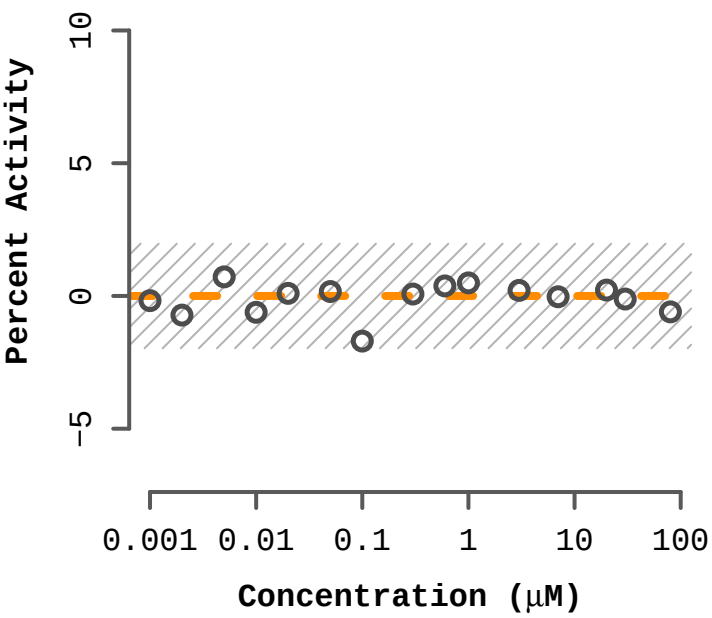
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,5-Dithiobiurea
CHID: 20545 CASRN: 142-46-1
SPID(S): Tox21_202355
M4ID: 11453457

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.92	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA
MAX_MEAN:	1.35	MAX_MED: 1.35	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Doxylamine succinate

CHID: 20552 CASRN: 562-10-7

SPID(S): Tox21_202078

M4ID: 11453734

HILL MODEL: Not applicable.

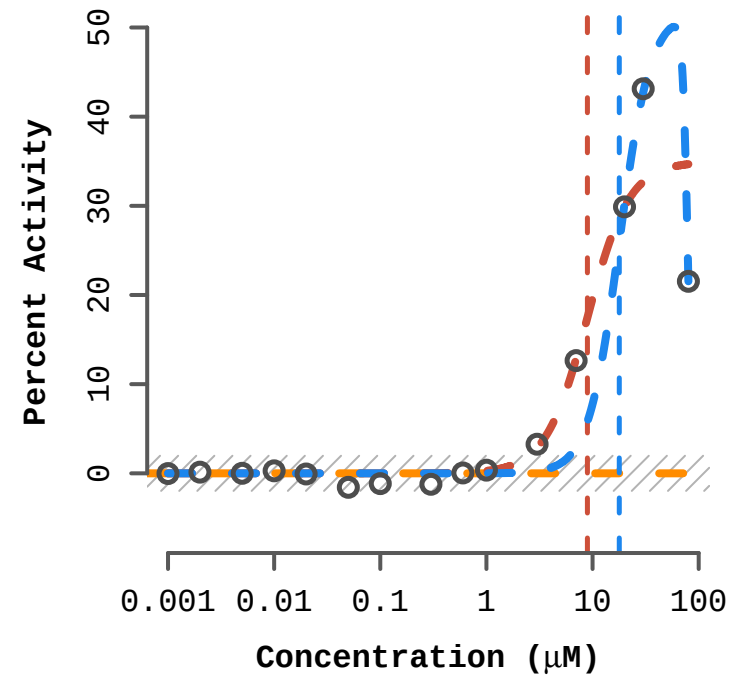
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	26.9	NA	NA
PROB:	1	NA	NA
RMSE:	0.59	NA	NA

MAX_MEAN: 0.72

MAX_MED: 0.72

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Endosulfan

CHID: 20560 CASRN: 115-29-7

SPID(S): Tox21_202365

M4ID: 11453447

HILL MODEL (in red):

	tp	ga	gw
val:	34.9	0.952	2.21
sd:	3.8	0.0651	0.451

GAIN-LOSS MODEL (in blue):

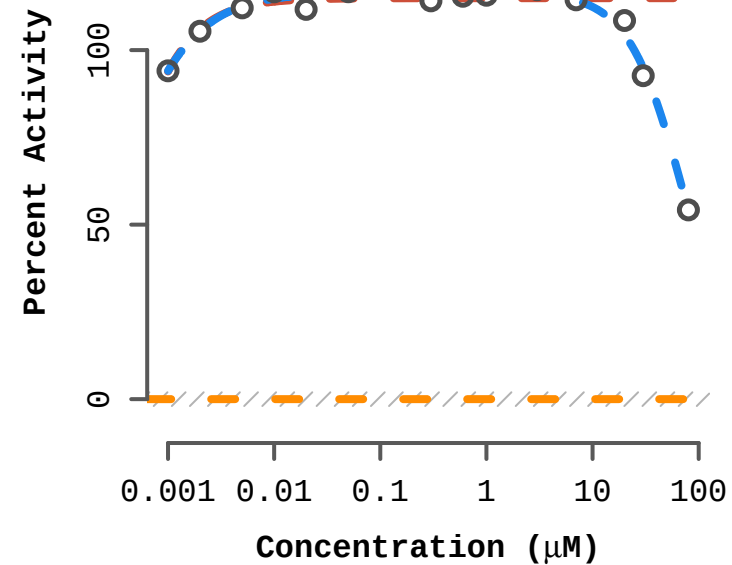
	tp	ga	gw	la	lw
val:	51.8	1.25	2.99	1.9	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	119.58	78.88	69.14
PROB:	0	0.01	0.99
RMSE:	15.04	4.38	2.69

MAX_MEAN: 43.1

MAX_MED: 43.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 17beta-Estradiol

CHID: 20573 CASRN: 50-28-2

SPID(S): Tox21_202057

M4ID: 11453755

HILL MODEL (in red):

	tp	ga	gw
val:	115	-3.46	1.42
sd:	1.31	0.176	0.475

GAIN-LOSS MODEL (in blue):

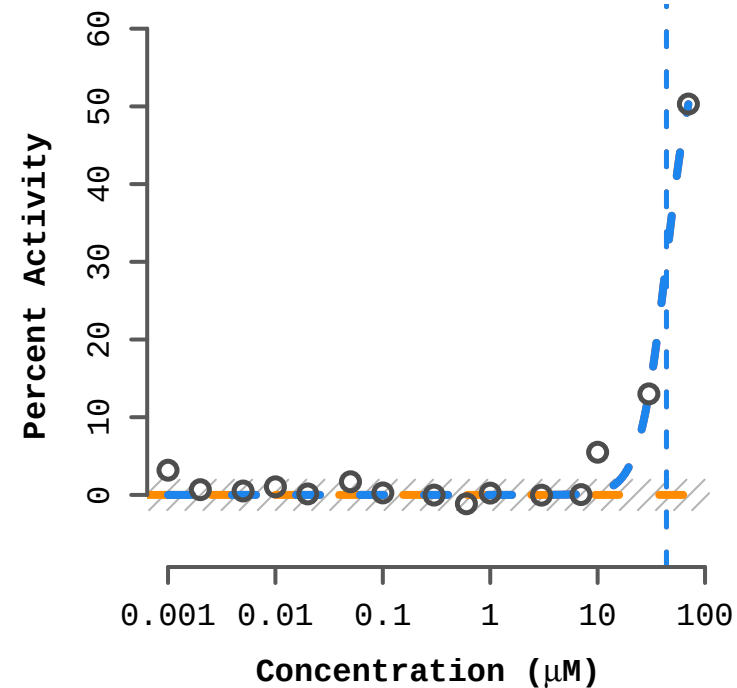
	tp	ga	gw	la	lw
val:	117	-3.52	1.19	1.86	1.66
sd:	0.673	0.055	0.104	0.0134	0.164

	CNST	HILL	GNLS
AIC:	244.75	115.71	74.84
PROB:	0	0	1
RMSE:	108.4	16.84	1.95

MAX_MEAN: 119

MAX_MED: 119

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Estragole

CHID: 20575 CASRN: 140-67-0

SPID(S): Tox21_202387

M4ID: 11453425

HILL MODEL (in red):

	tp	ga	gw
val:	60.4	1.64	3.42
sd:	1.8	0.014	0.19

GAIN-LOSS MODEL (in blue):

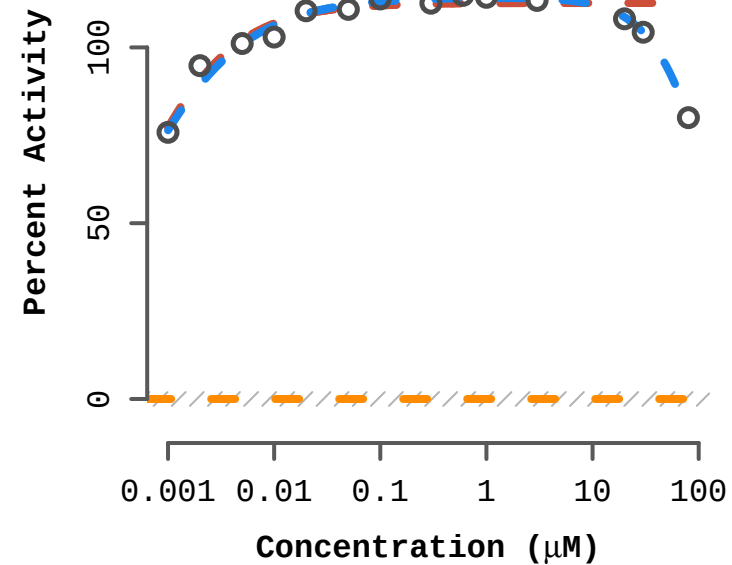
	tp	ga	gw	la	lw
val:	60.4	1.64	3.42	3.65	14.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	99.13	59.94	63.94
PROB:	0	0.88	0.12
RMSE:	13.53	1.68	1.68

MAX_MEAN: 50.3

MAX_MED: 50.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 17alpha-Ethinylestradiol

CHID: 20576 CASRN: 57-63-6

SPID(S): Tox21_201291

M4ID: 11454521

HILL MODEL (in red):

	tp	ga	gw
val:	113	-3.37	0.926
sd:	1.53	0.114	0.208

GAIN-LOSS MODEL (in blue):

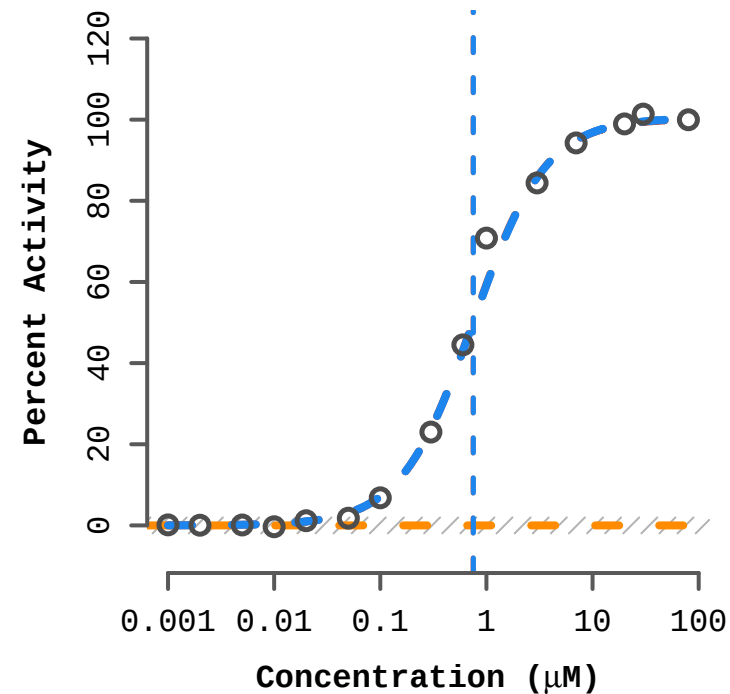
	tp	ga	gw	la	lw
val:	114	-3.37	0.818	2.15	1.52
sd:	0.609	0.0394	0.058	0.0193	0.0873

	CNST	HILL	GNLS
AIC:	206.56	103.35	74.2
PROB:	0	0	1
RMSE:	105.72	9.05	2.18

MAX_MEAN: 118

MAX_MED: 118

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethionamide

CHID: 20577 CASRN: 536-33-4

SPID(S): Tox21_202409

M4ID: 11453403

HILL MODEL (in red):

	tp	ga	gw
val:	100	-0.126	1.28
sd:	0.747	0.0253	0.0582

GAIN-LOSS MODEL (in blue):

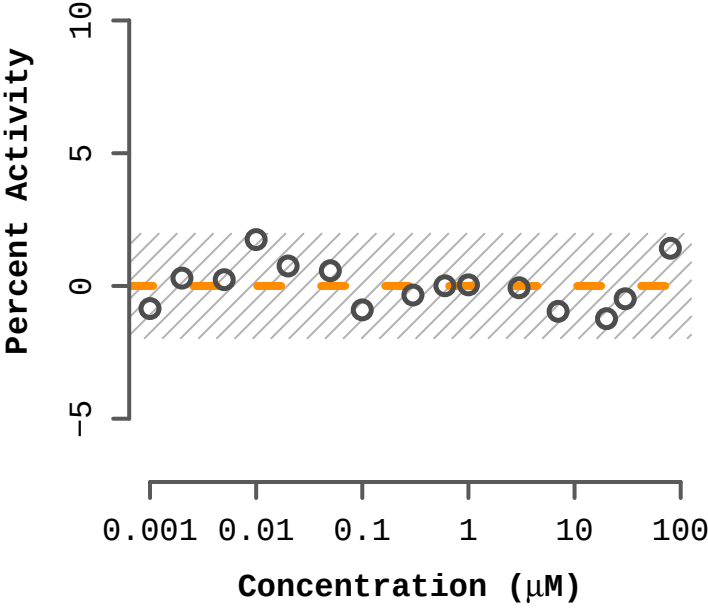
	tp	ga	gw	la	lw
val:	100	-0.123	1.27	2.13	11.9
sd:	1.16	0.0338	0.0715	0.264	12.7

	CNST	HILL	GNLS
AIC:	168.28	65.79	69.76
PROB:	0	0.88	0.12
RMSE:	59.81	3.08	3.12

MAX_MEAN: 101

MAX_MED: 101

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethoxyquin

CHID: 20582 **CASRN:** 91-53-2

SPID(S): Tox21_201336

M4ID: 11454476

HILL MODEL: Not applicable.

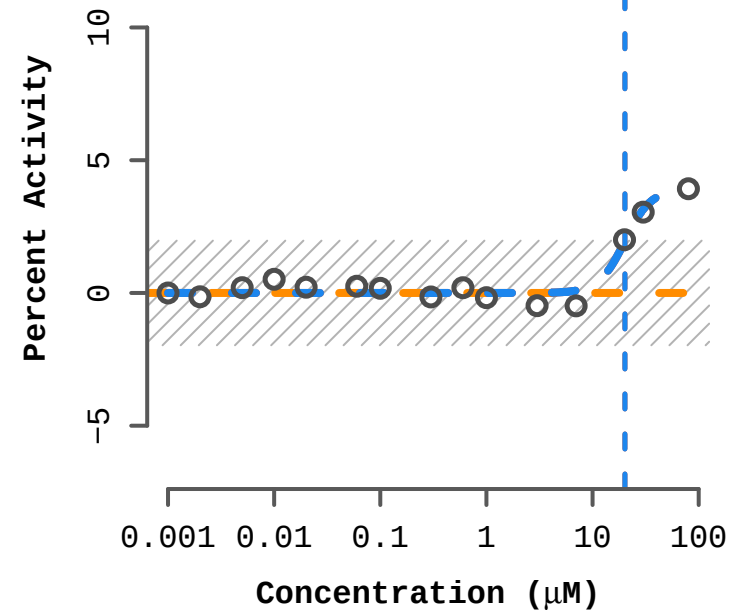
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.31	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN: 1.75

MAX_MED: 1.75

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: p,p'-Ethyl-DDD

CHID: 20589 CASRN: 72-56-0

SPID(S): Tox21_201635

M4ID: 11454177

HILL MODEL (in red):

	tp	ga	gw
val:	3.91	1.31	3.55
sd:	0.229	0.0292	0.92

GAIN-LOSS MODEL (in blue):

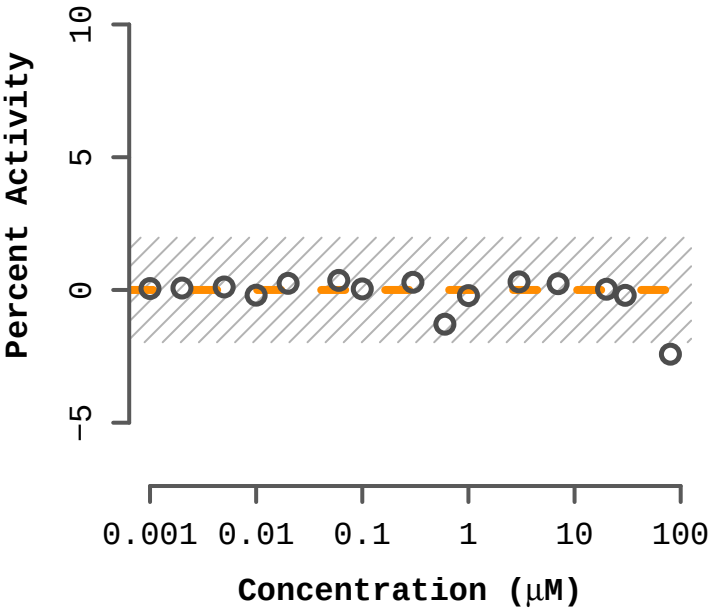
	tp	ga	gw	la	lw
val:	3.91	1.31	3.55	3.36	5.81
sd:	0.229	0.0292	0.92	1970	7910

	CNST	HILL	GNLS
AIC:	48.4	12.62	16.62
PROB:	0	0.88	0.12
RMSE:	1.41	0.28	0.28

MAX_MEAN: 3.93

MAX_MED: 3.93

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethyl methylphenylglycidate

CHID: 20591 CASRN: 77-83-8

SPID(S): Tox21_201315

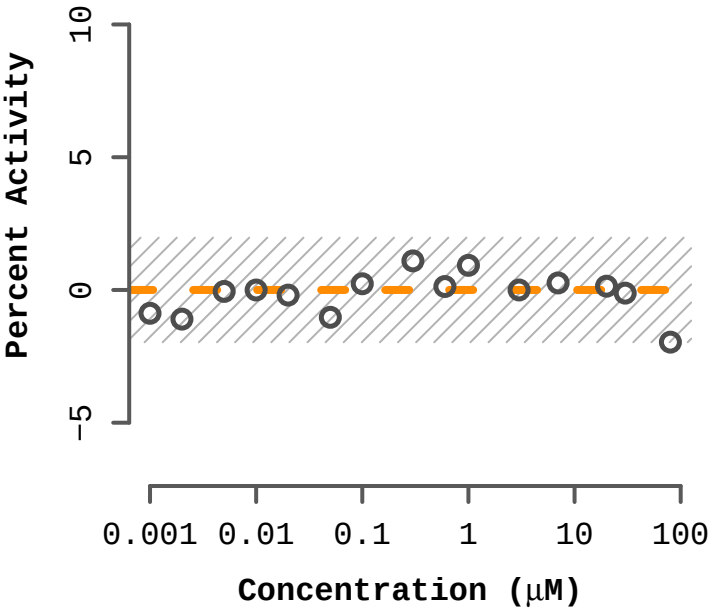
M4ID: 11454497

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.38	NA	NA
PROB:	1	NA	NA
RMSE:	0.73	NA	NA

MAX_MEAN: 0.362 MAX_MED: 0.362 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

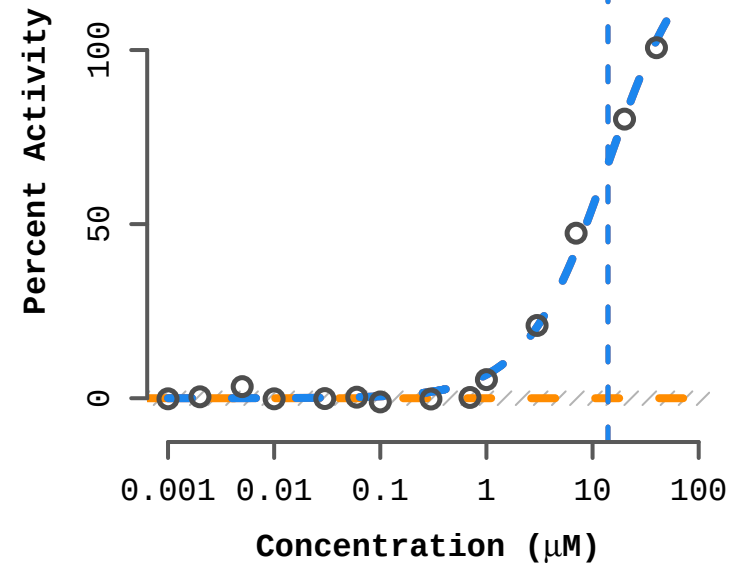
NAME: 1-Ethyl-1-nitrosourea
CHID: 20593 CASRN: 759-73-9
SPID(S): Tox21_202151
M4ID: 11453661

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.66	NA	NA
PROB:	1	NA	NA
RMSE:	0.78	NA	NA

MAX_MEAN: 1.1	MAX_MED: 1.1	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethylene glycol

CHID: 20597 CASRN: 107-21-1

SPID(S): Tox21_202038

M4ID: 11453774

HILL MODEL (in red):

	tp	ga	gw
val:	135	1.15	1.12
sd:	5.37	0.0453	0.0667

GAIN-LOSS MODEL (in blue):

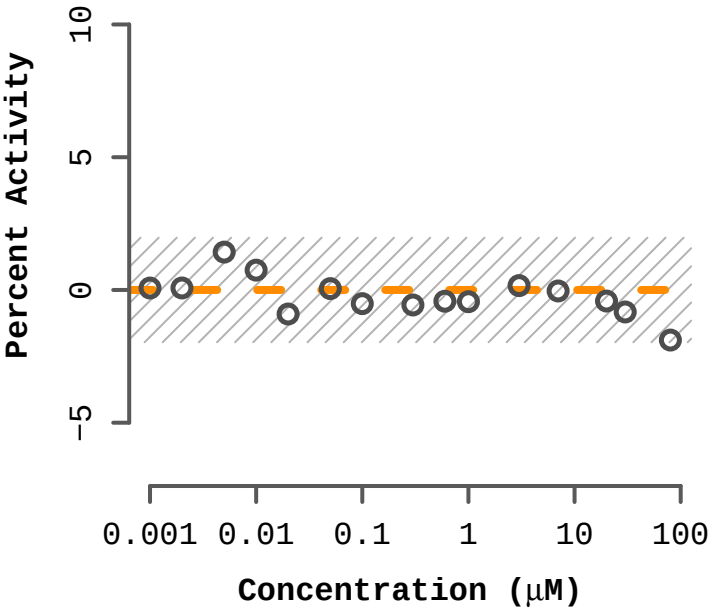
	tp	ga	gw	la	lw
val:	135	1.15	1.12	2.95	17.5
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	157.71	72.96	76.96
PROB:	0	0.88	0.12
RMSE:	47.23	2.15	2.15

MAX_MEAN: 119

MAX_MED: 119

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

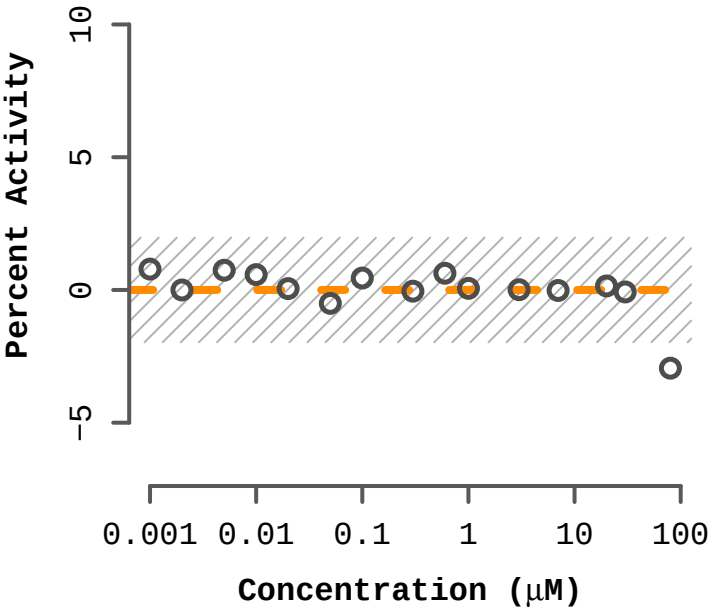
NAME: Ethylene thiourea
CHID: 20601 CASRN: 96-45-7
SPID(S): Tox21_201294
M4ID: 11454518

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.33	NA	NA
PROB:	1	NA	NA
RMSE:	0.77	NA	NA

MAX_MEAN:	1.43	MAX_MED:	1.43	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Vinyl-1-cyclohexene dioxide

CHID: 20604 **CASRN:** 106-87-6

SPID(S): Tox21_201505

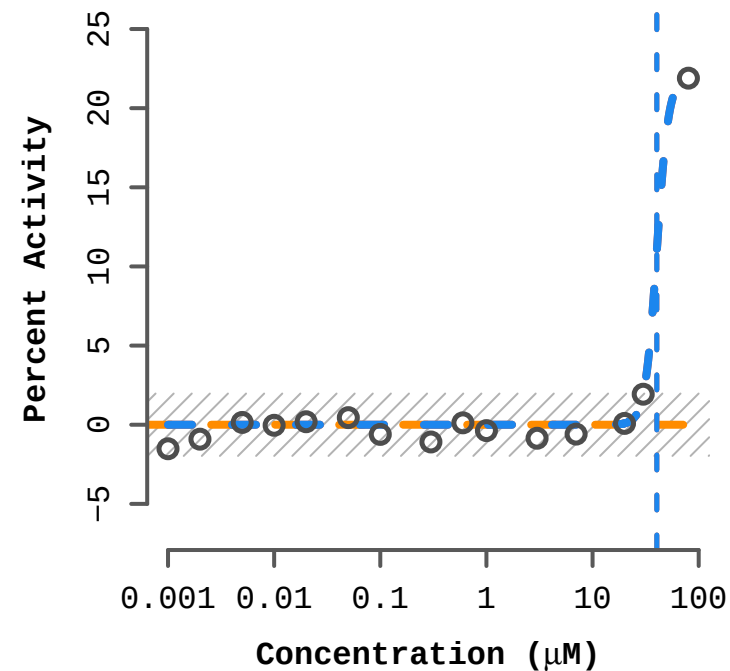
M4ID: 11454307

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.86	NA	NA

MAX_MEAN:	0.787	MAX_MED:	0.787	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethyl-1-hexanol

CHID: 20605 CASRN: 104-76-7

SPID(S): Tox21_202071

M4ID: 11453741

HILL MODEL (in red):

	tp	ga	gw
val:	22	1.61	7.91
sd:	0.471	0.0269	1.59

GAIN-LOSS MODEL (in blue):

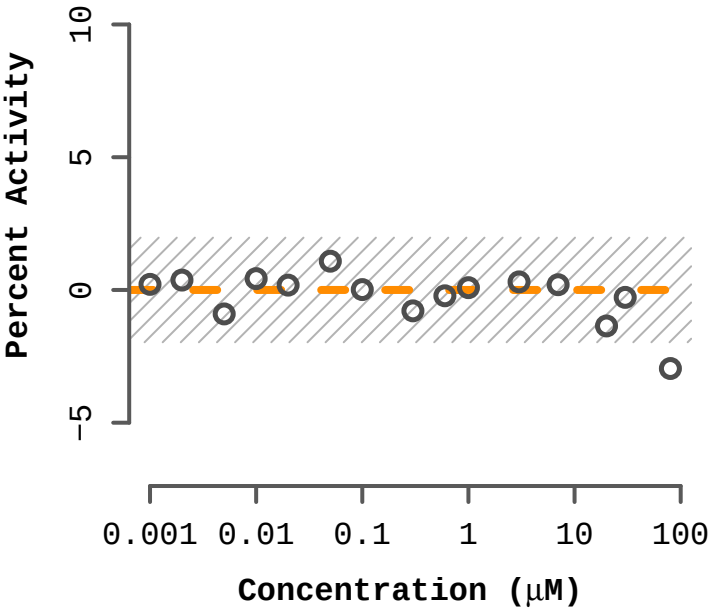
	tp	ga	gw	la	lw
val:	22	1.61	7.91	3.9	5.65
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	65.18	37.26	41.26
PROB:	0	0.88	0.12
RMSE:	5.71	0.64	0.64

MAX_MEAN: 21.9

MAX_MED: 21.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Di(2-ethylhexyl) adipate

CHID: 20606 CASRN: 103-23-1

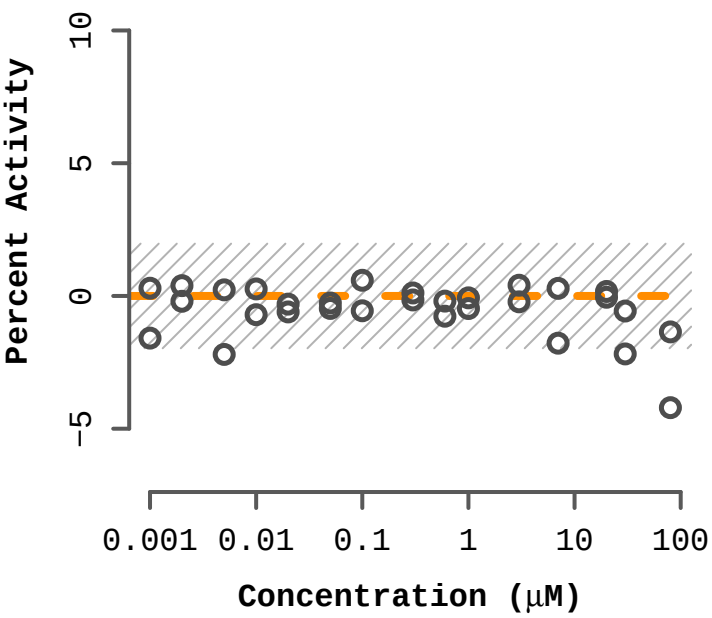
SPID(S): Tox21_202231

M4ID: 11453581

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.23	NA	NA
PROB:	1	NA	NA
RMSE:	0.96	NA	NA
MAX_MEAN:	1.08	MAX_MED: 1.08	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Di(2-ethylhexyl) phthalate

CHID: 20607 CASRN: 117-81-7

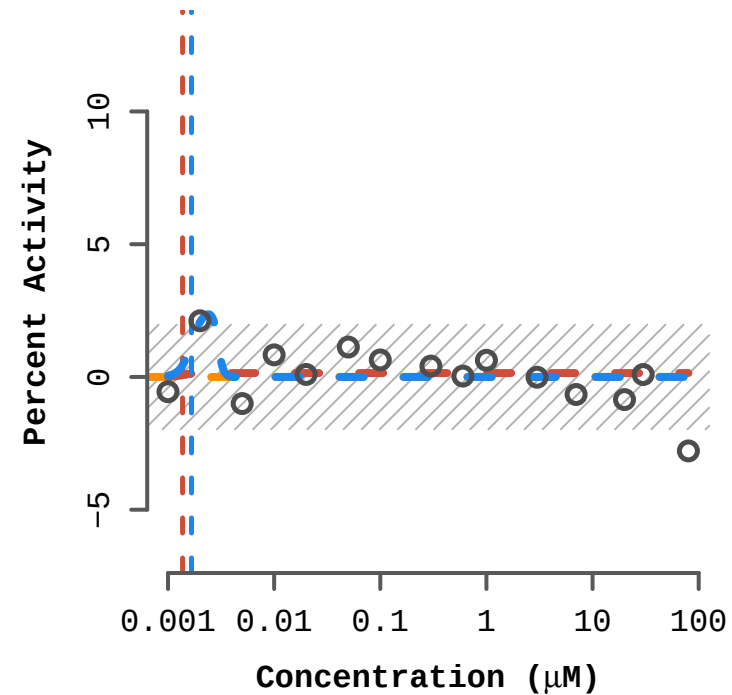
SPID(S): Tox21_400084

M4ID: 11453264

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	84.55	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.13	NA	NA	
MAX_MEAN:	0.0953	MAX_MED:	0.0953	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Etodolac

CHID: 20615 CASRN: 41340-25-4

SPID(S): Tox21_202218

M4ID: 11453594

HILL MODEL (in red):

	tp	ga	gw
val:	0.147	-2.86	8
sd:	0.259	0.408	22.4

GAIN-LOSS MODEL (in blue):

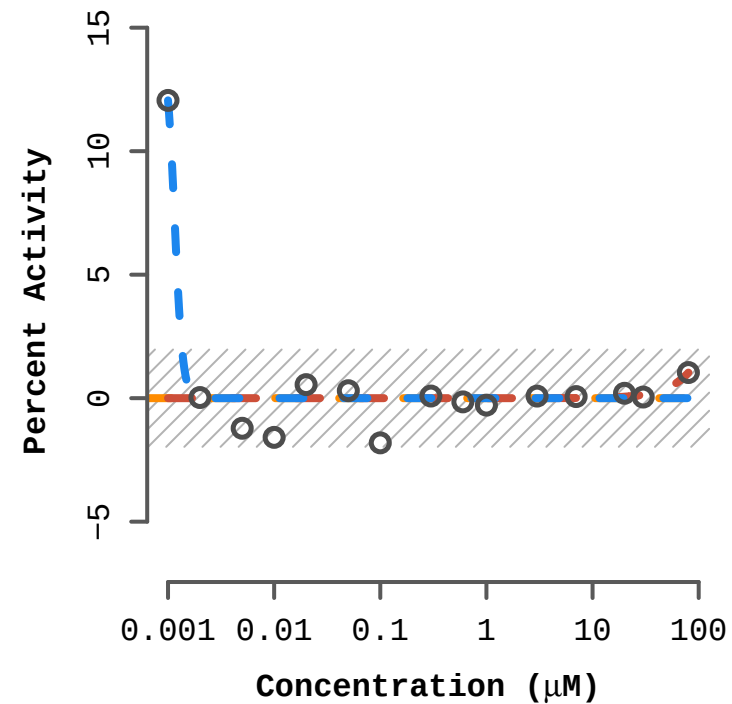
	tp	ga	gw	la	lw
val:	2.54	-2.78	8	-2.53	18
sd:	2.06	0.185	7.72	0.908	85.3

	CNST	HILL	GNLS
AIC:	46.04	51.71	50.52
PROB:	0.86	0.05	0.09
RMSE:	1.09	1.09	0.94

MAX_MEAN: 2.12

MAX_MED: 2.12

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,8-Cineol

CHID: 20616 CASRN: 470-82-6

SPID(S): Tox21_202090

M4ID: 11453722

HILL MODEL (in red):

	tp	ga	gw
val:	13	2.4	2.13
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

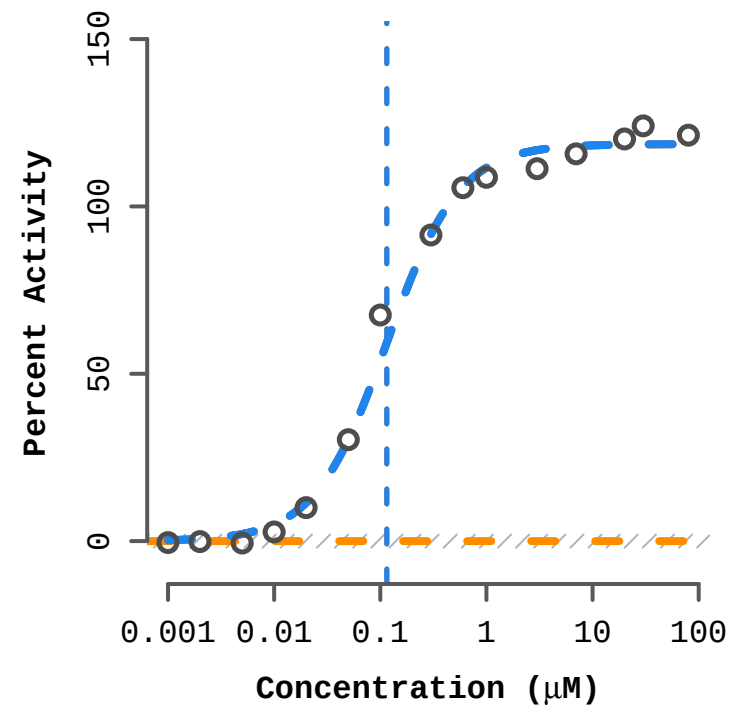
	tp	ga	gw	la	lw
val:	14.4	-4.72	2.1	-2.94	11.4
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	57.63	61.44	44.93
PROB:	0	0	1
RMSE:	3.21	3.2	0.77

MAX_MEAN: 12.1

MAX_MED: 12.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Eugenol

CHID: 20617 CASRN: 97-53-0

SPID(S): Tox21_202040

M4ID: 11453772

HILL MODEL (in red):

	tp	ga	gw
val:	119	-0.938	1.28
sd:	1.83	0.0326	0.0725

GAIN-LOSS MODEL (in blue):

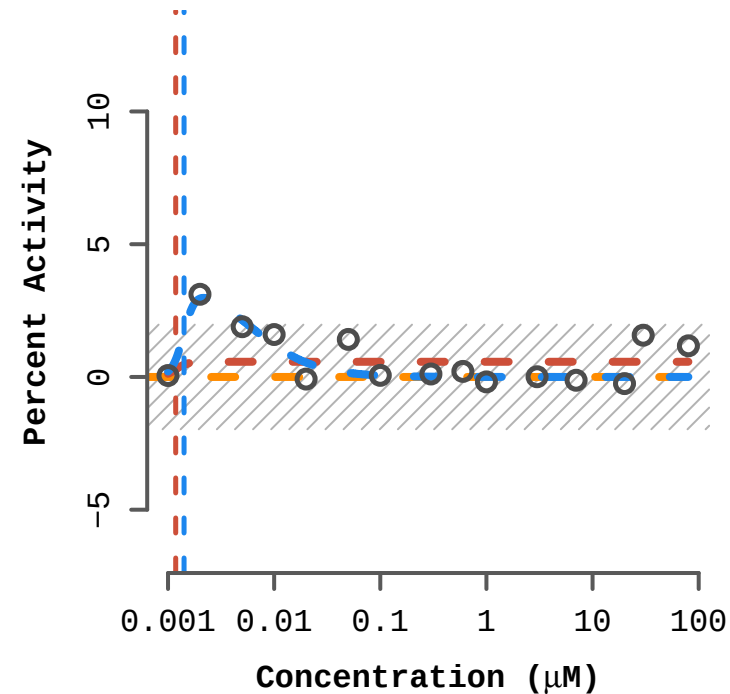
	tp	ga	gw	la	lw
val:	119	-0.938	1.28	3.79	4.83
sd:	1.83	0.0326	0.0725	1570	4020

	CNST	HILL	GNLS
AIC:	179.92	90.49	94.49
PROB:	0	0.88	0.12
RMSE:	84.56	4.37	4.37

MAX_MEAN: 124

MAX_MED: 124

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fenthion

CHID: 20620 CASRN: 55-38-9

SPID(S): Tox21_201595

M4ID: 11454217

HILL MODEL (in red):

	tp	ga	gw
val:	0.572	-2.93	8
sd:	0.28	0.296	16.7

GAIN-LOSS MODEL (in blue):

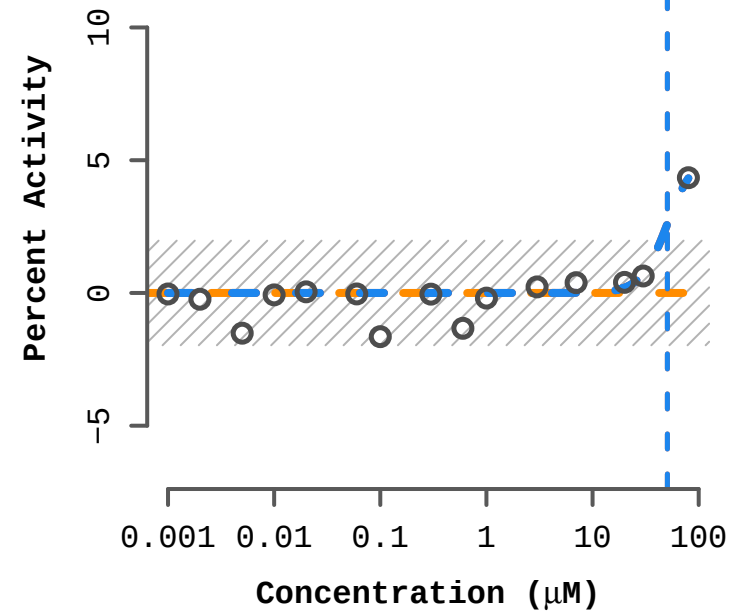
	tp	ga	gw	la	lw
val:	3.74	-2.85	8	-2.22	1.49
sd:	1.57	0.0797	3.88	0.296	1.11

	CNST	HILL	GNLS
AIC:	49.09	50.44	39.29
PROB:	0.01	0	0.99
RMSE:	1.21	0.98	0.65

MAX_MEAN: 3.11

MAX_MED: 3.11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fenvalerate

CHID: 20621 CASRN: 51630-58-1

SPID(S): Tox21_201838

M4ID: 11453974

HILL MODEL (in red):

	tp	ga	gw
val:	5.21	1.71	3.46
sd:	2.57	0.225	2.43

GAIN-LOSS MODEL (in blue):

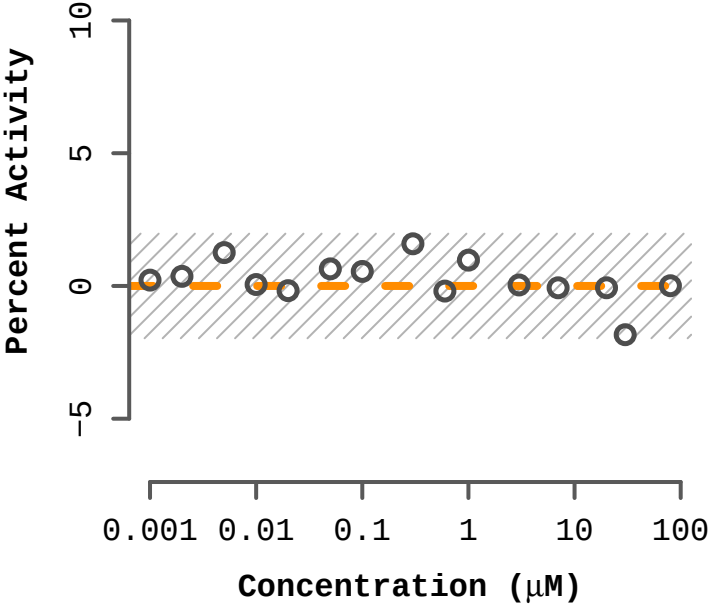
	tp	ga	gw	la	lw
val:	5.21	1.71	3.46	3.7	4.01
sd:	2.57	0.225	2.43	1310	2930

	CNST	HILL	GNLS
AIC:	46.05	34.94	38.94
PROB:	0	0.88	0.12
RMSE:	1.33	0.69	0.69

MAX_MEAN: 4.34

MAX_MED: 4.34

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ferric chloride

CHID: 20622 **CASRN:** 7705-08-0

SPID(S): Tox21_201882

M4ID: 11453930

HILL MODEL: Not applicable.

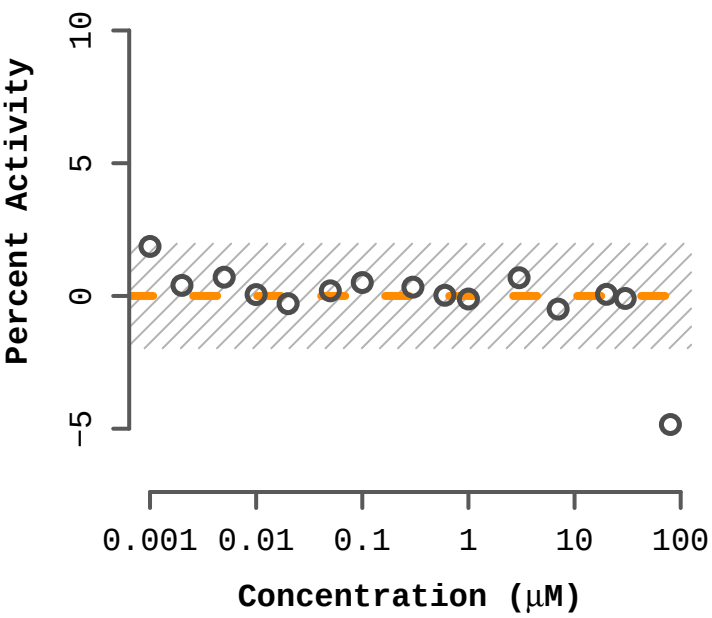
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.48	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA

MAX_MEAN: 1.59

MAX_MED: 1.59

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Finasteride

CHID: 20625 **CASRN:** 98319-26-7

SPID(S): Tox21_201506

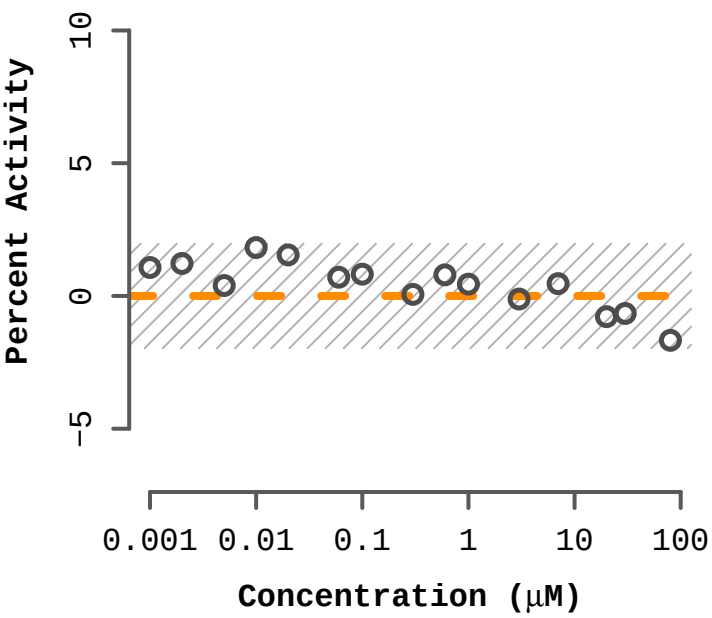
M4ID: 11454306

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.25	NA	NA
PROB:	1	NA	NA
RMSE:	1.39	NA	NA

MAX_MEAN:	1.87	MAX_MED:	1.87	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fluconazole

CHID: 20627 **CASRN:** 86386-73-4

SPID(S): Tox21_202240

M4ID: 11453572

HILL MODEL: Not applicable.

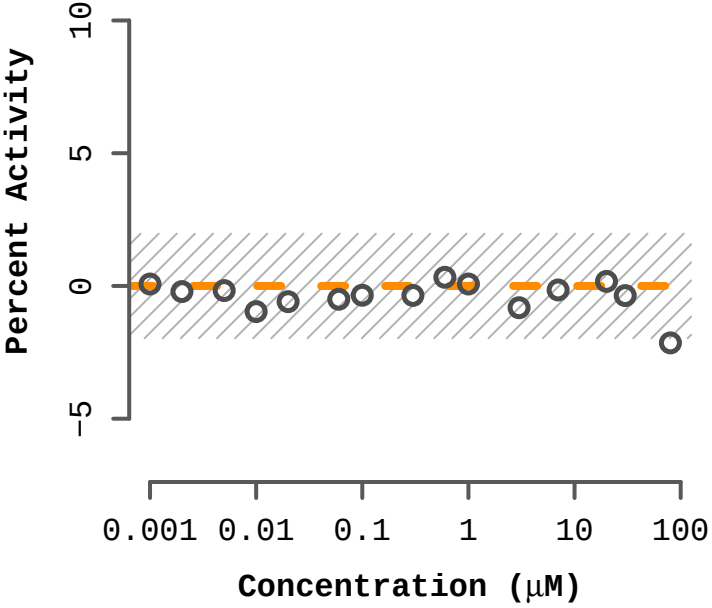
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46	NA	NA
PROB:	1	NA	NA
RMSE:	0.99	NA	NA

MAX_MEAN: 1.82

MAX_MED: 1.82

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fluometuron

CHID: 20628 CASRN: 2164-17-2

SPID(S): Tox21_201875

M4ID: 11453937

HILL MODEL: Not applicable.

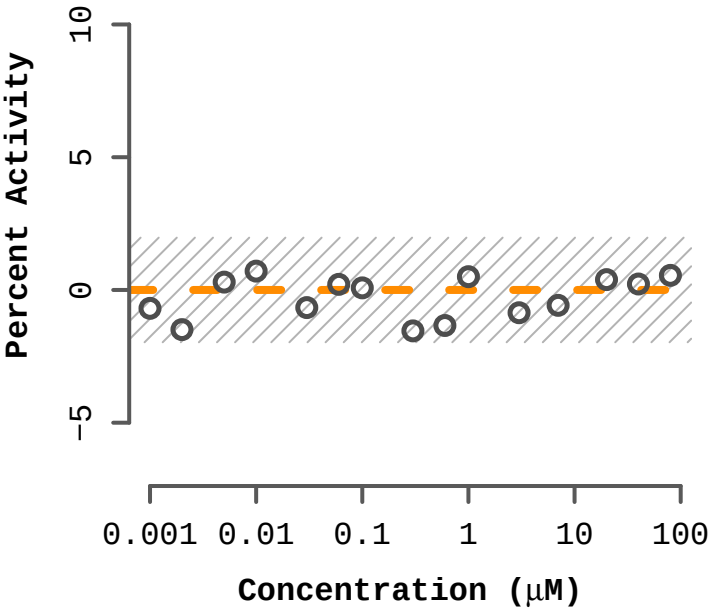
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.54	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 0.328

MAX_MED: 0.328

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

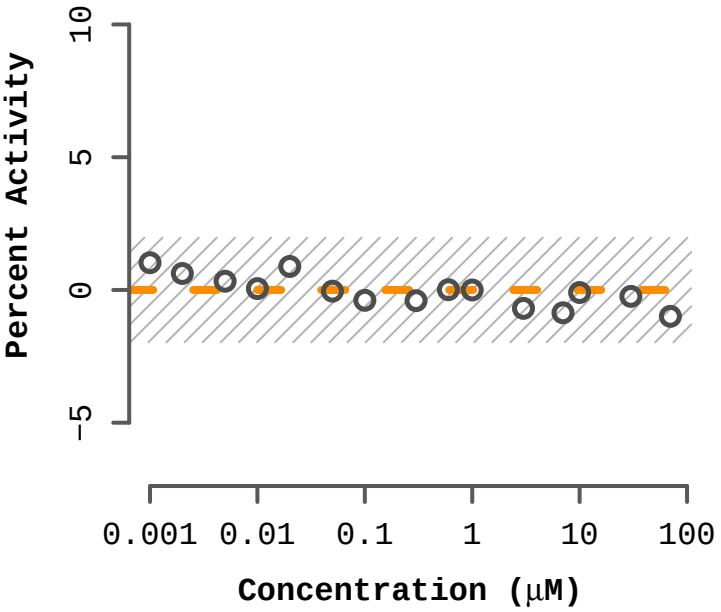
NAME: 5-Fluorouracil
CHID: 20634 CASRN: 51-21-8
SPID(S): Tox21_202335
M4ID: 11453477

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.53	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA

MAX_MEAN: 0.711 MAX_MED: 0.711 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Furfural

CHID: 20647 CASRN: 98-01-1

SPID(S): Tox21_202191

M4ID: 11453621

HILL MODEL: Not applicable.

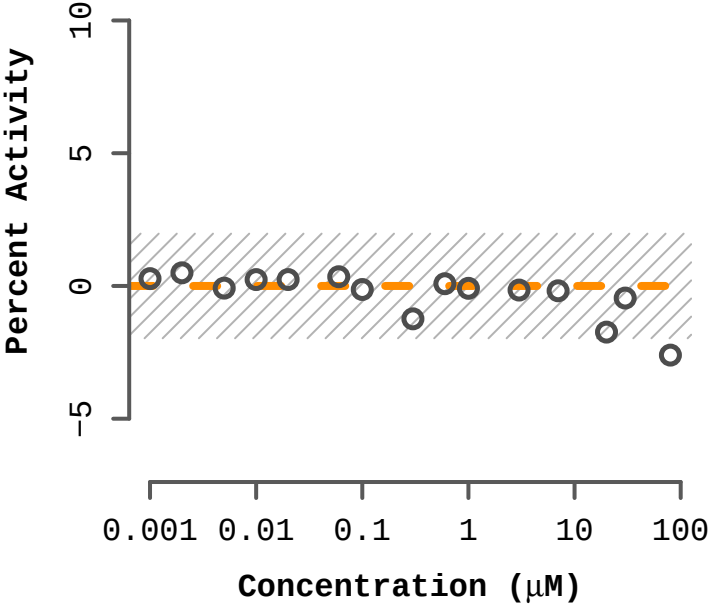
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.21	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 1.03

MAX_MED: 1.03

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Furosemide

CHID: 20648 CASRN: 54-31-9

SPID(S): Tox21_202213

M4ID: 11453599

HILL MODEL: Not applicable.

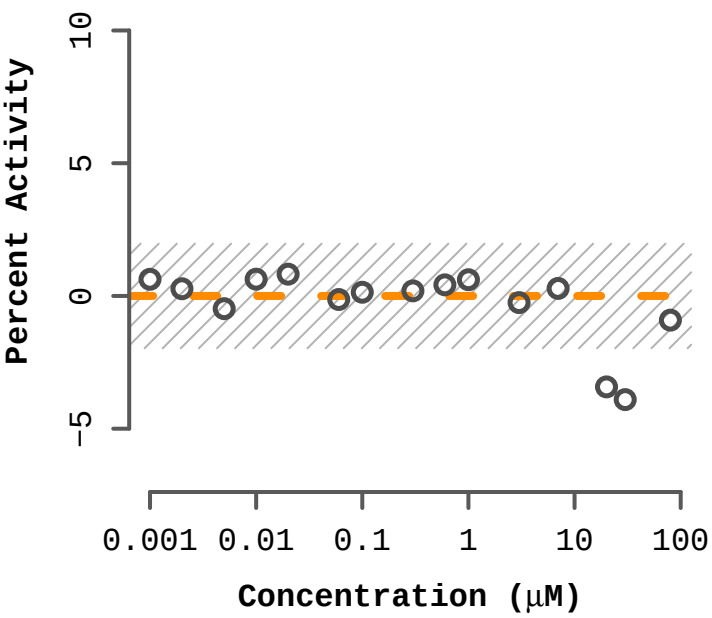
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.5	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA

MAX_MEAN: 0.496

MAX_MED: 0.496

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Gemfibrozil

CHID: 20652 **CASRN:** 25812-30-0

SPID(S): Tox21_201997

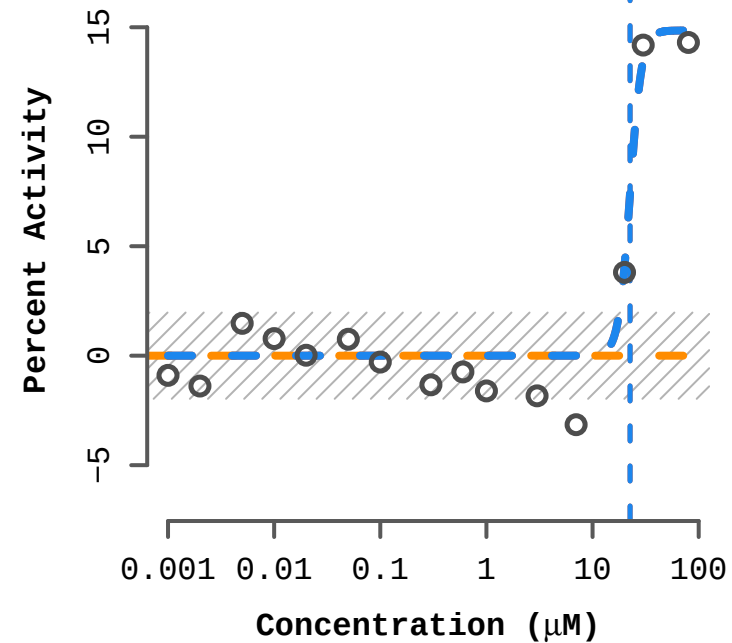
M4ID: 11453815

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.95	NA	NA
PROB:	1	NA	NA
RMSE:	1.42	NA	NA

MAX_MEAN: 0.822 **MAX_MED:** 0.822 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Gentian Violet

CHID: 20653 CASRN: 548-62-9

SPID(S): Tox21_201762

M4ID: 11454050

HILL MODEL (in red):

	tp	ga	gw
val:	14.9	1.35	8
sd:	0.924	0.0196	2.15

GAIN-LOSS MODEL (in blue):

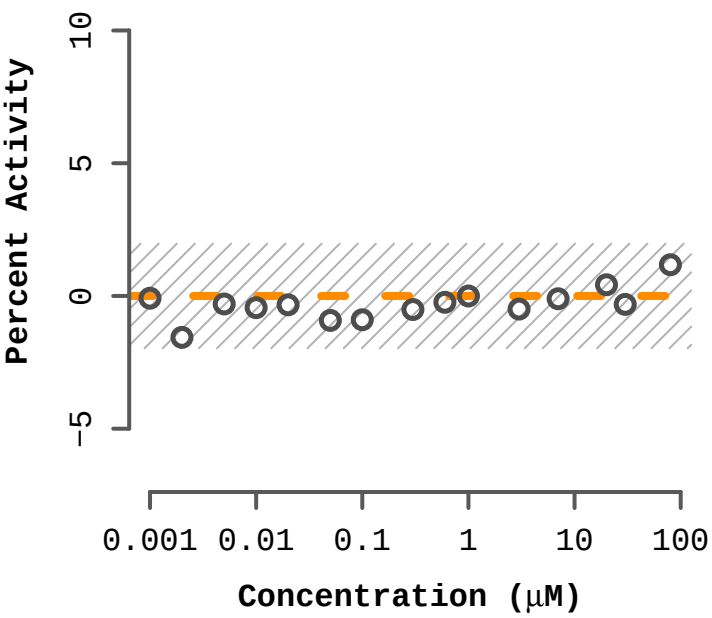
	tp	ga	gw	la	lw
val:	14.9	1.35	8	3.87	7.58
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	87.74	59.15	63.15
PROB:	0	0.88	0.12
RMSE:	5.45	1.3	1.3

MAX_MEAN: 14.3

MAX_MED: 14.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Geranyl acetate

CHID: 20654 **CASRN:** 105-87-3

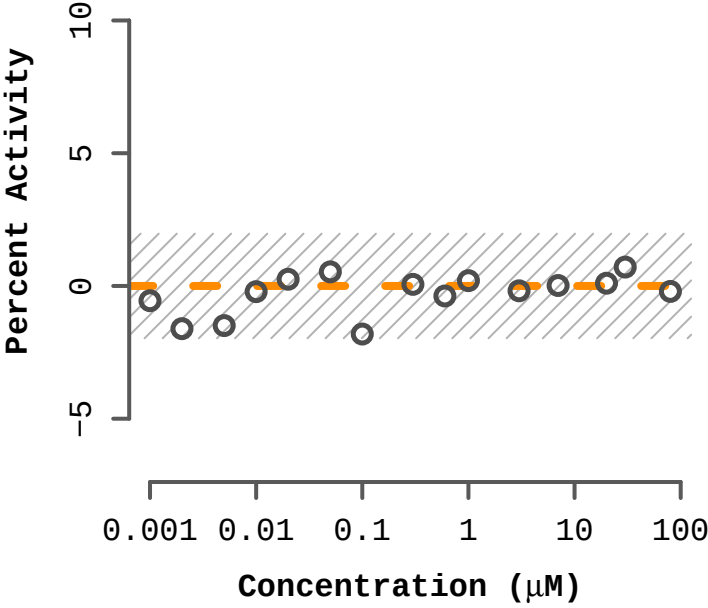
SPID(S): Tox21_202089

M4ID: 11453723

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	32.81	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.67	NA	NA	
MAX_MEAN:	1.18	MAX_MED:	1.18	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Gibberellic acid

CHID: 20656 **CASRN:** 77-06-5

SPID(S): Tox21_202052

M4ID: 11453760

HILL MODEL: Not applicable.

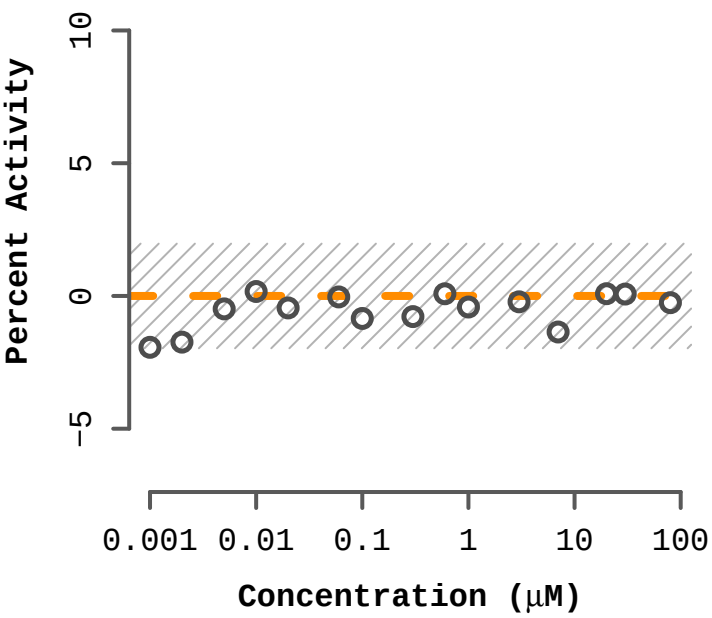
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.43	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA

MAX_MEAN: 0.713

MAX_MED: 0.713

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Glycerol

CHID: 20663 **CASRN:** 56-81-5

SPID(S): Tox21_202077

M4ID: 11453735

HILL MODEL: Not applicable.

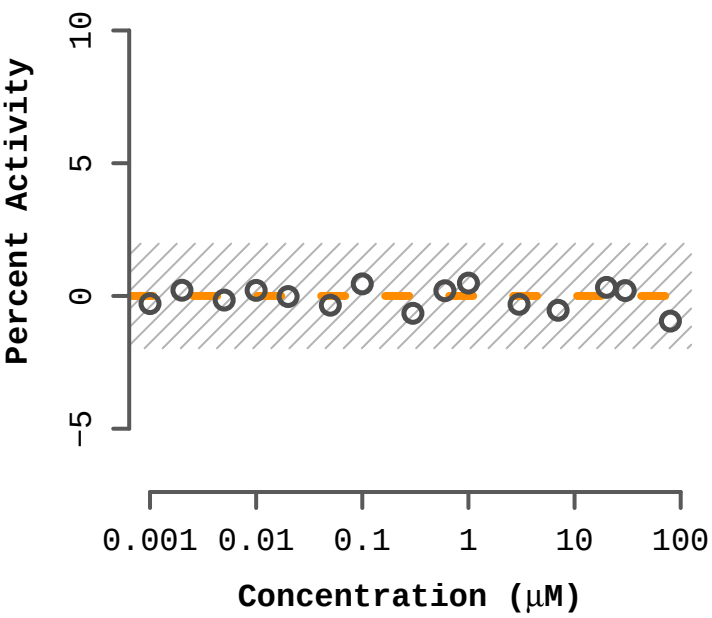
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.56	NA	NA
PROB:	1	NA	NA
RMSE:	0.84	NA	NA

MAX_MEAN: 0.169

MAX_MED: 0.169

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Chloro-1,2-propanediol

CHID: 20664 CASRN: 96-24-2

SPID(S): Tox21_202262

M4ID: 11453550

HILL MODEL: Not applicable.

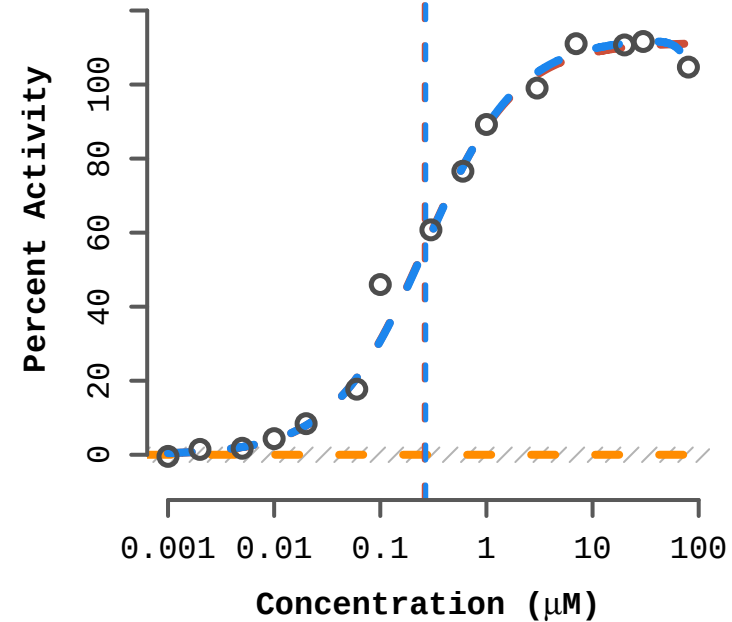
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	19.98	NA	NA
PROB:	1	NA	NA
RMSE:	0.42	NA	NA

MAX_MEAN: 0.487

MAX_MED: 0.487

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Glycidol

CHID: 20666 CASRN: 556-52-5

SPID(S): Tox21_201309

M4ID: 11454503

HILL MODEL (in red):

	tp	ga	gw
val:	111	-0.586	1
sd:	1.71	0.0296	0.0582

GAIN-LOSS MODEL (in blue):

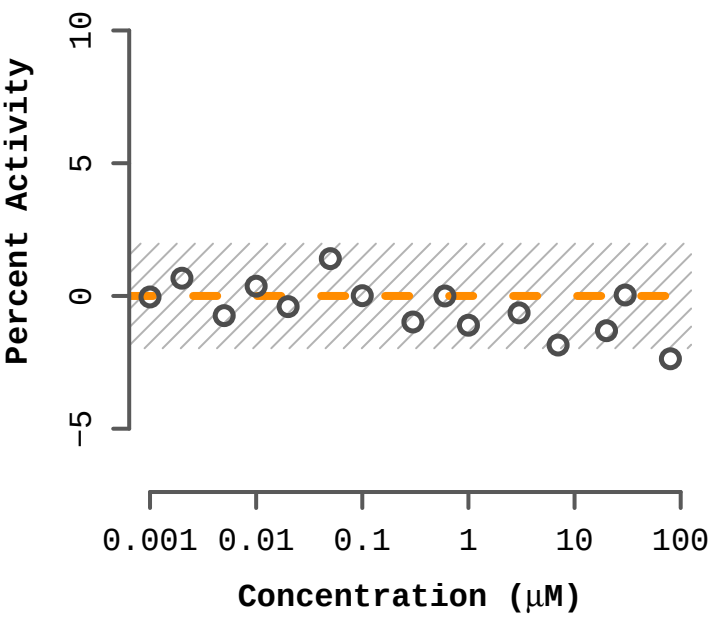
	tp	ga	gw	la	lw
val:	113	-0.572	0.994	2.13	5.08
sd:	1.09	0.0216	0.0438	0.0299	0.735

	CNST	HILL	GNLS
AIC:	174.78	88.11	84.47
PROB:	0	0.14	0.86
RMSE:	72.05	4.55	4.26

MAX_MEAN: 112

MAX_MED: 112

BMAD: 0.657



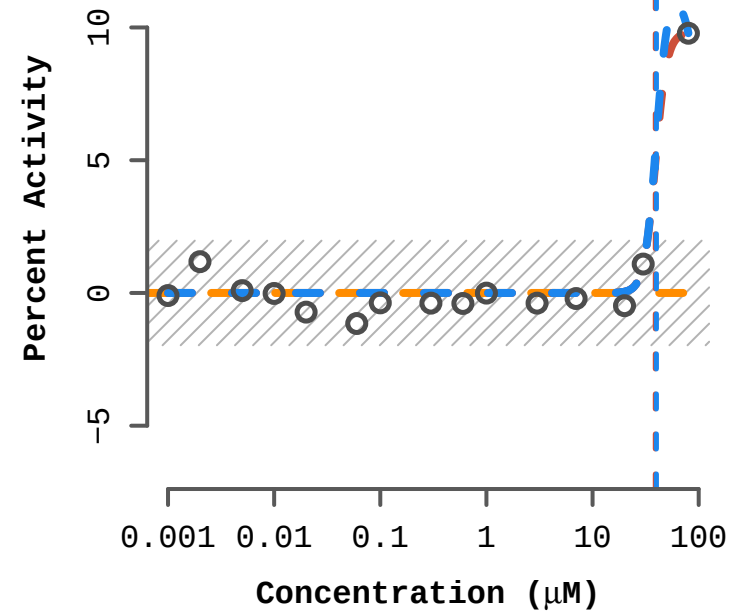
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Griseofulvin
CHID: 20674 **CASRN:** 126-07-8
SPID(S): Tox21_202235
M4ID: 11453577

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.7	NA	NA
PROB:	1	NA	NA
RMSE:	1.05	NA	NA
MAX_MEAN:	1.41	MAX_MED: 1.41	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Heptachlor

CHID: 20679 CASRN: 76-44-8

SPID(S): Tox21_201911

M4ID: 11453901

HILL MODEL (in red):

	tp	ga	gw
val:	9.81	1.59	8
sd:	0.372	0.0578	3.82

GAIN-LOSS MODEL (in blue):

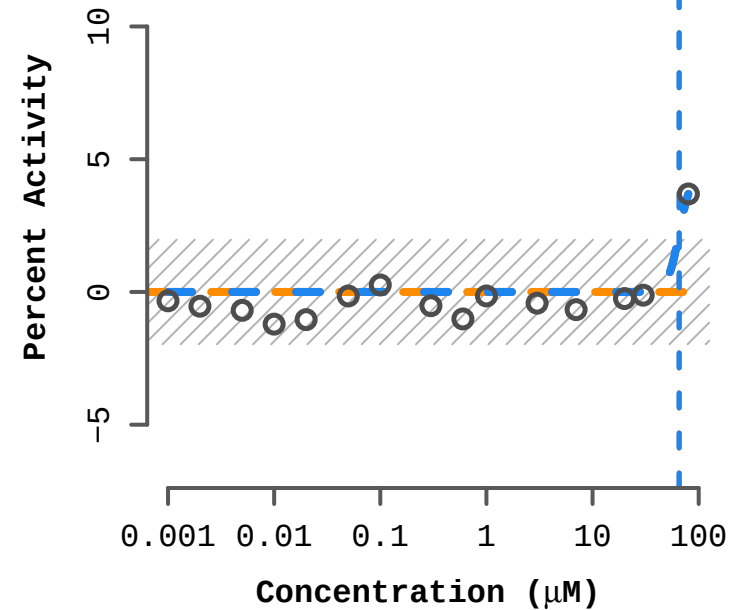
	tp	ga	gw	la	lw
val:	11.7	1.6	8	2.04	5.24
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	51.13	30.64	34.64
PROB:	0	0.88	0.12
RMSE:	2.59	0.53	0.53

MAX_MEAN: 9.78

MAX_MED: 9.78

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexachloro-1,3-butadiene

CHID: 20683 CASRN: 87-68-3

SPID(S): Tox21_201725

M4ID: 11454087

HILL MODEL (in red):

	tp	ga	gw
val:	4.43	1.82	8
sd:	7.76	0.482	16.1

GAIN-LOSS MODEL (in blue):

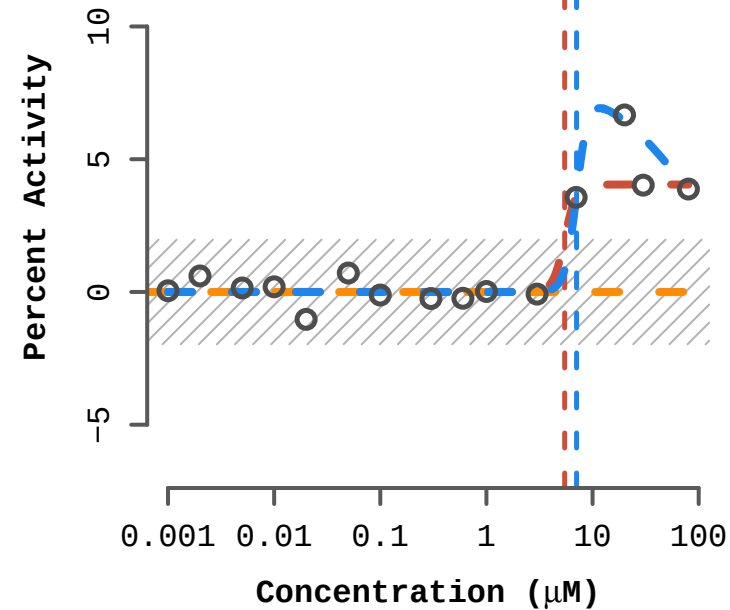
	tp	ga	gw	la	lw
val:	4.43	1.82	8	3.28	3.68
sd:	7.97	0.496	16.2	577	1540

	CNST	HILL	GNLS
AIC:	42.78	36.84	40.84
PROB:	0.04	0.84	0.11
RMSE:	1.13	0.61	0.61

MAX_MEAN: 3.69

MAX_MED: 3.69

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: beta-Hexachlorocyclohexane

CHID: 20685 CASRN: 319-85-7

SPID(S): Tox21_202290

M4ID: 11453522

HILL MODEL (in red):

	tp	ga	gw
val:	4.05	0.737	8
sd:	0.239	0.0808	5.57

GAIN-LOSS MODEL (in blue):

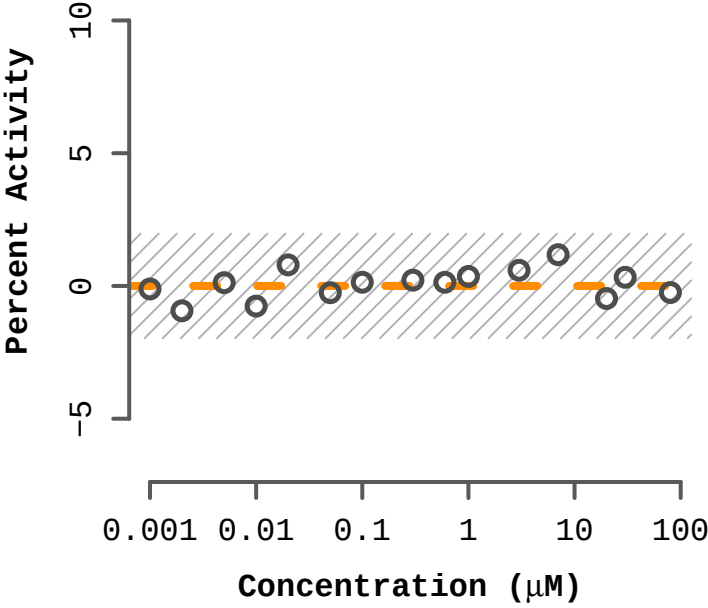
	tp	ga	gw	la	lw
val:	8	0.849	8	1.87	1.09
sd:	2.15	0.0169	10.2	0.238	0.628

	CNST	HILL	GNLS
AIC:	68.08	33.89	34.64
PROB:	0	0.59	0.41
RMSE:	2.46	0.78	0.6

MAX_MEAN: 6.67

MAX_MED: 6.67

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Lindane

CHID: 20686 **CASRN:** 58-89-9

SPID(S): Tox21_202069

M4ID: 11453743

HILL MODEL: Not applicable.

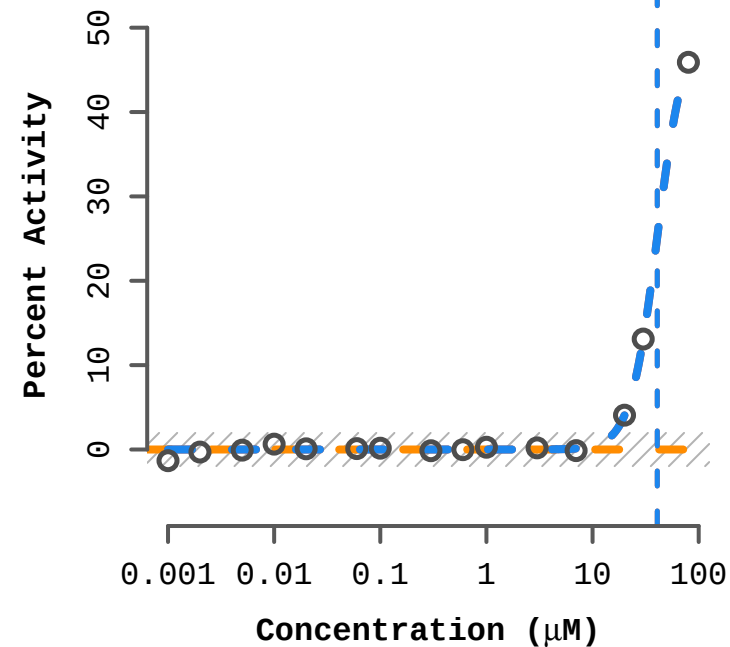
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	27.5	NA	NA
PROB:	1	NA	NA
RMSE:	0.55	NA	NA

MAX_MEAN: 1.18

MAX_MED: 1.18

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,3,4,5,6-Hexachlorocyclohexane

CHID: 20687 CASRN: 608-73-1

SPID(S): Tox21_201777

M4ID: 11454035

HILL MODEL (in red):

	tp	ga	gw
val:	50.4	1.61	3.43
sd:	0.286	0.00438	0.0394

GAIN-LOSS MODEL (in blue):

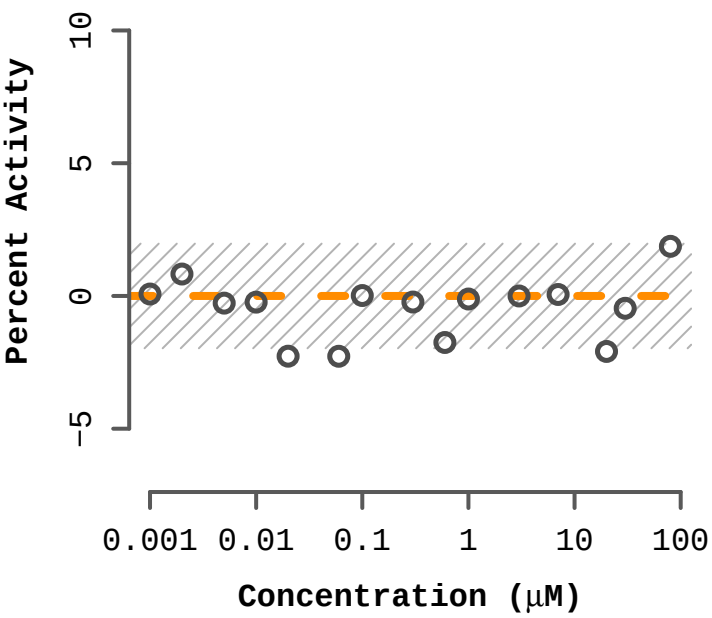
	tp	ga	gw	la	lw
val:	50.4	1.61	3.43	2.77	17.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	92.24	16.76	20.76
PROB:	0	0.88	0.12
RMSE:	12.38	0.41	0.41

MAX_MEAN: 45.9

MAX_MED: 45.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexachlorocyclopentadiene

CHID: 20688 CASRN: 77-47-4

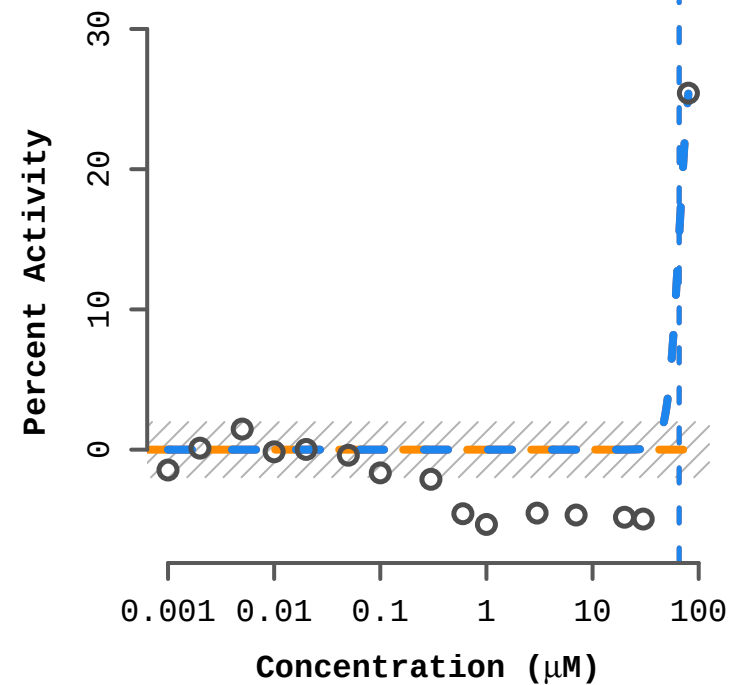
SPID(S): Tox21_202279

M4ID: 11453533

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	50.6	NA	NA
PROB:	1	NA	NA
RMSE:	1.22	NA	NA
MAX_MEAN:	1.87	MAX_MED:	1.87
			BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexachlorophene

CHID: 20690 CASRN: 70-30-4

SPID(S): Tox21_201350

M4ID: 11454462

HILL MODEL (in red):

	tp	ga	gw
val:	30.5	1.82	8
sd:	20.7	0.175	7.53

GAIN-LOSS MODEL (in blue):

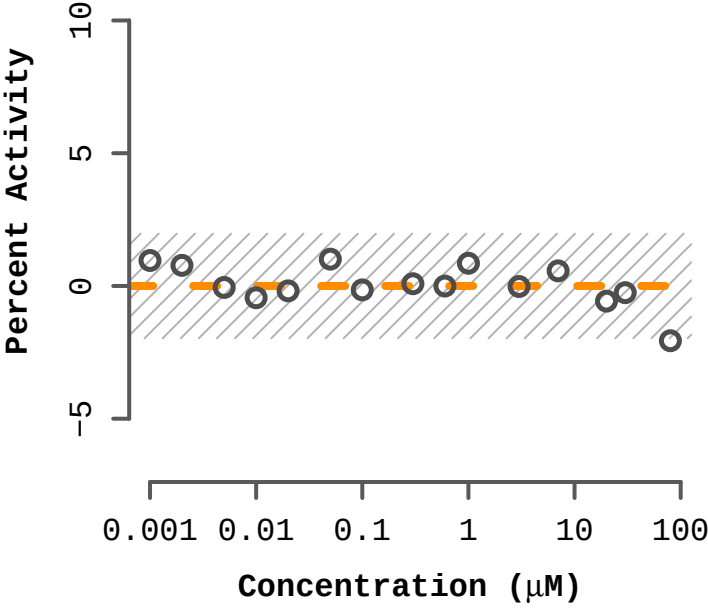
	tp	ga	gw	la	lw
val:	30.5	1.82	8	3.89	3.6
sd:	20.7	0.174	7.52	3260	5900

	CNST	HILL	GNLS
AIC:	95.02	86.7	90.7
PROB:	0.01	0.87	0.12
RMSE:	7.29	3.18	3.18

MAX_MEAN: 25.4

MAX_MED: 25.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methenamine

CHID: 20692 **CASRN:** 100-97-0

SPID(S): Tox21_201606

M4ID: 11454206

HILL MODEL: Not applicable.

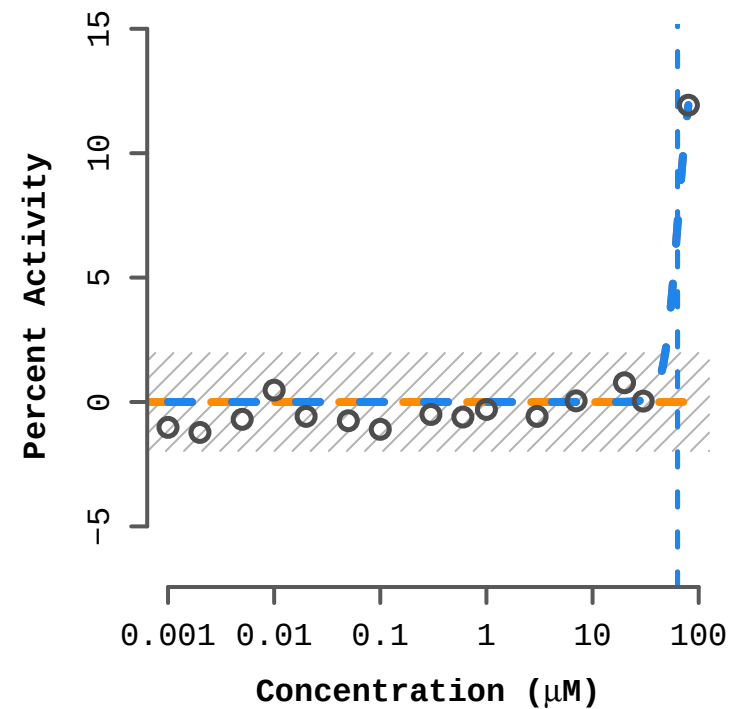
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.96	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 1.01

MAX_MED: 1.01

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexamethylphosphoramide

CHID: 20694 CASRN: 680-31-9

SPID(S): Tox21_201837

M4ID: 11453975

HILL MODEL (in red):

	tp	ga	gw
val:	14.3	1.8	6.84
sd:	21.2	0.148	29.1

GAIN-LOSS MODEL (in blue):

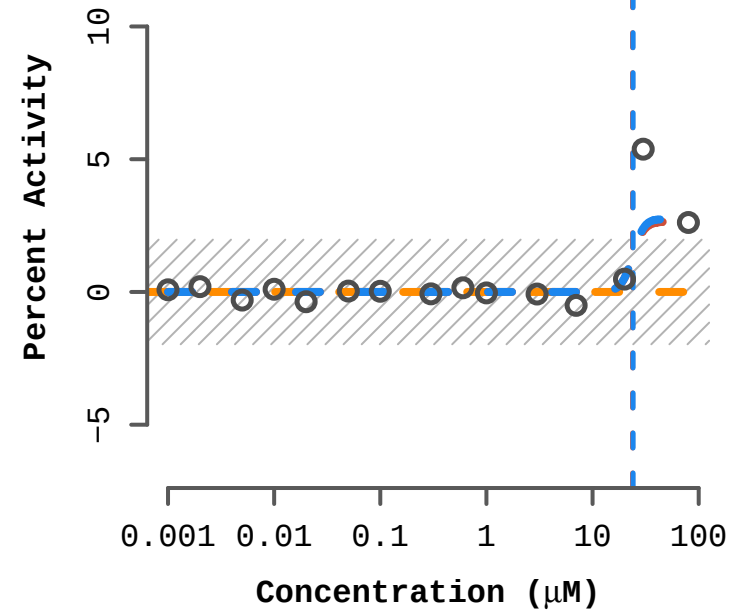
	tp	ga	gw	la	lw
val:	14.3	1.8	6.85	3.9	1.62
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	56.71	41.28	45.28
PROB:	0	0.88	0.12
RMSE:	3.16	0.68	0.68

MAX_MEAN: 11.9

MAX_MED: 11.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Hexylresorcinol

CHID: 20699 CASRN: 136-77-6

SPID(S): Tox21_202263

M4ID: 11453549

HILL MODEL (in red):

	tp	ga	gw
val:	2.65	1.38	8
sd:	0.182	0.0401	4.15

GAIN-LOSS MODEL (in blue):

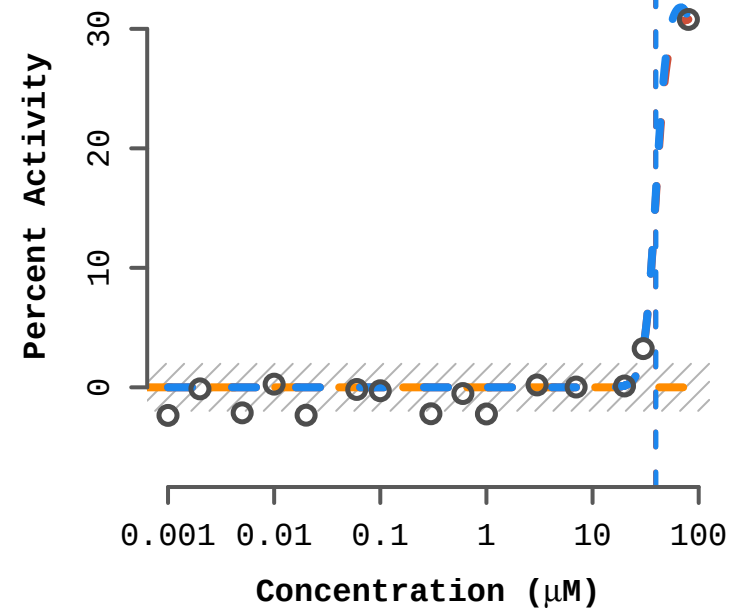
	tp	ga	gw	la	lw
val:	3.38	1.38	8	3.78	0.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	40.98	22.66	26.33
PROB:	0	0.86	0.14
RMSE:	1.56	0.82	0.8

MAX_MEAN: 5.38

MAX_MED: 5.38

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Diphenylhydrazine

CHID: 20710 CASRN: 122-66-7

SPID(S): Tox21_202323

M4ID: 11453489

HILL MODEL (in red):

	tp	ga	gw
val:	30.9	1.59	8
sd:	0.899	0.0371	2.47

GAIN-LOSS MODEL (in blue):

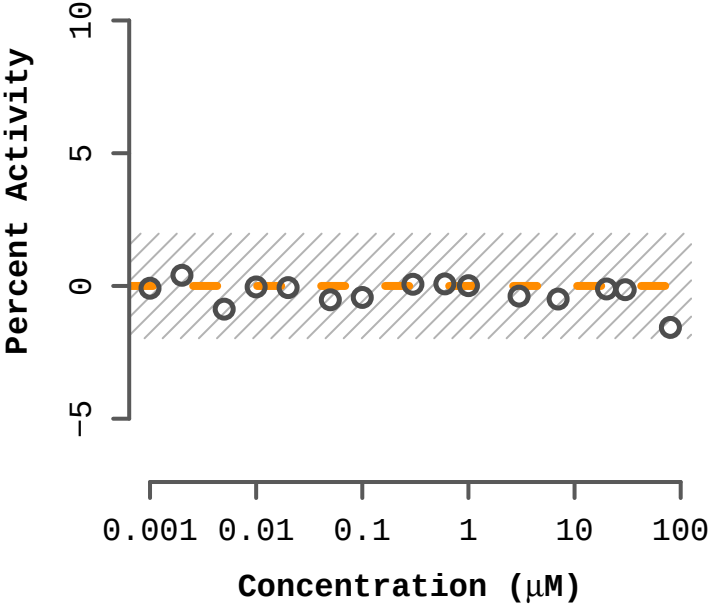
	tp	ga	gw	la	lw
val:	32.6	1.6	8	2.03	9.8
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	81.97	58.46	62.46
PROB:	0	0.88	0.12
RMSE:	8.1	1.31	1.31

MAX_MEAN: 30.8

MAX_MED: 30.8

BMAD: 0.657



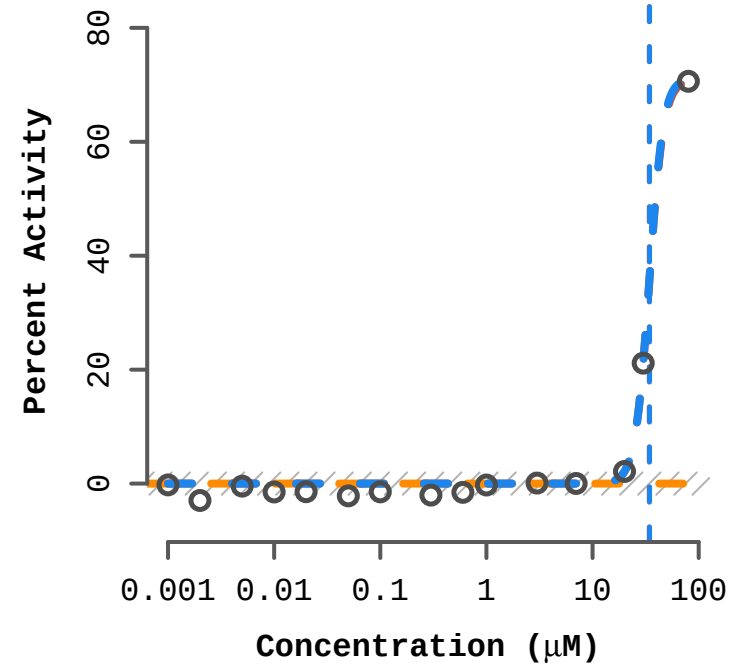
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hydrochlorothiazide
CHID: 20713 **CASRN:** 58-93-5
SPID(S): Tox21_201565
M4ID: 11454247

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	22.64	NA	NA
PROB:	1	NA	NA
RMSE:	0.53	NA	NA
MAX_MEAN:	0.403	MAX_MED: 0.403	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hydroquinone

CHID: 20716 CASRN: 123-31-9

SPID(S): Tox21_202345

M4ID: 11453467

HILL MODEL (in red):

	tp	ga	gw
val:	70.9	1.53	6.45
sd:	0.935	0.00647	0.452

GAIN-LOSS MODEL (in blue):

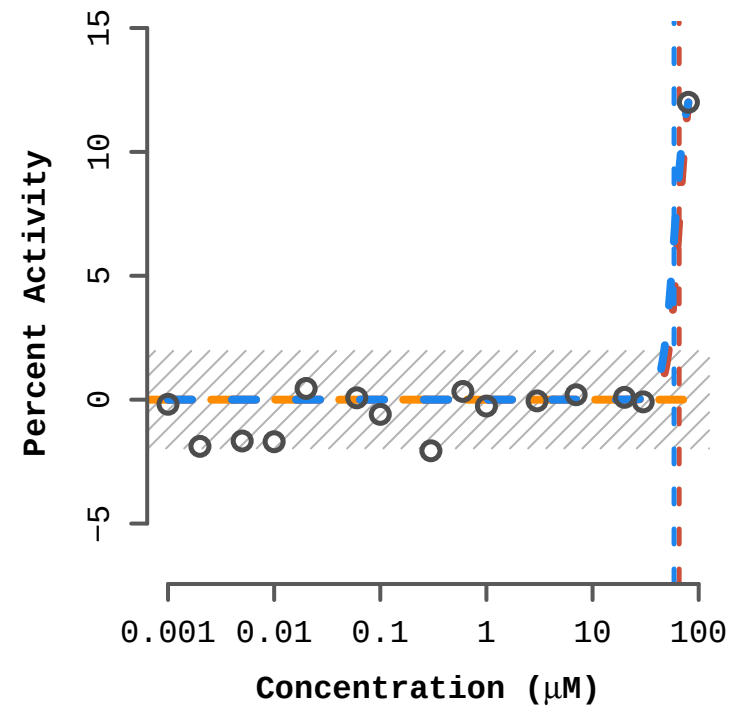
	tp	ga	gw	la	lw
val:	74.2	1.54	6.44	3.9	0.669
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	105.76	59.48	63.48
PROB:	0	0.88	0.12
RMSE:	19.09	1.32	1.32

MAX_MEAN: 70.6

MAX_MED: 70.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Hydroxy-4-butyrophenetidine

CHID: 20721 CASRN: 1083-57-4

SPID(S): Tox21_201816

M4ID: 11453996

HILL MODEL (in red):

	tp	ga	gw
val:	14.4	1.82	8
sd:	12	0.0686	20.2

GAIN-LOSS MODEL (in blue):

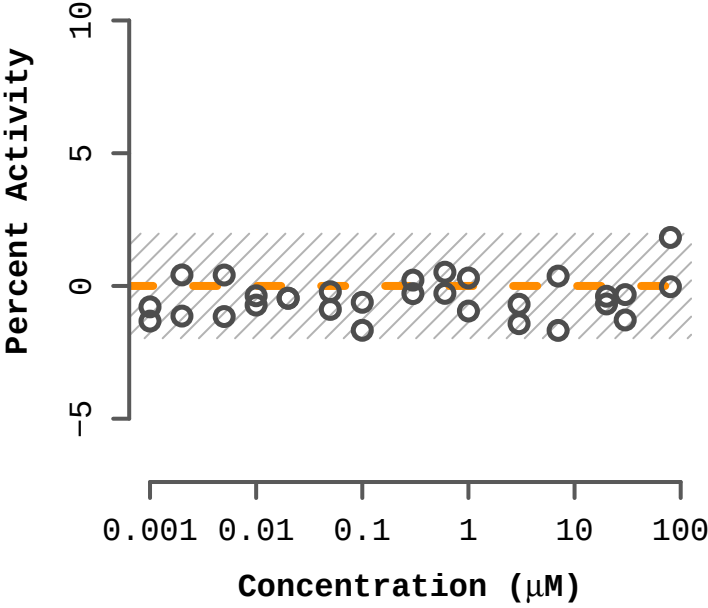
	tp	ga	gw	la	lw
val:	13	1.77	8	3.9	7.25
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	62.64	48.6	52.62
PROB:	0	0.88	0.12
RMSE:	3.25	0.98	0.98

MAX_MEAN: 12

MAX_MED: 12

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 8-Hydroxyquinoline

CHID: 20730 CASRN: 148-24-3

SPID(S): Tox21_400006

M4ID: 11453342

HILL MODEL: Not applicable.

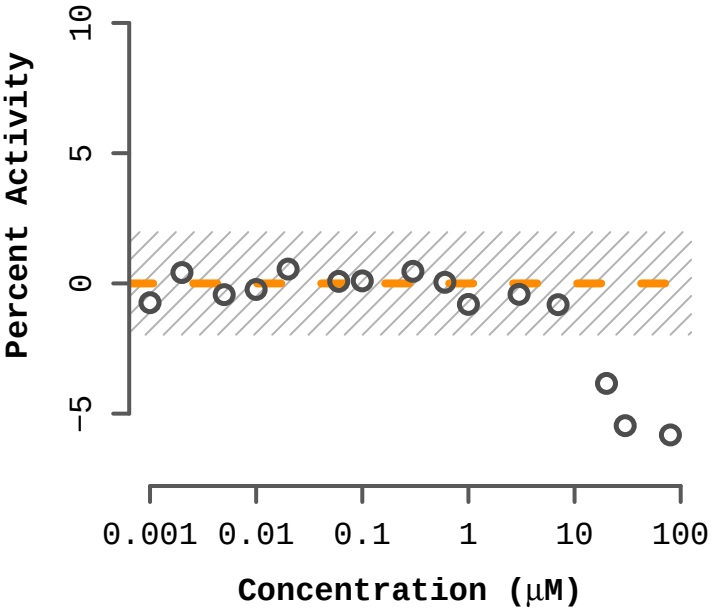
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	81.75	NA	NA
PROB:	1	NA	NA
RMSE:	0.87	NA	NA

MAX_MEAN: 0.9

MAX_MED: 0.9

BMAD: 0.657



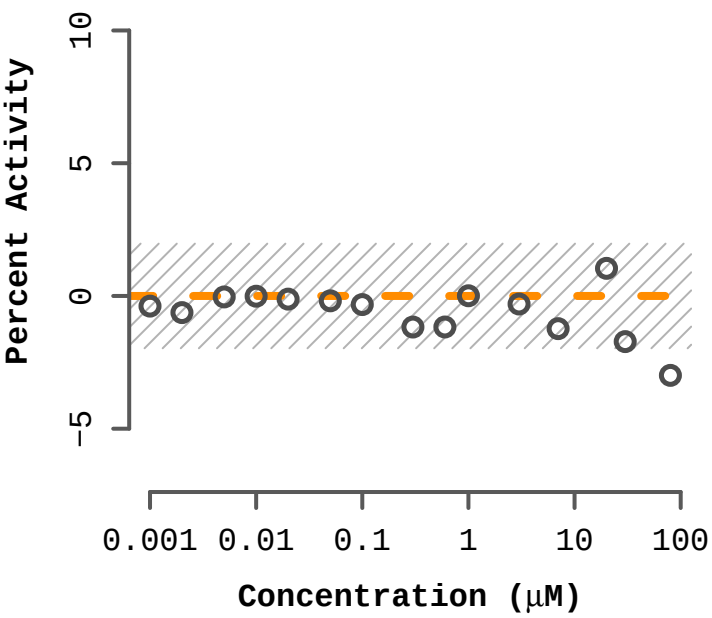
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ibuprofen
CHID: 20732 CASRN: 15687-27-1
SPID(S): Tox21_201384
M4ID: 11454428

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	64.44	NA	NA	
PROB:	1	NA	NA	
RMSE:	2.33	NA	NA	
MAX_MEAN:	0.552	MAX_MED:	0.552	
			BMAD:	0.657



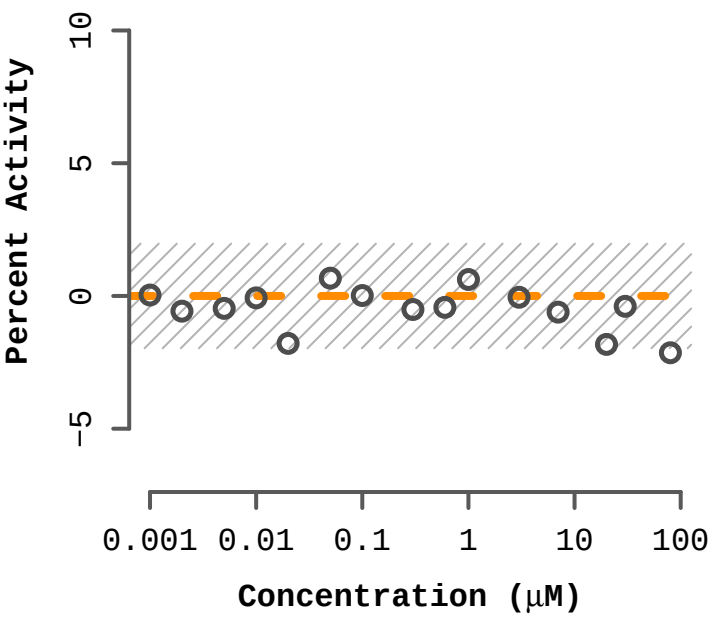
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Indole
CHID: 20737 CASRN: 120-72-9
SPID(S): Tox21_201677
M4ID: 11454135

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.89	NA	NA
PROB:	1	NA	NA
RMSE:	1.1	NA	NA
MAX_MEAN:	1.04	MAX_MED: 1.04	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Indole-3-acetic acid

CHID: 20738 CASRN: 87-51-4

SPID(S): Tox21_202284

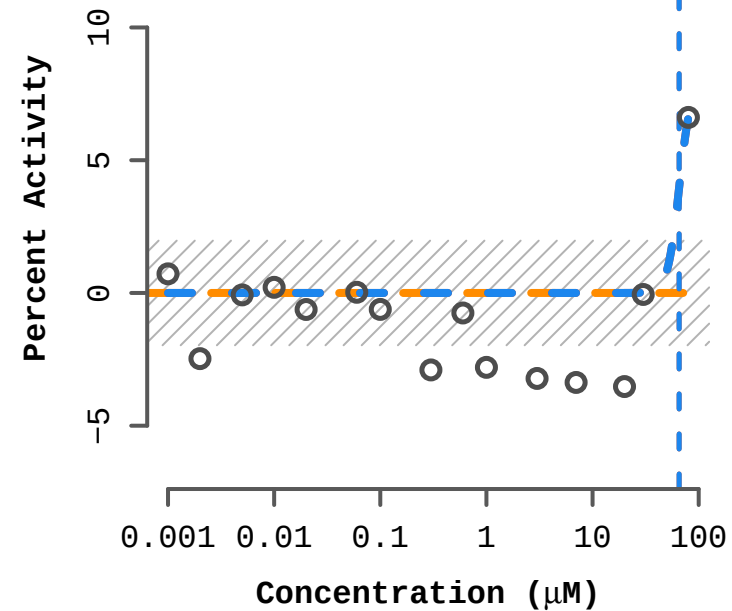
M4ID: 11453528

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.09	NA	NA
PROB:	1	NA	NA
RMSE:	0.95	NA	NA

MAX_MEAN: 0.671 MAX_MED: 0.671 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Indomethacin

CHID: 20740 CASRN: 53-86-1

SPID(S): Tox21_201791

M4ID: 11454021

HILL MODEL (in red):

	tp	ga	gw
val:	7.93	1.82	8
sd:	798	31.9	76.5

GAIN-LOSS MODEL (in blue):

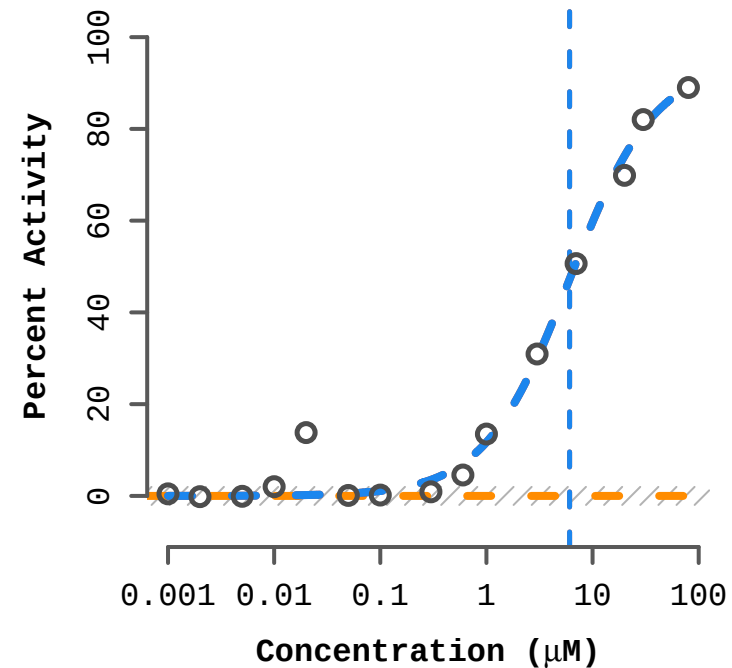
	tp	ga	gw	la	lw
val:	7.94	1.82	7.99	3.85	2.65
sd:	141	5.62	31.7	1930	2630

	CNST	HILL	GNLS
AIC:	73.16	71.81	75.81
PROB:	0.31	0.61	0.08
RMSE:	2.61	1.97	1.97

MAX_MEAN: 6.61

MAX_MED: 6.61

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Iodoform

CHID: 20743 CASRN: 75-47-8

SPID(S): Tox21_202389

M4ID: 11453423

HILL MODEL (in red):

	tp	ga	gw
val:	94.5	0.784	1.08
sd:	2.65	0.038	0.0846

GAIN-LOSS MODEL (in blue):

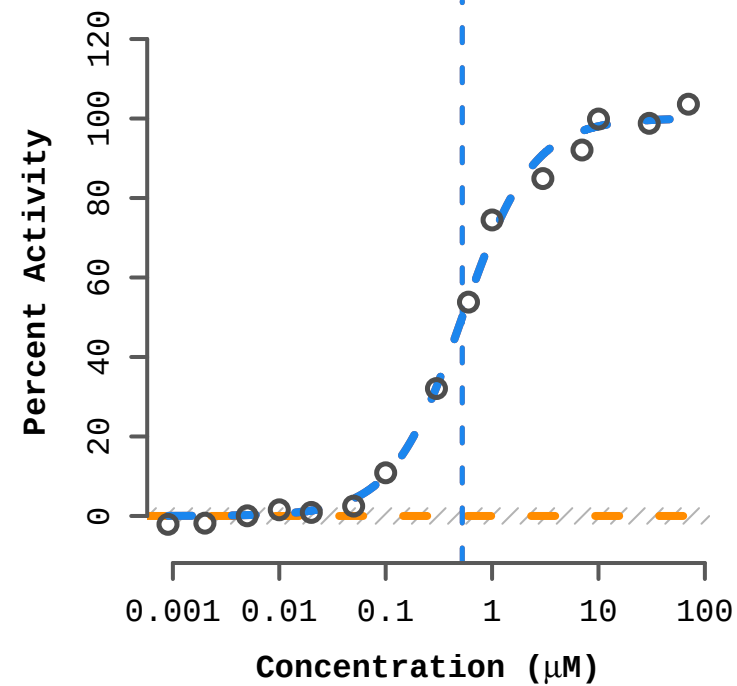
	tp	ga	gw	la	lw
val:	94.5	0.784	1.08	2.64	10.2
sd:	2.65	0.038	0.0846	1710	23400

	CNST	HILL	GNLS
AIC:	152.99	81.4	85.4
PROB:	0	0.88	0.12
RMSE:	39.55	3.9	3.9

MAX_MEAN: 89

MAX_MED: 89

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isobutyl nitrite

CHID: 20750 CASRN: 542-56-3

SPID(S): Tox21_202411

M4ID: 11453401

HILL MODEL (in red):

	tp	ga	gw
val:	100	-0.28	1.32
sd:	1.72	0.027	0.119

GAIN-LOSS MODEL (in blue):

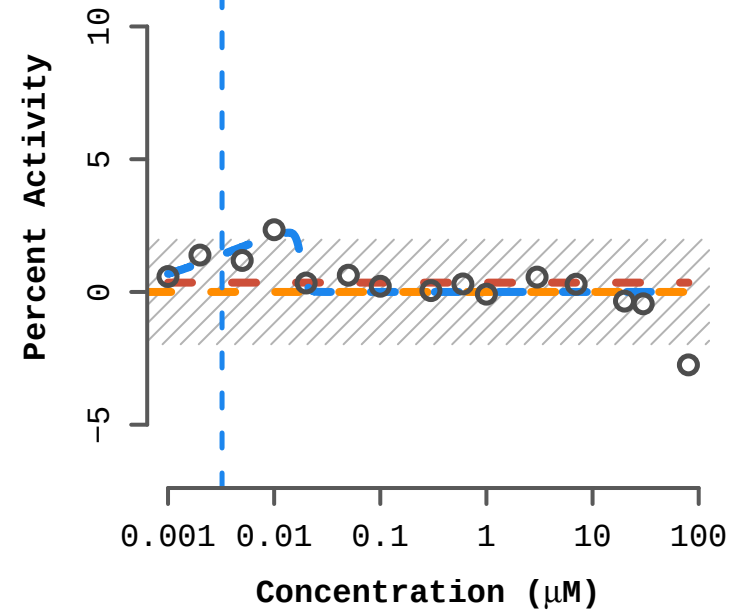
	tp	ga	gw	la	lw
val:	100	-0.28	1.32	2.92	7.81
sd:	1.72	0.027	0.119	356	2590

	CNST	HILL	GNLS
AIC:	169.11	80.6	84.6
PROB:	0	0.88	0.12
RMSE:	60.97	2.71	2.71

MAX_MEAN: 104

MAX_MED: 104

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isoniazid

CHID: 20755 CASRN: 54-85-3

SPID(S): Tox21_201367

M4ID: 11454445

HILL MODEL (in red):

	tp	ga	gw
val:	0.352	-5	3.19
sd:	0.192	1040	1590

GAIN-LOSS MODEL (in blue):

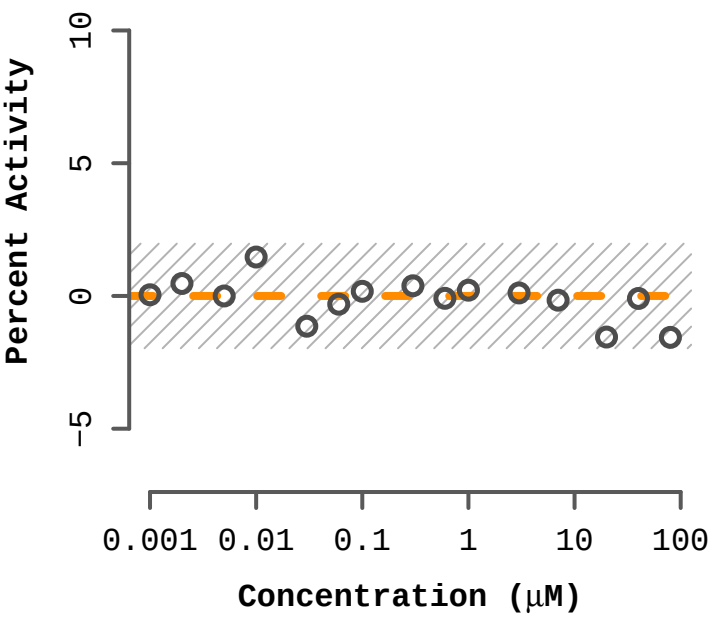
	tp	ga	gw	la	lw
val:	2.81	-2.49	0.97	-1.75	16.9
sd:	1.93	0.745	0.732	0.131	47.9

	CNST	HILL	GNLS
AIC:	45.48	48.46	37.89
PROB:	0.02	0	0.97
RMSE:	1.1	1.06	0.78

MAX_MEAN: 2.34

MAX_MED: 2.34

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isophorone

CHID: 20759 **CASRN:** 78-59-1

SPID(S): Tox21_202312

M4ID: 11453500

HILL MODEL: Not applicable.

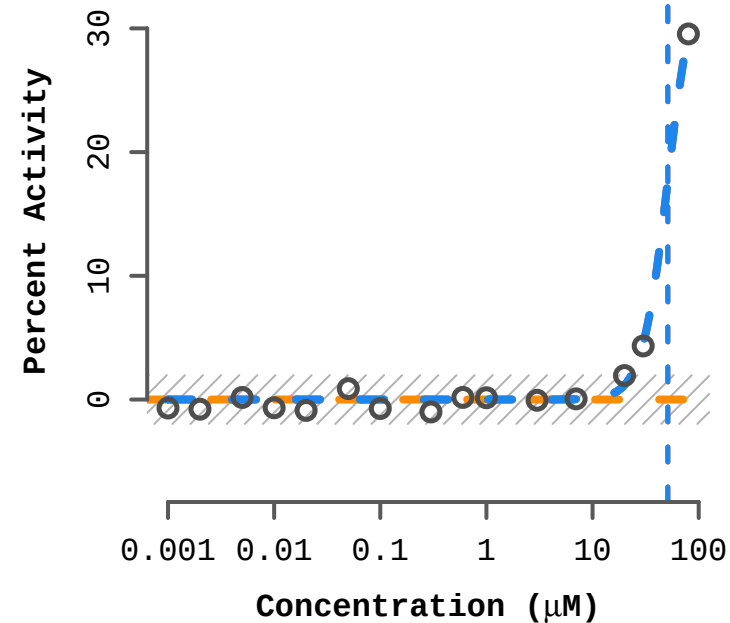
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.54	NA	NA
PROB:	1	NA	NA
RMSE:	0.77	NA	NA

MAX_MEAN: 1.47

MAX_MED: 1.47

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ifosfamide

CHID: 20760 CASRN: 3778-73-2

SPID(S): Tox21_201815

M4ID: 11453997

HILL MODEL (in red):

	tp	ga	gw
val:	35.5	1.71	3.59
sd:	1.7	0.0233	0.294

GAIN-LOSS MODEL (in blue):

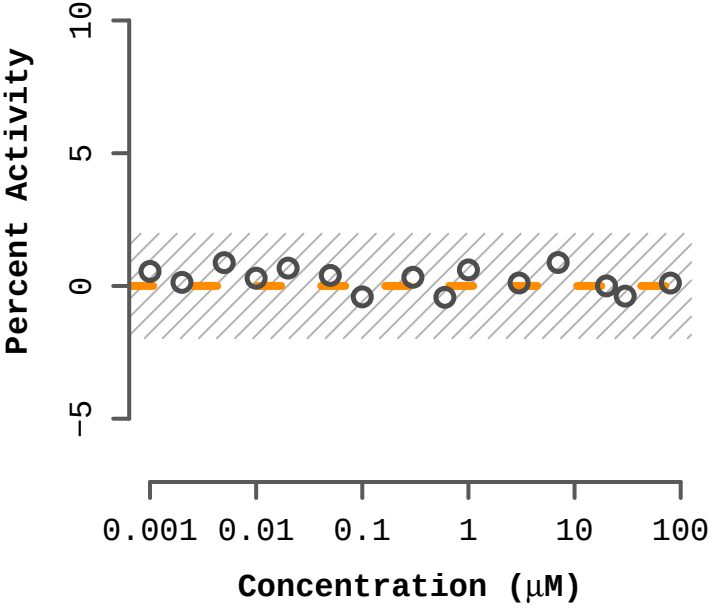
	tp	ga	gw	la	lw
val:	35.5	1.71	3.59	3.9	4.25
sd:	1.7	0.0233	0.294	2280	4850

	CNST	HILL	GNLS
AIC:	75.59	36.93	40.93
PROB:	0	0.88	0.12
RMSE:	7.75	0.59	0.59

MAX_MEAN: 29.6

MAX_MED: 29.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorpropham

CHID: 20764 **CASRN:** 101-21-3

SPID(S): Tox21_201866

M4ID: 11453946

HILL MODEL: Not applicable.

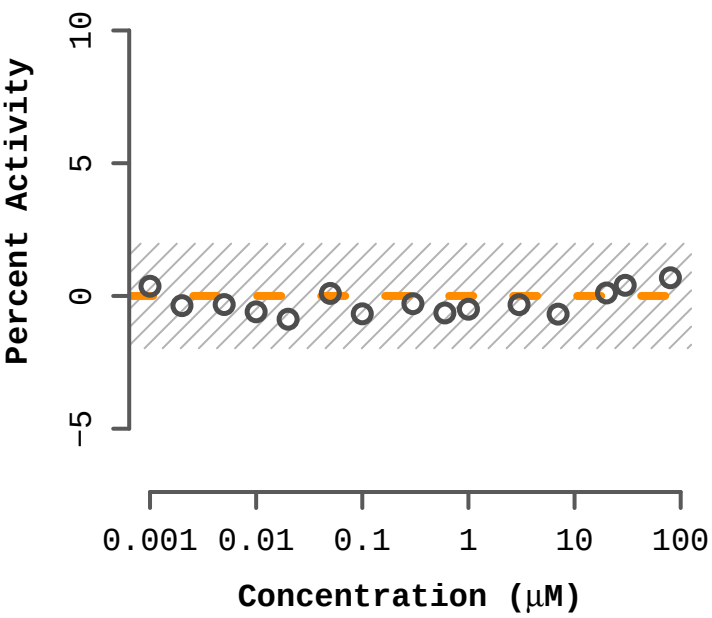
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.93	NA	NA
PROB:	1	NA	NA
RMSE:	0.49	NA	NA

MAX_MEAN: 0.884

MAX_MED: 0.884

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Protham

CHID: 20766 **CASRN:** 122-42-9

SPID(S): Tox21_201664

M4ID: 11454148

HILL MODEL: Not applicable.

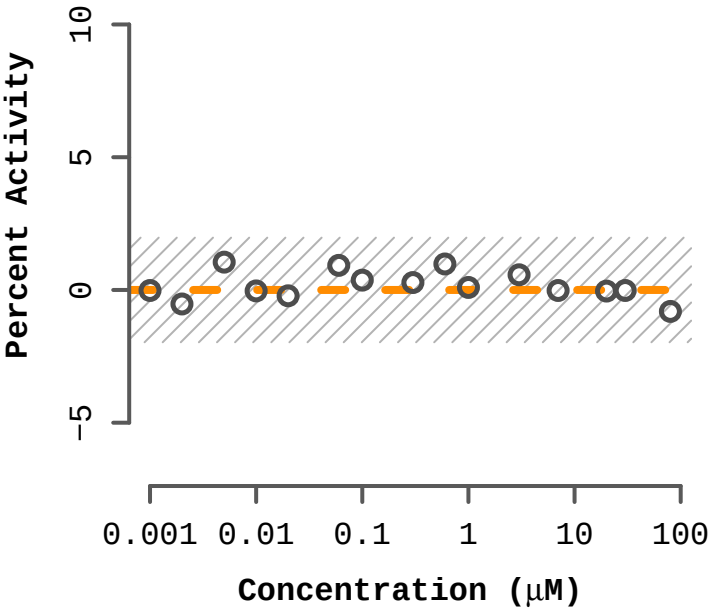
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	26.99	NA	NA
PROB:	1	NA	NA
RMSE:	0.51	NA	NA

MAX_MEAN: 0.687

MAX_MED: 0.687

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isosafrole

CHID: 20767 **CASRN:** 120-58-1

SPID(S): Tox21_201783

M4ID: 11454029

HILL MODEL: Not applicable.

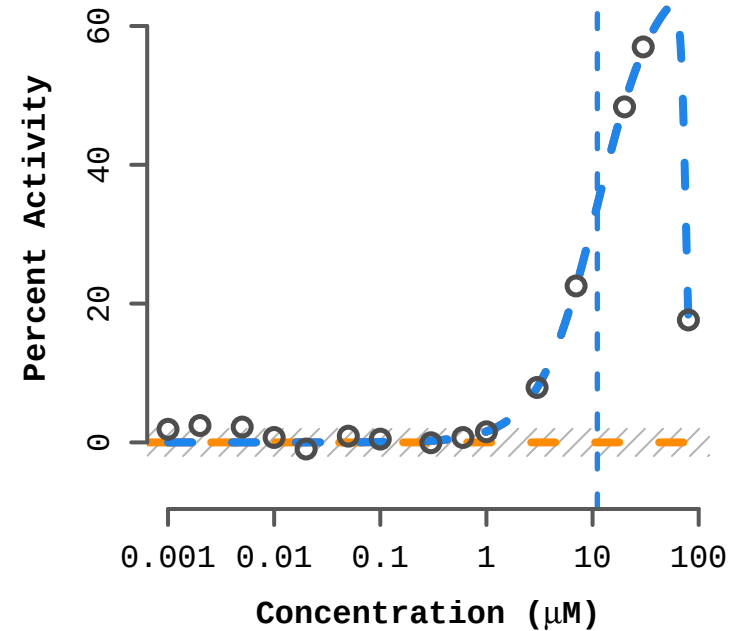
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	27.02	NA	NA
PROB:	1	NA	NA
RMSE:	0.55	NA	NA

MAX_MEAN: 1.05

MAX_MED: 1.05

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Kepone

CHID: 20770 CASRN: 143-50-0

SPID(S): Tox21_201592

M4ID: 11454220

HILL MODEL (in red):

	tp	ga	gw
val:	68.4	1.05	1.56
sd:	4.4	0.0502	0.135

GAIN-LOSS MODEL (in blue):

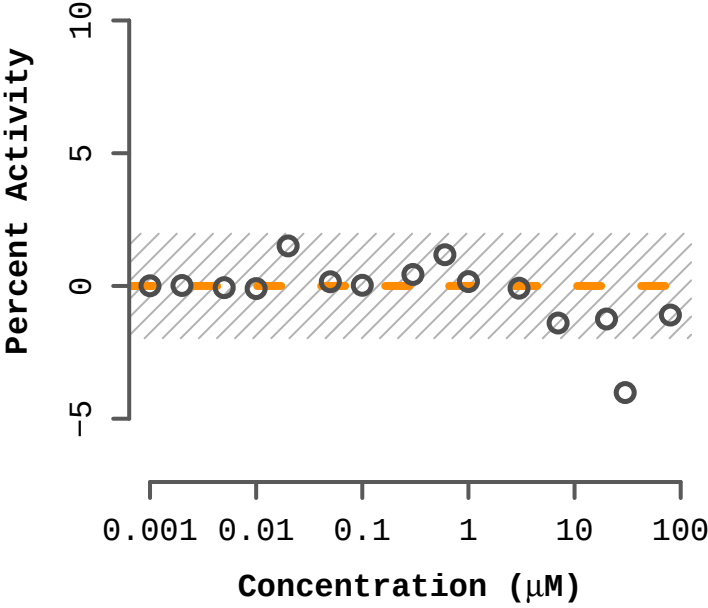
	tp	ga	gw	la	lw
val:	68.4	1.04	1.56	1.88	17.9
sd:	2.95	0.0335	0.0899	0.00458	1.25

	CNST	HILL	GNLS
AIC:	129.11	84.34	55.87
PROB:	0	0	1
RMSE:	20.8	12.37	1.08

MAX_MEAN: 57

MAX_MED: 57

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Lithocholic acid

CHID: 20779 CASRN: 434-13-9

SPID(S): Tox21_201868

M4ID: 11453944

HILL MODEL: Not applicable.

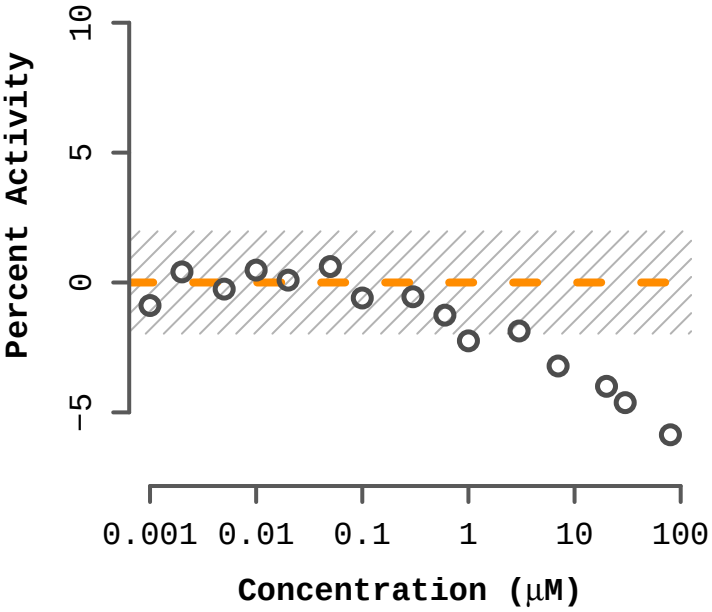
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.61	NA	NA
PROB:	1	NA	NA
RMSE:	1.28	NA	NA

MAX_MEAN: 1.51

MAX_MED: 1.51

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

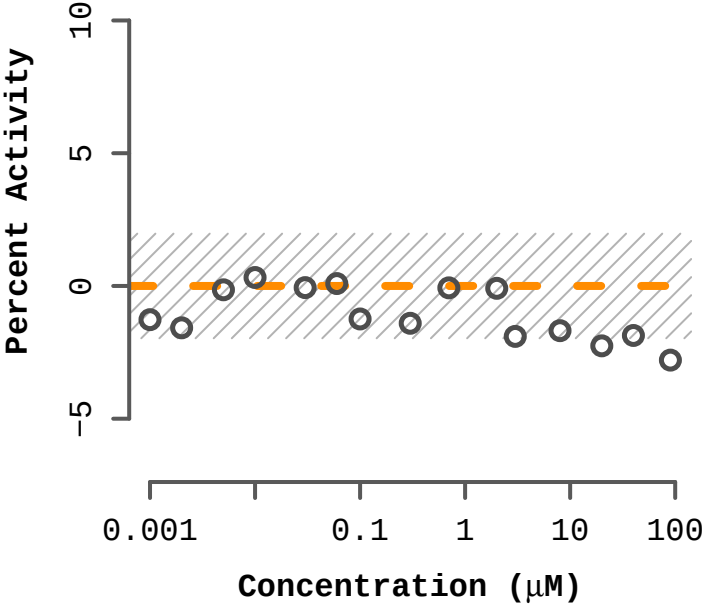
NAME: Lonidamine
CHID: 20782 CASRN: 50264-69-2
SPID(S): Tox21_202306
M4ID: 11453506

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	71.6	NA	NA
PROB:	1	NA	NA
RMSE:	2.51	NA	NA

MAX_MEAN: 0.615	MAX_MED: 0.615	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Lovastatin

CHID: 20784 CASRN: 75330-75-5

SPID(S): Tox21_201475

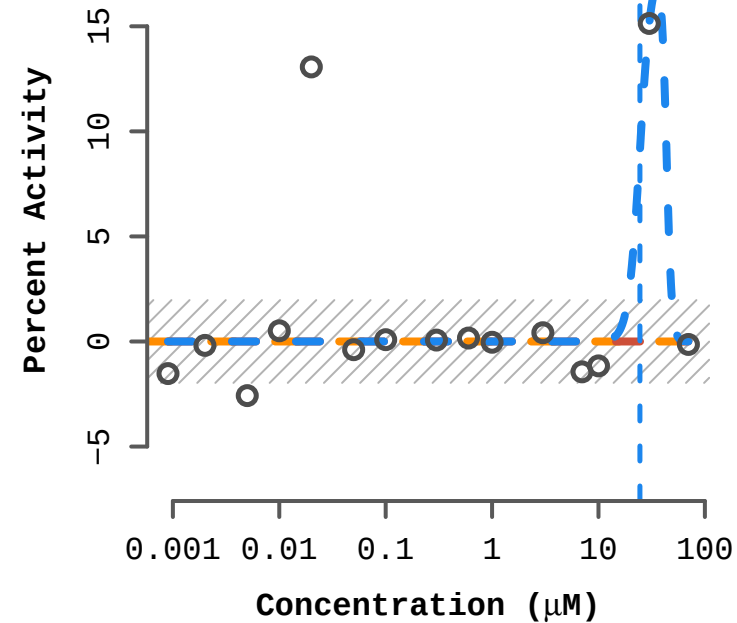
M4ID: 11454337

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	56.91	NA	NA
PROB:	1	NA	NA
RMSE:	1.43	NA	NA

MAX_MEAN: 0.32	MAX_MED: 0.32	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Malaoxon

CHID: 20790 CASRN: 1634-78-2

SPID(S): Tox21_202017

M4ID: 11453795

HILL MODEL (in red):

	tp	ga	gw
val:	8.34e-07	2.2	2.99
sd:	0.0243	5800	81500

GAIN-LOSS MODEL (in blue):

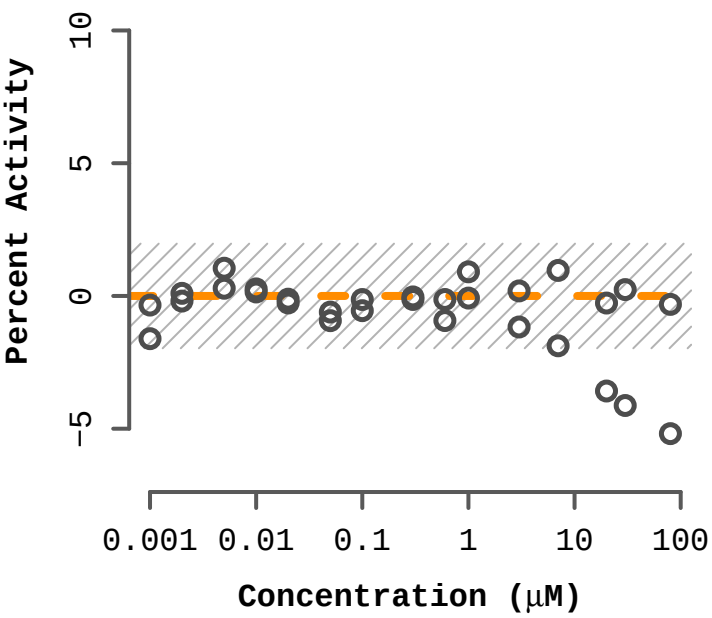
	tp	ga	gw	la	lw
val:	18.2	1.39	8	1.64	17.9
sd:	8.63	0.0838	8.61	0.784	75.2

	CNST	HILL	GNLS
AIC:	80.95	86.95	71.73
PROB:	0.01	0	0.99
RMSE:	5.25	5.25	3.5

MAX_MEAN: 15.1

MAX_MED: 15.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Malathion

CHID: 20791 **CASRN:** 121-75-5

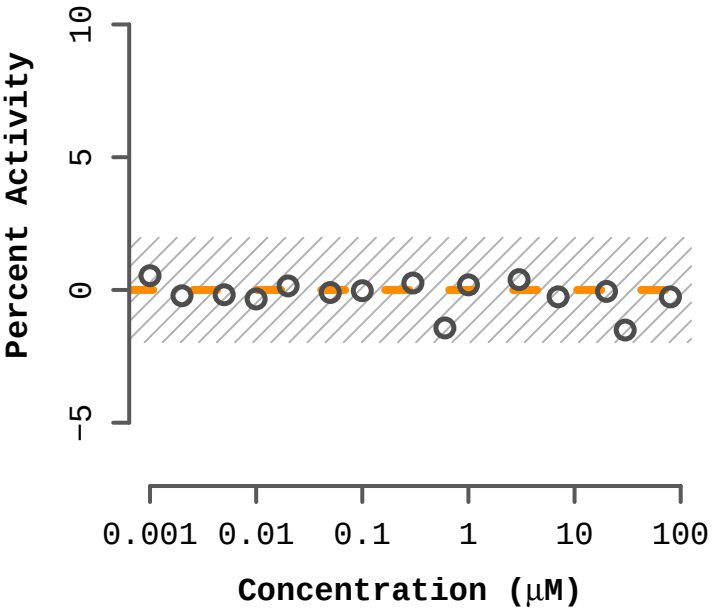
SPID(S): Tox21_400048

M4ID: 11453300

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	99.04	NA	NA
PROB:	1	NA	NA
RMSE:	1.53	NA	NA
MAX_MEAN: 0.669		MAX_MED: 0.669	BMAD: 0.657



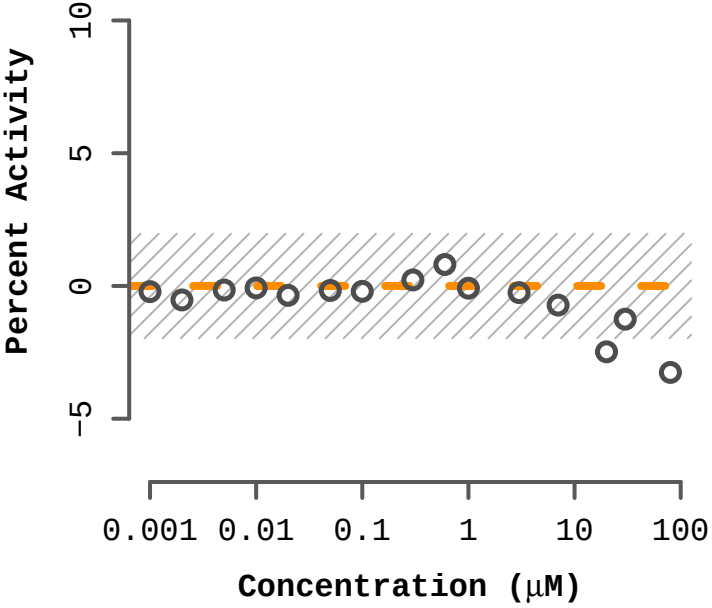
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Maleic hydrazide
CHID: 20792 CASRN: 123-33-1
SPID(S): Tox21_201829
M4ID: 11453983

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.95	NA	NA
PROB:	1	NA	NA
RMSE:	0.59	NA	NA
MAX_MEAN:	0.538	MAX_MED: 0.538	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Meloxicam

CHID: 20803 **CASRN:** 71125-38-7

SPID(S): Tox21_201689

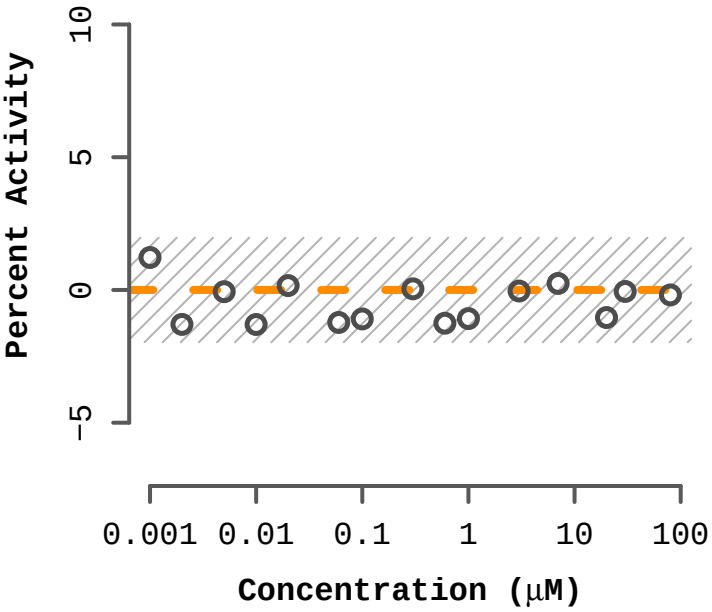
M4ID: 11454123

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.22	NA	NA
PROB:	1	NA	NA
RMSE:	1.16	NA	NA

MAX_MEAN:	0.81	MAX_MED:	0.81	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: dl-Menthol

CHID: 20805 CASRN: 89-78-1

SPID(S): Tox21_201823

M4ID: 11453989

HILL MODEL: Not applicable.

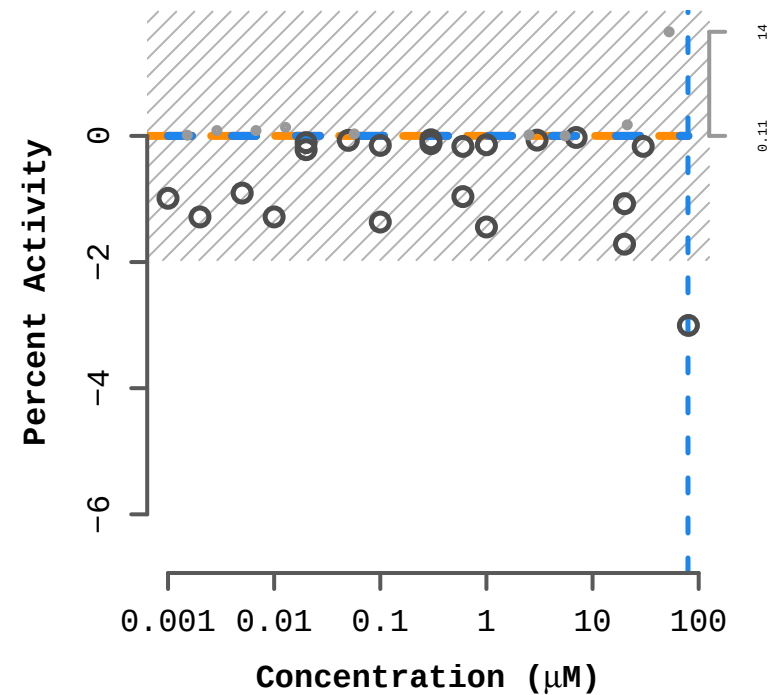
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.54	NA	NA
PROB:	1	NA	NA
RMSE:	0.87	NA	NA

MAX_MEAN: 1.22

MAX_MED: 1.22

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Mercaptobenzothiazole

CHID: 20807 CASRN: 149-30-4

SPID(S): Tox21_400016

M4ID: 11453332 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	6.31e-05	2.39	7.28
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

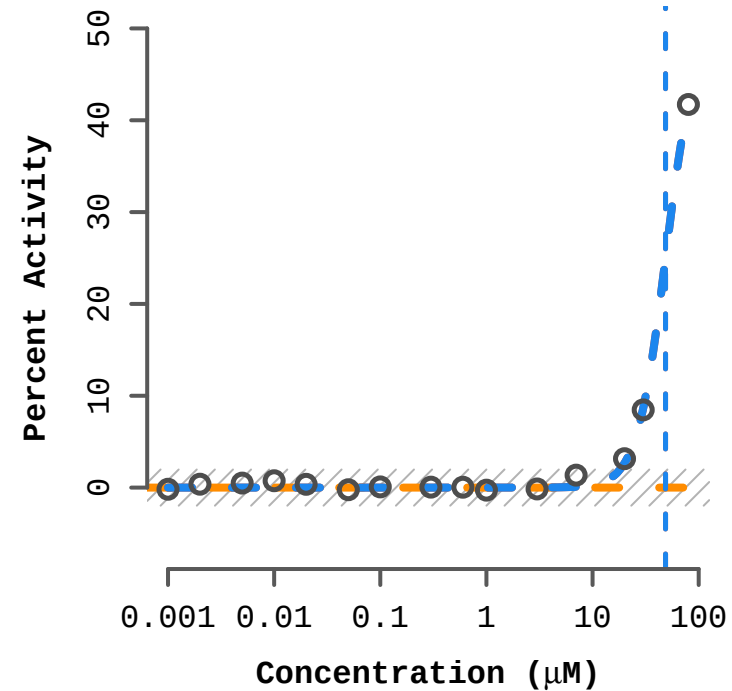
	tp	ga	gw	la	lw
val:	1.88e-09	1.9	2.87	2.38	1.91
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	106.24	112.24	116.24
PROB:	0.95	0.05	0.01
RMSE:	2.71	2.71	2.71

MAX_MEAN: 5.4

MAX_MED: 5.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Mercuric chloride

CHID: 20811 CASRN: 7487-94-7

SPID(S): Tox21_202259

M4ID: 11453553

HILL MODEL (in red):

	tp	ga	gw
val:	50.1	1.69	3.23
sd:	0.536	0.00714	0.0702

GAIN-LOSS MODEL (in blue):

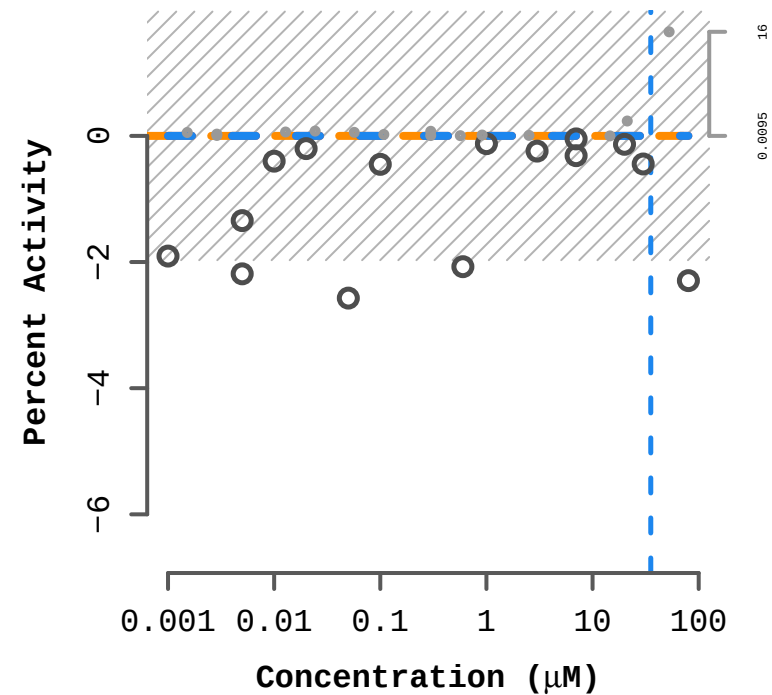
	tp	ga	gw	la	lw
val:	50.1	1.69	3.23	3.74	9.97
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	85.92	25.52	29.52
PROB:	0	0.88	0.12
RMSE:	11.03	0.46	0.46

MAX_MEAN: 41.7

MAX_MED: 41.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methidathion

CHID: 20819 CASRN: 950-37-8

SPID(S): Tox21_400049

M4ID: 11453299 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	4.93e-09	2.39	2.05
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

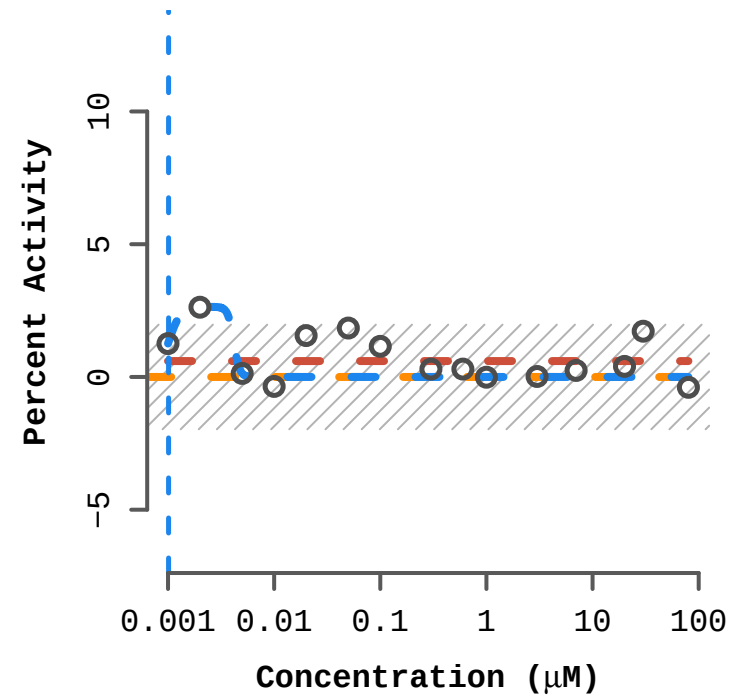
	tp	ga	gw	la	lw
val:	1.76e-09	1.55	3.58	2.53	11.5
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	110.16	116.16	120.16
PROB:	0.95	0.05	0.01
RMSE:	3.04	3.04	3.04

MAX_MEAN: 6.65

MAX_MED: 6.65

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methimazole

CHID: 20820 CASRN: 60-56-0

SPID(S): Tox21_201341

M4ID: 11454471

HILL MODEL (in red):

	tp	ga	gw
val:	0.599	-4.88	3.8
sd:	0.246	1380	2760

GAIN-LOSS MODEL (in blue):

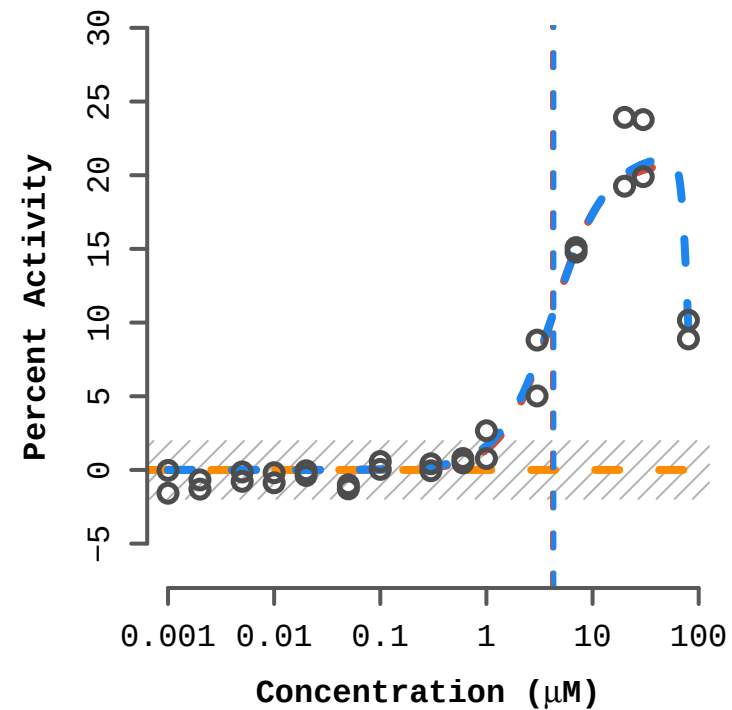
	tp	ga	gw	la	lw
val:	2.64	-2.99	7.71	-2.38	15.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	48.37	48.25	48.22
PROB:	0.32	0.34	0.34
RMSE:	1.13	0.89	0.85

MAX_MEAN: 2.63

MAX_MED: 2.63

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methoxychlor

CHID: 20827 CASRN: 72-43-5

SPID(S): Tox21_400075

M4ID: 11453273

HILL MODEL (in red):

	tp	ga	gw
val:	20.9	0.623	1.84
sd:	1.16	0.0543	0.309

GAIN-LOSS MODEL (in blue):

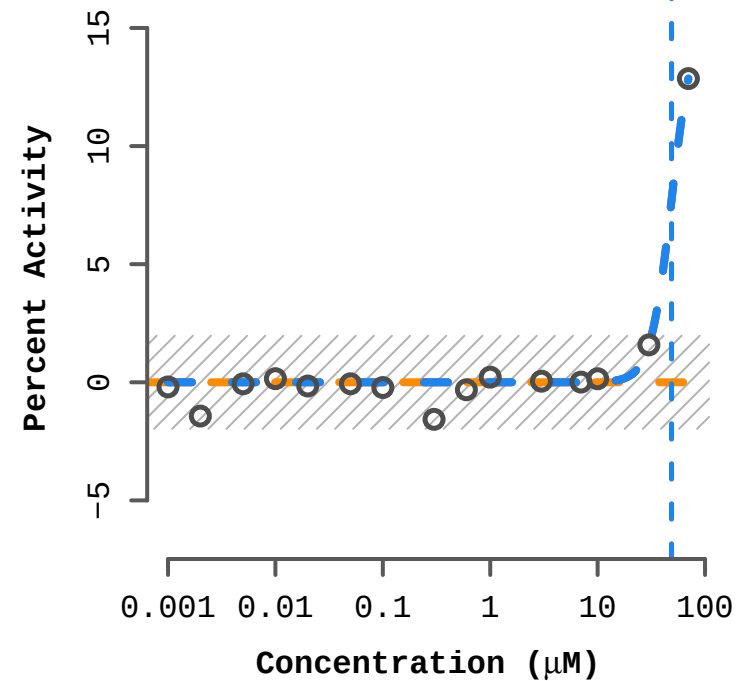
	tp	ga	gw	la	lw
val:	21.5	0.636	1.71	1.9	14
sd:	1.41	0.0573	0.231	0.00544	11

	CNST	HILL	GNLS
AIC:	215.02	135.68	104.71
PROB:	0	0	1
RMSE:	9.41	3.18	1.23

MAX_MEAN: 21.8

MAX_MED: 21.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methoxyphenol

CHID: 20828 CASRN: 150-76-5

SPID(S): Tox21_202367

M4ID: 11453445

HILL MODEL (in red):

	tp	ga	gw
val:	15.4	1.69	4.45
sd:	0.646	0.0173	0.347

GAIN-LOSS MODEL (in blue):

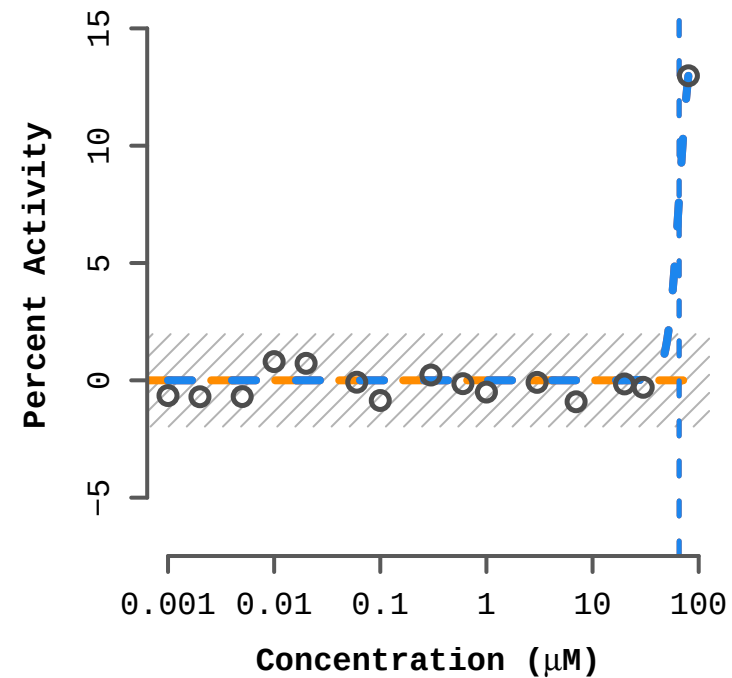
	tp	ga	gw	la	lw
val:	15.4	1.69	4.45	3.45	4.7
sd:	0.646	0.0173	0.347	3000	8800

	CNST	HILL	GNLS
AIC:	55.36	24.38	28.38
PROB:	0	0.88	0.12
RMSE:	3.39	0.57	0.57

MAX_MEAN: 12.9

MAX_MED: 12.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 8-Methoxypsoralen

CHID: 20830 CASRN: 298-81-7

SPID(S): Tox21_201767

M4ID: 11454045

HILL MODEL (in red):

	tp	ga	gw
val:	15.6	1.82	8
sd:	4.22	0.026	6.78

GAIN-LOSS MODEL (in blue):

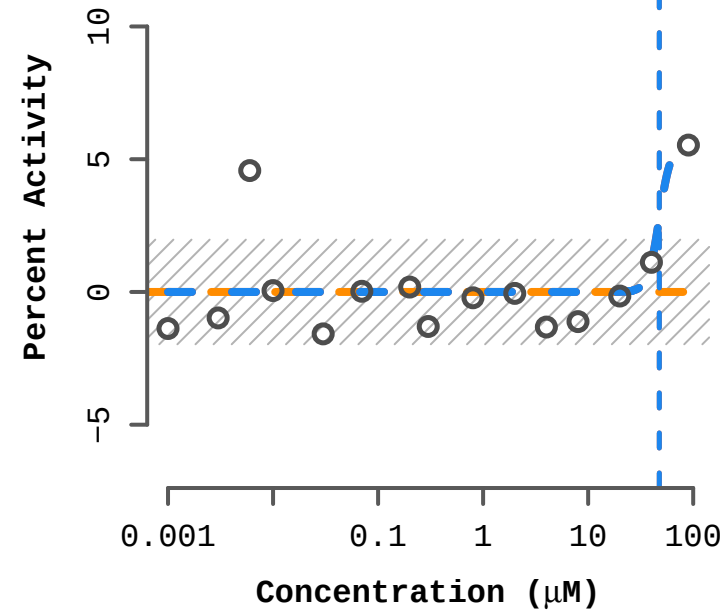
	tp	ga	gw	la	lw
val:	15.6	1.82	8	3.9	3.28
sd:	4.22	0.026	6.78	1340	2190

	CNST	HILL	GNLS
AIC:	53.21	34.84	38.84
PROB:	0	0.88	0.12
RMSE:	3.4	0.55	0.55

MAX_MEAN: 13

MAX_MED: 13

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3'-Methyl-4-dimethylaminoazobenzene

CHID: 20838 CASRN: 55-80-1

SPID(S): Tox21_201755

M4ID: 11454057

HILL MODEL (in red):

	tp	ga	gw
val:	5.57	1.68	8
sd:	1.19	0.318	32.3

GAIN-LOSS MODEL (in blue):

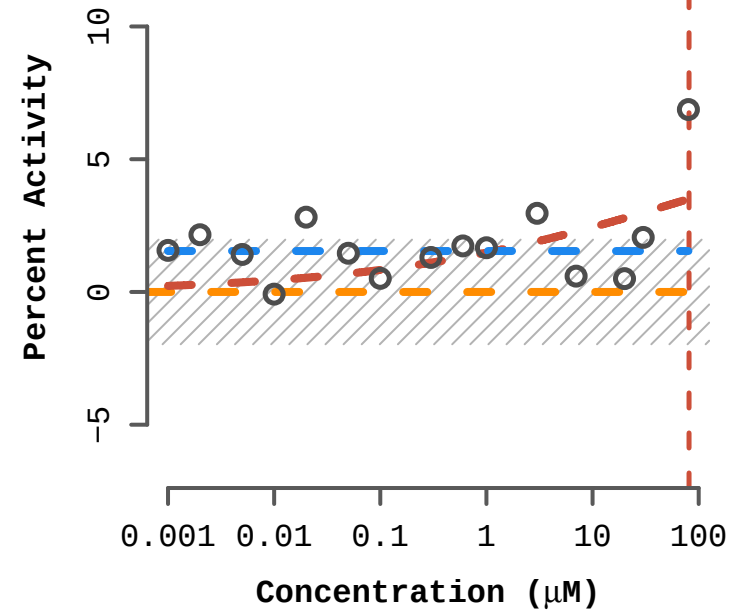
	tp	ga	gw	la	lw
val:	5.57	1.68	8	3.38	9.64
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	62.38	56.78	60.78
PROB:	0.05	0.84	0.11
RMSE:	2.05	1.44	1.44

MAX_MEAN: 5.53

MAX_MED: 5.53

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl hesperidin

CHID: 20841 CASRN: 11013-97-1

SPID(S): Tox21_202328

M4ID: 11453484

HILL MODEL (in red):

	tp	ga	gw
val:	7.01	1.91	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

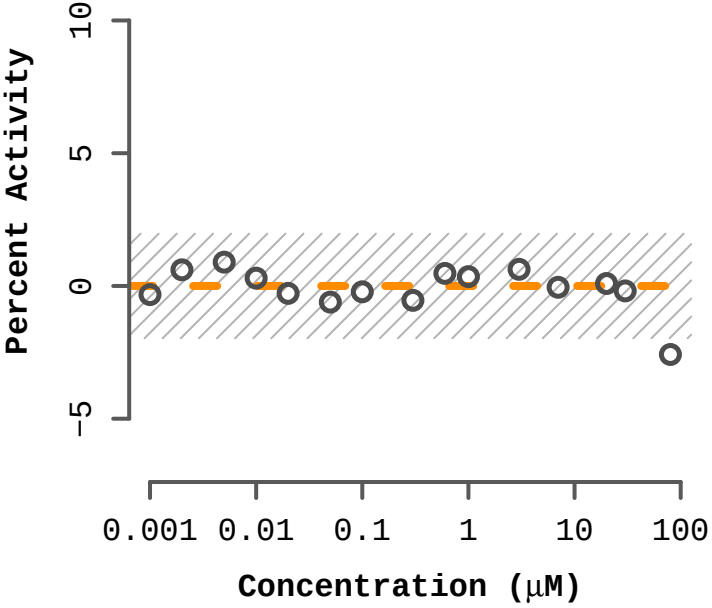
	tp	ga	gw	la	lw
val:	1.54	-5	3.06	2.41	16.7
sd:	0.27	975	1350	808	26400

	CNST	HILL	GNLS
AIC:	69.96	63.95	62.31
PROB:	0.01	0.3	0.68
RMSE:	2.42	1.51	1.6

MAX_MEAN: 6.87

MAX_MED: 6.87

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl linoleate

CHID: 20843 **CASRN:** 112-63-0

SPID(S): Tox21_201403

M4ID: 11454409

HILL MODEL: Not applicable.

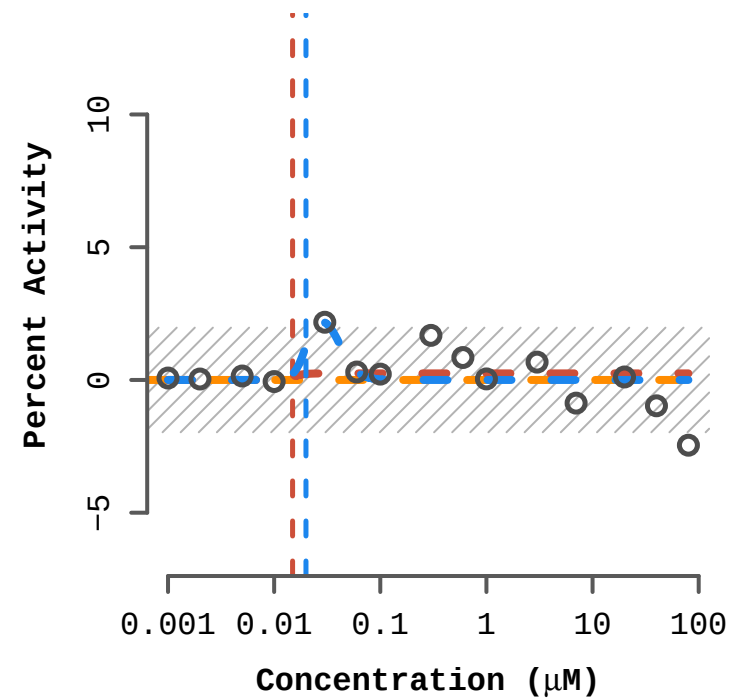
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.21	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA

MAX_MEAN: 0.898

MAX_MED: 0.898

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl methanesulfonate

CHID: 20845 CASRN: 66-27-3

SPID(S): Tox21_202094

M4ID: 11453718

HILL MODEL (in red):

	tp	ga	gw
val:	0.247	-1.83	8
sd:	0.279	1	32.9

GAIN-LOSS MODEL (in blue):

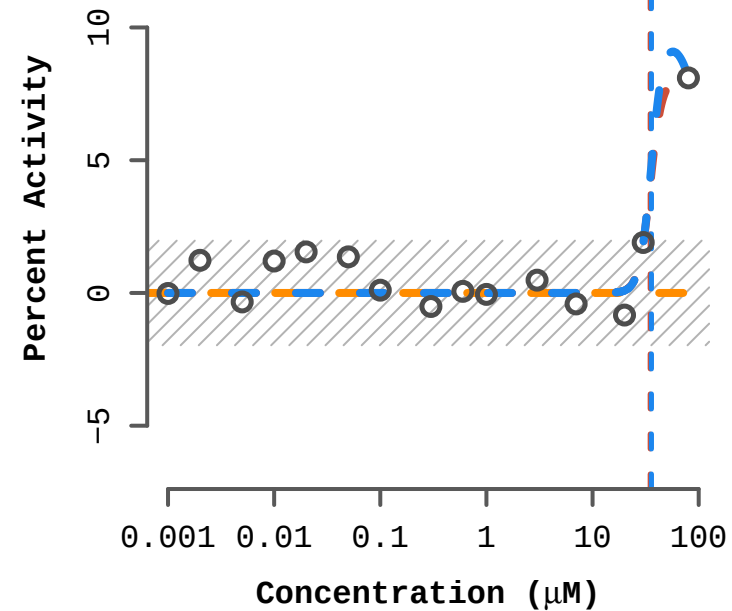
	tp	ga	gw	la	lw
val:	2.61	-1.7	8	-1.38	5.43
sd:	5.39	0.729	23.5	0.679	19.9

	CNST	HILL	GNLS
AIC:	44.95	50.21	48.05
PROB:	0.78	0.06	0.17
RMSE:	1.05	1.05	0.89

MAX_MEAN: 2.17

MAX_MED: 2.17

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl parathion

CHID: 20855 CASRN: 298-00-0

SPID(S): Tox21_202303

M4ID: 11453509

HILL MODEL (in red):

	tp	ga	gw
val:	8.11	1.54	8
sd:	0.549	0.043	4.48

GAIN-LOSS MODEL (in blue):

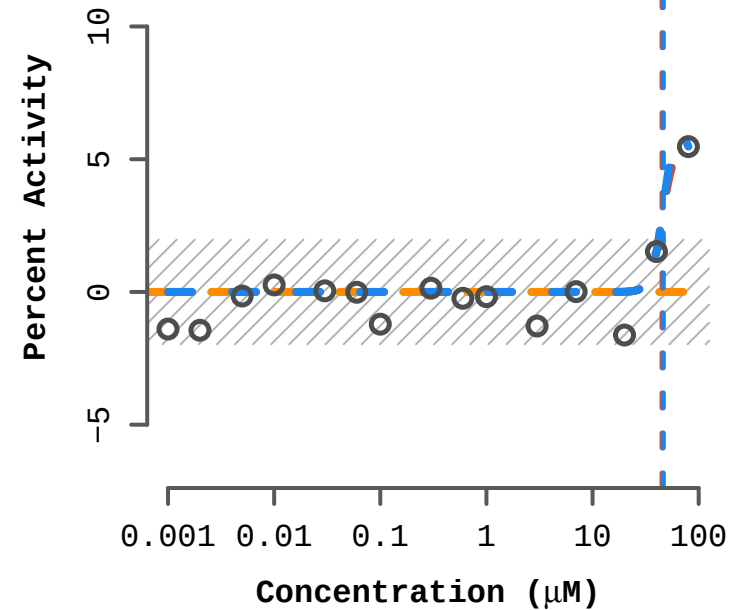
	tp	ga	gw	la	lw
val:	9.72	1.55	8	2.06	4.47
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	58.1	43.12	47.1
PROB:	0	0.88	0.12
RMSE:	2.28	0.77	0.77

MAX_MEAN: 8.1

MAX_MED: 8.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Methyl-2-pyrrolidone

CHID: 20856 CASRN: 872-50-4

SPID(S): Tox21_202350

M4ID: 11453462

HILL MODEL (in red):

	tp	ga	gw
val:	5.53	1.65	8
sd:	0.63	0.0634	8.24

GAIN-LOSS MODEL (in blue):

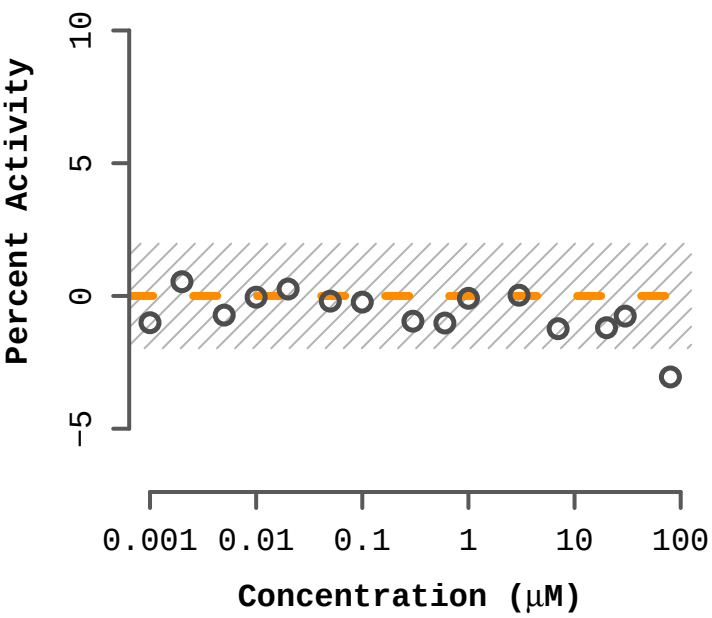
	tp	ga	gw	la	lw
val:	6.55	1.67	8	2.03	5.83
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	54.54	44.09	48.09
PROB:	0	0.88	0.12
RMSE:	1.68	0.82	0.82

MAX_MEAN: 5.48

MAX_MED: 5.48

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyldopa sesquihydrate

CHID: 20863 CASRN: 41372-08-1

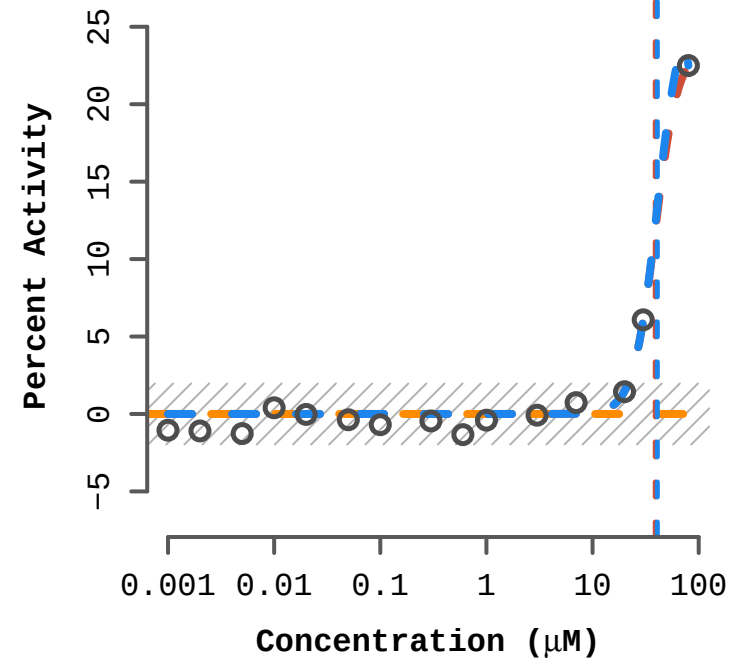
SPID(S): Tox21_202031

M4ID: 11453781

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.59	NA	NA
PROB:	1	NA	NA
RMSE:	1.06	NA	NA
MAX_MEAN:	0.538	MAX_MED: 0.538	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Methylenebis(2-methylaniline)

CHID: 20867 CASRN: 838-88-0

SPID(S): Tox21_202372

M4ID: 11453440

HILL MODEL (in red):

	tp	ga	gw
val:	23.7	1.59	4.07
sd:	0.812	0.0212	0.5

GAIN-LOSS MODEL (in blue):

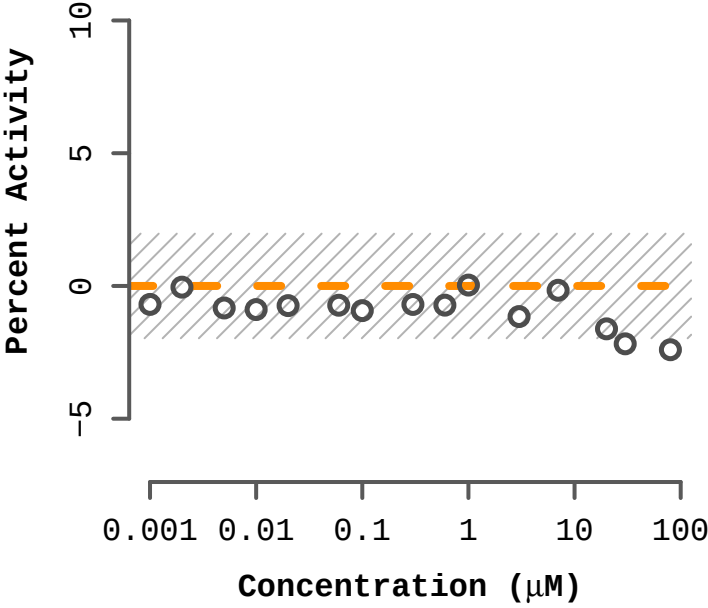
	tp	ga	gw	la	lw
val:	26.7	1.61	3.99	1.97	14.3
sd:	4.68	0.0221	0.621	0.0102	12.4

	CNST	HILL	GNLS
AIC:	76.62	40.81	44.8
PROB:	0	0.88	0.12
RMSE:	6.07	0.7	0.7

MAX_MEAN: 22.5

MAX_MED: 22.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Methylenebis(N,N-dimethylaniline)

CHID: 20869 CASRN: 101-61-1

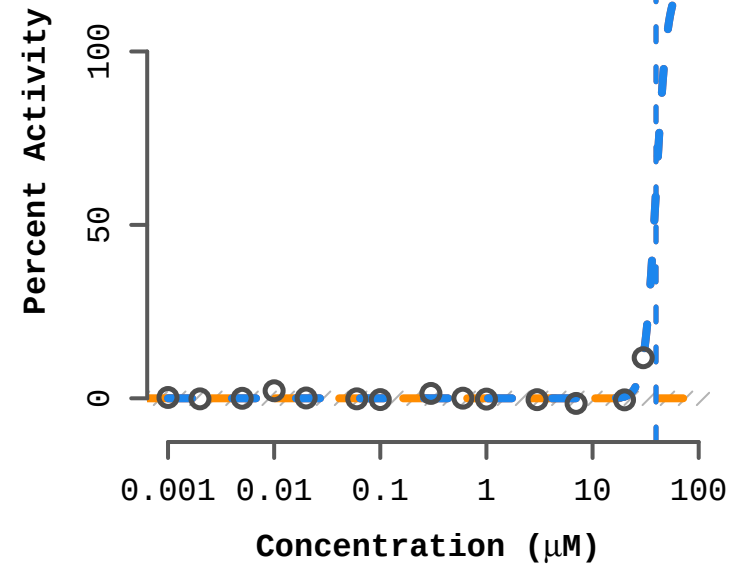
SPID(S): Tox21_201389

M4ID: 11454423

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.4	NA	NA
PROB:	1	NA	NA
RMSE:	1.14	NA	NA
MAX_MEAN:	0.035	MAX_MED: 0.035	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2'-Methylenebis(4-methyl-6-tert-butylphenol)

CHID: 20870 CASRN: 119-47-1

SPID(S): Tox21_201529

M4ID: 11454283

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.6	8
sd:	0.567	0.00478	0.155

GAIN-LOSS MODEL (in blue):

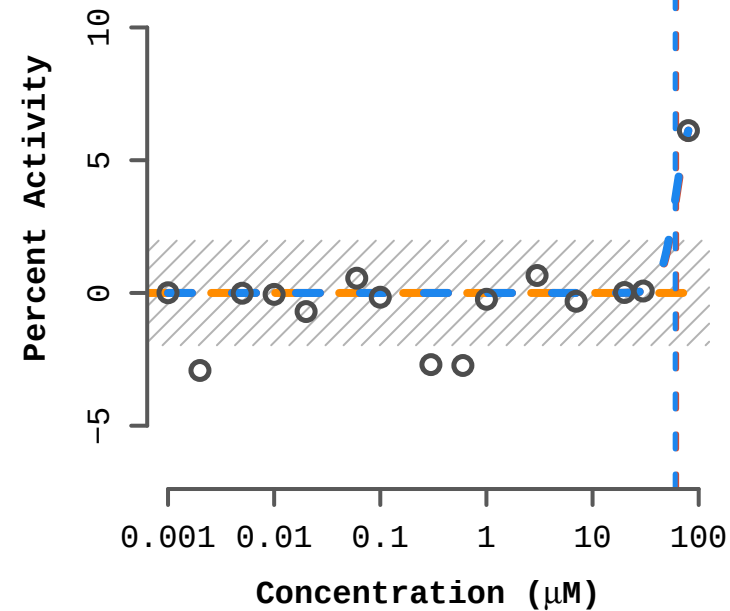
	tp	ga	gw	la	lw
val:	120	1.6	8	3.07	12.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	98.68	41.95	45.95
PROB:	0	0.88	0.12
RMSE:	31.02	0.83	0.83

MAX_MEAN: 120

MAX_MED: 120

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Methylnaphthalene

CHID: 20877 CASRN: 90-12-0

SPID(S): Tox21_201768

M4ID: 11454044

HILL MODEL (in red):

	tp	ga	gw
val:	7.34	1.79	6.3
sd:	62.4	2.75	44.8

GAIN-LOSS MODEL (in blue):

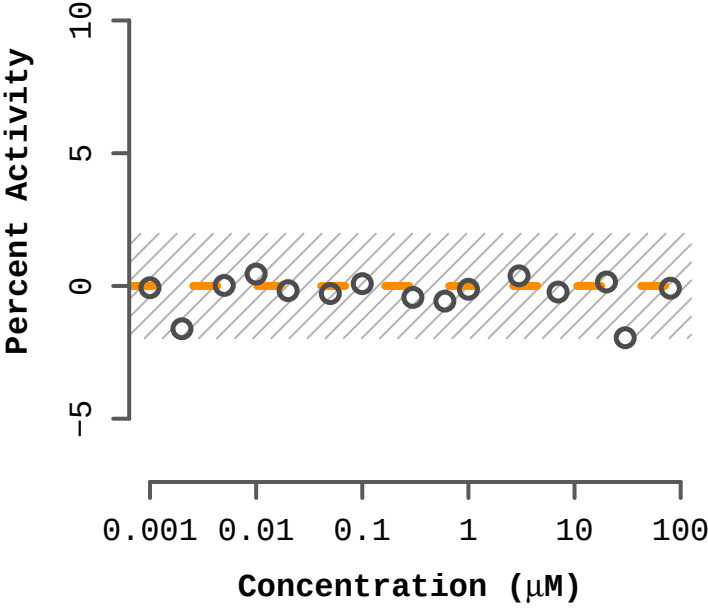
	tp	ga	gw	la	lw
val:	7.06	1.78	6.52	3.76	5.76
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	60.85	54.01	58.01
PROB:	0.03	0.86	0.12
RMSE:	2.03	1.28	1.28

MAX_MEAN: 6.12

MAX_MED: 6.12

BMAD: 0.657



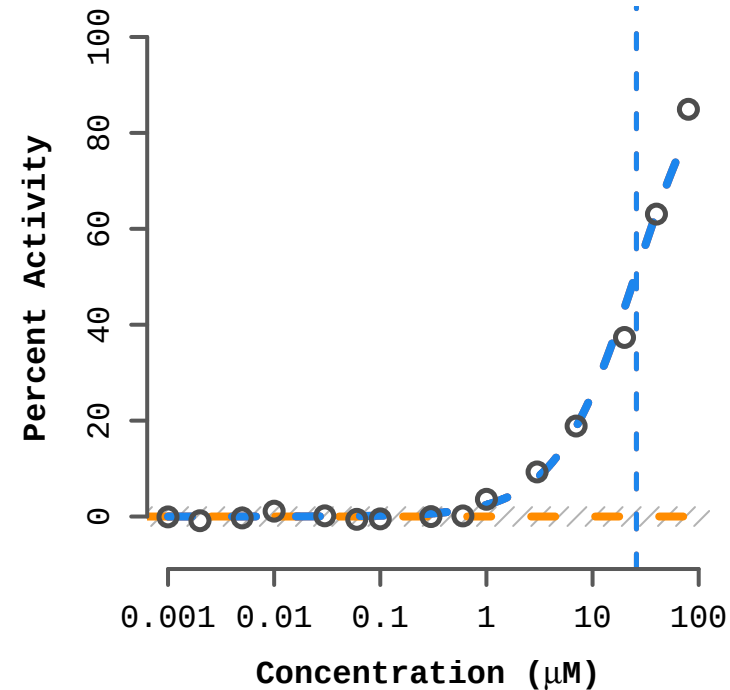
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 6-Methylquinoline
CHID: 20887 CASRN: 91-62-3
SPID(S): Tox21_202379
M4ID: 11453433

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.09	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA
MAX_MEAN:	0.449	MAX_MED: 0.449	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methylstyrene

CHID: 20889 CASRN: 622-97-9

SPID(S): Tox21_202394

M4ID: 11453418

HILL MODEL (in red):

	tp	ga	gw
val:	102	1.41	1.14
sd:	19.2	0.159	0.111

GAIN-LOSS MODEL (in blue):

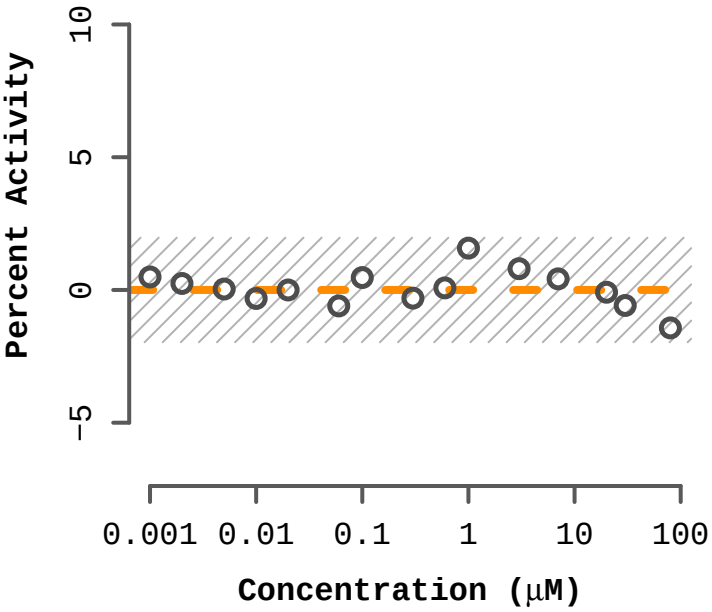
	tp	ga	gw	la	lw
val:	102	1.41	1.14	3.37	9.34
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	138.9	67.77	71.77
PROB:	0	0.88	0.12
RMSE:	29.49	2.19	2.19

MAX_MEAN: 84.9

MAX_MED: 84.9

BMAD: 0.657



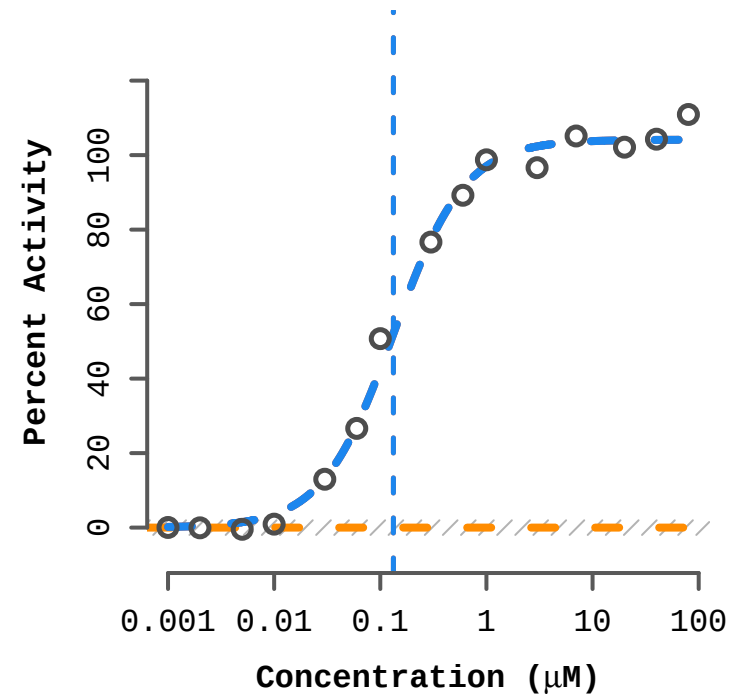
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 6-Methyl-2-thiouracil
CHID: 20890 CASRN: 56-04-2
SPID(S): Tox21_201870
M4ID: 11453942

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	32.1	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.67	NA	NA	
MAX_MEAN:	1.58	MAX_MED:	1.58	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Metronidazole

CHID: 20892 CASRN: 443-48-1

SPID(S): Tox21_202413

M4ID: 11453399

HILL MODEL (in red):

	tp	ga	gw
val:	104	-0.876	1.3
sd:	1.41	0.0288	0.069

GAIN-LOSS MODEL (in blue):

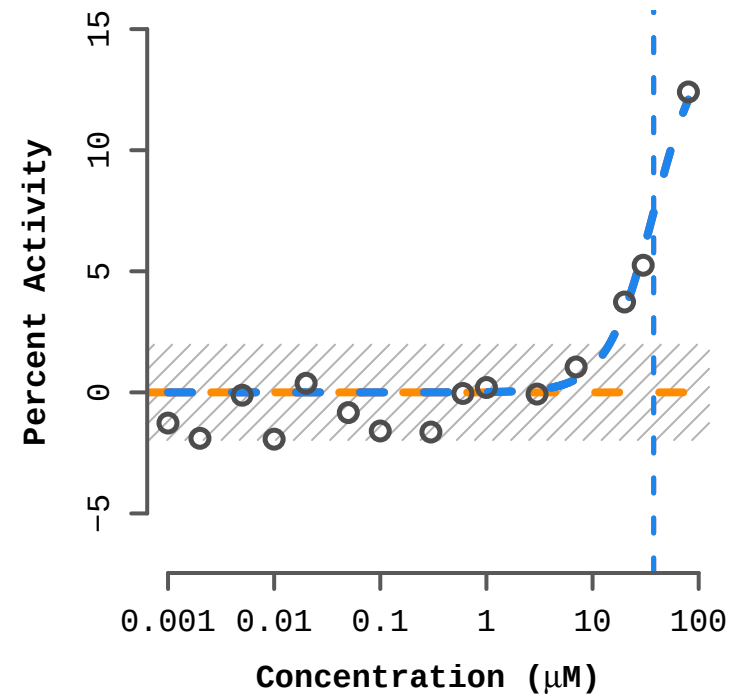
	tp	ga	gw	la	lw
val:	104	-0.876	1.3	3.36	17.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	175.65	85.26	89.26
PROB:	0	0.88	0.12
RMSE:	73.51	3.37	3.37

MAX_MEAN: 111

MAX_MED: 111

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Michler's ketone

CHID: 20894 CASRN: 90-94-8

SPID(S): Tox21_202416

M4ID: 11453396

HILL MODEL (in red):

	tp	ga	gw
val:	14.9	1.58	1.94
sd:	2.92	0.121	0.599

GAIN-LOSS MODEL (in blue):

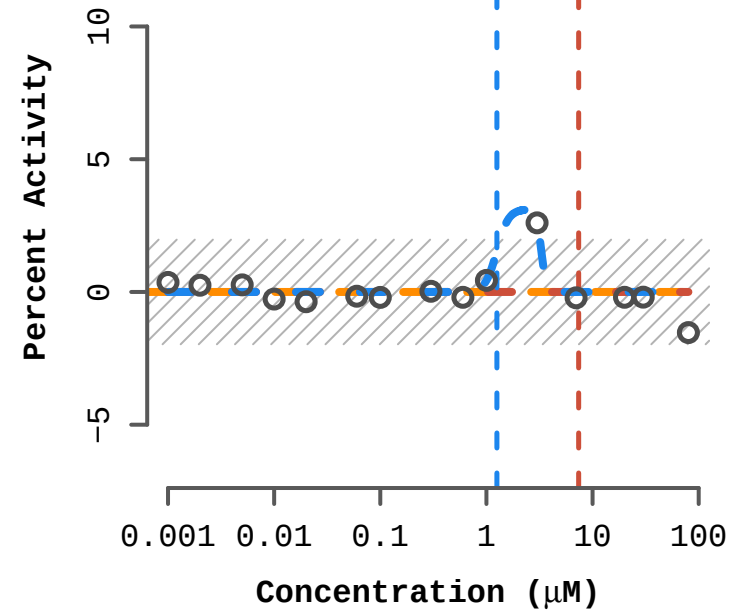
	tp	ga	gw	la	lw
val:	14.9	1.58	1.94	3.82	4.34
sd:	2.91	0.12	0.597	1760	3990

	CNST	HILL	GNLS
AIC:	76.8	52.19	56.19
PROB:	0	0.88	0.12
RMSE:	3.76	1.03	1.03

MAX_MEAN: 12.4

MAX_MED: 12.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Monocrotaline

CHID: 20902 CASRN: 315-22-0

SPID(S): Tox21_201509

M4ID: 11454303

HILL MODEL (in red):

	tp	ga	gw
val:	1.07e-11	0.869	0.476
sd:	2.08e-06	682000	668000

GAIN-LOSS MODEL (in blue):

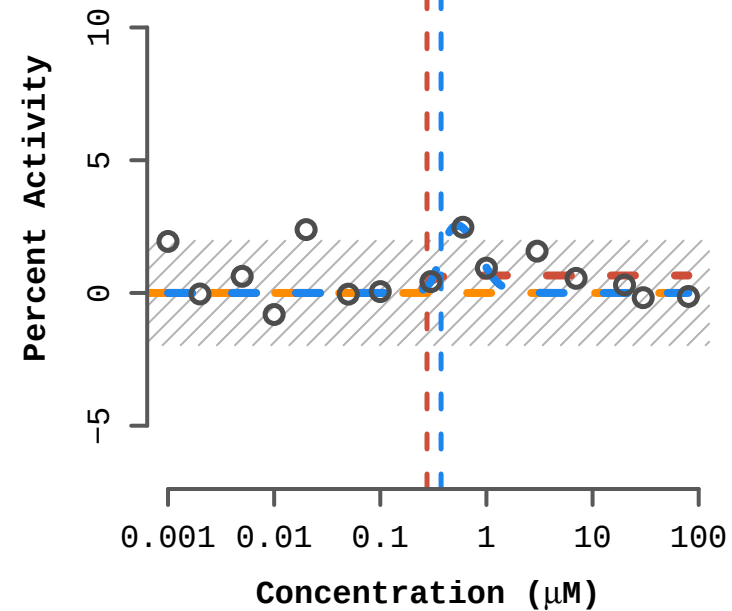
	tp	ga	gw	la	lw
val:	3.12	0.0989	8	0.517	17.8
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	30.36	36.36	23.83
PROB:	0.04	0	0.96
RMSE:	0.82	0.82	0.45

MAX_MEAN: 2.61

MAX_MED: 2.61

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Busulfan

CHID: 20910 CASRN: 55-98-1

SPID(S): Tox21_201848

M4ID: 11453964

HILL MODEL (in red):

	tp	ga	gw
val:	0.658	-0.56	8
sd:	0.355	0.346	33

GAIN-LOSS MODEL (in blue):

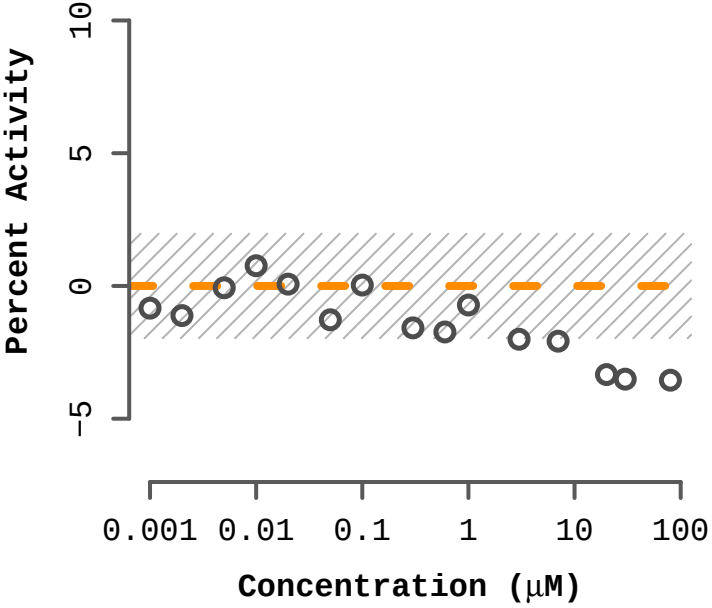
	tp	ga	gw	la	lw
val:	2.97	-0.427	7.99	-0.0678	4.76
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	48.99	51.25	50.06
PROB:	0.52	0.17	0.31
RMSE:	1.17	1.04	0.95

MAX_MEAN: 2.48

MAX_MED: 2.48

BMAD: 0.657



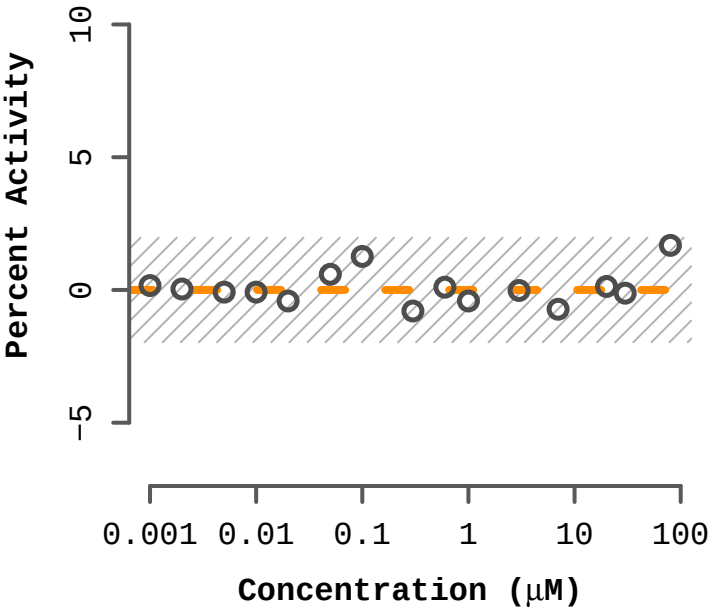
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nalidixic acid
CHID: 20912 CASRN: 389-08-2
SPID(S): Tox21_201477
M4ID: 11454335

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	65.11	NA	NA
PROB:	1	NA	NA
RMSE:	1.91	NA	NA
MAX_MEAN:	0.763	MAX_MED: 0.763	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Naphthalene

CHID: 20913 CASRN: 91-20-3

SPID(S): Tox21_202004

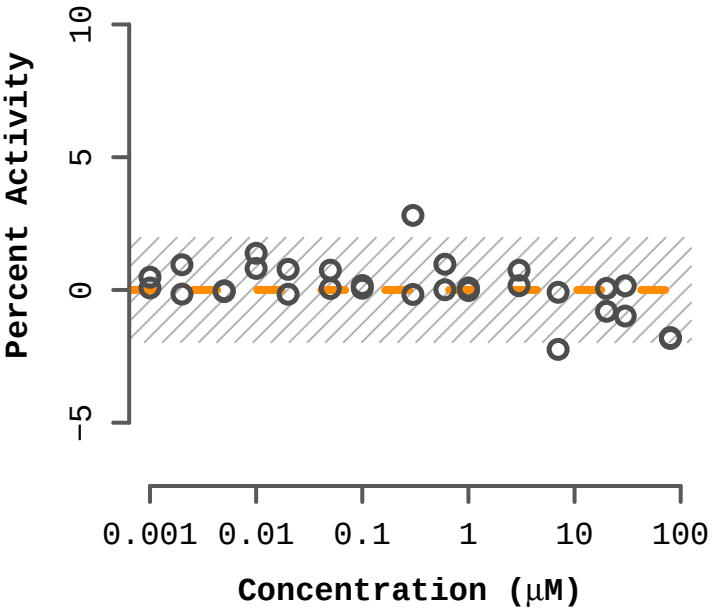
M4ID: 11453808

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.02	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA

MAX_MEAN:	1.68	MAX_MED:	1.68	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Naphthaleneacetic acid

CHID: 20915 CASRN: 86-87-3

SPID(S): Tox21_400007

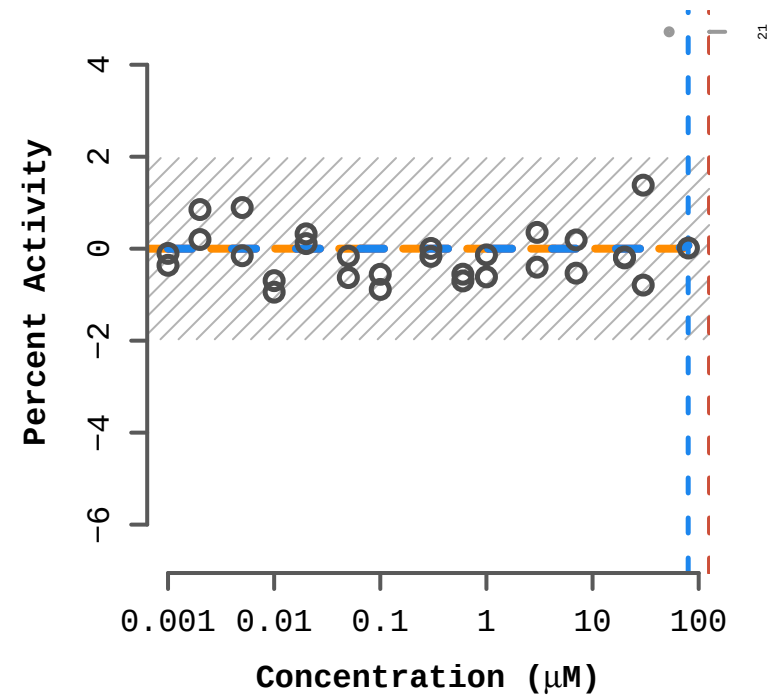
M4ID: 11453341

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	80.58	NA	NA
PROB:	1	NA	NA
RMSE:	0.96	NA	NA

MAX_MEAN:	1.32	MAX_MED:	1.32	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,5-Naphthalenediamine

CHID: 20916 CASRN: 2243-62-1

SPID(S): Tox21_400040

M4ID: 11453308 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	2.34	2.1	7.58
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

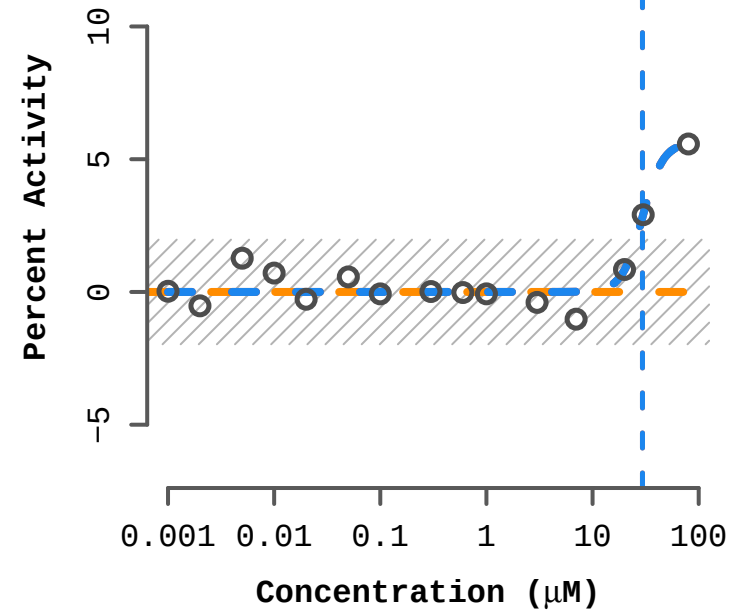
	tp	ga	gw	la	lw
val:	0.137	1.9	7.99	3.87	3.05
sd:	114	91.8	925	329000	507000

	CNST	HILL	GNLS
AIC:	84	89.98	93.98
PROB:	0.95	0.05	0.01
RMSE:	3.87	3.86	3.86

MAX_MEAN: 10.5

MAX_MED: 10.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-(1-Naphthyl)ethylenediamine dihydrochloride

CHID: 20917 CASRN: 1465-25-4

SPID(S): Tox21_201928

M4ID: 11453884

HILL MODEL (in red):

	tp	ga	gw
val:	5.64	1.47	4.5
sd:	0.354	0.0262	1.26

GAIN-LOSS MODEL (in blue):

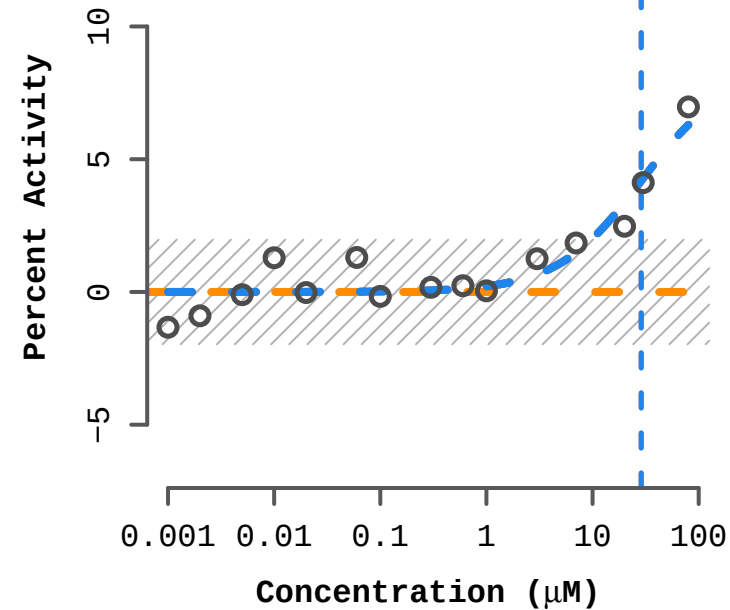
	tp	ga	gw	la	lw
val:	5.64	1.47	4.5	3.88	2.95
sd:	0.356	0.0262	1.26	1330	2030

	CNST	HILL	GNLS
AIC:	52.77	29.48	33.48
PROB:	0	0.88	0.12
RMSE:	1.72	0.52	0.52

MAX_MEAN: 5.57

MAX_MED: 5.57

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N'-Di-2-naphthyl-p-phenylenediamine

CHID: 20918 CASRN: 93-46-9

SPID(S): Tox21_202063

M4ID: 11453749

HILL MODEL (in red):

	tp	ga	gw
val:	8.37	1.46	1.09
sd:	2.23	0.234	0.303

GAIN-LOSS MODEL (in blue):

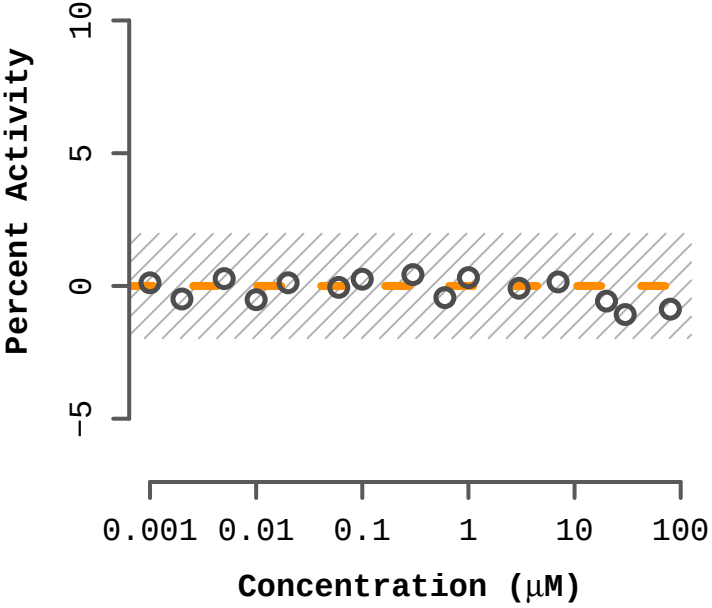
	tp	ga	gw	la	lw
val:	8.37	1.46	1.09	3.49	5.64
sd:	2.23	0.234	0.303	2220	7890

	CNST	HILL	GNLS
AIC:	66.26	41.53	45.53
PROB:	0	0.88	0.12
RMSE:	2.35	0.72	0.72

MAX_MEAN: 6.97

MAX_MED: 6.97

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Naphthylamine

CHID: 20920 **CASRN:** 134-32-7

SPID(S): Tox21_201233

M4ID: 11454579

HILL MODEL: Not applicable.

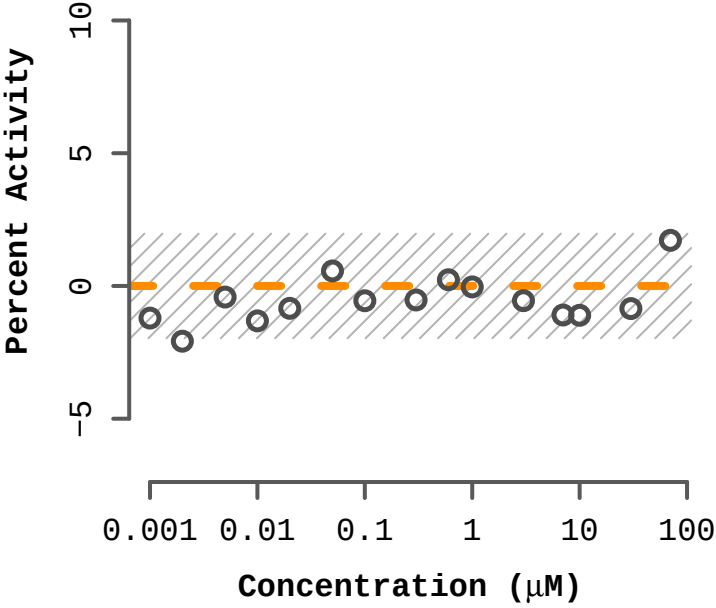
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	23.24	NA	NA
PROB:	1	NA	NA
RMSE:	0.48	NA	NA

MAX_MEAN: 0.43

MAX_MED: 0.43

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Naphthylamine

CHID: 20921 CASRN: 91-59-8

SPID(S): Tox21_202091

M4ID: 11453721

HILL MODEL: Not applicable.

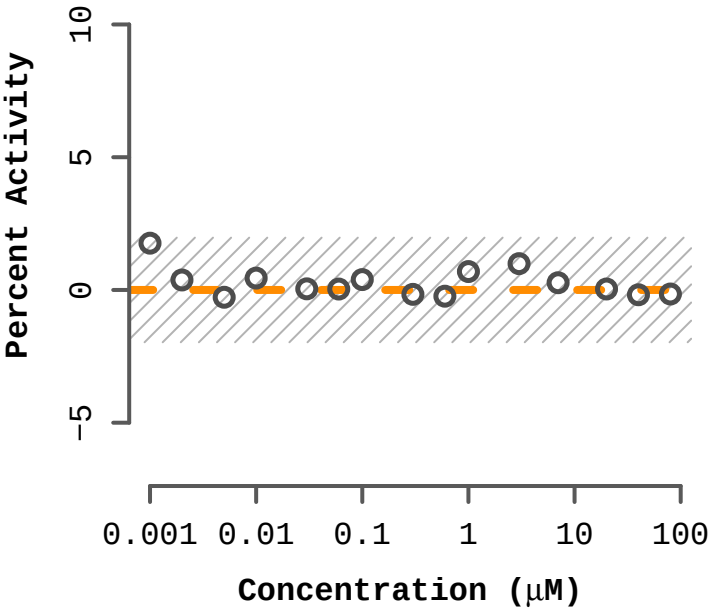
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.04	NA	NA
PROB:	1	NA	NA
RMSE:	1.02	NA	NA

MAX_MEAN: 1.72

MAX_MED: 1.72

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nefiracetam

CHID: 20923 **CASRN:** 77191-36-7

SPID(S): Tox21_201916

M4ID: 11453896

HILL MODEL: Not applicable.

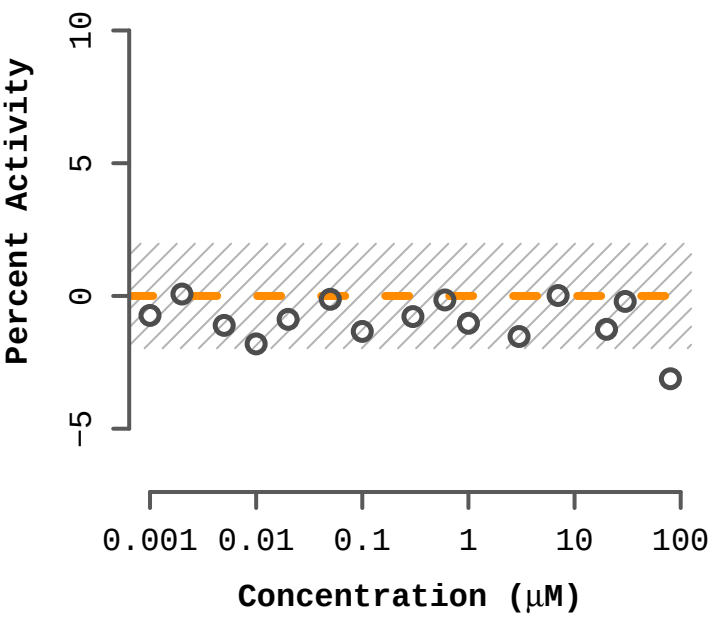
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.85	NA	NA
PROB:	1	NA	NA
RMSE:	0.6	NA	NA

MAX_MEAN: 1.76

MAX_MED: 1.76

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Niacinamide

CHID: 20929 CASRN: 98-92-0

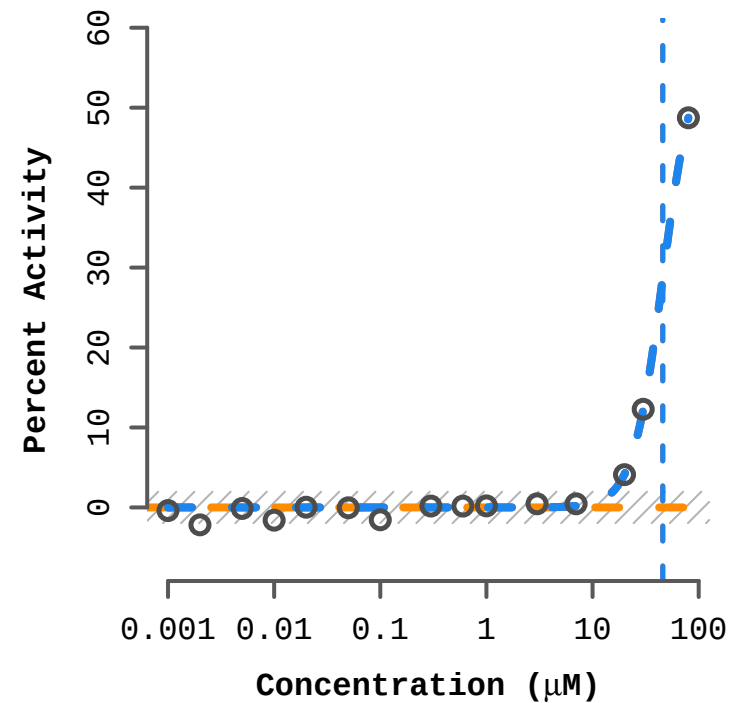
SPID(S): Tox21_201716

M4ID: 11454096

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	51.19	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.24	NA	NA	
MAX_MEAN:	0.0734	MAX_MED:	0.0734	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nicotine

CHID: 20930 CASRN: 54-11-5

SPID(S): Tox21_201814

M4ID: 11453998

HILL MODEL (in red):

	tp	ga	gw
val:	57.6	1.66	3.08
sd:	0.657	0.00722	0.0636

GAIN-LOSS MODEL (in blue):

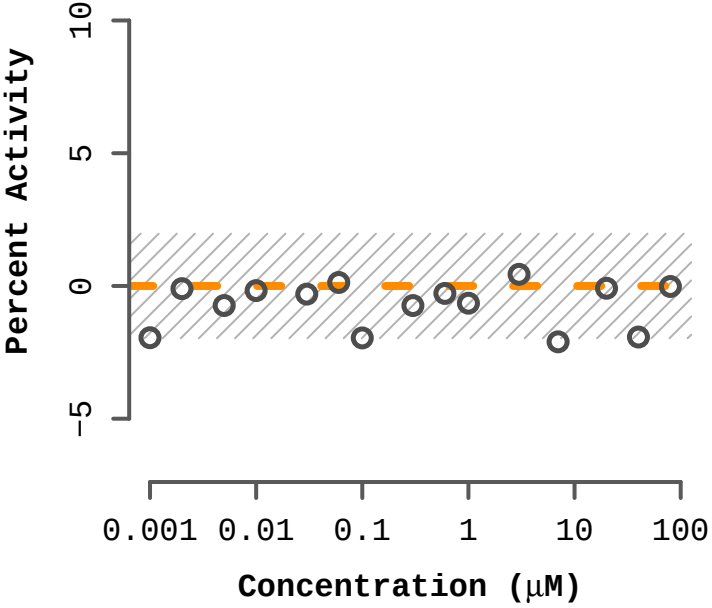
	tp	ga	gw	la	lw
val:	57.6	1.66	3.08	3.88	7.73
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	95.5	40.15	44.15
PROB:	0	0.88	0.12
RMSE:	13.05	0.82	0.82

MAX_MEAN: 48.7

MAX_MED: 48.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nicotinic acid

CHID: 20932 **CASRN:** 59-67-6

SPID(S): Tox21_201420

M4ID: 11454392

HILL MODEL: Not applicable.

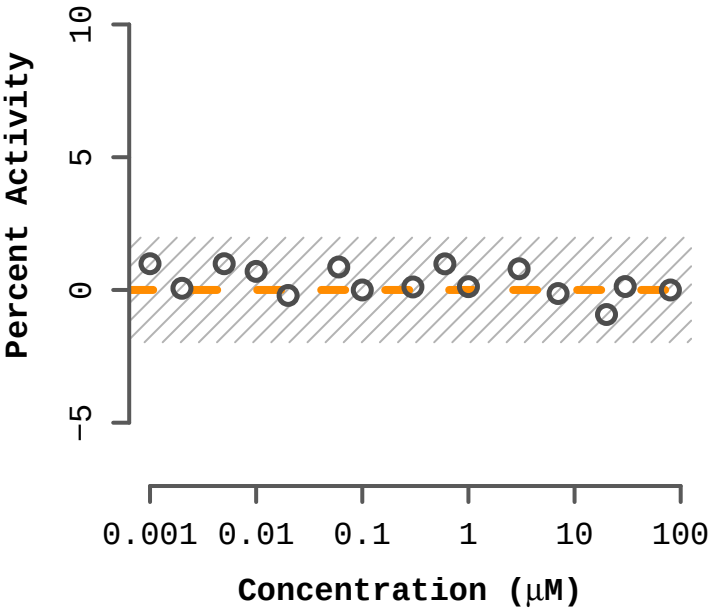
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.83	NA	NA
PROB:	1	NA	NA
RMSE:	1.09	NA	NA

MAX_MEAN: 0.439

MAX_MED: 0.439

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

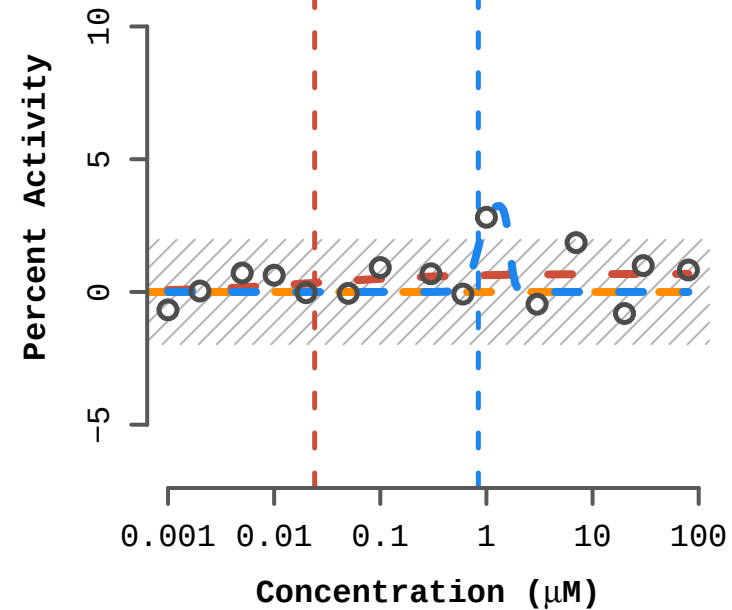
NAME: Nitrilotriacetic acid
CHID: 20939 CASRN: 139-13-9
SPID(S): Tox21_202195
M4ID: 11453617

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.68	NA	NA
PROB:	1	NA	NA
RMSE:	0.62	NA	NA

MAX_MEAN: 0.99	MAX_MED: 0.99	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium nitrite

CHID: 20941 CASRN: 7632-00-0

SPID(S): Tox21_202155

M4ID: 11453657

HILL MODEL (in red):

	tp	ga	gw
val:	0.681	-1.62	0.687
sd:	0.475	1.9	1.15

GAIN-LOSS MODEL (in blue):

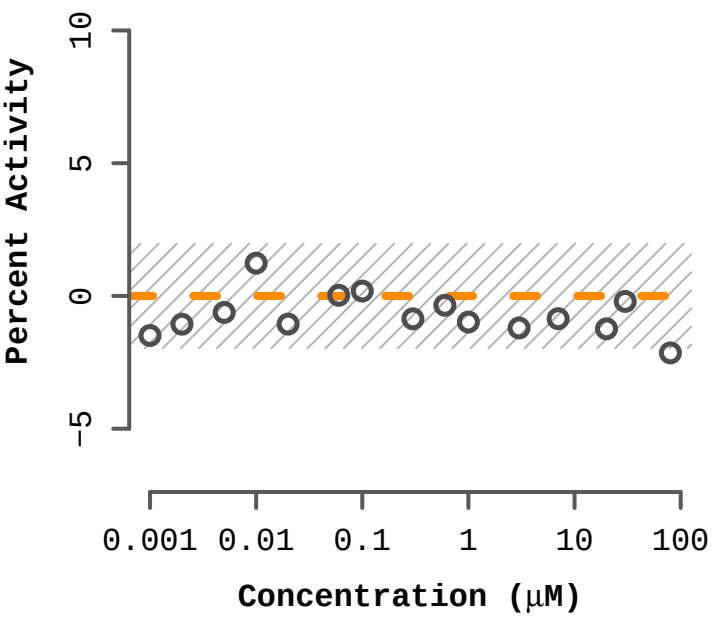
	tp	ga	gw	la	lw
val:	3.38	-0.076	8	0.219	18
sd:	1.78	0.106	5.64	1.75	131

	CNST	HILL	GNLS
AIC:	45.15	46.88	47.43
PROB:	0.57	0.24	0.18
RMSE:	1.05	0.89	0.77

MAX_MEAN: 2.81

MAX_MED: 2.81

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methoxy-5-nitroaniline

CHID: 20943 CASRN: 99-59-2

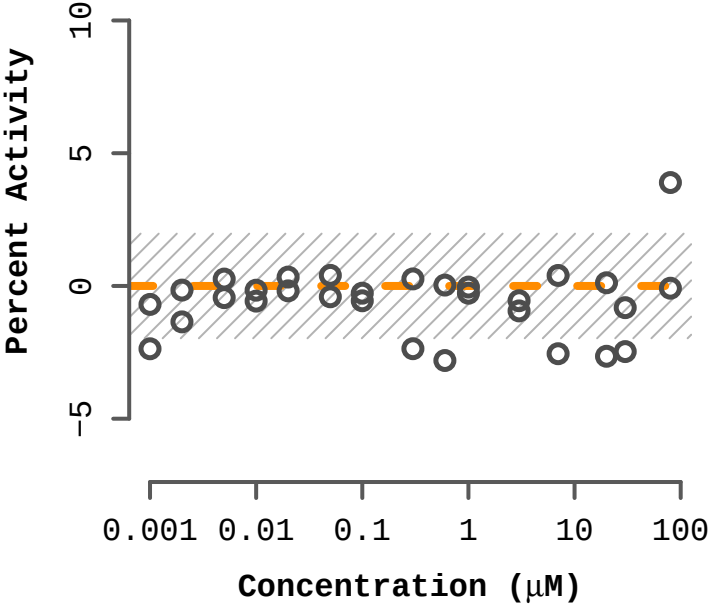
SPID(S): Tox21_201636

M4ID: 11454176

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	48.12	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.05	NA	NA	
MAX_MEAN:	1.24	MAX_MED:	1.24	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nitrofurazone

CHID: 20944 **CASRN:** 59-87-0

SPID(S): Tox21_400035

M4ID: 11453313

HILL MODEL: Not applicable.

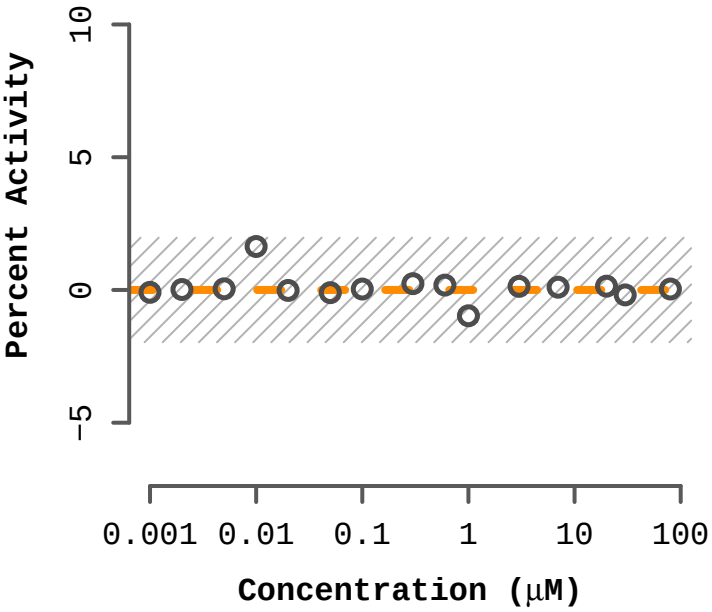
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	104.12	NA	NA
PROB:	1	NA	NA
RMSE:	1.41	NA	NA

MAX_MEAN: 1.91

MAX_MED: 1.91

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Hydroxy-3-nitrophenylarsonic acid

CHID: 20956 CASRN: 121-19-7

SPID(S): Tox21_201465

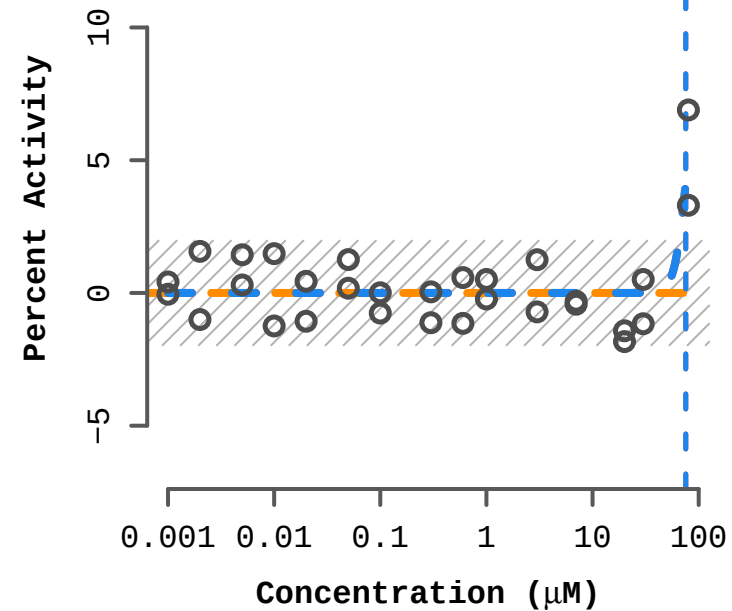
M4ID: 11454347

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	12.78	NA	NA
PROB:	1	NA	NA
RMSE:	0.51	NA	NA

MAX_MEAN:	1.64	MAX_MED:	1.64	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Nitro-1,4-phenylenediamine

CHID: 20957 CASRN: 5307-14-2

SPID(S): Tox21_400026

M4ID: 11453322

HILL MODEL (in red):

	tp	ga	gw
val:	8.27	1.88	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

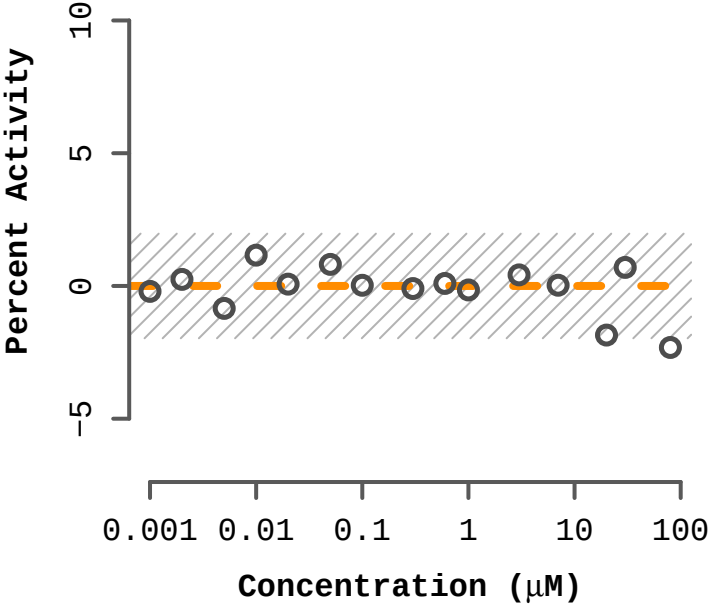
	tp	ga	gw	la	lw
val:	8.27	1.88	8	3.65	8.63
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	106.81	99.15	103.15
PROB:	0.02	0.86	0.12
RMSE:	1.67	1.03	1.03

MAX_MEAN: 5.1

MAX_MED: 5.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nitro-1,2-phenylenediamine

CHID: 20958 CASRN: 99-56-9

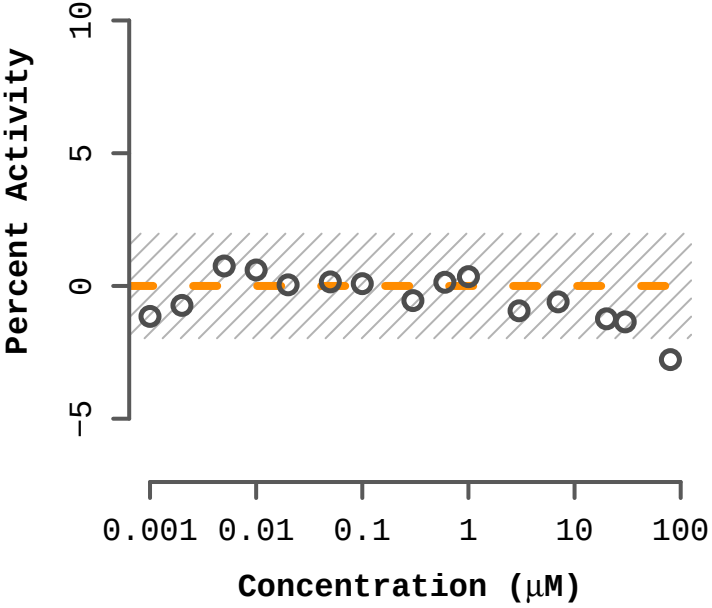
SPID(S): Tox21_202313

M4ID: 11453499

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.69	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA
MAX_MEAN:	1.16	MAX_MED:	1.16
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methyl-5-nitroaniline

CHID: 20959 CASRN: 99-55-8

SPID(S): Tox21_201945

M4ID: 11453867

HILL MODEL: Not applicable.

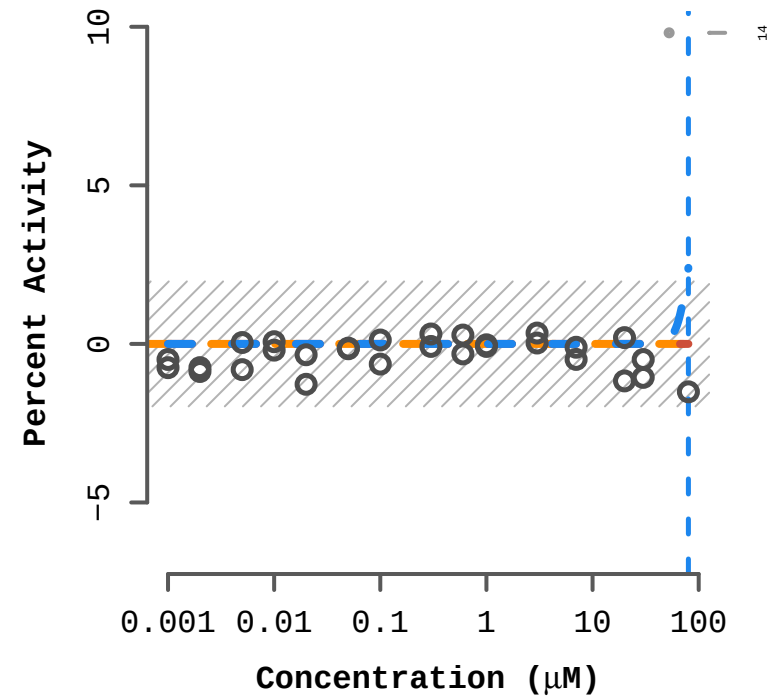
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.39	NA	NA
PROB:	1	NA	NA
RMSE:	1.02	NA	NA

MAX_MEAN: 0.754

MAX_MED: 0.754

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nitroaniline

CHID: 20961 CASRN: 100-01-6

SPID(S): Tox21_400031

M4ID: 11453317 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	2.4e-08	2.36	3.92
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

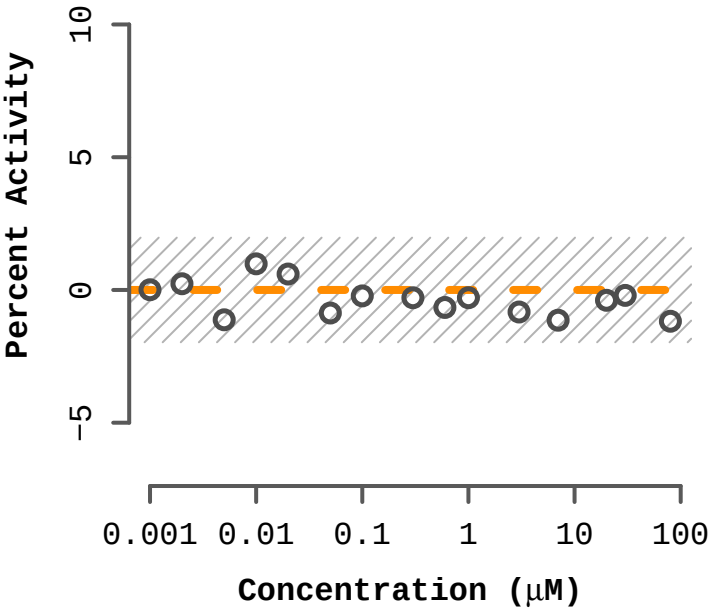
	tp	ga	gw	la	lw
val:	6.22	1.9	8	3.66	0.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	82.43	88.43	98.38
PROB:	0.95	0.05	0
RMSE:	2.67	2.67	2.34

MAX_MEAN: 6.37

MAX_MED: 6.37

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Methoxy-2-nitrobenzene

CHID: 20962 CASRN: 91-23-6

SPID(S): Tox21_201984

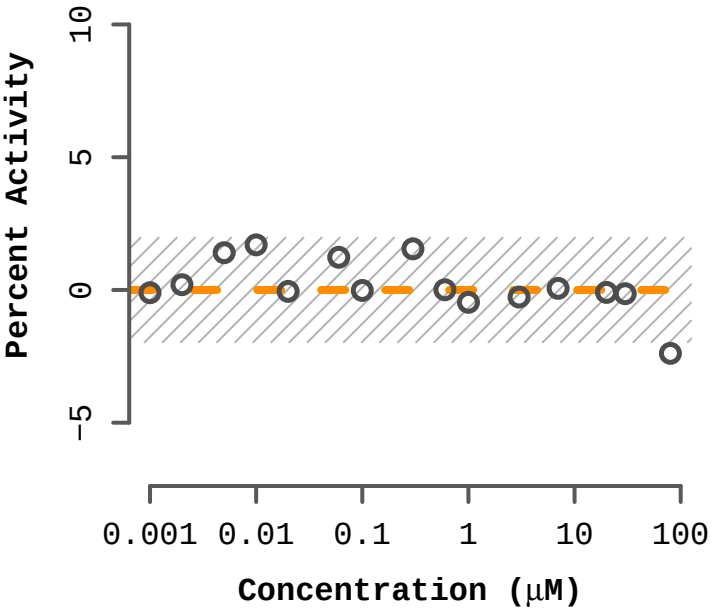
M4ID: 11453828

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN: 0.986 MAX_MED: 0.986 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nitroanthranilic acid

CHID: 20963 CASRN: 619-17-0

SPID(S): Tox21_201312

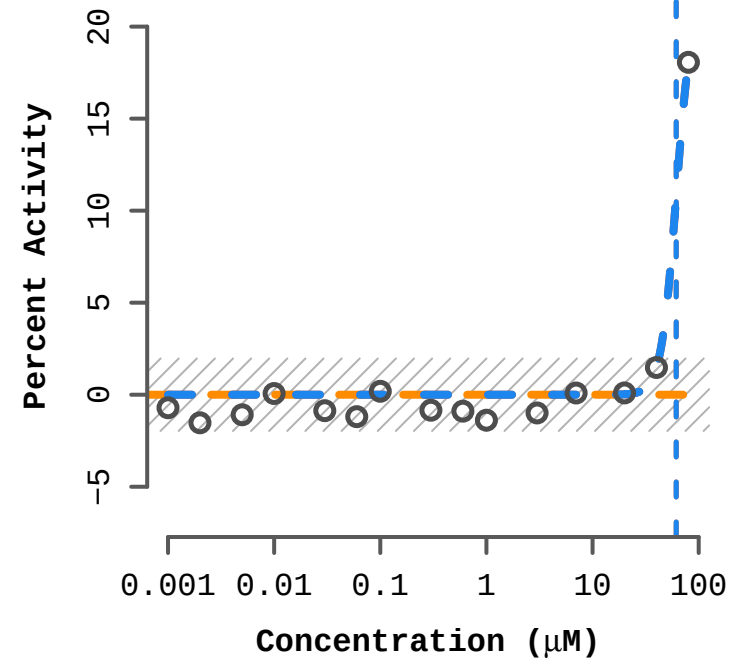
M4ID: 11454500

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.33	NA	NA
PROB:	1	NA	NA
RMSE:	1	NA	NA

MAX_MEAN: 1.7	MAX_MED: 1.7	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nitrobenzene

CHID: 20964 CASRN: 98-95-3

SPID(S): Tox21_201750

M4ID: 11454062

HILL MODEL (in red):

	tp	ga	gw
val:	21.7	1.79	6.09
sd:	3.93	0.0516	1.78

GAIN-LOSS MODEL (in blue):

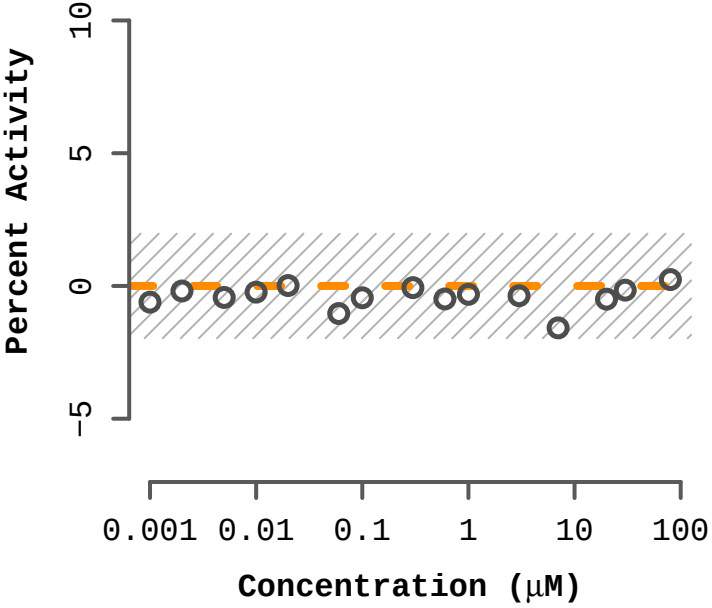
	tp	ga	gw	la	lw
val:	21.7	1.79	6.09	2.76	6.99
sd:	3.94	0.0517	1.78	1240	10100

	CNST	HILL	GNLS
AIC:	66.92	47.21	51.21
PROB:	0	0.88	0.12
RMSE:	4.75	0.84	0.84

MAX_MEAN: 18.1

MAX_MED: 18.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

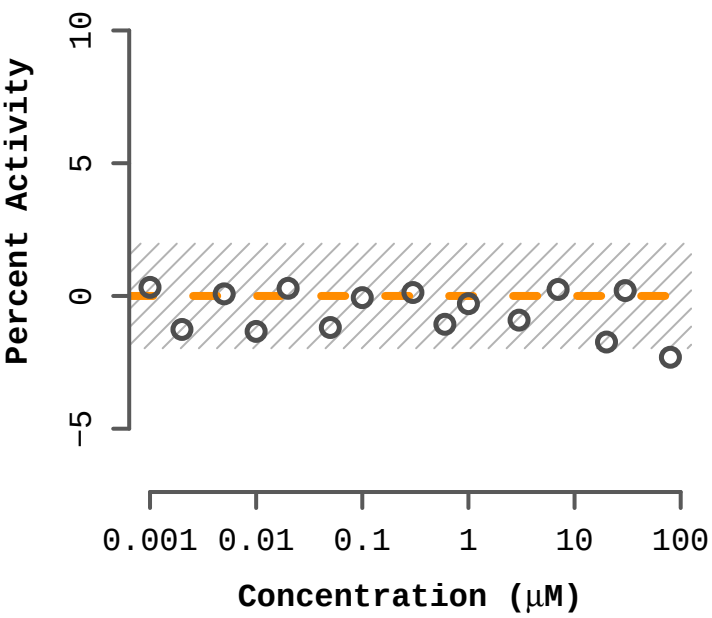
NAME: 6-Nitrobenzimidazole
CHID: 20965 CASRN: 94-52-0
SPID(S): Tox21_201684
M4ID: 11454128

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	27.72	NA	NA
PROB:	1	NA	NA
RMSE:	0.59	NA	NA

MAX_MEAN: 0.241 MAX_MED: 0.241 BMAD: 0.657



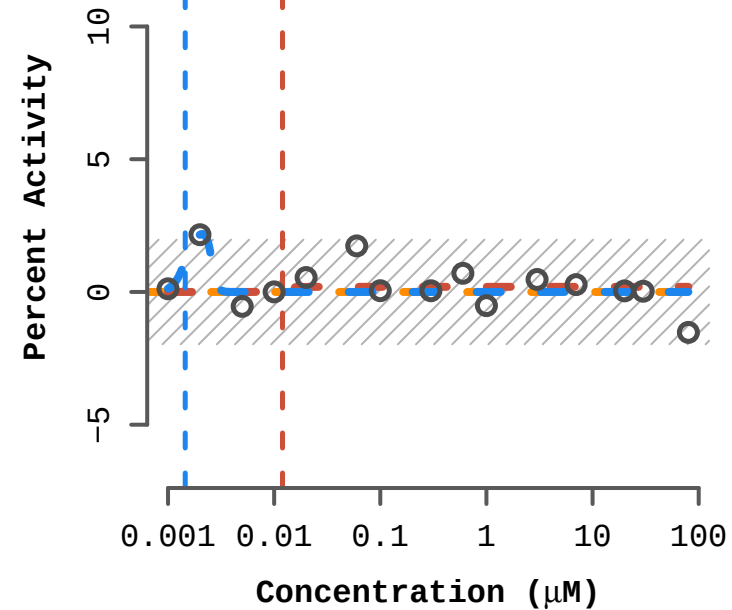
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nitrobenzoic acid
CHID: 20966 CASRN: 62-23-7
SPID(S): Tox21_201258
M4ID: 11454554

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.49	NA	NA
PROB:	1	NA	NA
RMSE:	1.02	NA	NA
MAX_MEAN:	0.325	MAX_MED: 0.325	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nitroethane

CHID: 20969 CASRN: 79-24-3

SPID(S): Tox21_202217

M4ID: 11453595

HILL MODEL (in red):

	tp	ga	gw
val:	0.193	-1.92	8
sd:	0.192	0.558	27.1

GAIN-LOSS MODEL (in blue):

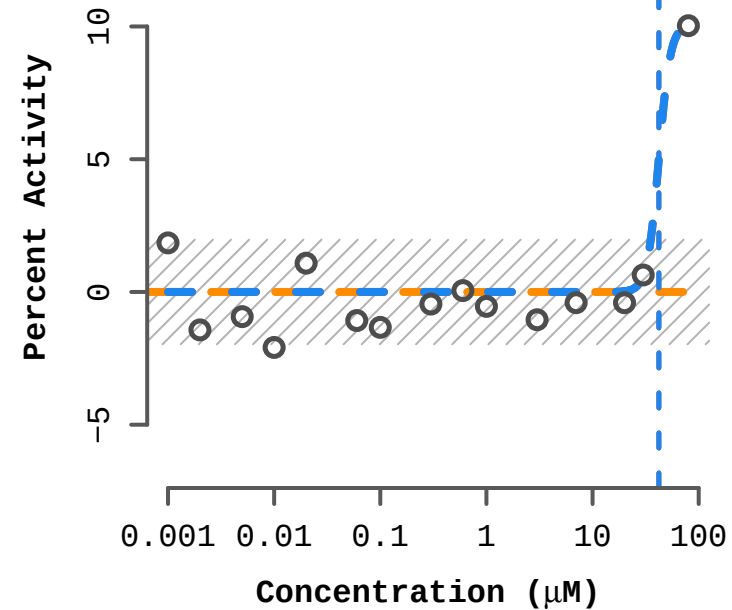
	tp	ga	gw	la	lw
val:	2.36	-2.84	7.82	-2.59	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	38.99	44.04	40.59
PROB:	0.65	0.05	0.29
RMSE:	0.88	0.87	0.68

MAX_MEAN: 2.16

MAX_MED: 2.16

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nitrofen

CHID: 20970 CASRN: 1836-75-5

SPID(S): Tox21_202438

M4ID: 11453374

HILL MODEL (in red):

	tp	ga	gw
val:	10.1	1.62	8
sd:	1.61	0.457	23

GAIN-LOSS MODEL (in blue):

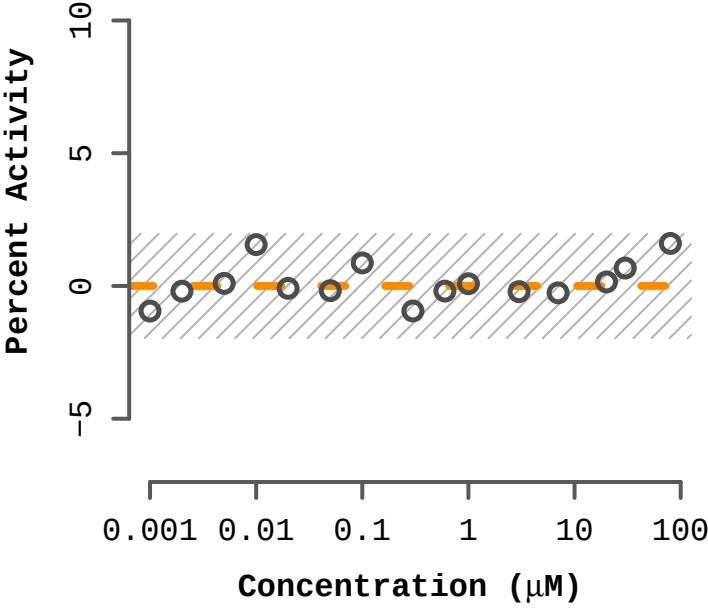
	tp	ga	gw	la	lw
val:	10.1	1.62	8	3.88	1.59
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	63.93	53.73	57.73
PROB:	0.01	0.88	0.12
RMSE:	2.8	1.06	1.06

MAX_MEAN: 10

MAX_MED: 10

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Nitrofluorene

CHID: 20971 **CASRN:** 607-57-8

SPID(S): Tox21_201765

M4ID: 11454047

HILL MODEL: Not applicable.

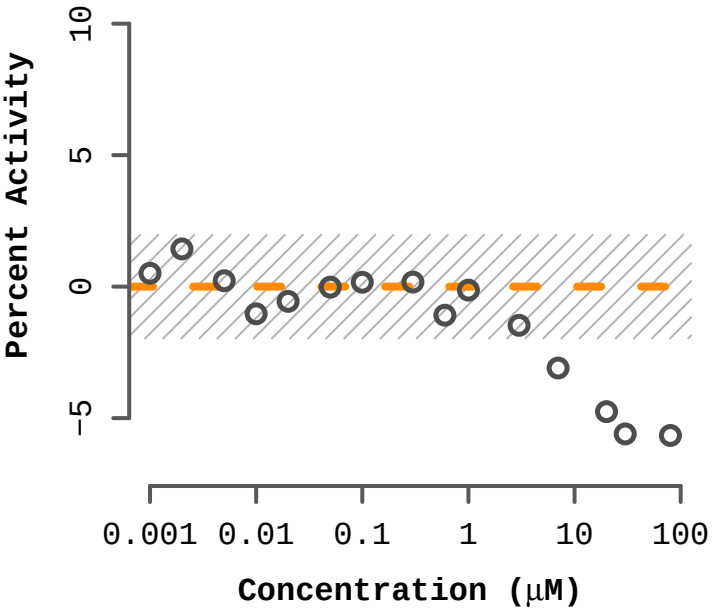
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.29	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 1.6

MAX_MED: 1.6

BMAD: 0.657



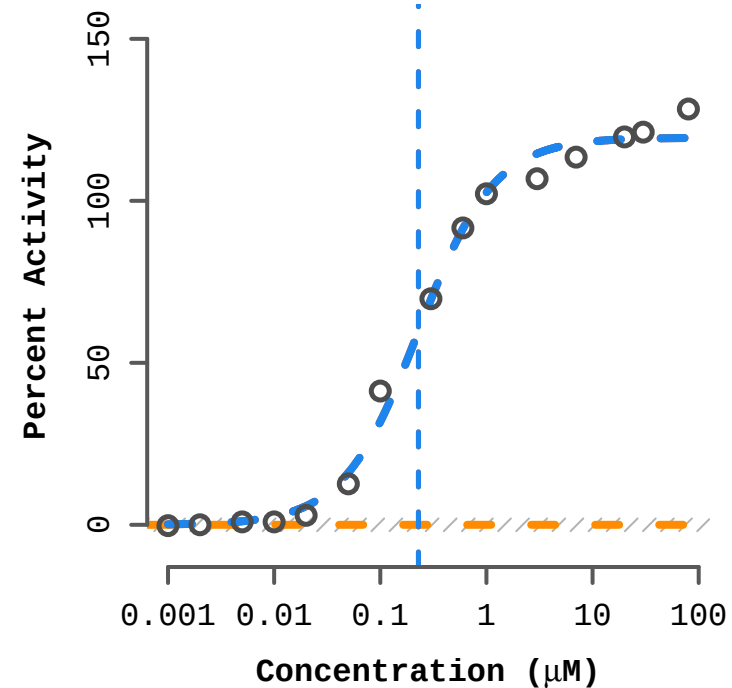
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nitrofurantoin
CHID: 20972 CASRN: 67-20-9
SPID(S): Tox21_201924
M4ID: 11453888

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	71.84	NA	NA	
PROB:	1	NA	NA	
RMSE:	2.62	NA	NA	
MAX_MEAN:	1.43	MAX_MED:	1.43	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Nitronaphthalene

CHID: 20978 CASRN: 86-57-7

SPID(S): Tox21_201407

M4ID: 11454405

HILL MODEL (in red):

	tp	ga	gw
val:	119	-0.64	1.22
sd:	2.14	0.0339	0.107

GAIN-LOSS MODEL (in blue):

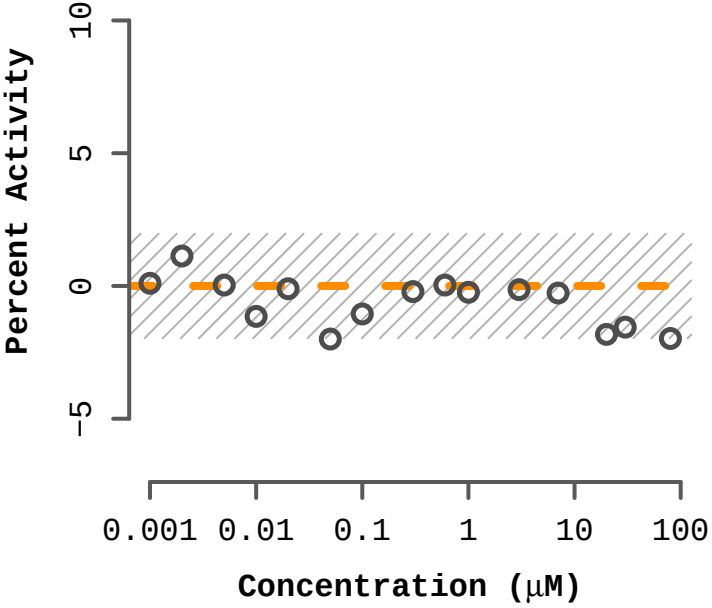
	tp	ga	gw	la	lw
val:	119	-0.64	1.22	3.51	16.6
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	177.78	92.86	96.86
PROB:	0	0.88	0.12
RMSE:	79.74	4.28	4.28

MAX_MEAN: 128

MAX_MED: 128

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Nitropropane

CHID: 20980 CASRN: 108-03-2

SPID(S): Tox21_202289

M4ID: 11453523

HILL MODEL: Not applicable.

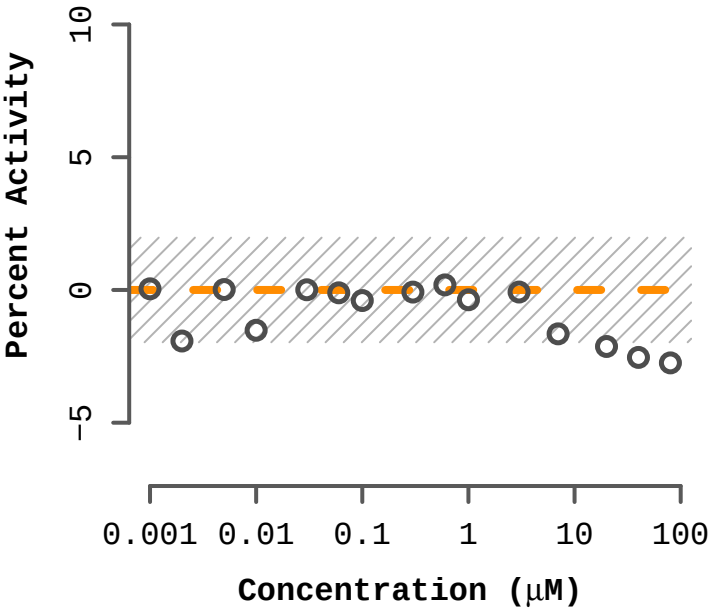
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.69	NA	NA
PROB:	1	NA	NA
RMSE:	1.08	NA	NA

MAX_MEAN: 1.13

MAX_MED: 1.13

BMAD: 0.657



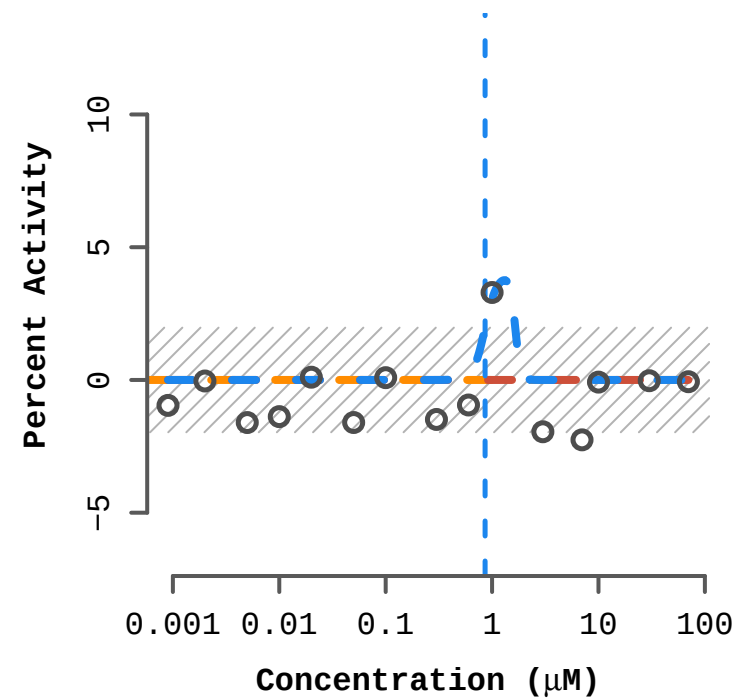
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Nitropropionic acid
CHID: 20982 CASRN: 504-88-1
SPID(S): Tox21_202460
M4ID: 11453352

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.86	NA	NA
PROB:	1	NA	NA
RMSE:	1.36	NA	NA
MAX_MEAN:	0.193	MAX_MED: 0.193	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Nitrosodibutylamine

CHID: 21026 CASRN: 924-16-3

SPID(S): Tox21_202334

M4ID: 11453478

HILL MODEL (in red):

	tp	ga	gw
val:	3.22e-08	2.33	2.03
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

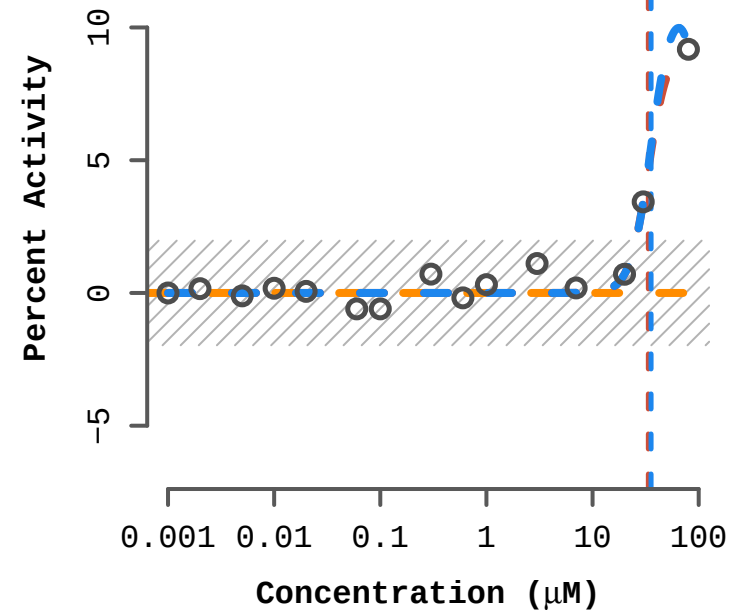
	tp	ga	gw	la	lw
val:	3.95	-0.0656	8	0.218	17.5
sd:	2.23	0.0996	5.38	1.45	106

	CNST	HILL	GNLS
AIC:	56.1	62.1	60.55
PROB:	0.86	0.04	0.09
RMSE:	1.43	1.43	1.17

MAX_MEAN: 3.3

MAX_MED: 3.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Nitrosodiethylamine

CHID: 21028 CASRN: 55-18-5

SPID(S): Tox21_201255

M4ID: 11454557

HILL MODEL (in red):

	tp	ga	gw
val:	9.32	1.53	4.83
sd:	0.282	0.0161	0.831

GAIN-LOSS MODEL (in blue):

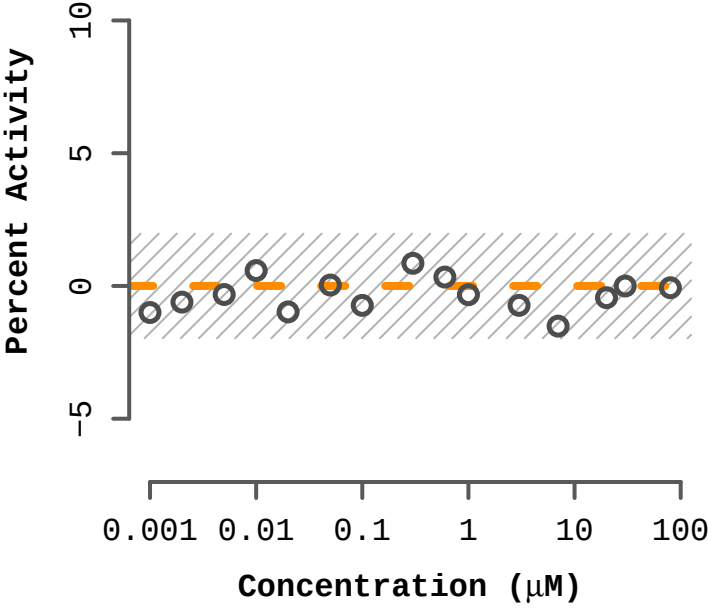
	tp	ga	gw	la	lw
val:	11	1.55	4.64	2.01	7.08
sd:	2.01	0.0192	0.905	0.0197	5.69

	CNST	HILL	GNLS
AIC:	56.37	23.12	27.12
PROB:	0	0.88	0.12
RMSE:	2.57	0.42	0.42

MAX_MEAN: 9.18

MAX_MED: 9.18

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Nitrosodimethylamine

CHID: 21029 **CASRN:** 62-75-9

SPID(S): Tox21_201663

M4ID: 11454149

HILL MODEL: Not applicable.

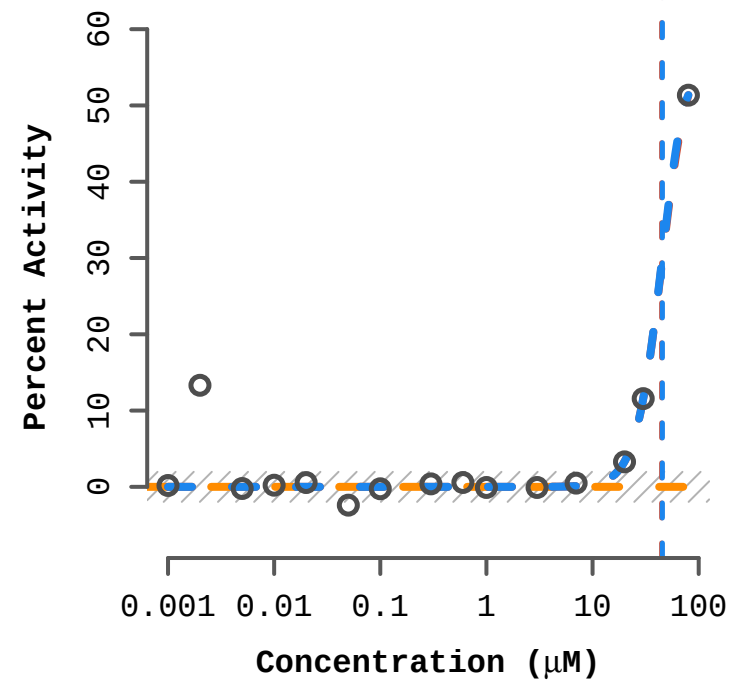
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.14	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 0.854

MAX_MED: 0.854

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Nitrosodiphenylamine

CHID: 21030 CASRN: 86-30-6

SPID(S): Tox21_201457

M4ID: 11454355

HILL MODEL (in red):

	tp	ga	gw
val:	58.2	1.65	3.48
sd:	0.652	0.0073	0.0777

GAIN-LOSS MODEL (in blue):

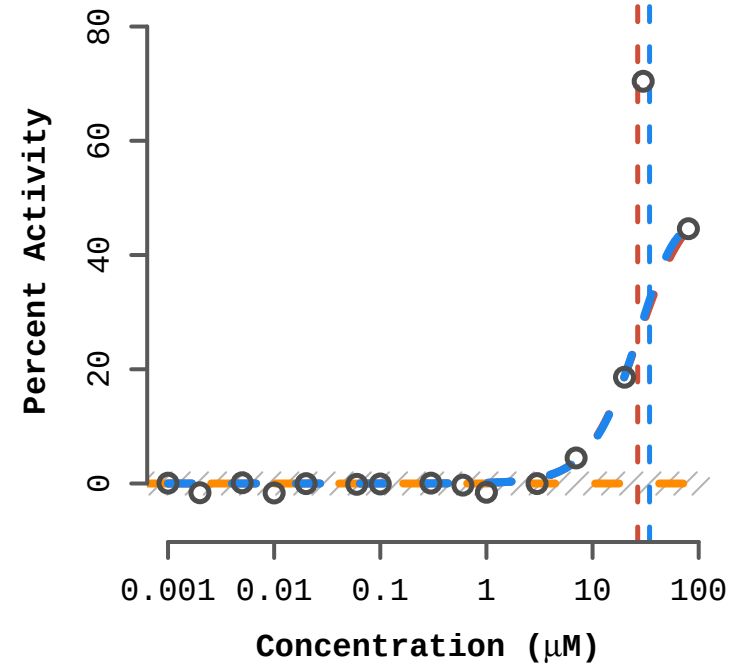
	tp	ga	gw	la	lw
val:	60.5	1.66	3.46	2.15	6.13
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	104.8	57.32	61.31
PROB:	0	0.88	0.12
RMSE:	14.06	3.51	3.51

MAX_MEAN: 51.4

MAX_MED: 51.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nitrosodiphenylamine

CHID: 21031 CASRN: 156-10-5

SPID(S): Tox21_201708

M4ID: 11454104

HILL MODEL (in red):

	tp	ga	gw
val:	50.5	1.43	1.84
sd:	1.76	0.0281	0.149

GAIN-LOSS MODEL (in blue):

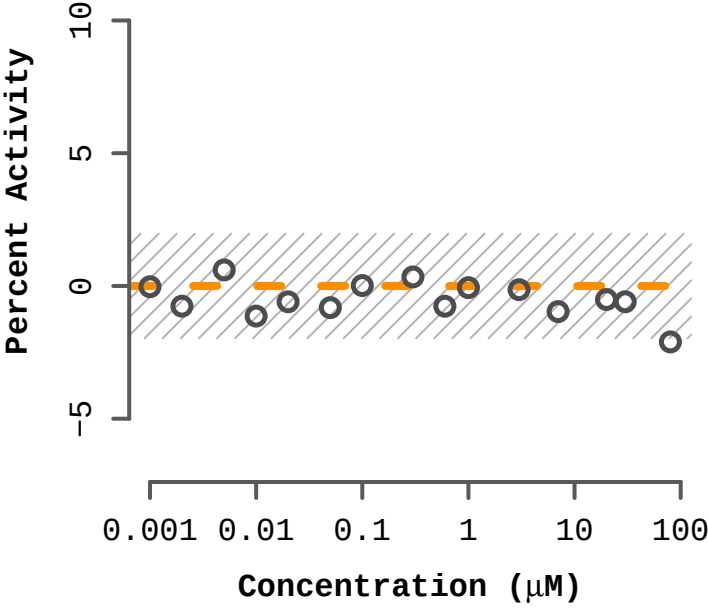
	tp	ga	gw	la	lw
val:	81.6	1.54	1.82	2.3	0.746
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	124.33	76.46	80.46
PROB:	0	0.88	0.12
RMSE:	22.1	10.98	10.79

MAX_MEAN: 70.4

MAX_MED: 70.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Nitrosodipropylamine

CHID: 21032 **CASRN:** 621-64-7

SPID(S): Tox21_201860

M4ID: 11453952

HILL MODEL: Not applicable.

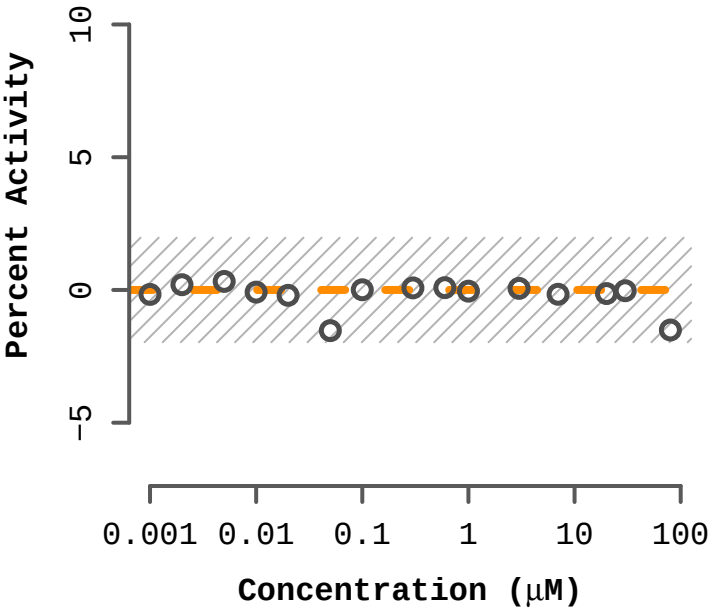
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.56	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA

MAX_MEAN: 0.605

MAX_MED: 0.605

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nitrosoheptamethyleneimine

CHID: 21039 CASRN: 20917-49-1

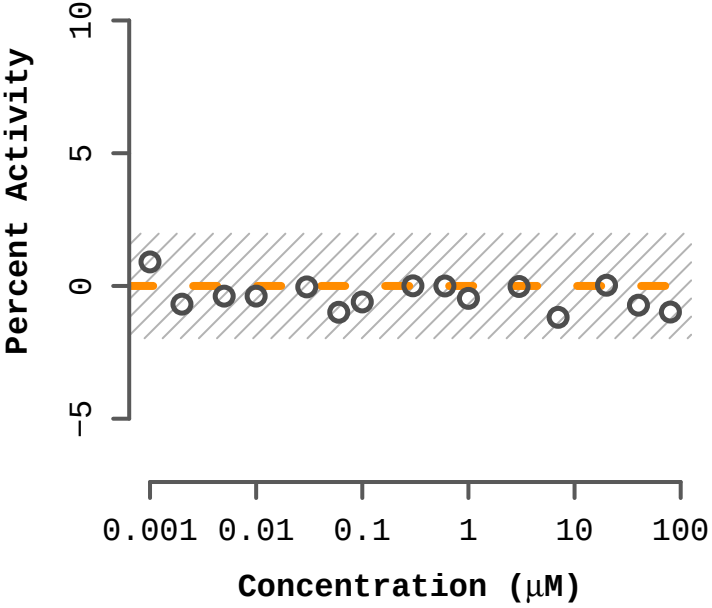
SPID(S): Tox21_201434

M4ID: 11454378

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	18.05	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.57	NA	NA	
MAX_MEAN:	0.323	MAX_MED:	0.323	
			BMAD:	0.657



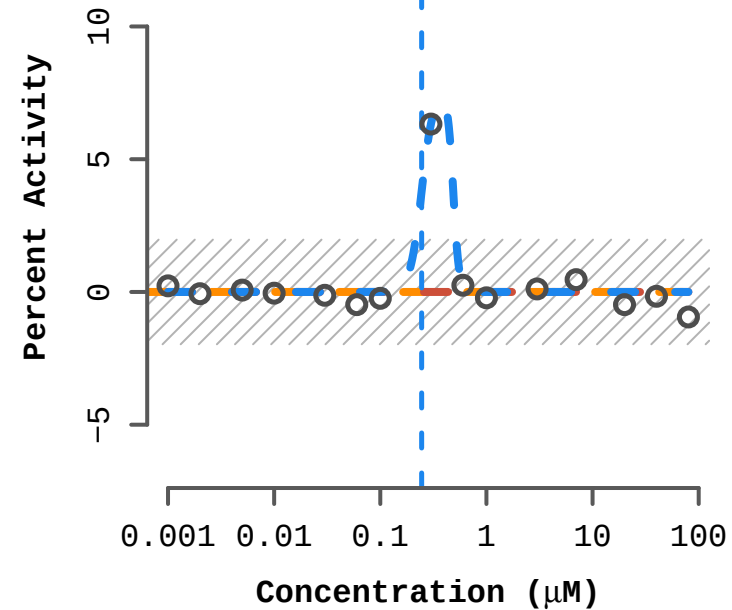
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nitrosomethylaniline
CHID: 21053 **CASRN:** 614-00-6
SPID(S): Tox21_201508
M4ID: 11454304

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.52	NA	NA
PROB:	1	NA	NA
RMSE:	0.63	NA	NA
MAX_MEAN:	0.907	MAX_MED: 0.907	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Nitrosomorpholine

CHID: 21056 CASRN: 59-89-2

SPID(S): Tox21_202132

M4ID: 11453680

HILL MODEL (in red):

	tp	ga	gw
val:	1.06e-05	2.4	7.99
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

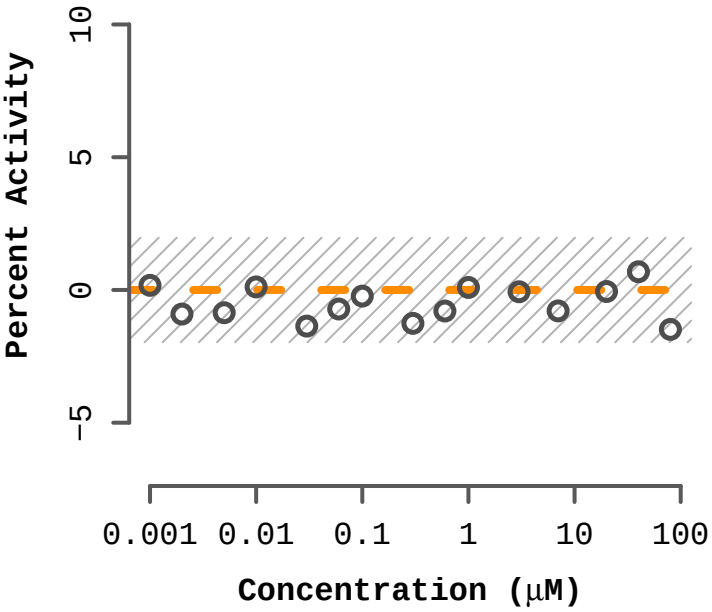
	tp	ga	gw	la	lw
val:	7.59	-0.61	8	-0.312	16.1
sd:	7.39	0.246	8.62	0.588	104

	CNST	HILL	GNLS
AIC:	35.59	41.59	21.17
PROB:	0	0	1
RMSE:	1.67	1.67	0.34

MAX_MEAN: 6.33

MAX_MED: 6.33

BMAD: 0.657



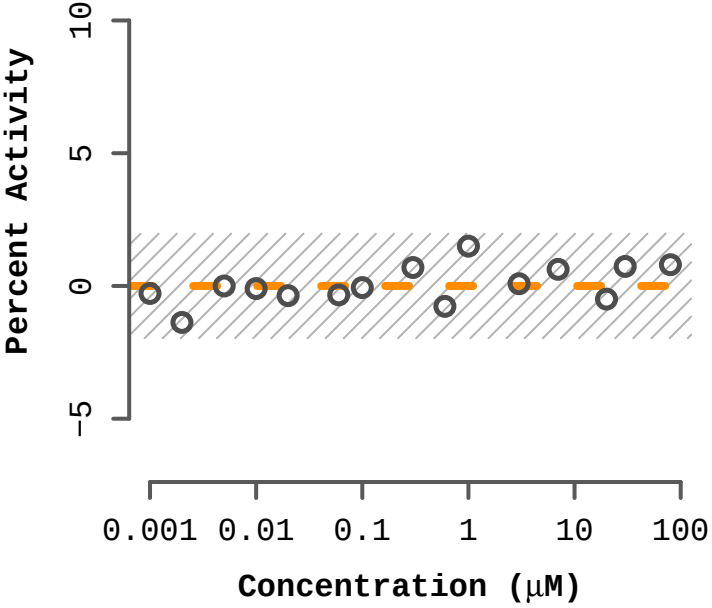
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Nitrosopyrrolidine
CHID: 21062 CASRN: 930-55-2
SPID(S): Tox21_202356
M4ID: 11453456

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA
MAX_MEAN:	0.686	MAX_MED: 0.686	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: C.I. Acid Orange 10

CHID: 21082 **CASRN:** 1936-15-8

SPID(S): Tox21_202154

M4ID: 11453658

HILL MODEL: Not applicable.

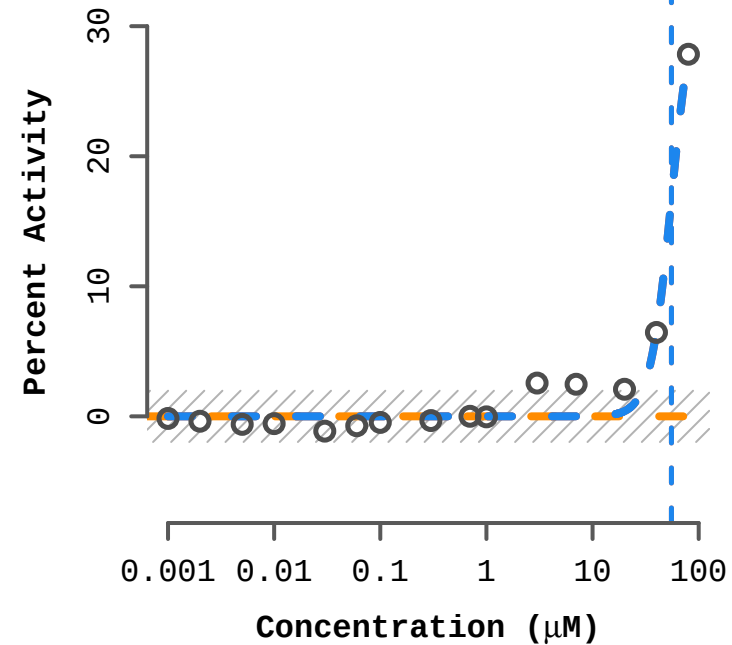
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.72	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 1.5

MAX_MED: 1.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Oxamyl

CHID: 21086 CASRN: 23135-22-0

SPID(S): Tox21_201731

M4ID: 11454081

HILL MODEL (in red):

	tp	ga	gw
val:	33.4	1.74	4.33
sd:	2	0.0213	0.472

GAIN-LOSS MODEL (in blue):

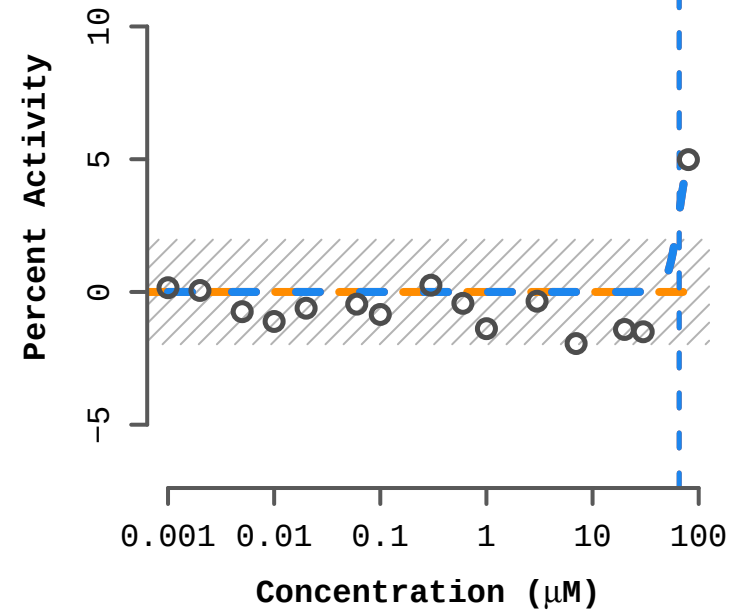
	tp	ga	gw	la	lw
val:	33.4	1.74	4.33	3.9	5.85
sd:	2	0.0213	0.472	90700	265000

	CNST	HILL	GNLS
AIC:	83.29	52.03	56.03
PROB:	0	0.88	0.12
RMSE:	7.47	1.11	1.11

MAX_MEAN: 27.8

MAX_MED: 27.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Oxydianiline

CHID: 21094 CASRN: 101-80-4

SPID(S): Tox21_202035

M4ID: 11453777

HILL MODEL (in red):

	tp	ga	gw
val:	5.98	1.82	8
sd:	7.48	0.345	9.47

GAIN-LOSS MODEL (in blue):

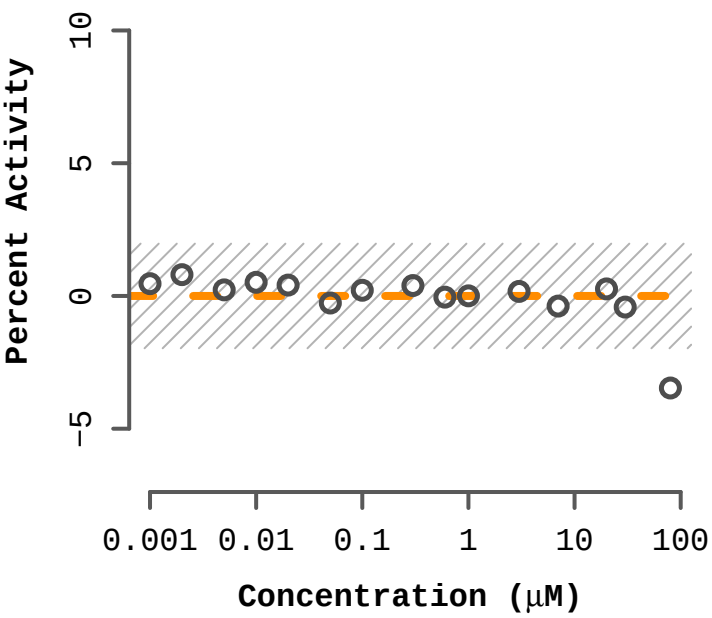
	tp	ga	gw	la	lw
val:	5.98	1.82	8	3.9	3.56
sd:	7.41	0.342	9.44	3800	6810

	CNST	HILL	GNLS
AIC:	54.81	50.11	54.11
PROB:	0.08	0.81	0.11
RMSE:	1.6	0.95	0.95

MAX_MEAN: 4.99

MAX_MED: 4.99

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Oxytetracycline hydrochloride

CHID: 21097 CASRN: 2058-46-0

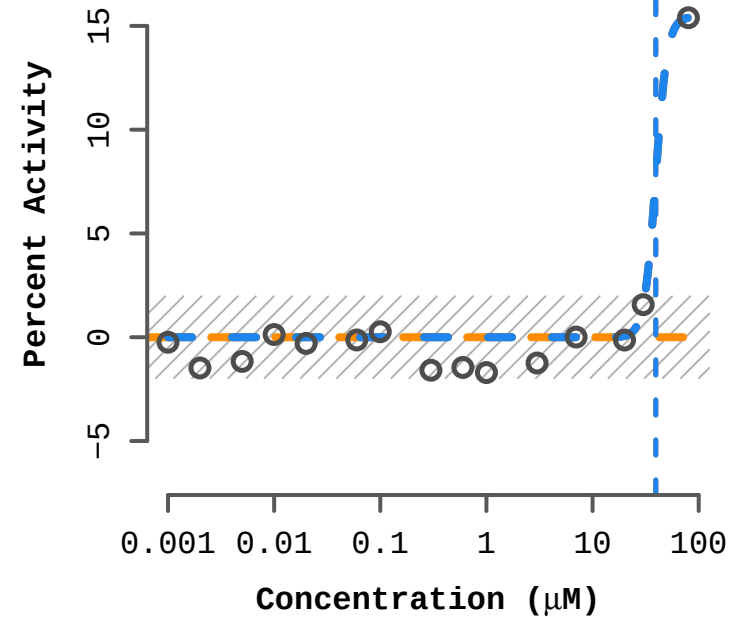
SPID(S): Tox21_201850

M4ID: 11453962

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32	NA	NA
PROB:	1	NA	NA
RMSE:	0.97	NA	NA
MAX_MEAN: 0.804		MAX_MED: 0.804	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Parathion

CHID: 21100 CASRN: 56-38-2

SPID(S): Tox21_202005

M4ID: 11453807

HILL MODEL (in red):

	tp	ga	gw
val:	15.4	1.6	8
sd:	0.839	0.144	9.41

GAIN-LOSS MODEL (in blue):

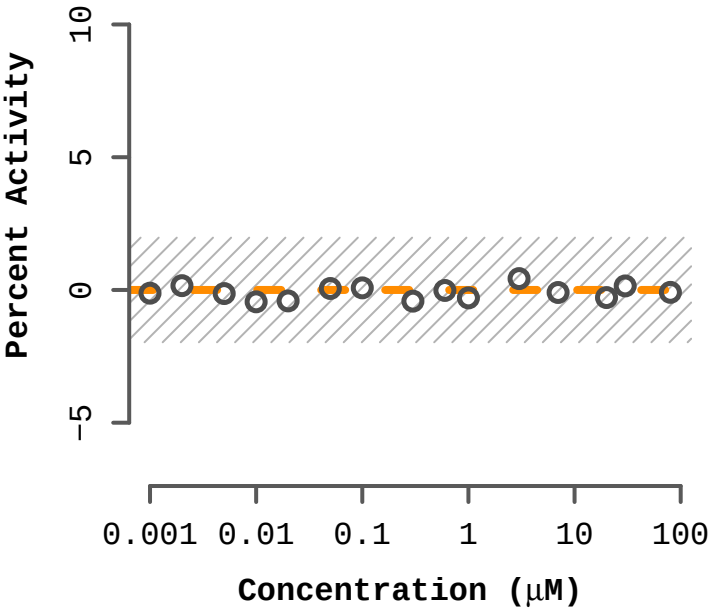
	tp	ga	gw	la	lw
val:	15.5	1.6	8	2.67	4.71
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	66.87	49.01	53.01
PROB:	0	0.88	0.12
RMSE:	4.1	0.93	0.93

MAX_MEAN: 15.4

MAX_MED: 15.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Penicillin VK

CHID: 21102 CASRN: 132-98-9

SPID(S): Tox21_202176

M4ID: 11453636

HILL MODEL: Not applicable.

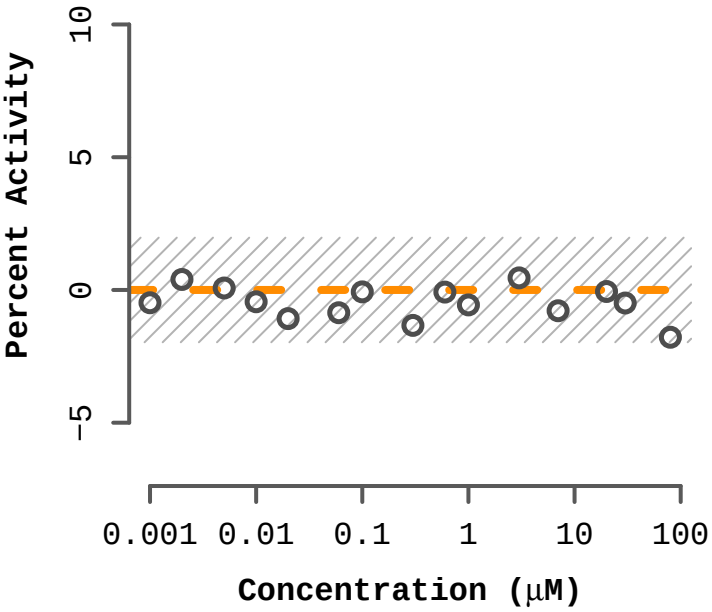
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	5.58	NA	NA
PROB:	1	NA	NA
RMSE:	0.26	NA	NA

MAX_MEAN: 0.43

MAX_MED: 0.43

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

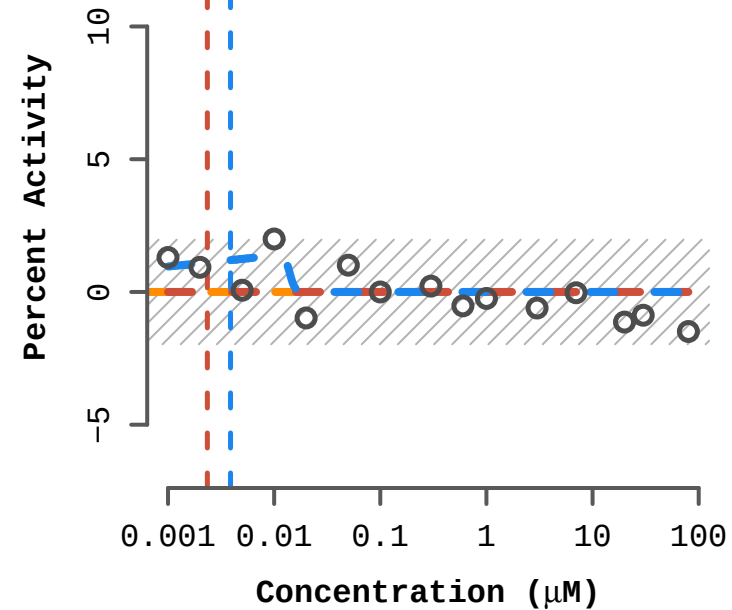
NAME: Pentachloroanisole
CHID: 21103 CASRN: 1825-21-4
SPID(S): Tox21_201560
M4ID: 11454252

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.11	NA	NA
PROB:	1	NA	NA
RMSE:	0.77	NA	NA

MAX_MEAN: 0.456 MAX_MED: 0.456 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pentachloronitrobenzene

CHID: 21105 CASRN: 82-68-8

SPID(S): Tox21_201947

M4ID: 11453865

HILL MODEL (in red):

	tp	ga	gw
val:	1.32e-09	-2.63	0.976
sd:	0.000336	13300	349000

GAIN-LOSS MODEL (in blue):

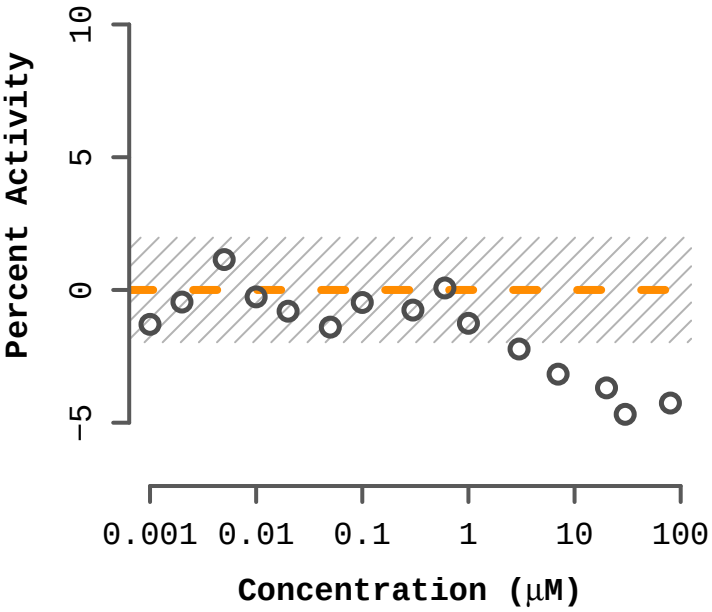
	tp	ga	gw	la	lw
val:	2.4	-2.41	0.3	-1.85	18
sd:	6.59	7.68	0.766	0.258	30.9

	CNST	HILL	GNLS
AIC:	44.51	50.51	48.47
PROB:	0.84	0.04	0.12
RMSE:	0.95	0.95	0.77

MAX_MEAN: 2

MAX_MED: 2

BMAD: 0.657



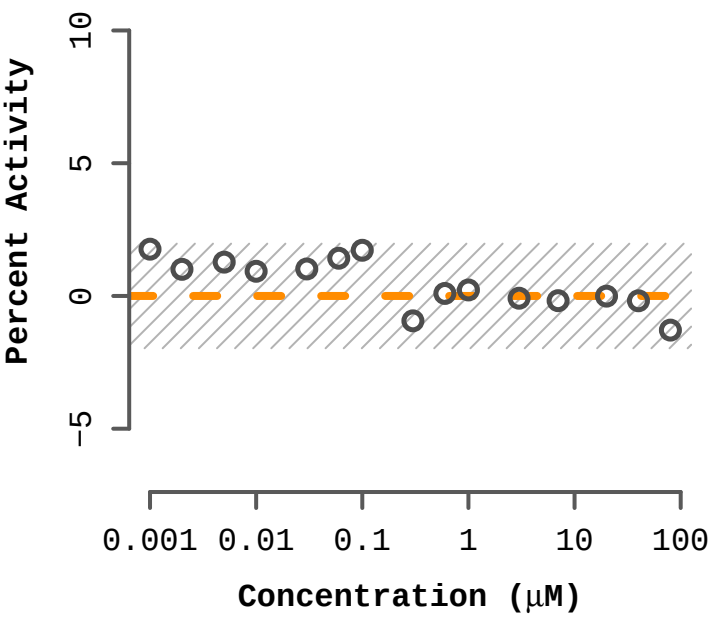
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pentachlorophenol
CHID: 21106 CASRN: 87-86-5
SPID(S): Tox21_202131
M4ID: 11453681

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	69.47	NA	NA	
PROB:	1	NA	NA	
RMSE:	2.26	NA	NA	
MAX_MEAN:	1.15	MAX_MED:	1.15	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenacetin

CHID: 21116 **CASRN:** 62-44-2

SPID(S): Tox21_201926

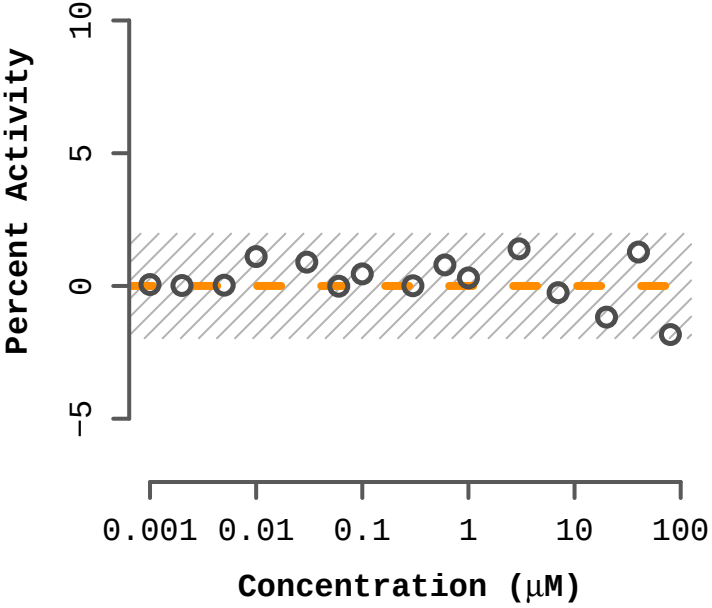
M4ID: 11453886

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.71	NA	NA
PROB:	1	NA	NA
RMSE:	1.01	NA	NA

MAX_MEAN: 1.76 **MAX_MED:** 1.76 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenazone

CHID: 21117 CASRN: 60-80-0

SPID(S): Tox21_201600

M4ID: 11454212

HILL MODEL: Not applicable.

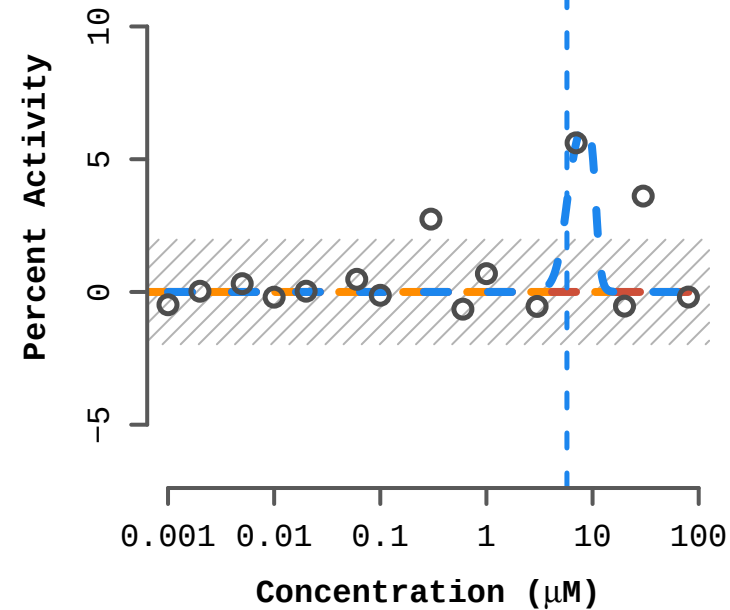
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.3	NA	NA
PROB:	1	NA	NA
RMSE:	0.87	NA	NA

MAX_MEAN: 1.4

MAX_MED: 1.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenazopyridine hydrochloride

CHID: 21118 CASRN: 136-40-3

SPID(S): Tox21_202153

M4ID: 11453659

HILL MODEL (in red):

	tp	ga	gw
val:	1.62e-08	2.35	3.21
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

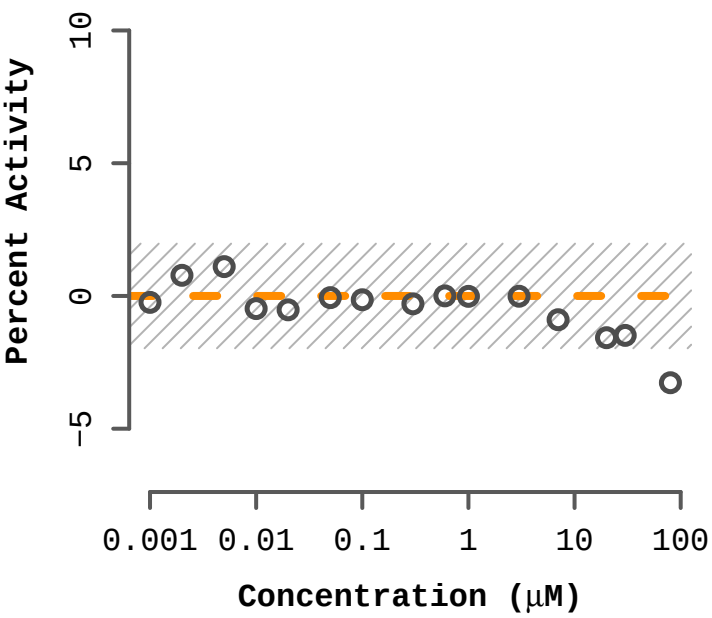
	tp	ga	gw	la	lw
val:	6.74	0.759	8	1.03	17.8
sd:	4.69	0.186	6.17	1.33	103

	CNST	HILL	GNLS
AIC:	57.34	63.34	53.58
PROB:	0.13	0.01	0.86
RMSE:	1.9	1.9	1.23

MAX_MEAN: 5.62

MAX_MED: 5.62

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenformin hydrochloride

CHID: 21121 CASRN: 834-28-6

SPID(S): Tox21_202197

M4ID: 11453615

HILL MODEL: Not applicable.

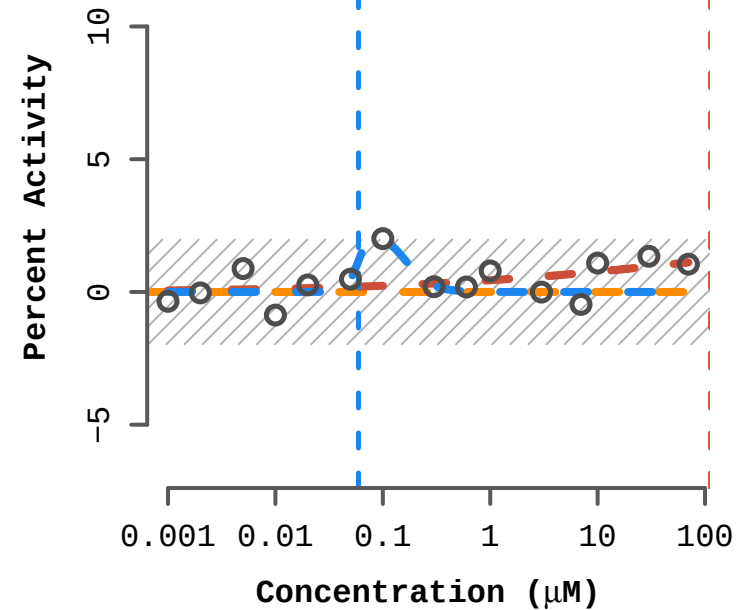
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.94	NA	NA
PROB:	1	NA	NA
RMSE:	1.11	NA	NA

MAX_MEAN: 1.11

MAX_MED: 1.11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenol

CHID: 21124 CASRN: 108-95-2

SPID(S): Tox21_201639

M4ID: 11454173

HILL MODEL (in red):

	tp	ga	gw
val:	2.41	2.05	0.318
sd:	4.12	4.16	0.257

GAIN-LOSS MODEL (in blue):

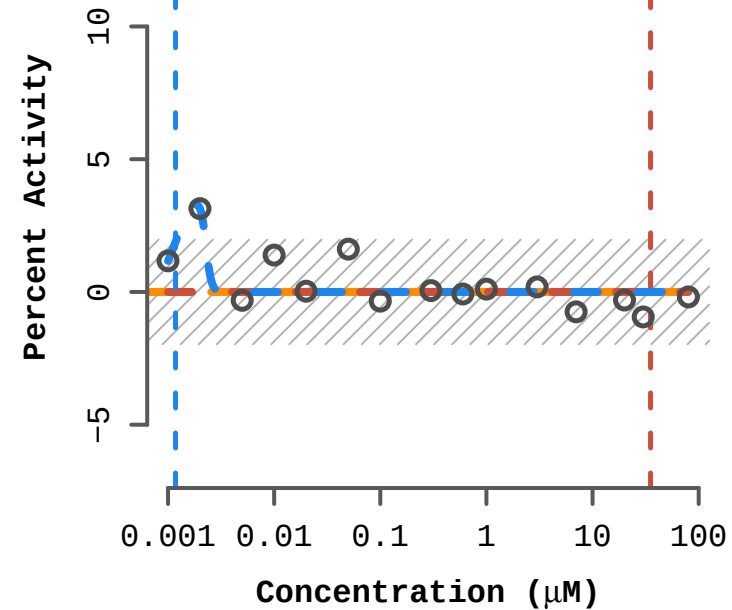
	tp	ga	gw	la	lw
val:	2.41	-1.23	7.99	-0.793	3.48
sd:	6.07	0.417	45.2	1.18	15.2

	CNST	HILL	GNLS
AIC:	40.64	38.72	43.42
PROB:	0.26	0.68	0.06
RMSE:	0.86	0.69	0.67

MAX_MEAN: 2.01

MAX_MED: 2.01

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenolphthalein

CHID: 21125 CASRN: 77-09-8

SPID(S): Tox21_202219

M4ID: 11453593

HILL MODEL (in red):

	tp	ga	gw
val:	9.88e-10	1.55	1.81
sd:	1.53e-05	4430	66600

GAIN-LOSS MODEL (in blue):

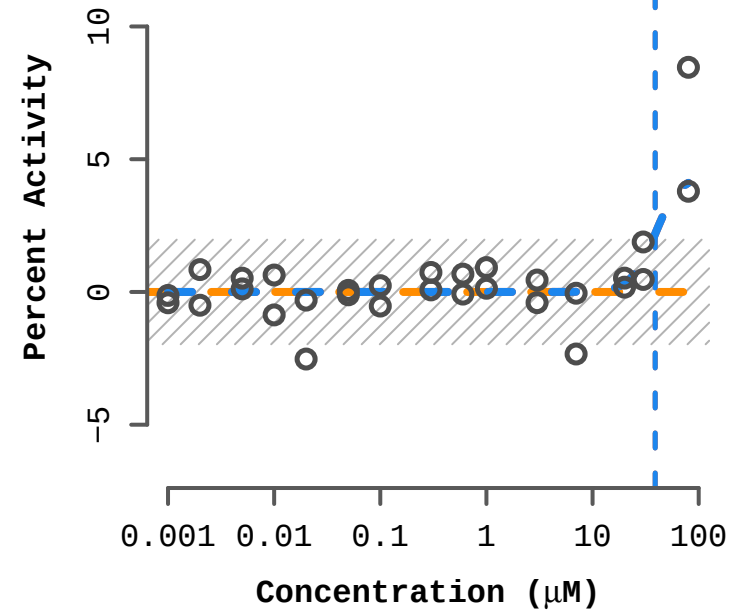
	tp	ga	gw	la	lw
val:	3.77	-2.93	4.86	-2.64	17
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	44.14	50.14	39.39
PROB:	0.08	0	0.91
RMSE:	1.08	1.08	0.65

MAX_MEAN: 3.14

MAX_MED: 3.14

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenothiazine

CHID: 21126 CASRN: 92-84-2

SPID(S): Tox21_400010

M4ID: 11453338

HILL MODEL (in red):

	tp	ga	gw
val:	4.38	1.59	3.77
sd:	1.33	0.197	3.35

GAIN-LOSS MODEL (in blue):

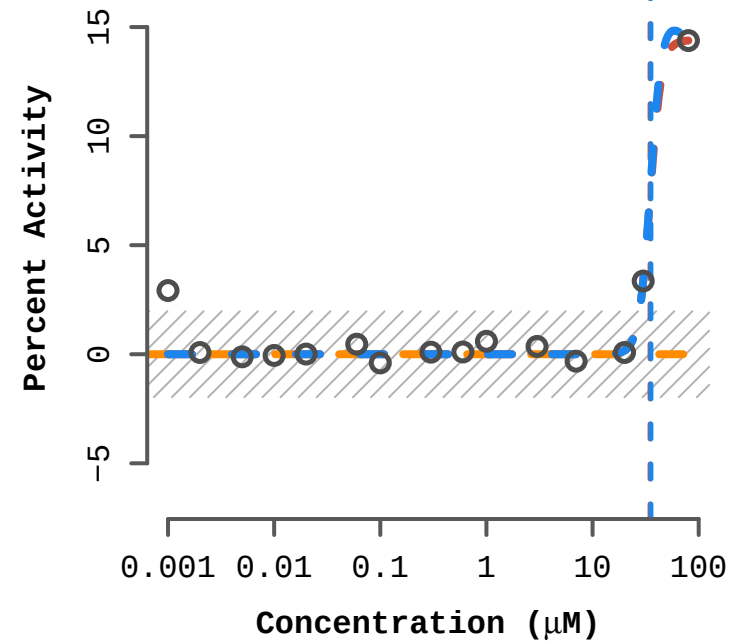
	tp	ga	gw	la	lw
val:	4.38	1.59	3.77	3.88	2.37
sd:	1.36	0.197	3.35	1120	1450

	CNST	HILL	GNLS
AIC:	100.33	84.95	88.95
PROB:	0	0.88	0.12
RMSE:	1.89	1.11	1.11

MAX_MEAN: 6.13

MAX_MED: 6.13

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenoxybenzamine hydrochloride

CHID: 21127 CASRN: 63-92-3

SPID(S): Tox21_201588

M4ID: 11454224

HILL MODEL (in red):

	tp	ga	gw
val:	14.4	1.54	8
sd:	0.242	0.00733	0.674

GAIN-LOSS MODEL (in blue):

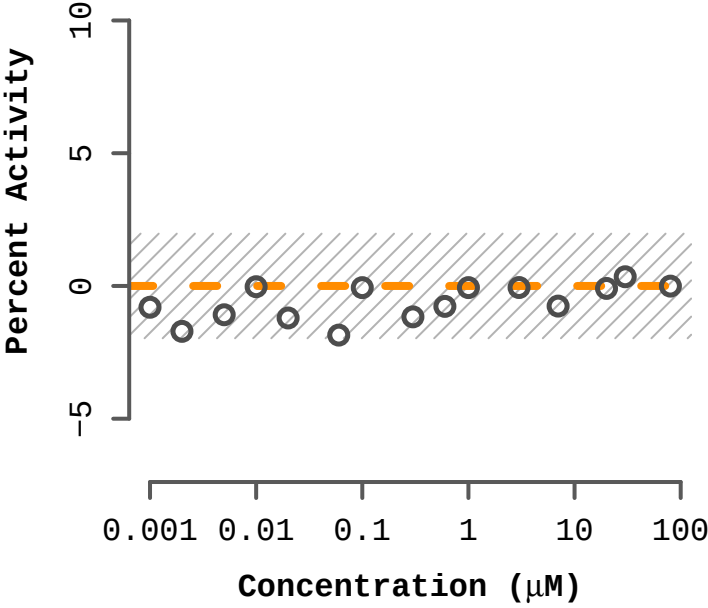
	tp	ga	gw	la	lw
val:	17.3	1.55	8	2.57	1.05
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	64.39	28.25	32.24
PROB:	0	0.88	0.12
RMSE:	3.9	0.8	0.8

MAX_MEAN: 14.4

MAX_MED: 14.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Phenyl-3-methyl-5-pyrazolone

CHID: 21130 CASRN: 89-25-8

SPID(S): Tox21_201747

M4ID: 11454065

HILL MODEL: Not applicable.

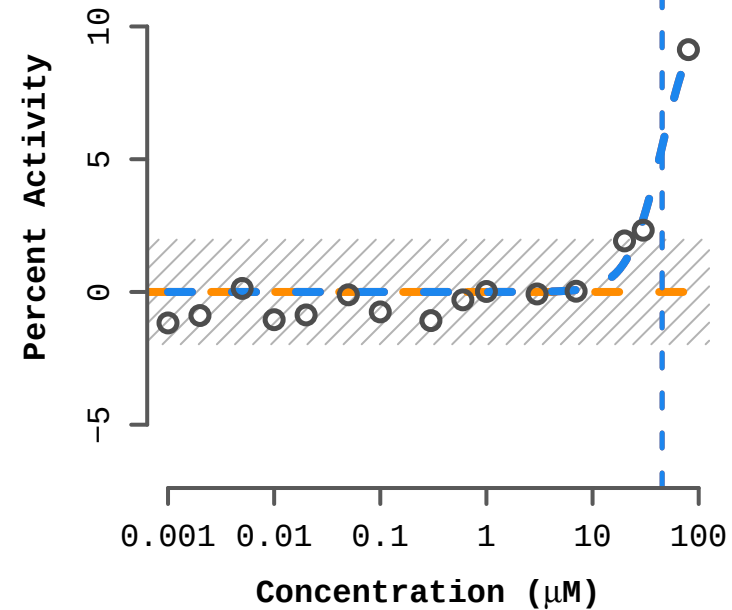
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.37	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA

MAX_MEAN: 0.348

MAX_MED: 0.348

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Phenyl-2-naphthylamine

CHID: 21131 CASRN: 135-88-6

SPID(S): Tox21_201891

M4ID: 11453921

HILL MODEL (in red):

	tp	ga	gw
val:	11	1.66	2.67
sd:	2.48	0.114	1.01

GAIN-LOSS MODEL (in blue):

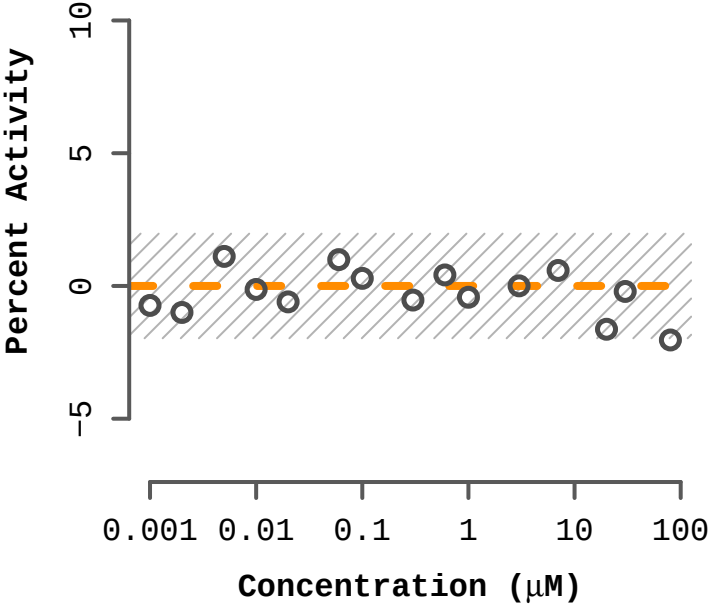
	tp	ga	gw	la	lw
val:	11	1.66	2.67	3.86	4.22
sd:	2.48	0.114	1.01	2060	4440

	CNST	HILL	GNLS
AIC:	60.84	40.02	44.02
PROB:	0	0.88	0.12
RMSE:	2.56	0.67	0.67

MAX_MEAN: 9.13

MAX_MED: 9.13

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Phenyl-2-thiourea

CHID: 21134 **CASRN:** 103-85-5

SPID(S): Tox21_201682

M4ID: 11454130

HILL MODEL: Not applicable.

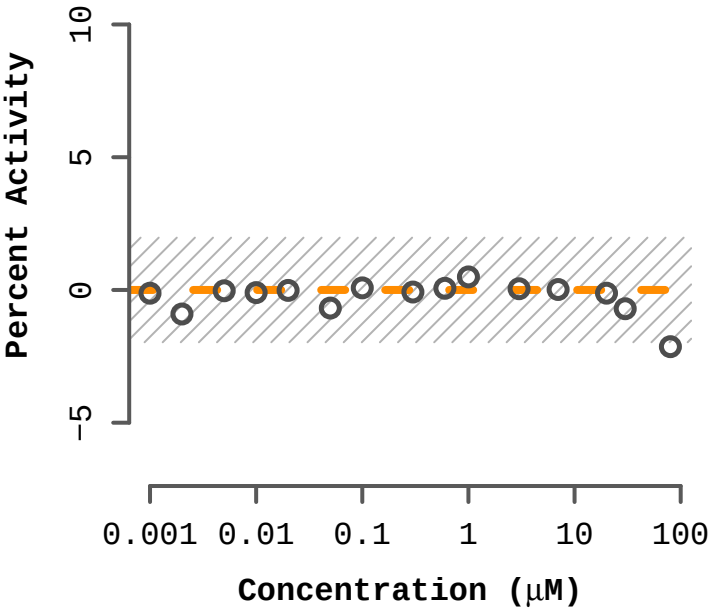
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.91	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA

MAX_MEAN: 1.11

MAX_MED: 1.11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

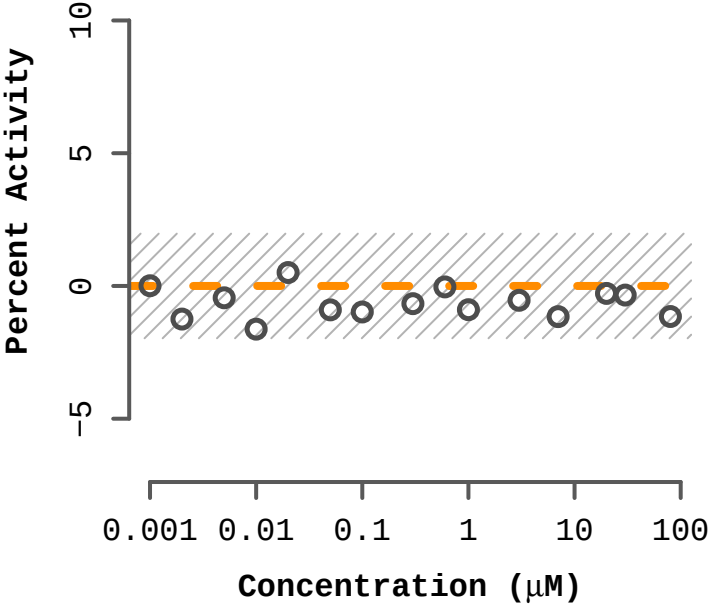
NAME: Phenylbutazone
CHID: 21136 CASRN: 50-33-9
SPID(S): Tox21_201809
M4ID: 11454003

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.93	NA	NA
PROB:	1	NA	NA
RMSE:	0.67	NA	NA

MAX_MEAN: 0.492	MAX_MED: 0.492	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

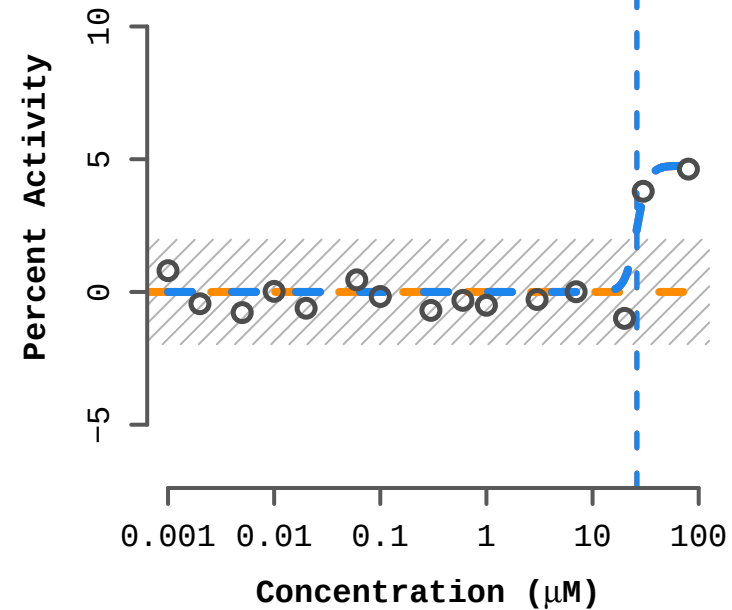
NAME: 1,3-Benzenediamine
CHID: 21137 CASRN: 108-45-2
SPID(S): Tox21_202106
M4ID: 11453706

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.65	NA	NA
PROB:	1	NA	NA
RMSE:	0.85	NA	NA

MAX_MEAN: 0.507 MAX_MED: 0.507 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,4-Benzenediamine

CHID: 21138 CASRN: 106-50-3

SPID(S): Tox21_201993

M4ID: 11453819

HILL MODEL (in red):

	tp	ga	gw
val:	4.75	1.42	8
sd:	0.418	0.0305	3.31

GAIN-LOSS MODEL (in blue):

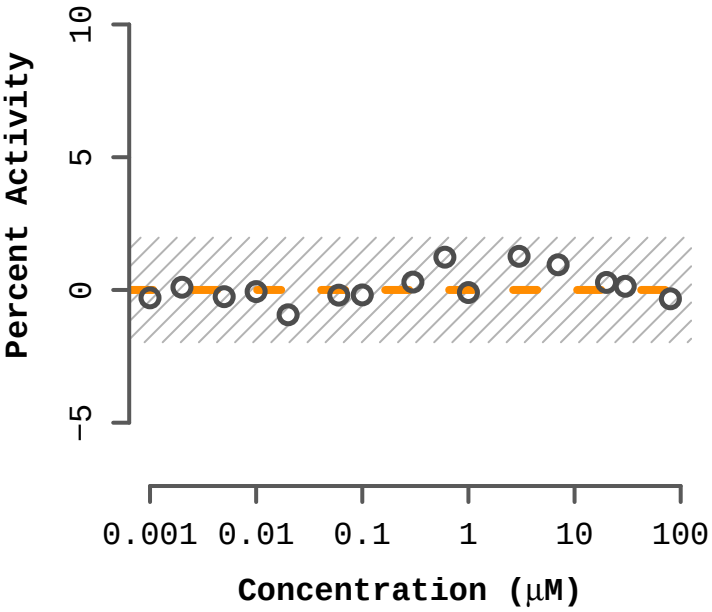
	tp	ga	gw	la	lw
val:	4.75	1.42	8	3.9	17.7
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	52.35	35.14	39.14
PROB:	0	0.88	0.12
RMSE:	1.63	0.59	0.59

MAX_MEAN: 4.63

MAX_MED: 4.63

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenylephrine hydrochloride

CHID: 21142 CASRN: 61-76-7

SPID(S): Tox21_201261

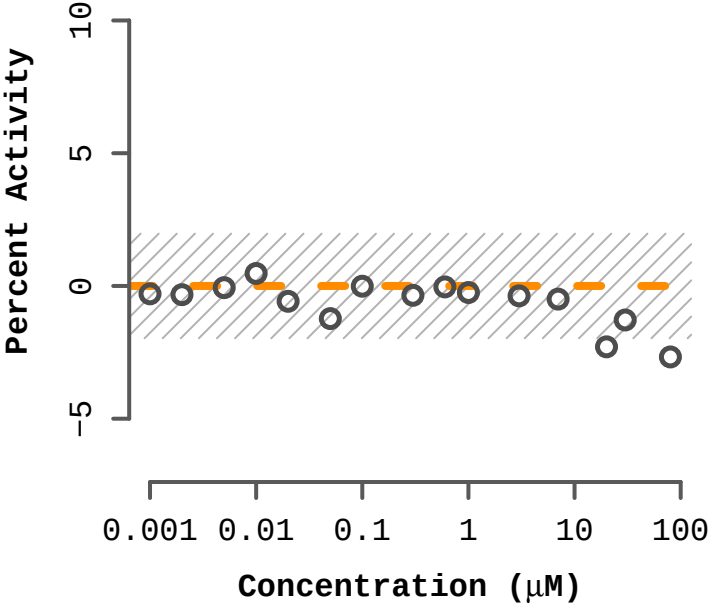
M4ID: 11454551

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.86	NA	NA
PROB:	1	NA	NA
RMSE:	0.6	NA	NA

MAX_MEAN:	1.27	MAX_MED:	1.27	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenylhydrazine

CHID: 21147 **CASRN:** 100-63-0

SPID(S): Tox21_201977

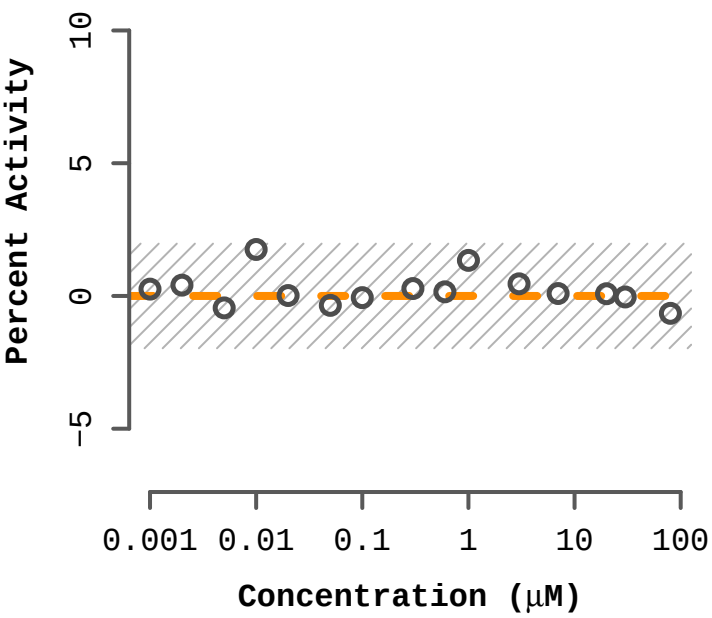
M4ID: 11453835

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.01	NA	NA
PROB:	1	NA	NA
RMSE:	1.06	NA	NA

MAX_MEAN: 0.472 **MAX_MED:** 0.472 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenylhydrazine hydrochloride

CHID: 21148 **CASRN:** 59-88-1

SPID(S): Tox21_202198

M4ID: 11453614

HILL MODEL: Not applicable.

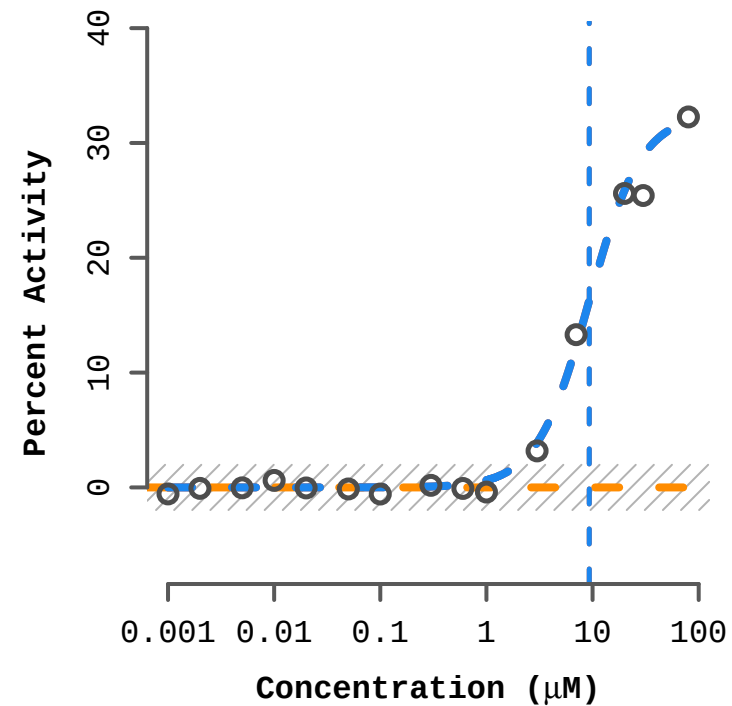
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.22	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 1.75

MAX_MED: 1.75

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenylmercuric acetate

CHID: 21150 CASRN: 62-38-4

SPID(S): Tox21_202241

M4ID: 11453571

HILL MODEL (in red):

	tp	ga	gw
val:	32.6	0.969	1.76
sd:	0.835	0.0335	0.138

GAIN-LOSS MODEL (in blue):

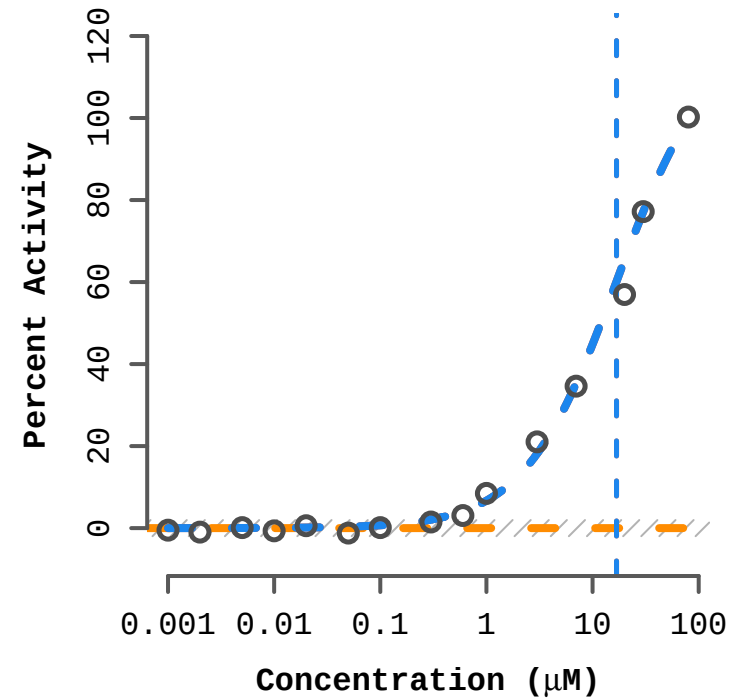
	tp	ga	gw	la	lw
val:	32.6	0.969	1.76	3.07	7.77
sd:	0.835	0.0335	0.138	890	5940

	CNST	HILL	GNLS
AIC:	117.26	44.8	48.8
PROB:	0	0.88	0.12
RMSE:	12.99	1.04	1.04

MAX_MEAN: 32.3

MAX_MED: 32.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Phenylphenol

CHID: 21151 CASRN: 90-43-7

SPID(S): Tox21_202415

M4ID: 11453397

HILL MODEL (in red):

	tp	ga	gw
val:	120	1.23	1
sd:	3.94	0.0378	0.0497

GAIN-LOSS MODEL (in blue):

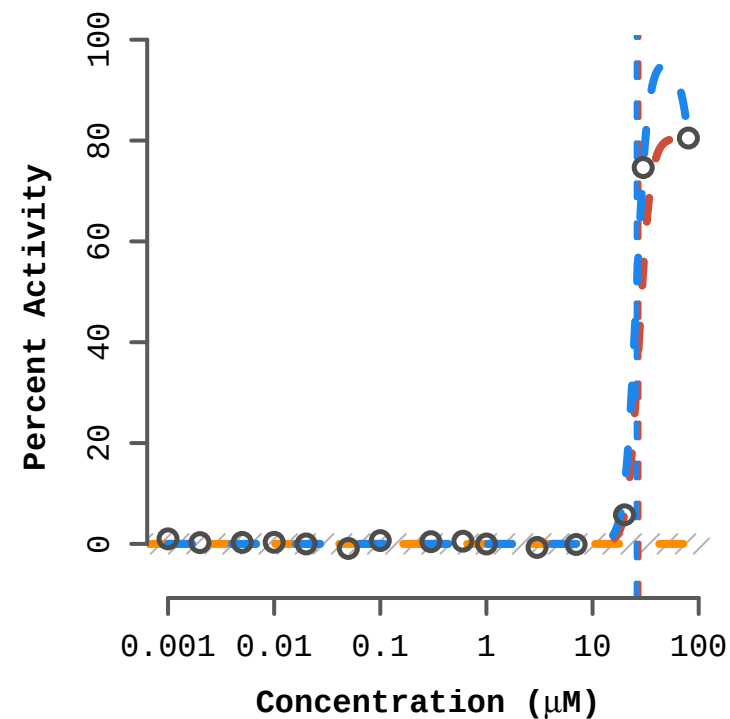
	tp	ga	gw	la	lw
val:	120	1.23	1	2.51	16.5
sd:	3.94	0.0378	0.0497	568	15200

	CNST	HILL	GNLS
AIC:	148.81	68.1	72.1
PROB:	0	0.88	0.12
RMSE:	37.4	2.44	2.44

MAX_MEAN: 100

MAX_MED: 100

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Phenylphenol
CHID: 21152 CASRN: 92-69-3
SPID(S): Tox21_202220
M4ID: 11453592

HILL MODEL (in red):

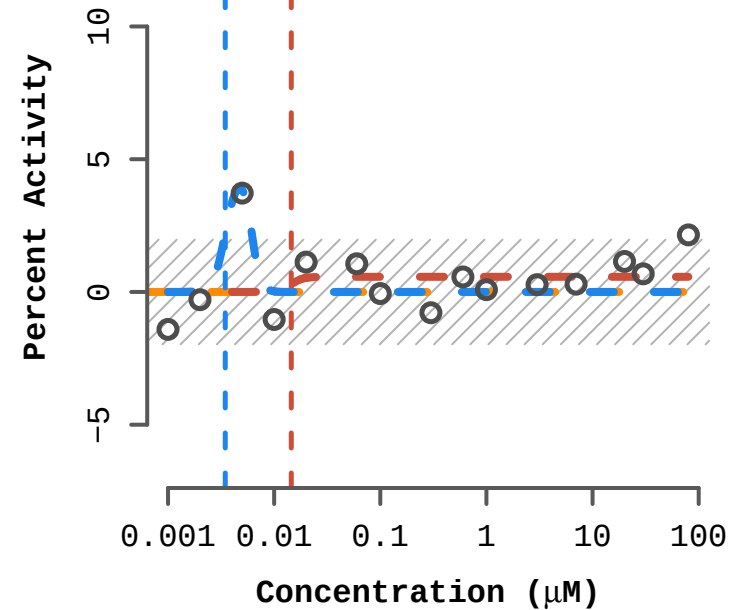
	tp	ga	gw
val:	80.5	1.44	8
sd:	0.535	0.00716	0.328

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	96.6	1.41	8	2.02	5.81
sd:	0.604	0.00412	0.225	0.00591	0.15

	CNST	HILL	GNLS
AIC:	118.18	60.77	51.69
PROB:	0	0.01	0.99
RMSE:	28.39	5.31	1.5

MAX_MEAN: 80.5 MAX_MED: 80.5 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phosphamidon

CHID: 21156 CASRN: 13171-21-6

SPID(S): Tox21_202100

M4ID: 11453712

HILL MODEL (in red):

	tp	ga	gw
val:	0.571	-1.84	8
sd:	0.274	0.214	11.5

GAIN-LOSS MODEL (in blue):

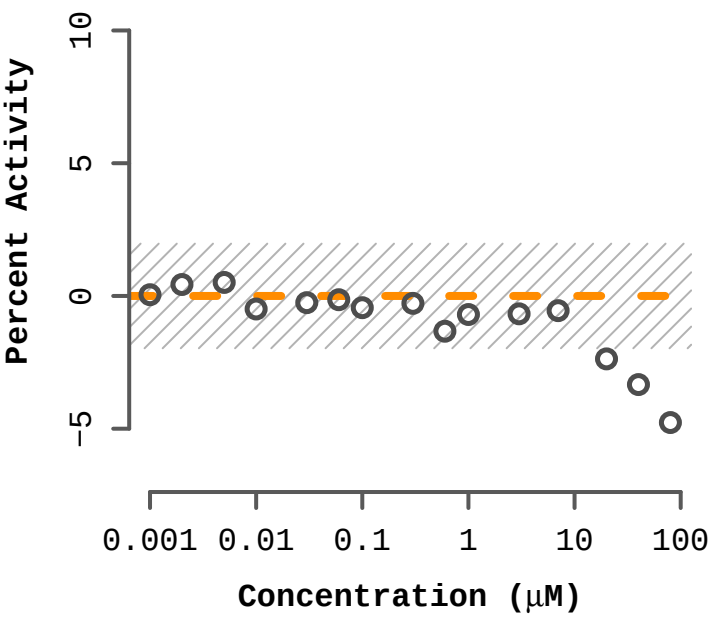
	tp	ga	gw	la	lw
val:	4.47	-2.46	8	-2.21	10.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	51.97	54.17	53.58
PROB:	0.56	0.19	0.25
RMSE:	1.34	1.24	0.94

MAX_MEAN: 3.72

MAX_MED: 3.72

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Picloram

CHID: 21160 **CASRN:** 1918-02-1

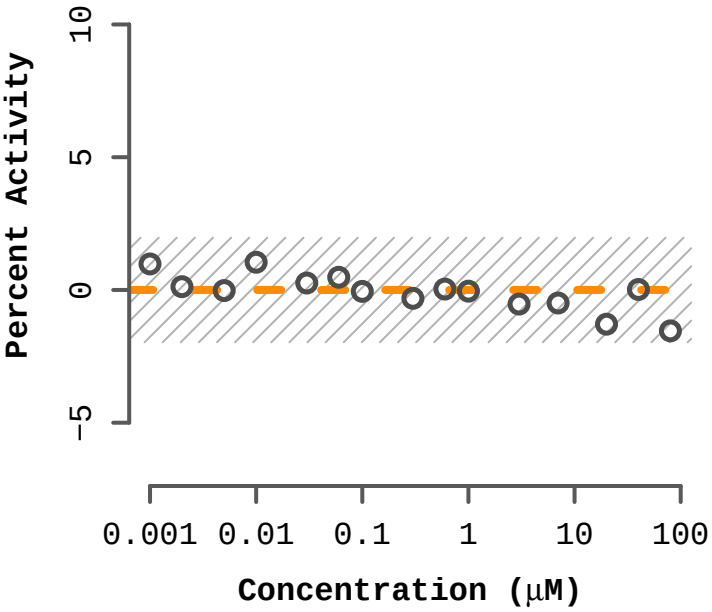
SPID(S): Tox21_201298

M4ID: 11454514

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	56.53	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.7	NA	NA	
MAX_MEAN:	0.51	MAX_MED:	0.51	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Piperazine

CHID: 21164 **CASRN:** 110-85-0

SPID(S): Tox21_202242

M4ID: 11453570

HILL MODEL: Not applicable.

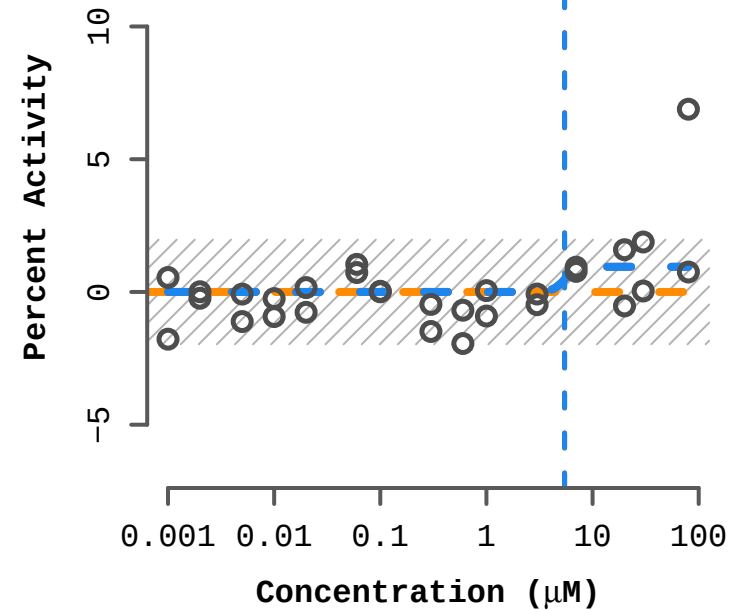
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.9	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA

MAX_MEAN: 1.04

MAX_MED: 1.04

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Piperonyl butoxide

CHID: 21166 CASRN: 51-03-6

SPID(S): Tox21_400086

M4ID: 11453262

HILL MODEL (in red):

	tp	ga	gw
val:	0.948	0.736	8
sd:	0.433	0.273	13.8

GAIN-LOSS MODEL (in blue):

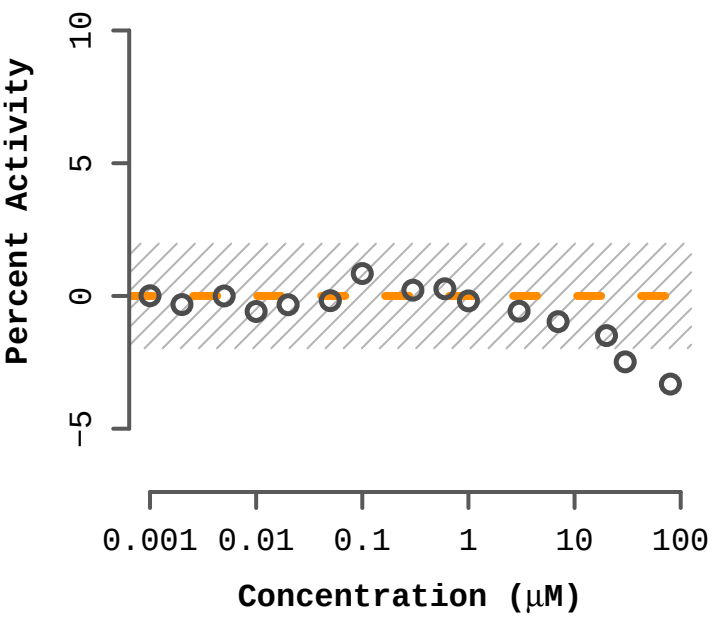
	tp	ga	gw	la	lw
val:	0.948	0.736	8	2.39	17.8
sd:	0.433	0.273	13.8	1550	55800

	CNST	HILL	GNLS
AIC:	96.82	96.37	100.37
PROB:	0.41	0.52	0.07
RMSE:	1.54	1.36	1.36

MAX_MEAN: 3.82

MAX_MED: 3.82

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Praziquantel

CHID: 21182 **CASRN:** 55268-74-1

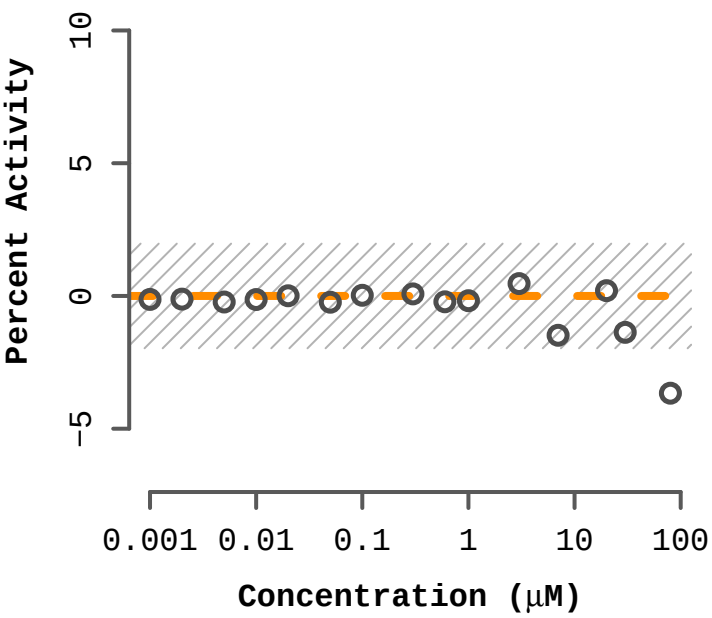
SPID(S): Tox21_201950

M4ID: 11453862

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	47.06	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.21	NA	NA	
MAX_MEAN:	0.846	MAX_MED:	0.846	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Prednisolone

CHID: 21184 **CASRN:** 50-24-8

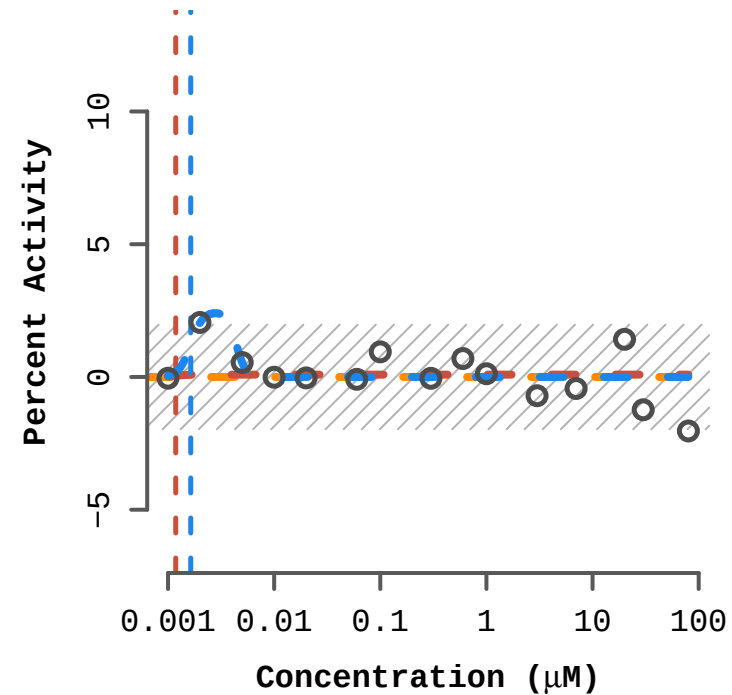
SPID(S): Tox21_201673

M4ID: 11454139

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.21	NA	NA
PROB:	1	NA	NA
RMSE:	1.09	NA	NA
MAX_MEAN: 0.468		MAX_MED: 0.468	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Prednisone

CHID: 21185 CASRN: 53-03-2

SPID(S): Tox21_201564

M4ID: 11454248

HILL MODEL (in red):

	tp	ga	gw
val:	0.0879	-2.93	8
sd:	0.247	1.06	49.1

GAIN-LOSS MODEL (in blue):

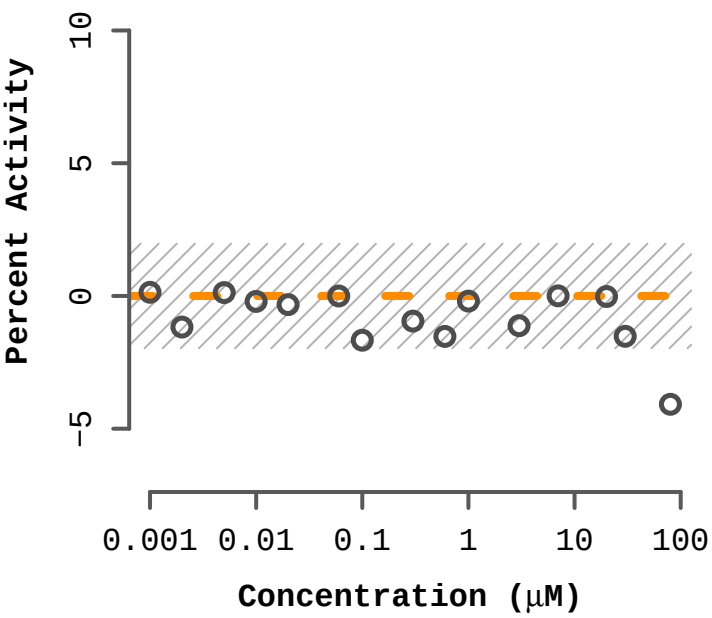
	tp	ga	gw	la	lw
val:	2.47	-2.79	7.86	-2.36	9.81
sd:	3.31	0.339	12.7	0.188	29.9

	CNST	HILL	GNLS
AIC:	43.8	49.67	46.91
PROB:	0.79	0.04	0.17
RMSE:	0.98	0.97	0.81

MAX_MEAN: 2.05

MAX_MED: 2.05

BMAD: 0.657



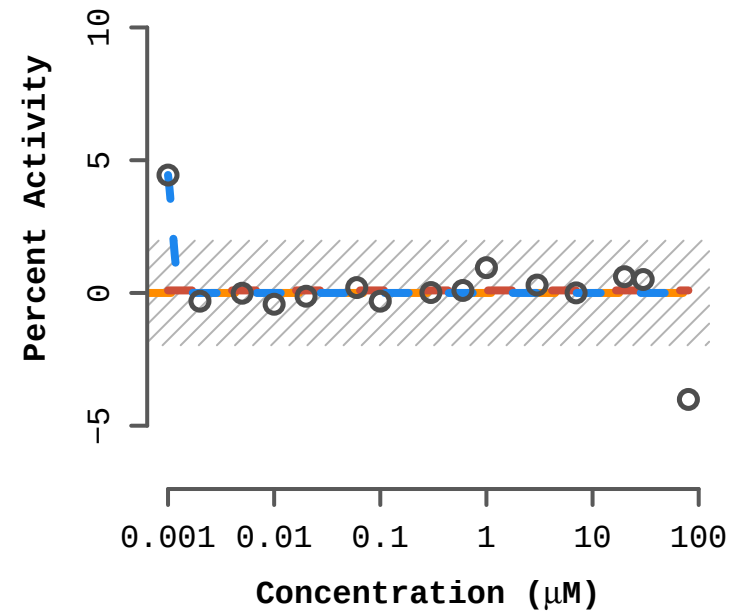
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Probenecid
CHID: 21188 CASRN: 57-66-9
SPID(S): Tox21_202110
M4ID: 11453702

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	50.77	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.36	NA	NA	
MAX_MEAN:	0.139	MAX_MED:	0.139	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Promethazine hydrochloride

CHID: 21192 CASRN: 58-33-3

SPID(S): Tox21_202264

M4ID: 11453548

HILL MODEL (in red):

	tp	ga	gw
val:	0.0958	-4.25	7.1
sd:	0.162	16400	93500

GAIN-LOSS MODEL (in blue):

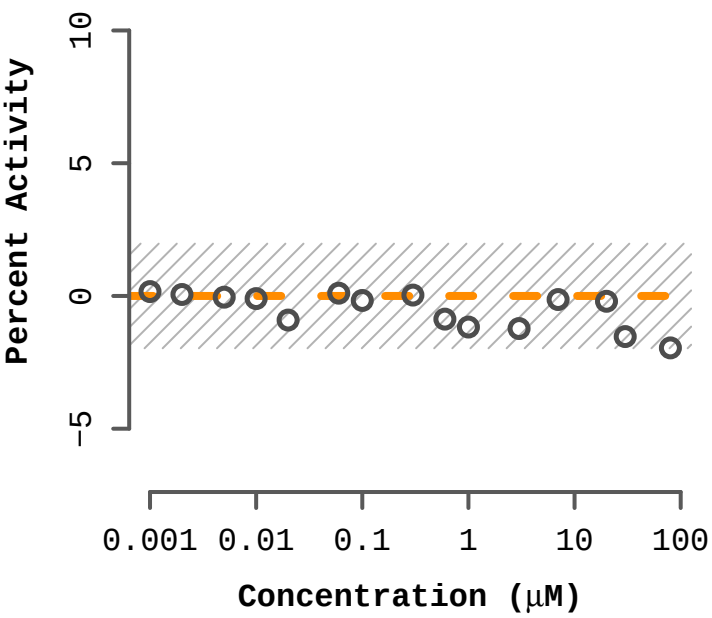
	tp	ga	gw	la	lw
val:	5.33	-4.02	3.13	-2.96	17.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	48.22	53.87	42.46
PROB:	0.05	0	0.94
RMSE:	1.59	1.58	1.1

MAX_MEAN: 4.44

MAX_MED: 4.44

BMAD: 0.657



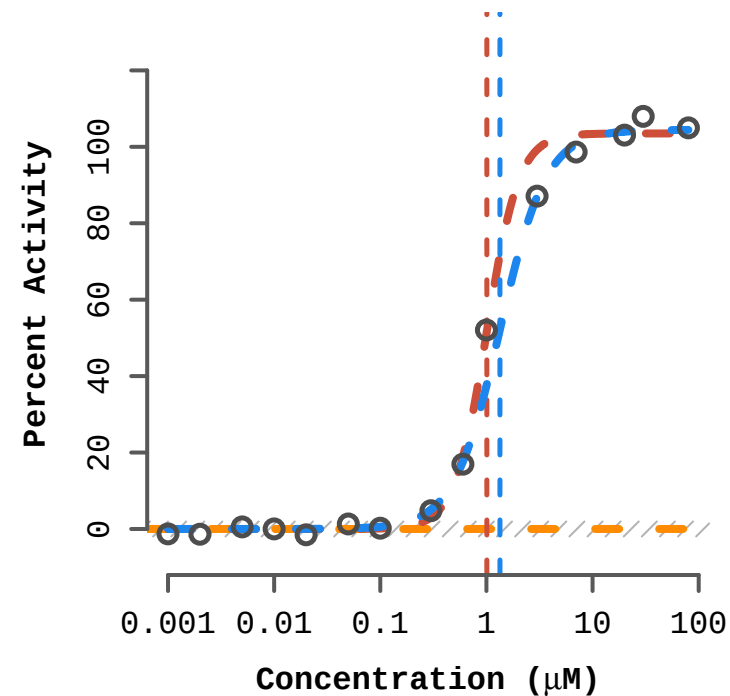
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Propane sultone
CHID: 21195 CASRN: 1120-71-4
SPID(S): Tox21_201419
M4ID: 11454393

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.13	NA	NA
PROB:	1	NA	NA
RMSE:	0.85	NA	NA
MAX_MEAN:	0.166	MAX_MED: 0.166	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propazine

CHID: 21196 CASRN: 139-40-2

SPID(S): Tox21_201394

M4ID: 11454418

HILL MODEL (in red):

	tp	ga	gw
val:	104	0.00404	2.89
sd:	1.49	0.0139	0.445

GAIN-LOSS MODEL (in blue):

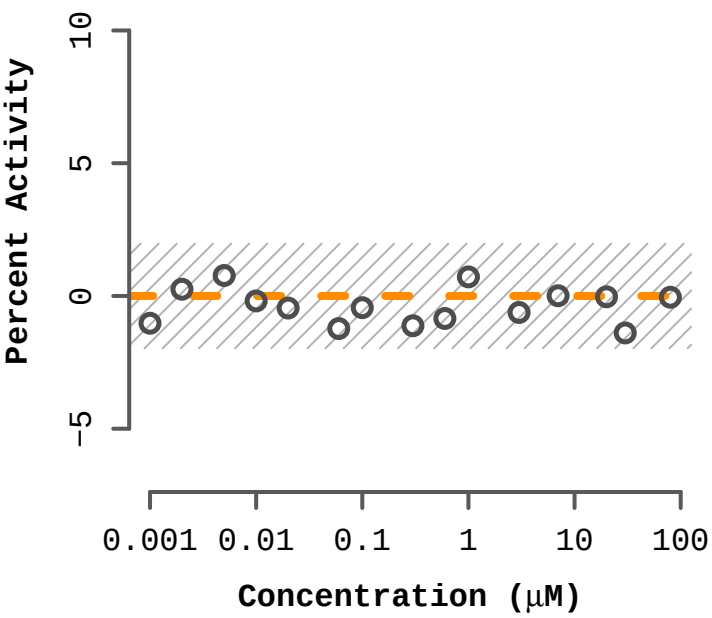
	tp	ga	gw	la	lw
val:	104	0.127	1.99	3.45	12.2
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	167.45	83.15	80.89
PROB:	0	0.24	0.76
RMSE:	59.81	3.7	4.02

MAX_MEAN: 108

MAX_MED: 108

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propranolol hydrochloride

CHID: 21198 **CASRN:** 318-98-9

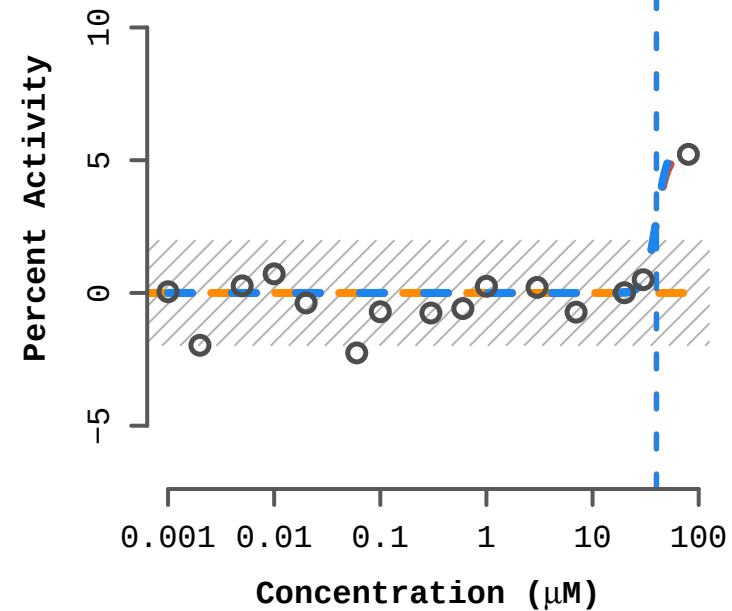
SPID(S): Tox21_201886

M4ID: 11453926

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	37.76	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.75	NA	NA	
MAX_MEAN:	0.772	MAX_MED:	0.772	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pebulate

CHID: 21199 CASRN: 1114-71-2

SPID(S): Tox21_201796

M4ID: 11454016

HILL MODEL (in red):

	tp	ga	gw
val:	5.24	1.6	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

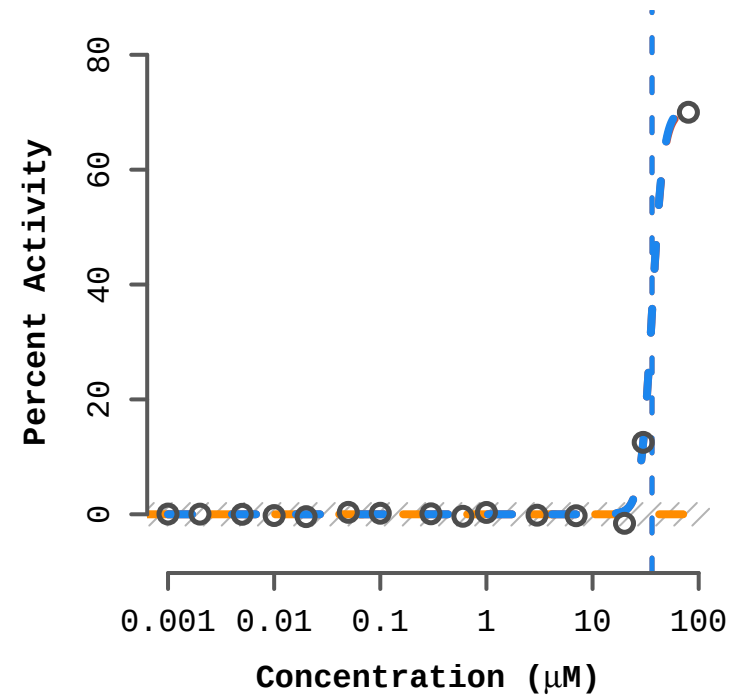
	tp	ga	gw	la	lw
val:	5.71	1.6	8	2.12	4.78
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	52.49	44.59	48.59
PROB:	0.02	0.87	0.12
RMSE:	1.62	0.88	0.88

MAX_MEAN: 5.22

MAX_MED: 5.22

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propyl gallate

CHID: 21201 CASRN: 121-79-9

SPID(S): Tox21_202286

M4ID: 11453526

HILL MODEL (in red):

	tp	ga	gw
val:	70.1	1.56	8
sd:	0.291	0.00379	0.112

GAIN-LOSS MODEL (in blue):

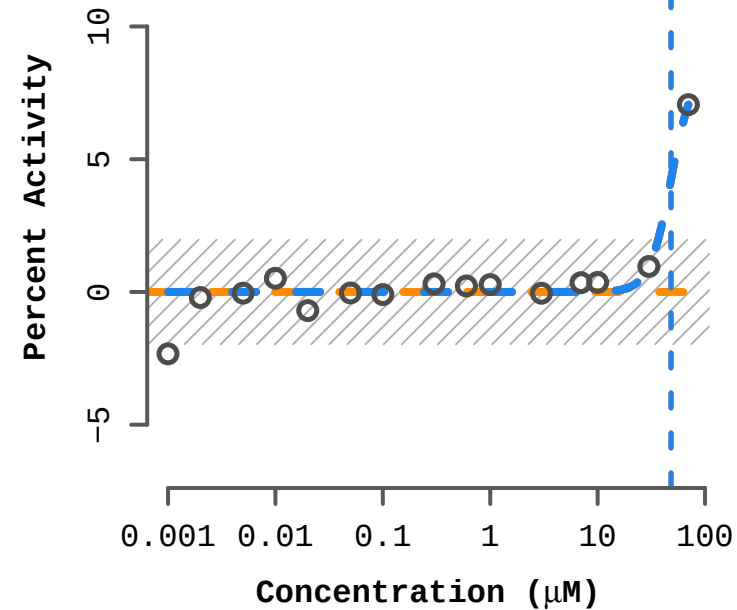
	tp	ga	gw	la	lw
val:	70.6	1.56	8	2.02	18
sd:	0.343	0.00379	0.114	0.0163	2.58

	CNST	HILL	GNLS
AIC:	87.5	22.06	26.05
PROB:	0	0.88	0.12
RMSE:	18.37	0.6	0.6

MAX_MEAN: 70

MAX_MED: 70

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Propylene glycol

CHID: 21206 CASRN: 57-55-6

SPID(S): Tox21_201812

M4ID: 11454000

HILL MODEL (in red):

	tp	ga	gw
val:	8.47	1.68	4.31
sd:	4.93	0.224	3.49

GAIN-LOSS MODEL (in blue):

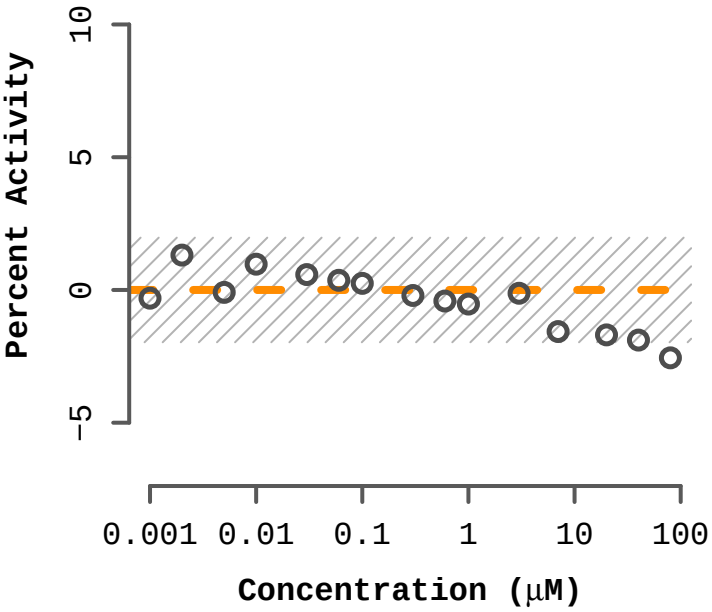
	tp	ga	gw	la	lw
val:	8.47	1.68	4.31	3.84	4.66
sd:	4.92	0.224	3.48	24600	57400

	CNST	HILL	GNLS
AIC:	48.34	28.77	32.77
PROB:	0	0.88	0.12
RMSE:	1.96	0.67	0.67

MAX_MEAN: 7.06

MAX_MED: 7.06

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

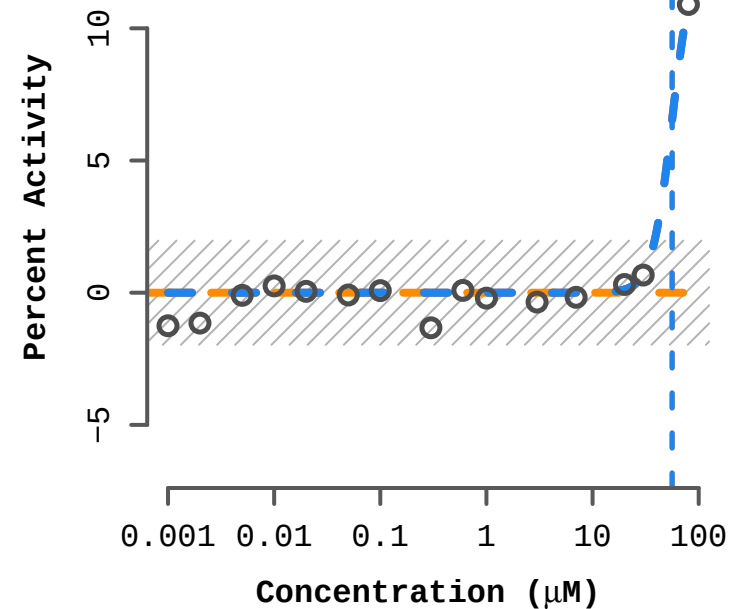
NAME: 6-Propyl-2-thiouracil
CHID: 21209 CASRN: 51-52-5
SPID(S): Tox21_201741
M4ID: 11454071

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.6	NA	NA
PROB:	1	NA	NA
RMSE:	1.13	NA	NA

MAX_MEAN: 1.31	MAX_MED: 1.31	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pyrazinamide

CHID: 21215 CASRN: 98-96-4

SPID(S): Tox21_202059

M4ID: 11453753

HILL MODEL (in red):

	tp	ga	gw
val:	13.1	1.75	4.55
sd:	2.08	0.0613	1.12

GAIN-LOSS MODEL (in blue):

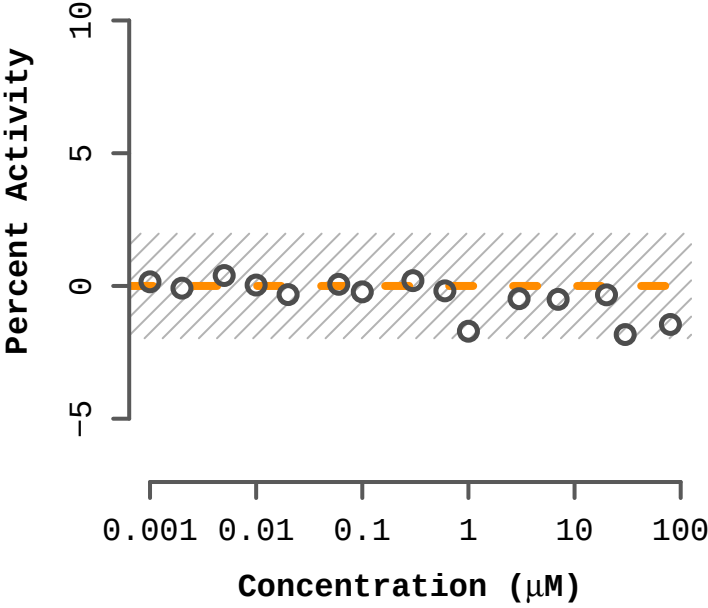
	tp	ga	gw	la	lw
val:	13.1	1.75	4.55	3.9	5.99
sd:	2.08	0.0612	1.12	269000	794000

	CNST	HILL	GNLS
AIC:	51.82	30.42	34.42
PROB:	0	0.88	0.12
RMSE:	2.88	0.58	0.58

MAX_MEAN: 10.9

MAX_MED: 10.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pyrimethamine

CHID: 21217 CASRN: 58-14-0

SPID(S): Tox21_201834

M4ID: 11453978

HILL MODEL: Not applicable.

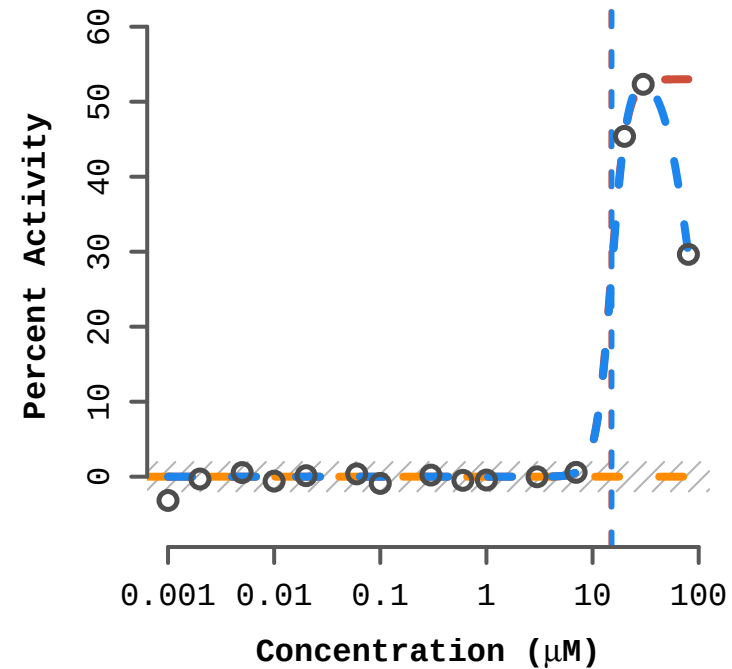
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.12	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA

MAX_MEAN: 0.395

MAX_MED: 0.395

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Quercetin

CHID: 21218 CASRN: 117-39-5

SPID(S): Tox21_202308

M4ID: 11453504

HILL MODEL (in red):

	tp	ga	gw
val:	53	1.17	6.06
sd:	0.675	0.00971	0.44

GAIN-LOSS MODEL (in blue):

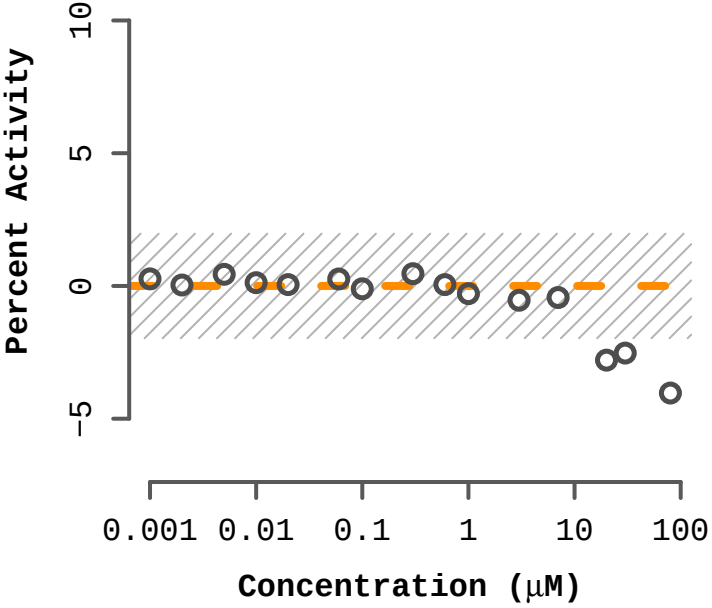
	tp	ga	gw	la	lw
val:	55.1	1.18	5.84	1.92	3.32
sd:	0.483	0.00593	0.214	0.00636	0.307

	CNST	HILL	GNLS
AIC:	123.77	68.8	41.19
PROB:	0	0	1
RMSE:	19.47	6.09	0.9

MAX_MEAN: 52.3

MAX_MED: 52.3

BMAD: 0.657



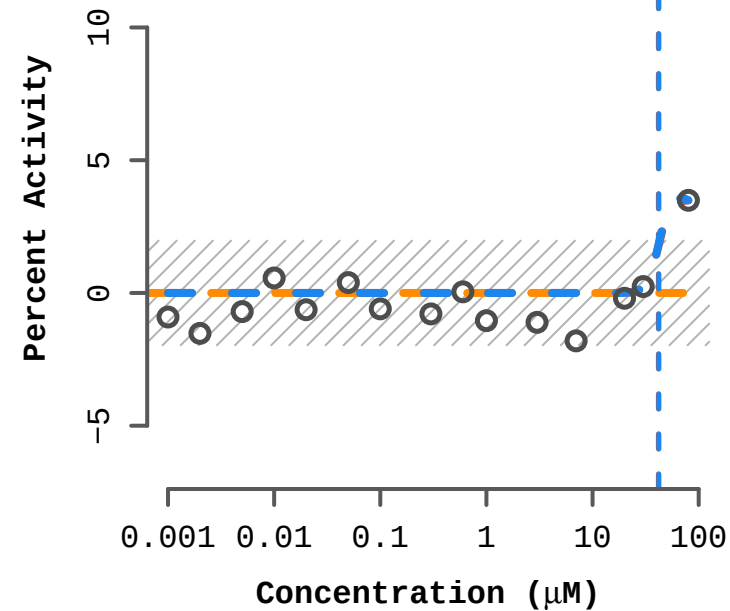
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: C.I. Acid Red 114
CHID: 21224 CASRN: 6459-94-5
SPID(S): Tox21_202139
M4ID: 11453673

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.93	NA	NA
PROB:	1	NA	NA
RMSE:	1.45	NA	NA
MAX_MEAN:	0.465	MAX_MED: 0.465	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Reserpine

CHID: 21237 CASRN: 50-55-5

SPID(S): Tox21_202395

M4ID: 11453417

HILL MODEL (in red):

	tp	ga	gw
val:	3.51	1.62	8
sd:	0.957	0.703	35.7

GAIN-LOSS MODEL (in blue):

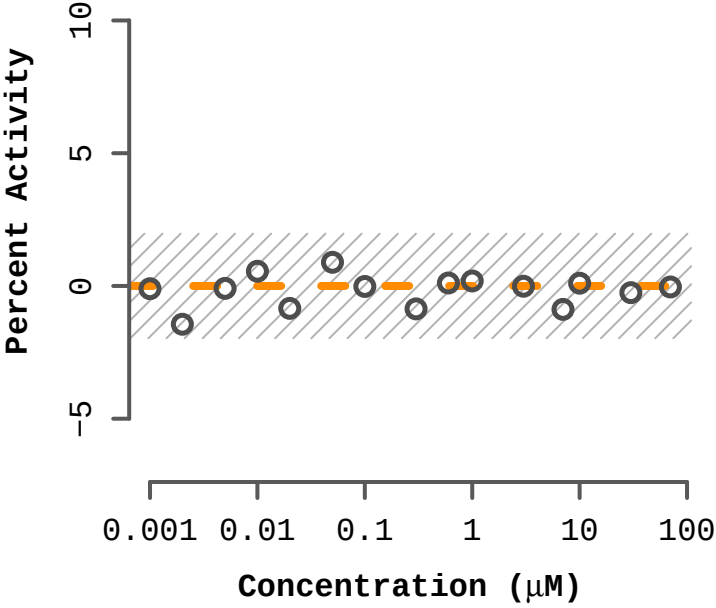
	tp	ga	gw	la	lw
val:	3.81	1.63	8	2.19	3.76
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	49.94	47.34	51.34
PROB:	0.19	0.71	0.1
RMSE:	1.25	0.86	0.86

MAX_MEAN: 3.49

MAX_MED: 3.49

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Resorcinol

CHID: 21238 **CASRN:** 108-46-3

SPID(S): Tox21_202417

M4ID: 11453395

HILL MODEL: Not applicable.

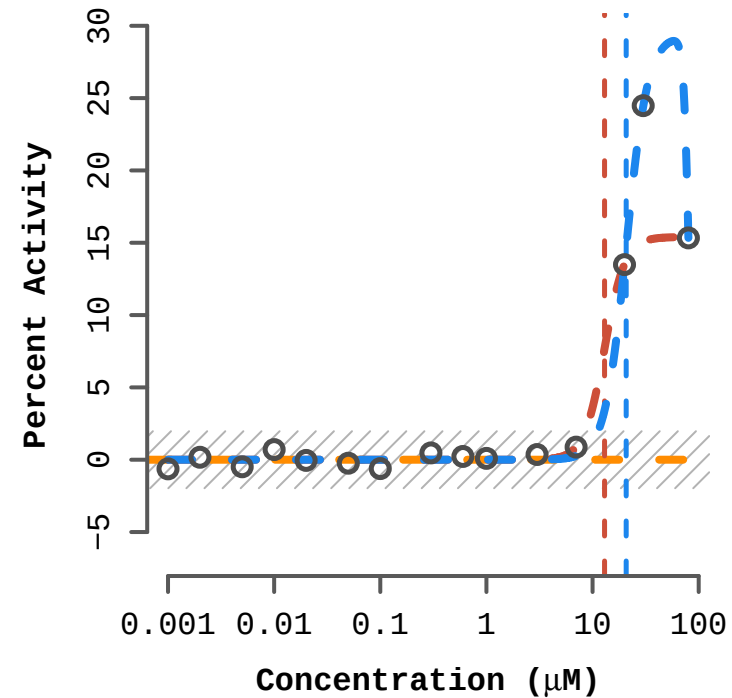
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.47	NA	NA
PROB:	1	NA	NA
RMSE:	0.61	NA	NA

MAX_MEAN: 0.892

MAX_MED: 0.892

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: all-trans-Retinoic acid

CHID: 21239 CASRN: 302-79-4

SPID(S): Tox21_202330

M4ID: 11453482

HILL MODEL (in red):

	tp	ga	gw
val:	15.4	1.11	4.55
sd:	0.374	0.0248	0.504

GAIN-LOSS MODEL (in blue):

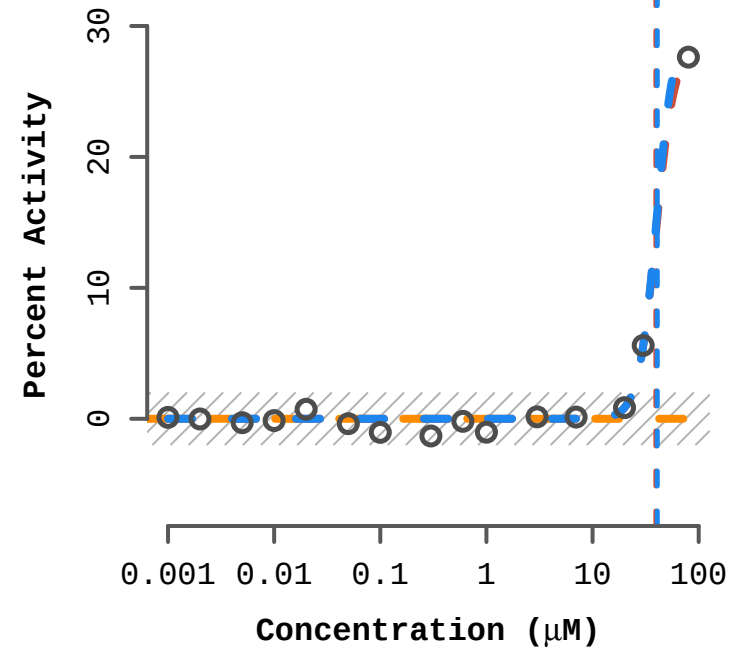
	tp	ga	gw	la	lw
val:	29.4	1.32	4.32	1.91	17.9
sd:	0.595	0.00632	0.303	0.00438	11

	CNST	HILL	GNLS
AIC:	97.67	47.24	28.51
PROB:	0	0	1
RMSE:	8.24	2.46	0.4

MAX_MEAN: 24.5

MAX_MED: 24.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Retinol acetate

CHID: 21240 CASRN: 127-47-9

SPID(S): Tox21_201423

M4ID: 11454389

HILL MODEL (in red):

	tp	ga	gw
val:	28.4	1.6	5.11
sd:	0.384	0.00901	0.272

GAIN-LOSS MODEL (in blue):

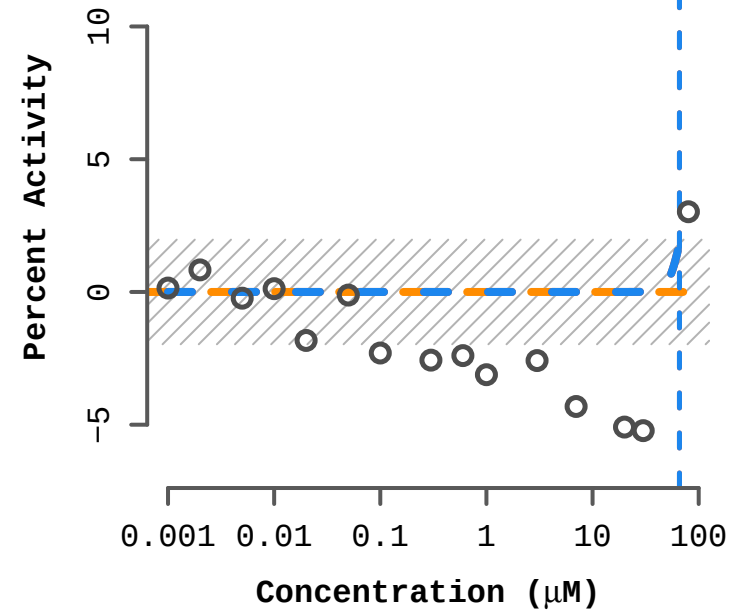
	tp	ga	gw	la	lw
val:	32	1.61	5.06	2.15	3.77
sd:	1.19	0.00896	0.274	0.0229	0.765

	CNST	HILL	GNLS
AIC:	74.6	31.64	35.64
PROB:	0	0.88	0.12
RMSE:	7.3	0.56	0.56

MAX_MEAN: 27.6

MAX_MED: 27.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Rhodamine 6G

CHID: 21243 CASRN: 989-38-8

SPID(S): Tox21_201597

M4ID: 11454215

HILL MODEL (in red):

	tp	ga	gw
val:	3.63	1.82	8
sd:	10.8	0.786	21.3

GAIN-LOSS MODEL (in blue):

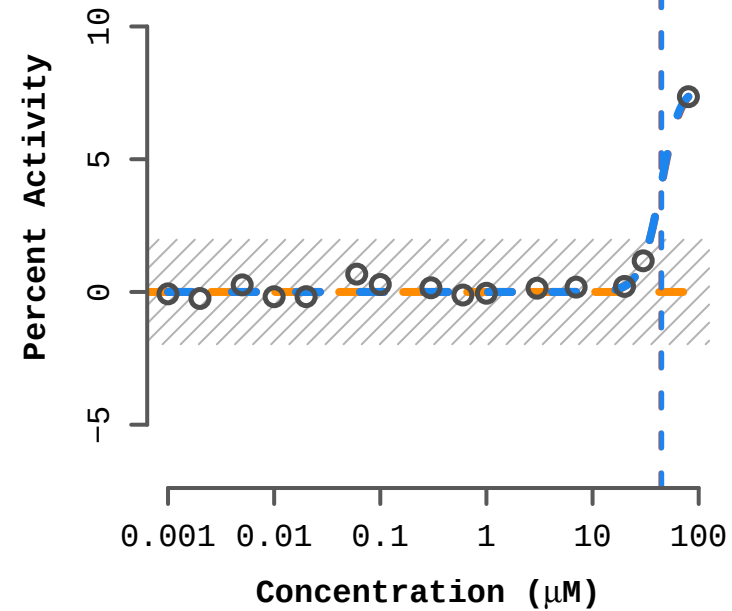
	tp	ga	gw	la	lw
val:	3.63	1.82	8	2.67	8.04
sd:	10.7	0.773	21.2	1170	12300

	CNST	HILL	GNLS
AIC:	77.26	81.55	85.55
PROB:	0.88	0.1	0.01
RMSE:	2.82	2.71	2.71

MAX_MEAN: 3.02

MAX_MED: 3.02

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Rifampicin

CHID: 21244 CASRN: 13292-46-1

SPID(S): Tox21_201385

M4ID: 11454427

HILL MODEL (in red):

	tp	ga	gw
val:	7.85	1.64	4.53
sd:	0.352	0.0292	0.614

GAIN-LOSS MODEL (in blue):

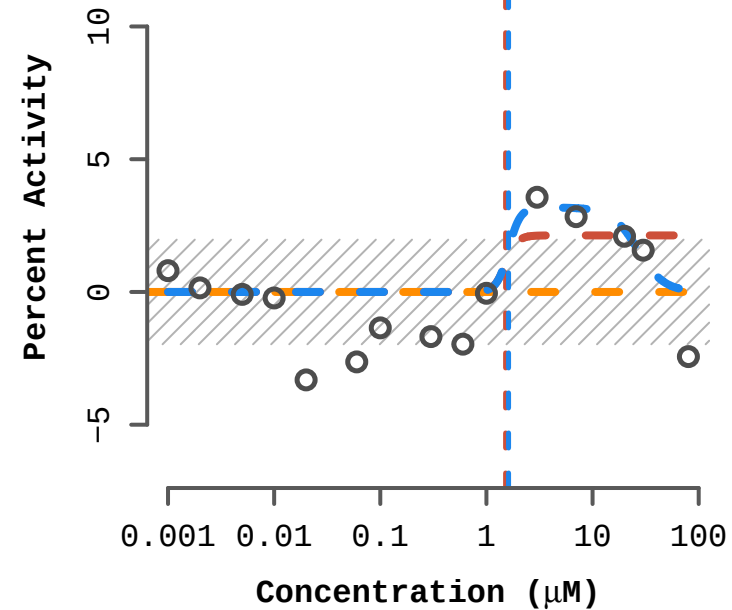
	tp	ga	gw	la	lw
val:	8.83	1.65	4.54	2.88	0.947
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	37.52	5.65	9.65
PROB:	0	0.88	0.12
RMSE:	1.94	0.23	0.23

MAX_MEAN: 7.36

MAX_MED: 7.36

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Rotenone

CHID: 21248 CASRN: 83-79-4

SPID(S): Tox21_201904

M4ID: 11453908

HILL MODEL (in red):

	tp	ga	gw
val:	2.13	0.181	8
sd:	0.719	0.426	13.5

GAIN-LOSS MODEL (in blue):

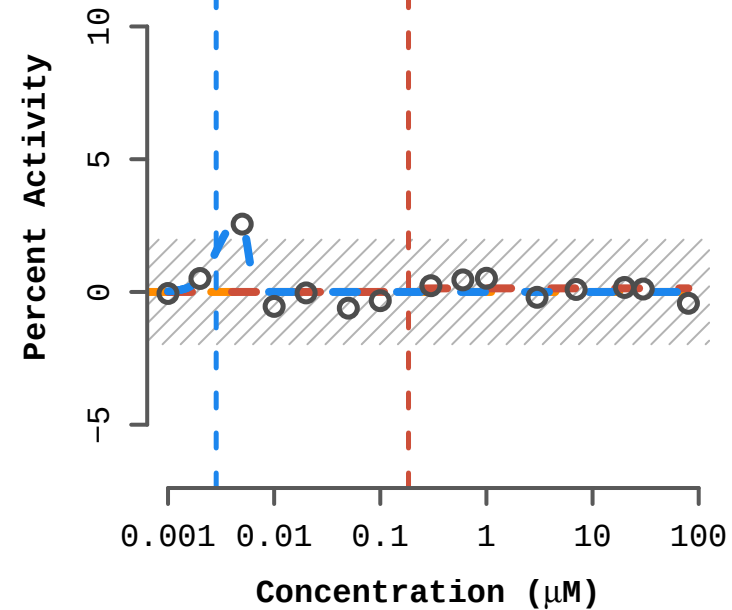
	tp	ga	gw	la	lw
val:	3.18	0.209	8	1.43	3.54
sd:	0.848	0.383	12.1	0.173	3.6

	CNST	HILL	GNLS
AIC:	67.54	68.27	66.73
PROB:	0.31	0.22	0.47
RMSE:	2.01	1.84	1.5

MAX_MEAN: 3.57

MAX_MED: 3.57

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Saccharin

CHID: 21251 CASRN: 81-07-2

SPID(S): Tox21_201880

M4ID: 11453932

HILL MODEL (in red):

	tp	ga	gw
val:	0.136	-0.734	8
sd:	0.143	0.801	26.2

GAIN-LOSS MODEL (in blue):

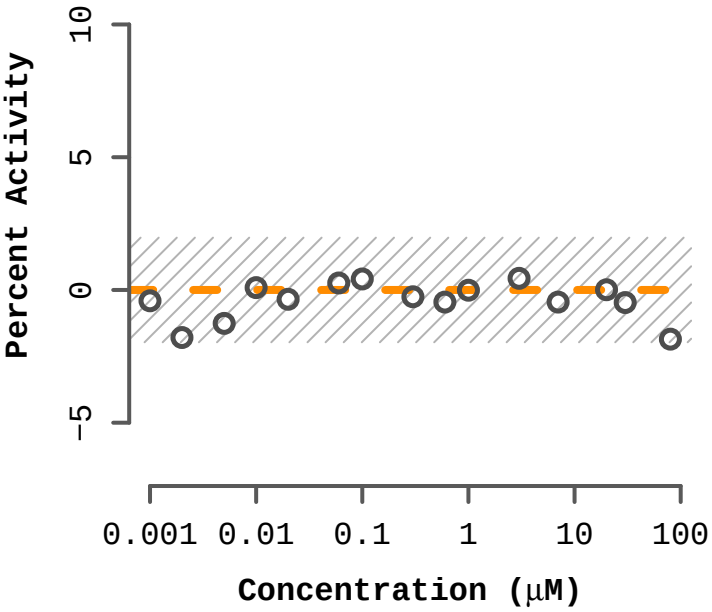
	tp	ga	gw	la	lw
val:	3.07	-2.55	4.68	-2.24	15.8
sd:	6.64	0.993	22.4	0.0665	66.3

	CNST	HILL	GNLS
AIC:	28.22	33.37	22.15
PROB:	0.05	0	0.95
RMSE:	0.75	0.74	0.32

MAX_MEAN: 2.56

MAX_MED: 2.56

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Safrole

CHID: 21254 CASRN: 94-59-7

SPID(S): Tox21_202439

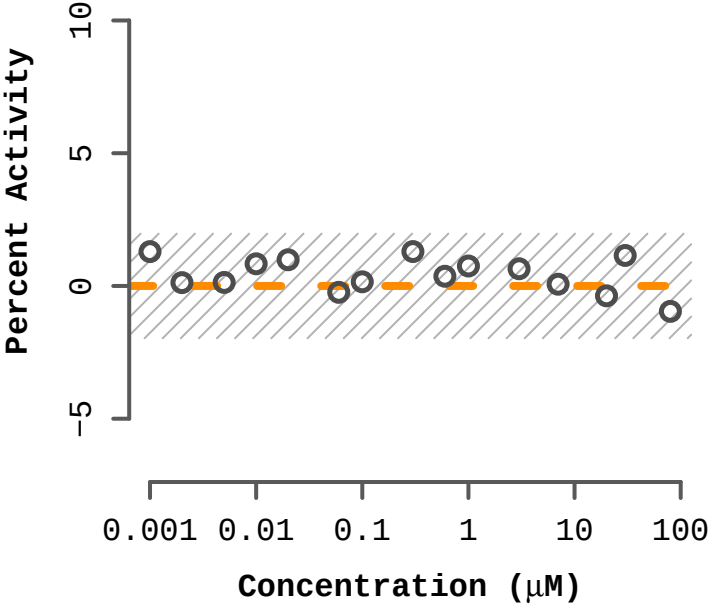
M4ID: 11453373

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.39	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA

MAX_MEAN: 0.439	MAX_MED: 0.439	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sulfasalazine

CHID: 21256 **CASRN:** 599-79-1

SPID(S): Tox21_201239

M4ID: 11454573

HILL MODEL: Not applicable.

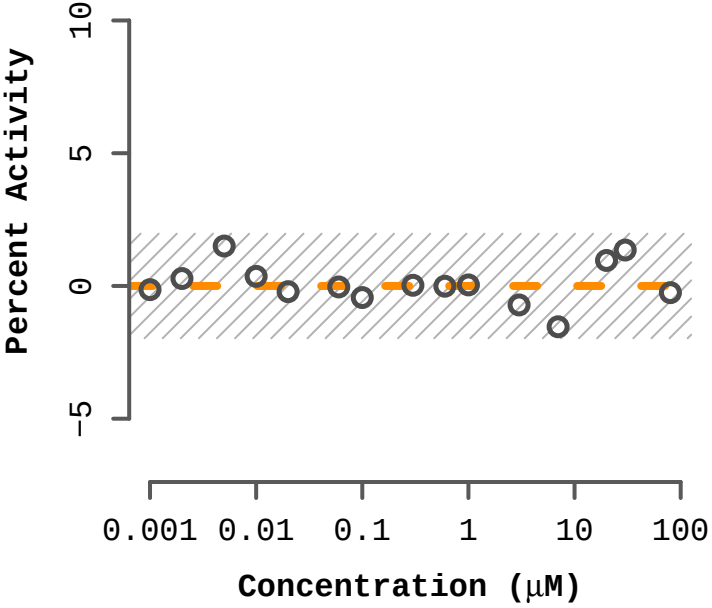
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.13	NA	NA
PROB:	1	NA	NA
RMSE:	0.76	NA	NA

MAX_MEAN: 1.3

MAX_MED: 1.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Simazine

CHID: 21268 **CASRN:** 122-34-9

SPID(S): Tox21_202378

M4ID: 11453434

HILL MODEL: Not applicable.

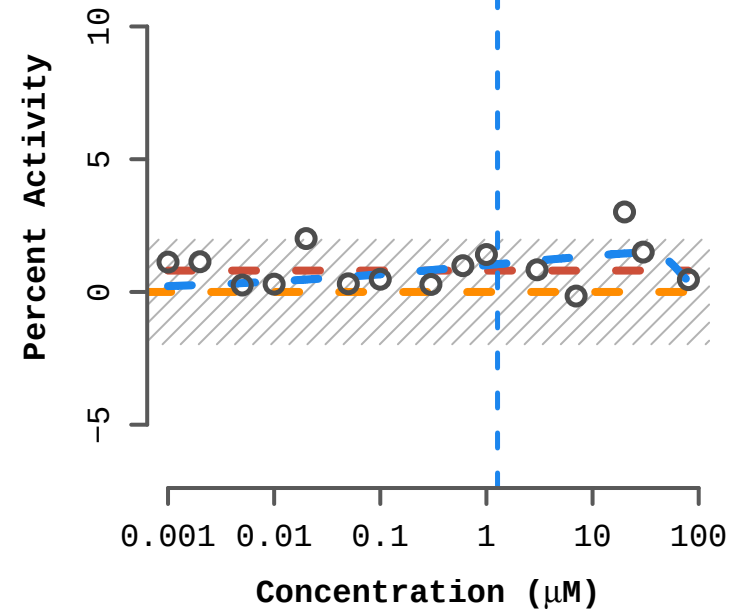
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.47	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 1.51

MAX_MED: 1.51

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium diethyldithiocarbamate trihydrate

CHID: 21275 CASRN: 20624-25-3

SPID(S): Tox21_201267

M4ID: 11454545

HILL MODEL (in red):

	tp	ga	gw
val:	0.805	-5	3.68
sd:	0.19	1760	3200

GAIN-LOSS MODEL (in blue):

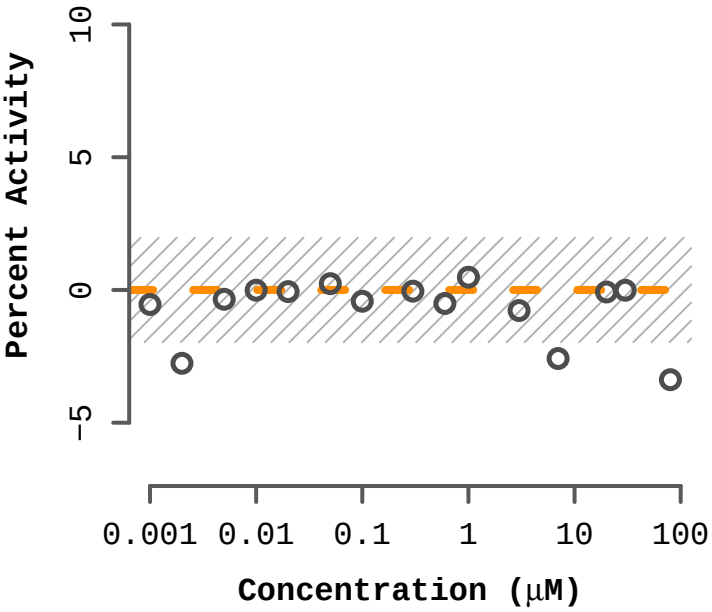
	tp	ga	gw	la	lw
val:	2.09	0.105	0.3	1.81	4.98
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	50.77	43.04	47.17
PROB:	0.02	0.87	0.11
RMSE:	1.22	0.8	0.79

MAX_MEAN: 3.01

MAX_MED: 3.01

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sorbic acid

CHID: 21277 CASRN: 110-44-1

SPID(S): Tox21_201719

M4ID: 11454093

HILL MODEL: Not applicable.

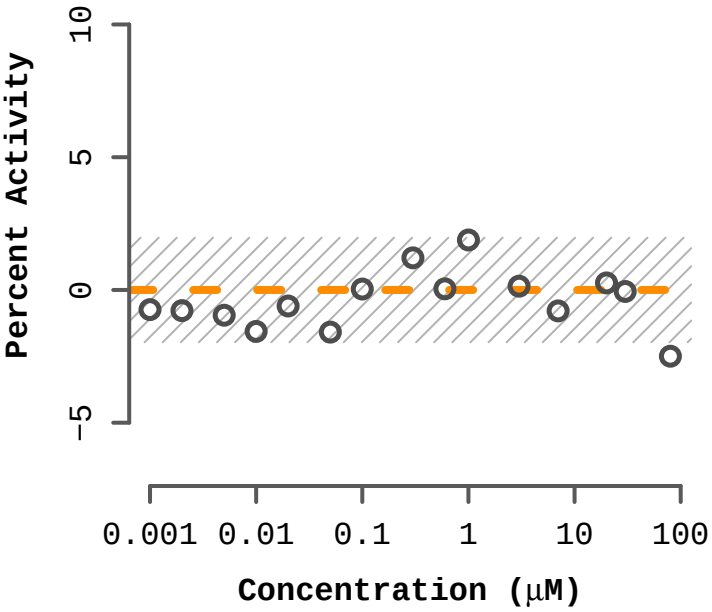
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.72	NA	NA
PROB:	1	NA	NA
RMSE:	1.35	NA	NA

MAX_MEAN: 0.482

MAX_MED: 0.482

BMAD: 0.657



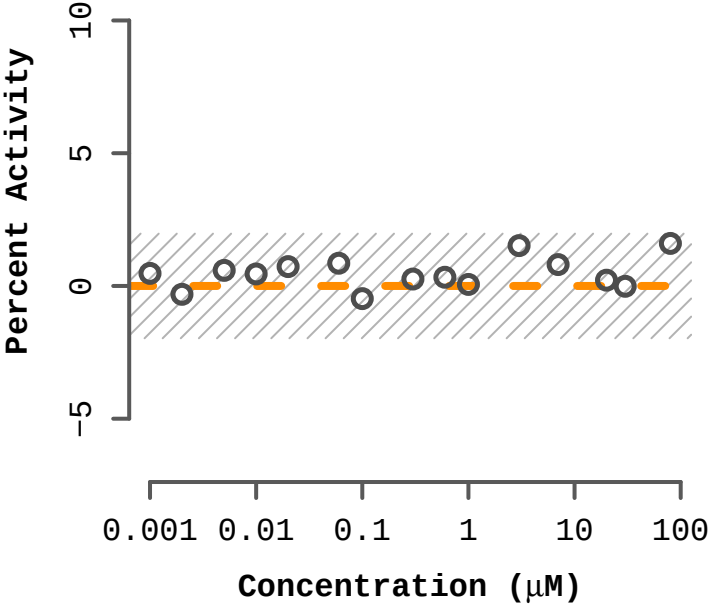
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Streptozotocin
CHID: 21282 CASRN: 18883-66-4
SPID(S): Tox21_201859
M4ID: 11453953

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.24	NA	NA
PROB:	1	NA	NA
RMSE:	1.13	NA	NA
MAX_MEAN:	1.88	MAX_MED: 1.88	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Styrene oxide

CHID: 21286 CASRN: 96-09-3

SPID(S): Tox21_202112

M4ID: 11453700

HILL MODEL: Not applicable.

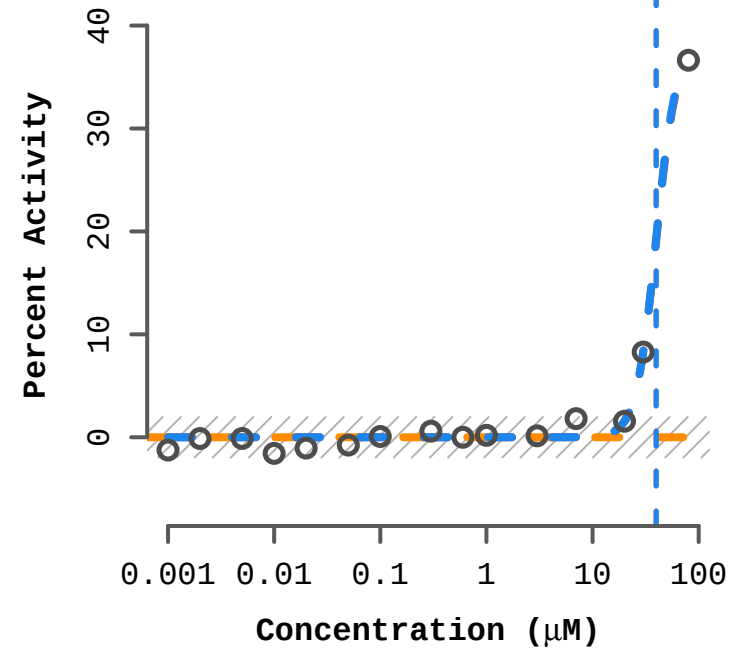
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.82	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 1.6

MAX_MED: 1.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sucrose

CHID: 21288 CASRN: 57-50-1

SPID(S): Tox21_201397

M4ID: 11454415

HILL MODEL (in red):

	tp	ga	gw
val:	38.1	1.6	4.59
sd:	0.61	0.0103	0.265

GAIN-LOSS MODEL (in blue):

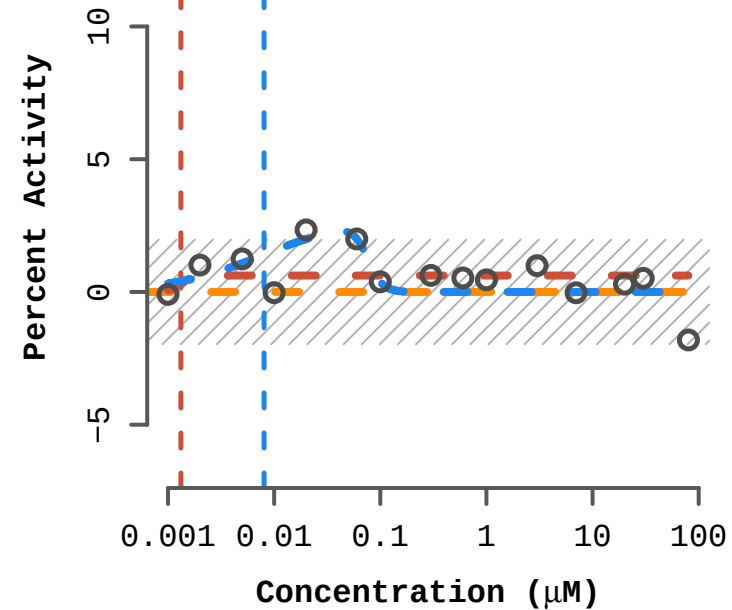
	tp	ga	gw	la	lw
val:	38.8	1.6	4.59	2.46	3.18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	85.28	42.45	46.45
PROB:	0	0.88	0.12
RMSE:	9.74	0.79	0.79

MAX_MEAN: 36.6

MAX_MED: 36.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sulfamethazine

CHID: 21290 CASRN: 57-68-1

SPID(S): Tox21_202221

M4ID: 11453591

HILL MODEL (in red):

	tp	ga	gw
val:	0.618	-2.88	8
sd:	0.193	0.231	12.3

GAIN-LOSS MODEL (in blue):

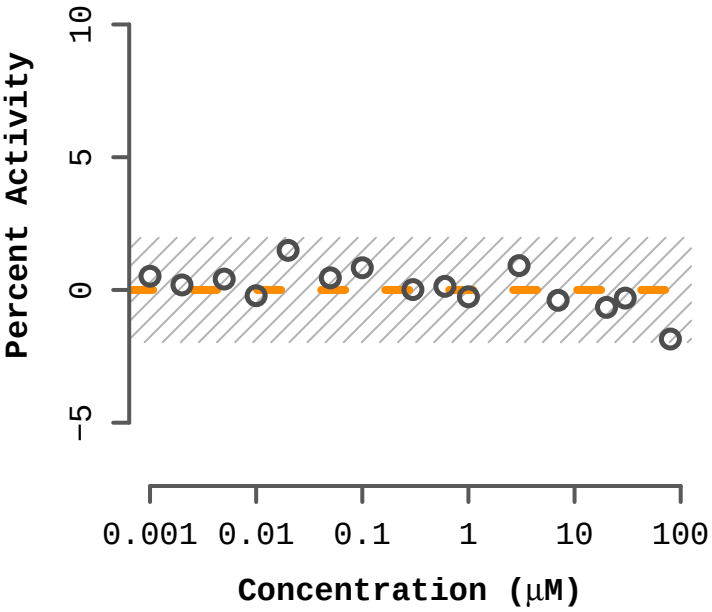
	tp	ga	gw	la	lw
val:	2.81	-2.09	0.989	-1.12	6.26
sd:	2.59	0.953	0.756	0.153	5.84

	CNST	HILL	GNLS
AIC:	47.4	45.58	45.15
PROB:	0.15	0.38	0.47
RMSE:	1.09	0.91	0.75

MAX_MEAN: 2.34

MAX_MED: 2.34

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

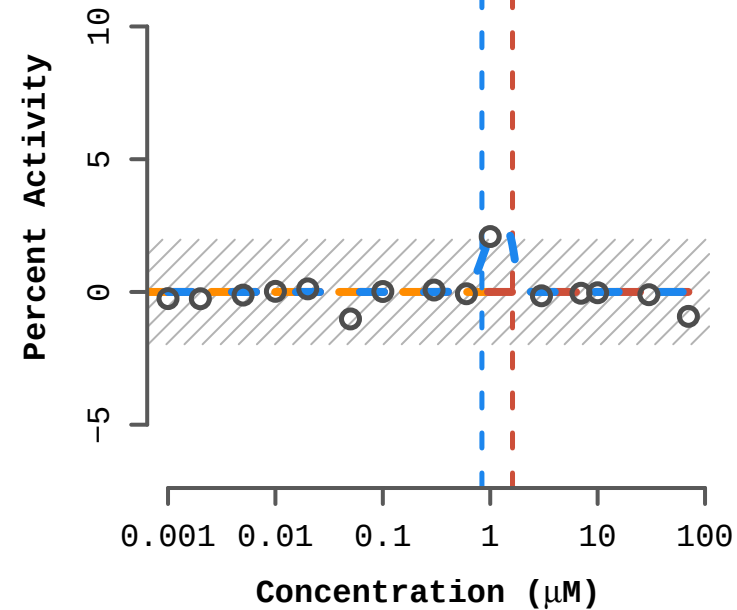
NAME: Sulfisoxazole
CHID: 21292 CASRN: 127-69-5
SPID(S): Tox21_202265
M4ID: 11453547

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.89	NA	NA
PROB:	1	NA	NA
RMSE:	0.76	NA	NA

MAX_MEAN:	1.49	MAX_MED:	1.49	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Sulfolene

CHID: 21294 CASRN: 77-79-2

SPID(S): Tox21_201532

M4ID: 11454280

HILL MODEL (in red):

	tp	ga	gw
val:	7.89e-12	0.207	1.52
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

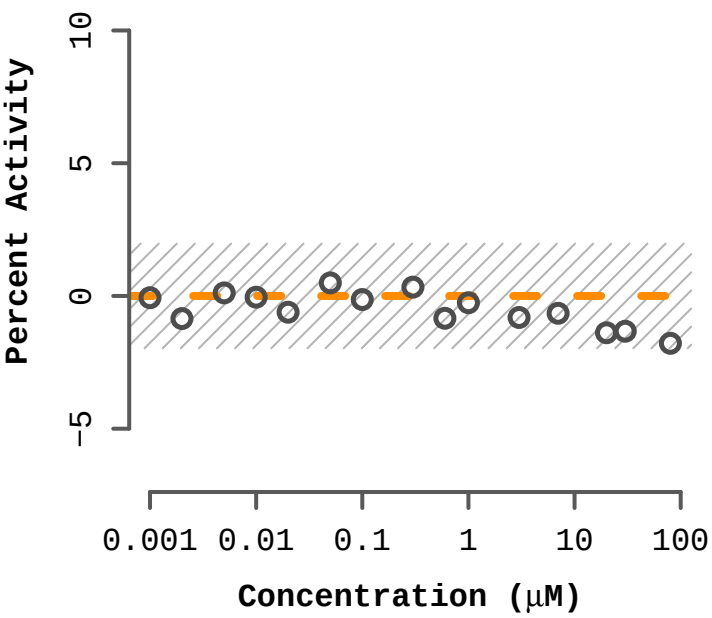
	tp	ga	gw	la	lw
val:	2.51	-0.0773	8	0.228	18
sd:	0.574	0.0481	2.73	0.92	69.4

	CNST	HILL	GNLS
AIC:	23.52	29.52	19.28
PROB:	0.11	0.01	0.89
RMSE:	0.65	0.65	0.38

MAX_MEAN: 2.09

MAX_MED: 2.09

BMAD: 0.657



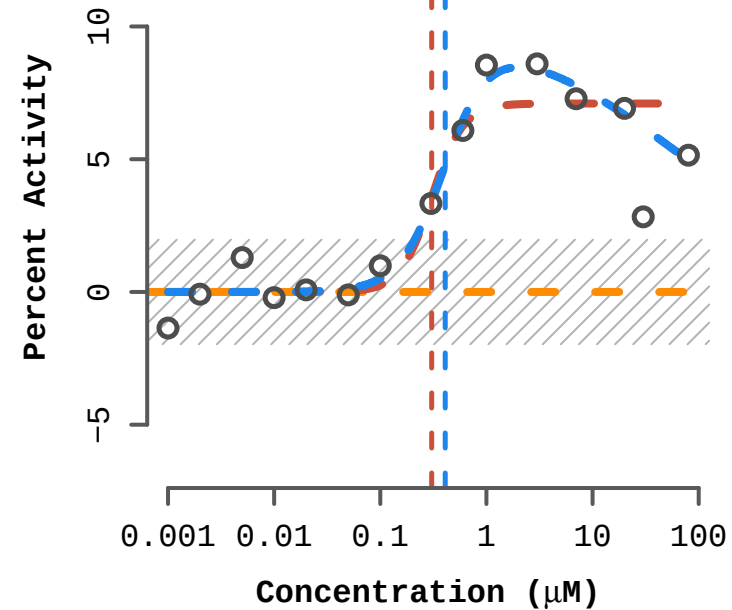
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Suxibuzone
CHID: 21296 CASRN: 27470-51-5
SPID(S): Tox21_202352
M4ID: 11453460

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.66	NA	NA
PROB:	1	NA	NA
RMSE:	0.82	NA	NA
MAX_MEAN:	0.494	MAX_MED: 0.494	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorotrianisene

CHID: 21299 CASRN: 569-57-3

SPID(S): Tox21_202361

M4ID: 11453451

HILL MODEL (in red):

	tp	ga	gw
val:	7.1	-0.516	2.94
sd:	0.571	0.0802	1.61

GAIN-LOSS MODEL (in blue):

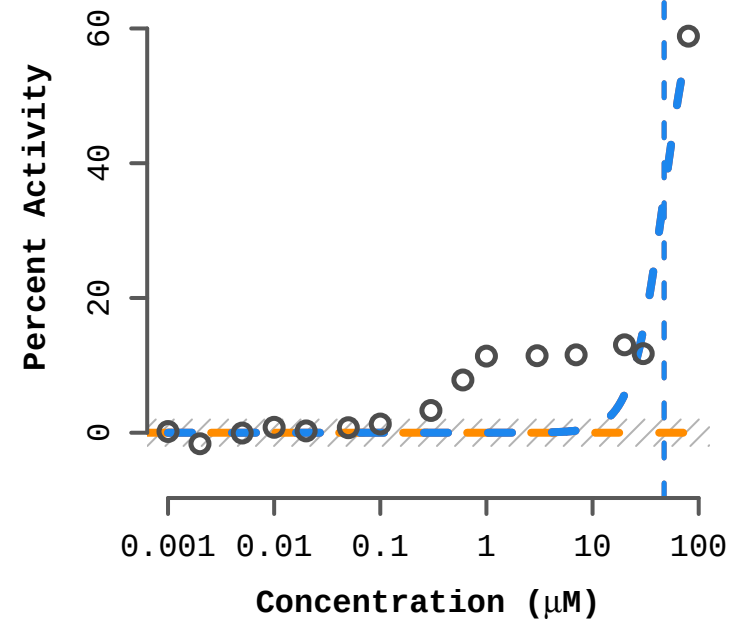
	tp	ga	gw	la	lw
val:	10.3	-0.388	2.07	1.83	0.495
sd:	2.21	0.0658	0.434	0.405	0.221

	CNST	HILL	GNLS
AIC:	92.22	58.65	48.94
PROB:	0	0.01	0.99
RMSE:	4.73	1.44	1.04

MAX_MEAN: 8.59

MAX_MED: 8.59

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tamoxifen citrate

CHID: 21301 CASRN: 54965-24-1

SPID(S): Tox21_202070

M4ID: 11453742

HILL MODEL (in red):

	tp	ga	gw
val:	70.6	1.67	2.84
sd:	21.8	0.139	1.64

GAIN-LOSS MODEL (in blue):

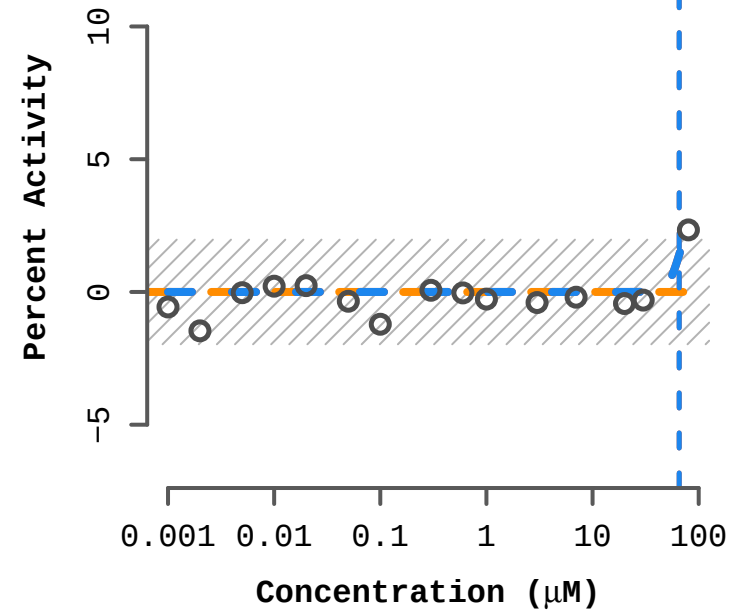
	tp	ga	gw	la	lw
val:	70.6	1.67	2.84	3.41	5.72
sd:	21.8	0.139	1.64	2430	9250

	CNST	HILL	GNLS
AIC:	119.5	103.99	107.99
PROB:	0	0.88	0.12
RMSE:	16.82	5.96	5.96

MAX_MEAN: 58.9

MAX_MED: 58.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,6-Tris(tert-butyl)phenol

CHID: 21311 CASRN: 732-26-3

SPID(S): Tox21_202374

M4ID: 11453438

HILL MODEL (in red):

	tp	ga	gw
val:	2.81	1.82	8
sd:	4.11	0.408	11.1

GAIN-LOSS MODEL (in blue):

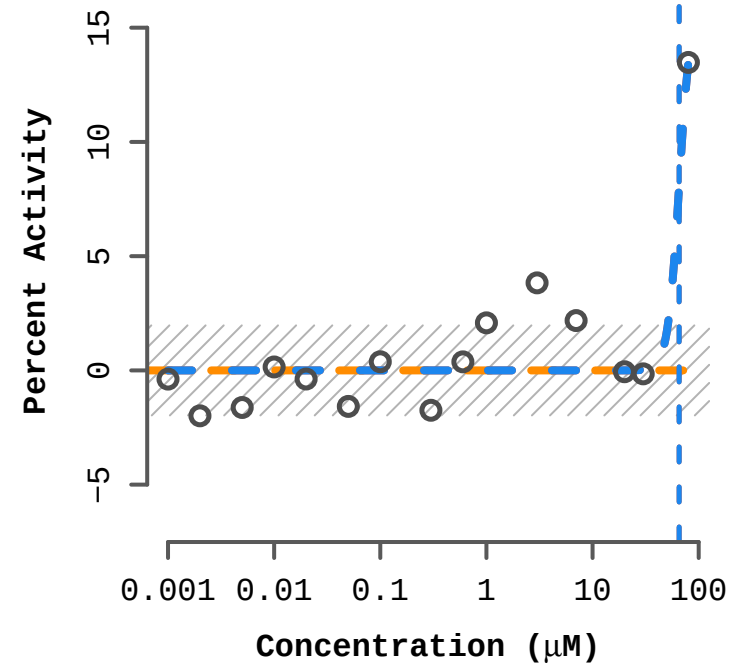
	tp	ga	gw	la	lw
val:	2.81	1.82	8	3.9	2.44
sd:	4.18	0.415	11.2	431	528

	CNST	HILL	GNLS
AIC:	35.29	30.87	34.87
PROB:	0.09	0.8	0.11
RMSE:	0.82	0.56	0.56

MAX_MEAN: 2.34

MAX_MED: 2.34

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2',5,5'-Tetrachlorobenzidine

CHID: 21314 CASRN: 15721-02-5

SPID(S): Tox21_202027

M4ID: 11453785

HILL MODEL (in red):

	tp	ga	gw
val:	16.2	1.82	8
sd:	14.9	0.148	18.2

GAIN-LOSS MODEL (in blue):

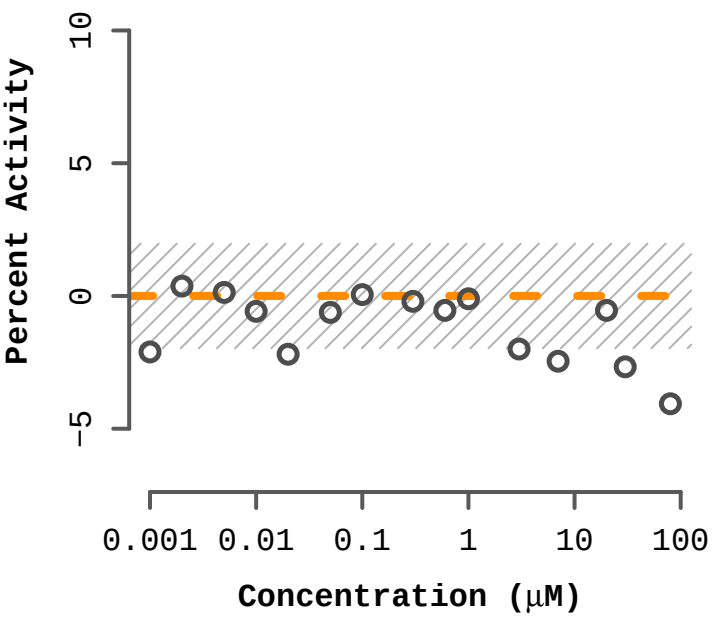
	tp	ga	gw	la	lw
val:	16.2	1.82	8	3.59	16.4
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	73.74	63.99	67.99
PROB:	0.01	0.87	0.12
RMSE:	3.81	1.56	1.56

MAX_MEAN: 13.5

MAX_MED: 13.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tetradifon

CHID: 21316 CASRN: 116-29-0

SPID(S): Tox21_202396

M4ID: 11453416

HILL MODEL: Not applicable.

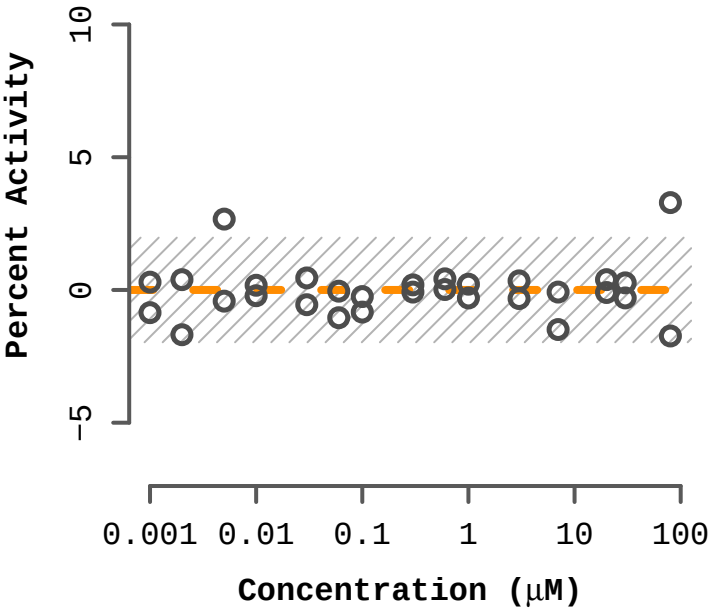
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	60.87	NA	NA
PROB:	1	NA	NA
RMSE:	1.72	NA	NA

MAX_MEAN: 0.372

MAX_MED: 0.372

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Disulfiram

CHID: 21322 CASRN: 97-77-8

SPID(S): Tox21_400072

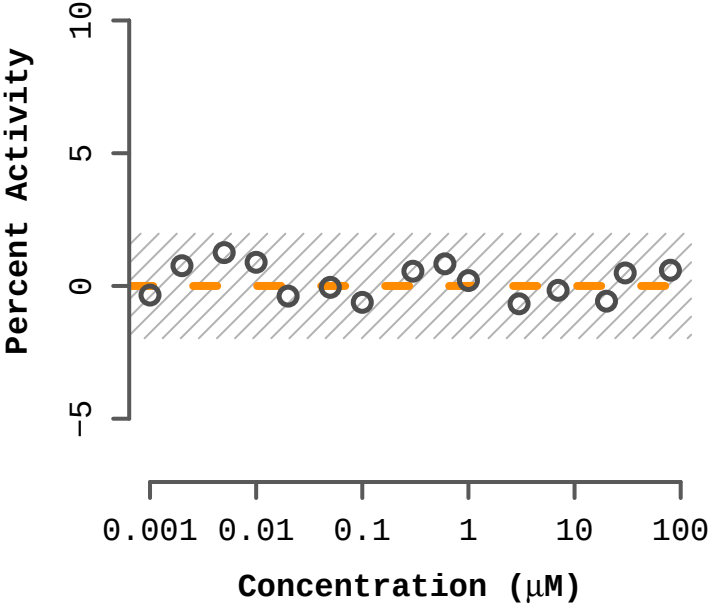
M4ID: 11453276

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	78.93	NA	NA
PROB:	1	NA	NA
RMSE:	1.01	NA	NA

MAX_MEAN: 1.12	MAX_MED: 1.12	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thiram

CHID: 21332 **CASRN:** 137-26-8

SPID(S): Tox21_201569

M4ID: 11454243

HILL MODEL: Not applicable.

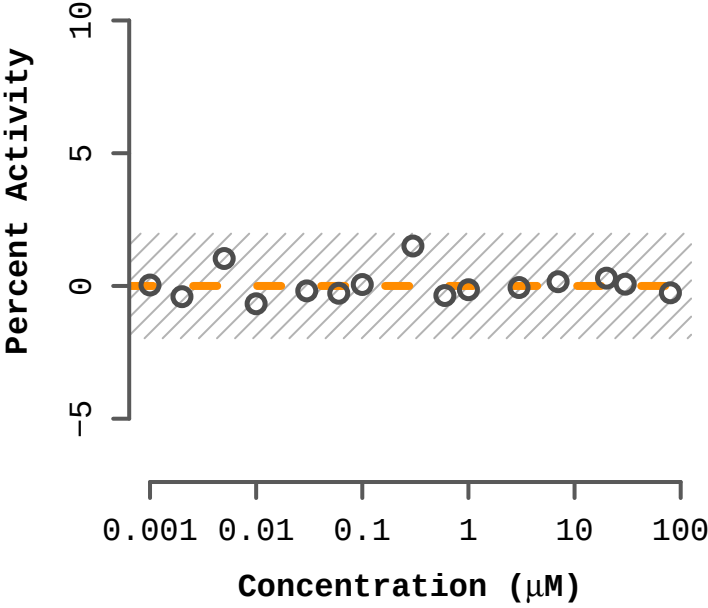
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.16	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 1.26

MAX_MED: 1.26

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tetramethylthiuram monosulfide

CHID: 21333 **CASRN:** 97-74-5

SPID(S): Tox21_201554

M4ID: 11454258

HILL MODEL: Not applicable.

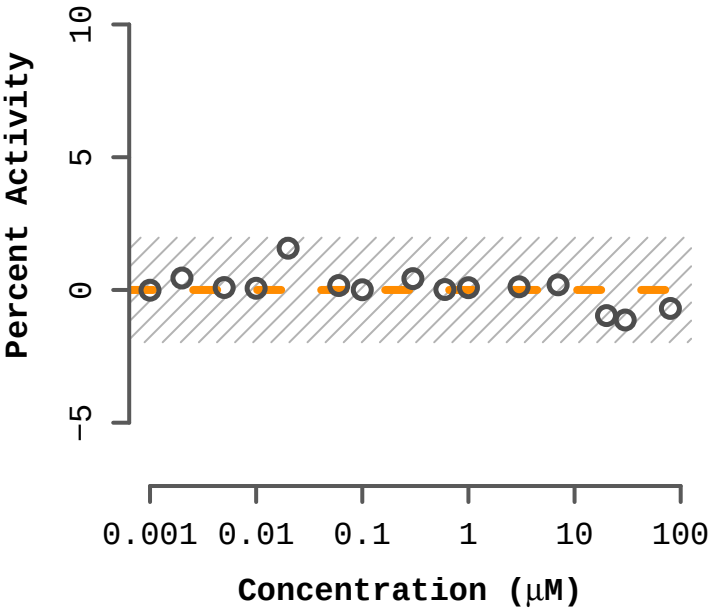
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	23.28	NA	NA
PROB:	1	NA	NA
RMSE:	0.54	NA	NA

MAX_MEAN: 1.51

MAX_MED: 1.51

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

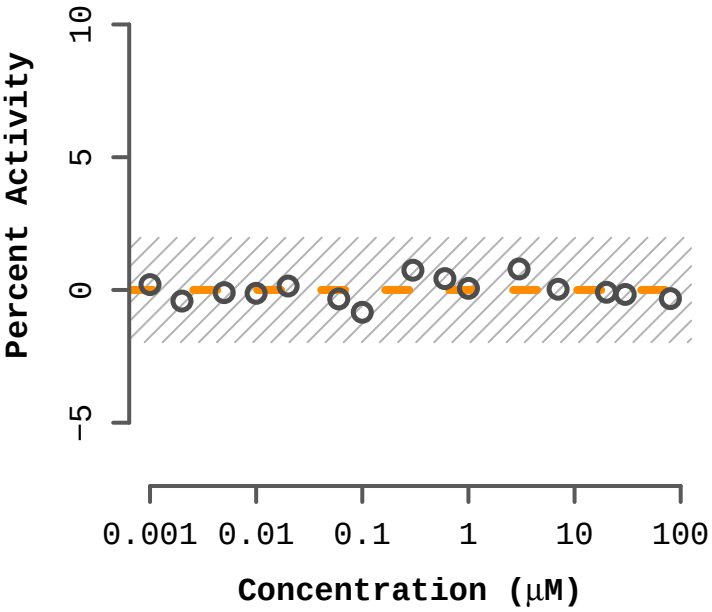
NAME: Tetranitromethane
CHID: 21334 **CASRN:** 509-14-8
SPID(S): Tox21_202353
M4ID: 11453459

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.03	NA	NA
PROB:	1	NA	NA
RMSE:	0.61	NA	NA

MAX_MEAN:	1.57	MAX_MED:	1.57	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Theophylline

CHID: 21336 **CASRN:** 58-55-9

SPID(S): Tox21_202375

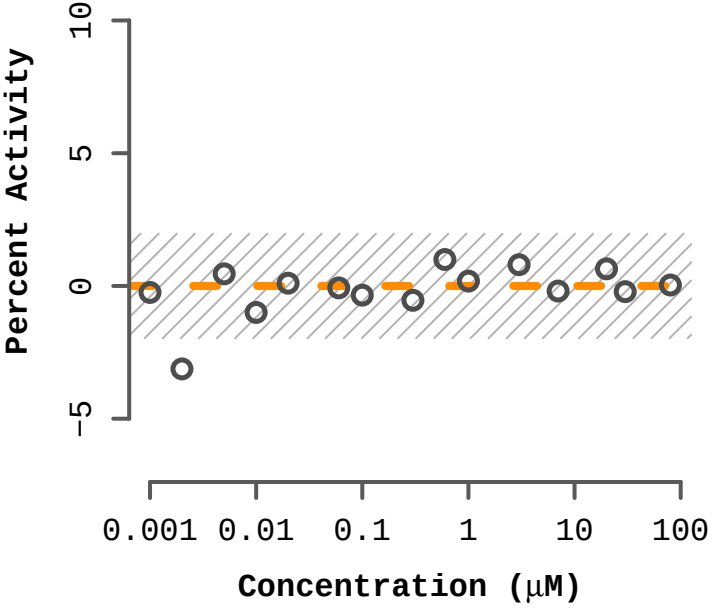
M4ID: 11453437

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.66	NA	NA
PROB:	1	NA	NA
RMSE:	0.42	NA	NA

MAX_MEAN:	0.793	MAX_MED:	0.793	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thiabendazole

CHID: 21337 **CASRN:** 148-79-8

SPID(S): Tox21_202397

M4ID: 11453415

HILL MODEL: Not applicable.

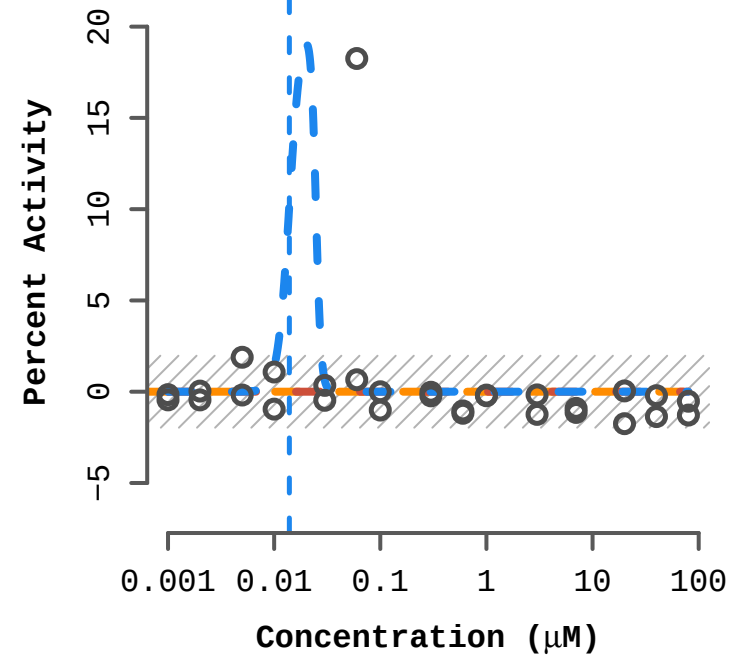
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.25	NA	NA
PROB:	1	NA	NA
RMSE:	0.95	NA	NA

MAX_MEAN: 0.998

MAX_MED: 0.998

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thiotepa

CHID: 21339 CASRN: 52-24-4

SPID(S): Tox21_400065

M4ID: 11453283

HILL MODEL (in red):

	tp	ga	gw
val:	0.664	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

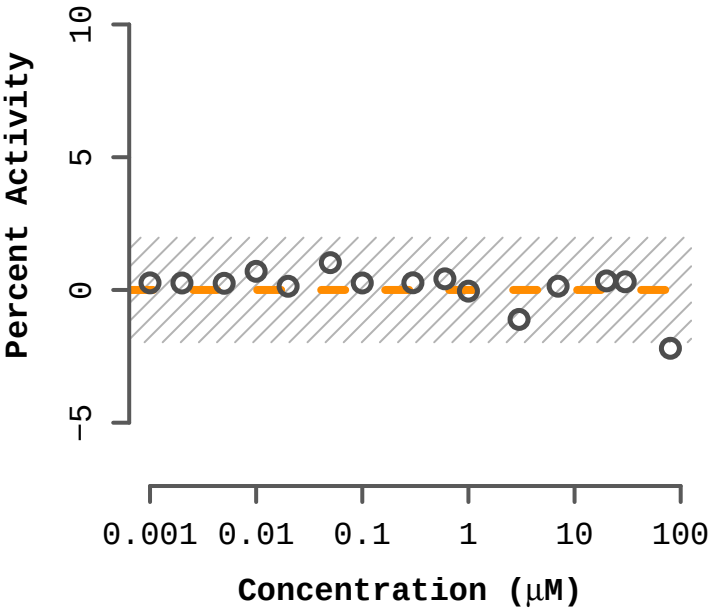
	tp	ga	gw	la	lw
val:	20.5	-1.86	8	-1.61	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	103.33	109.33	117.03
PROB:	0.95	0.05	0
RMSE:	3.44	3.44	3.46

MAX_MEAN: 9.46

MAX_MED: 9.46

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

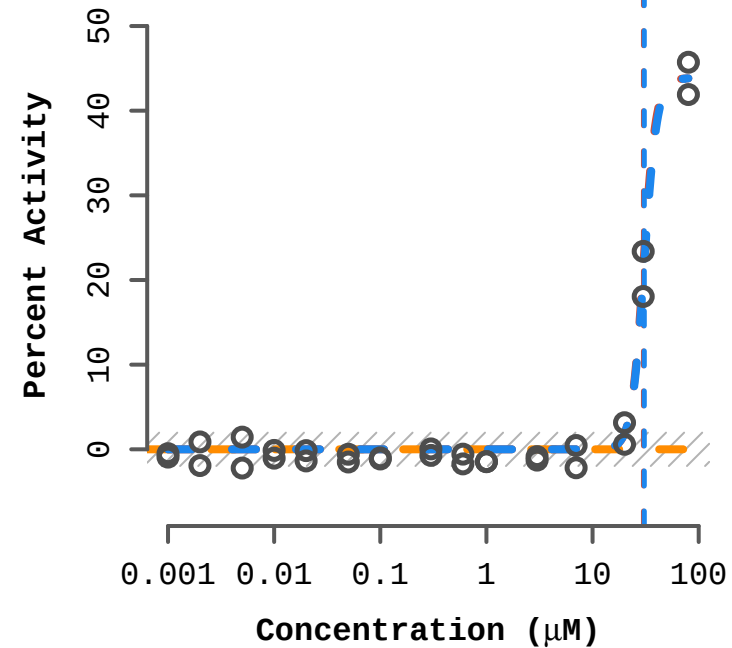
NAME: Sodium thiocyanate
CHID: 21343 CASRN: 540-72-7
SPID(S): Tox21_201621
M4ID: 11454191

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.77	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN:	1.03	MAX_MED:	1.03	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Thiodianiline

CHID: 21344 CASRN: 139-65-1

SPID(S): Tox21_400005

M4ID: 11453343

HILL MODEL (in red):

	tp	ga	gw
val:	43.8	1.48	7.56
sd:	2.71	0.0156	1.61

GAIN-LOSS MODEL (in blue):

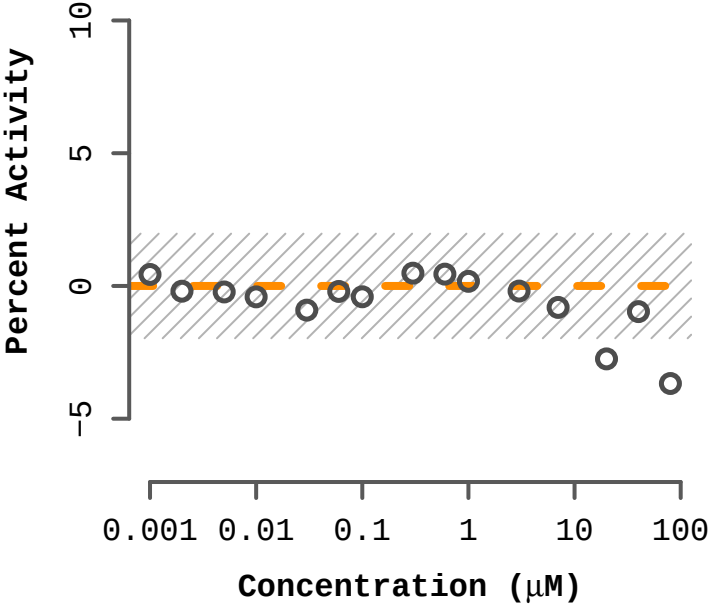
	tp	ga	gw	la	lw
val:	43.9	1.49	7.24	2.83	4.54
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	196.25	118.53	122.53
PROB:	0	0.88	0.12
RMSE:	12.6	1.43	1.43

MAX_MEAN: 43.8

MAX_MED: 43.8

BMAD: 0.657



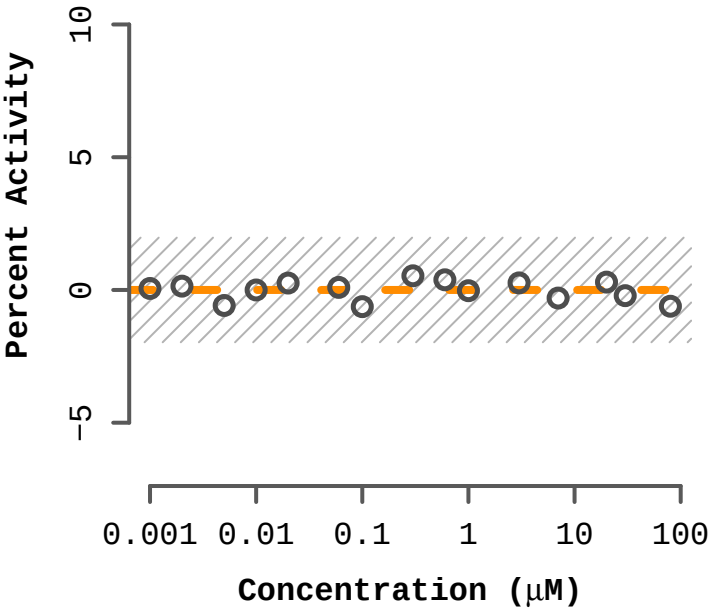
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thiosemicarbazide
CHID: 21346 CASRN: 79-19-6
SPID(S): Tox21_201348
M4ID: 11454464

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	46.88	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.28	NA	NA	
MAX_MEAN:	0.482	MAX_MED:	0.482	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thiouracil

CHID: 21347 CASRN: 141-90-2

SPID(S): Tox21_202418

M4ID: 11453394

HILL MODEL: Not applicable.

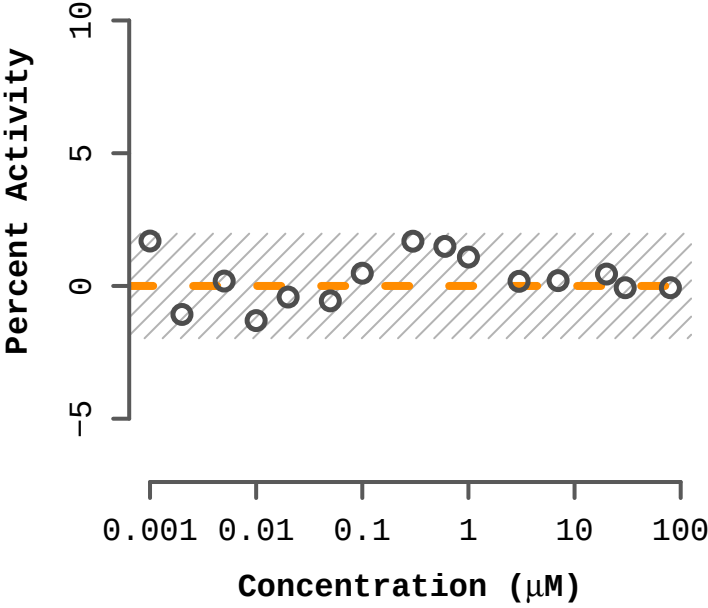
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	15.57	NA	NA
PROB:	1	NA	NA
RMSE:	0.36	NA	NA

MAX_MEAN: 0.535

MAX_MED: 0.535

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thiourea

CHID: 21348 CASRN: 62-56-6

SPID(S): Tox21_201873

M4ID: 11453939

HILL MODEL: Not applicable.

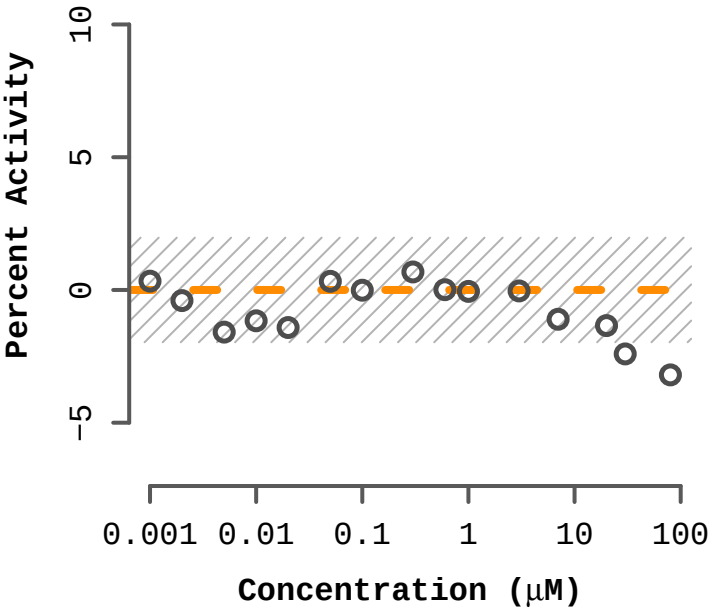
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.59	NA	NA
PROB:	1	NA	NA
RMSE:	0.93	NA	NA

MAX_MEAN: 1.69

MAX_MED: 1.69

BMAD: 0.657



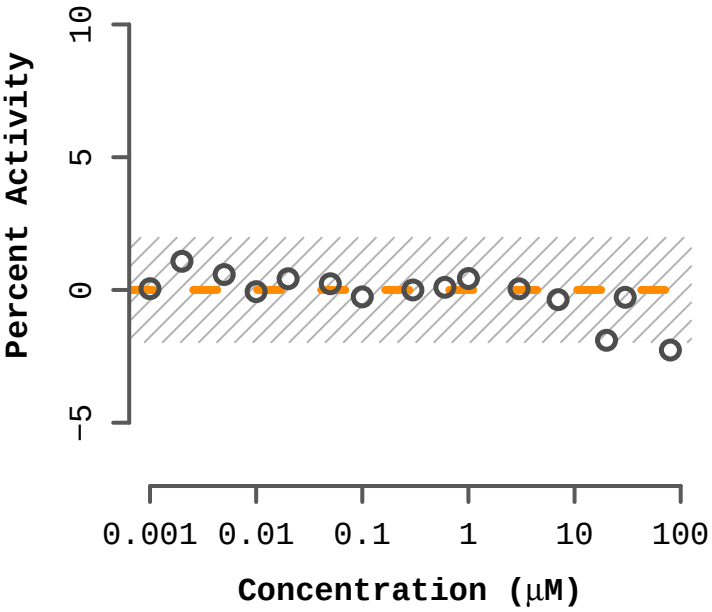
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tolazamide
CHID: 21358 CASRN: 1156-19-0
SPID(S): Tox21_201507
M4ID: 11454305

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	52.36	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.31	NA	NA	
MAX_MEAN:	0.679	MAX_MED:	0.679	
			BMAD:	0.657



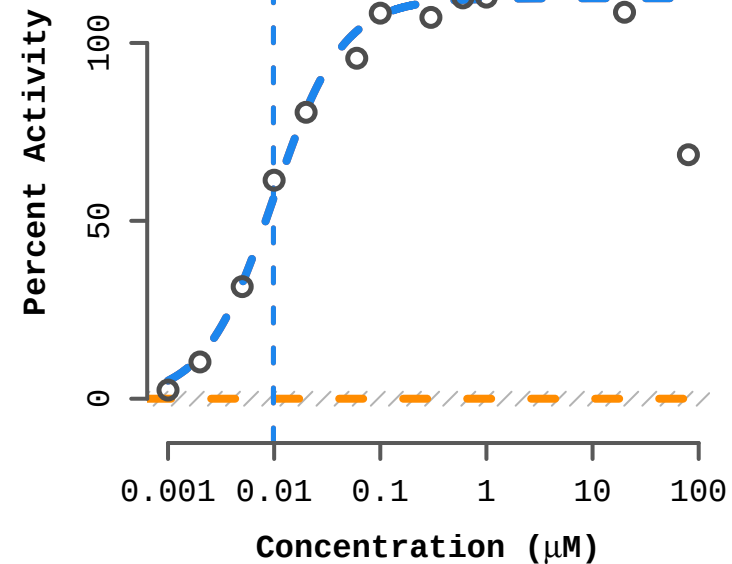
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tolbutamide
CHID: 21359 CASRN: 64-77-7
SPID(S): Tox21_201612
M4ID: 11454200

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.98	NA	NA
PROB:	1	NA	NA
RMSE:	0.85	NA	NA
MAX_MEAN:	1.08	MAX_MED: 1.08	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methylaniline hydrochloride

CHID: 21364 CASRN: 636-21-5

SPID(S): Tox21_201277

M4ID: 11454535

HILL MODEL (in red):

	tp	ga	gw
val:	113	-2.01	1.34
sd:	1.56	0.0322	0.117

GAIN-LOSS MODEL (in blue):

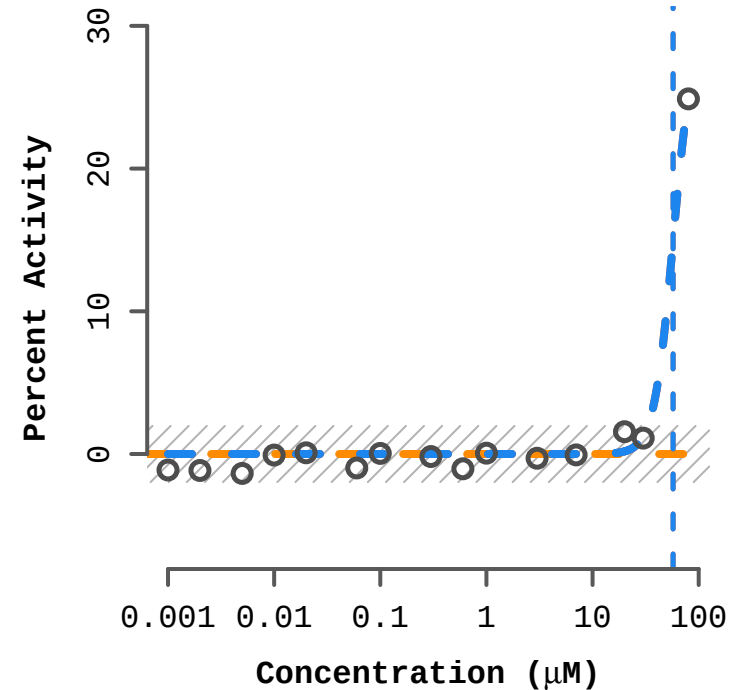
	tp	ga	gw	la	lw
val:	113	-2.01	1.34	3.36	17.6
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	183.09	106.35	110.35
PROB:	0	0.88	0.12
RMSE:	91.65	11.81	11.81

MAX_MEAN: 116

MAX_MED: 116

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triamcinolone acetonide

CHID: 21371 CASRN: 76-25-5

SPID(S): Tox21_201795

M4ID: 11454017

HILL MODEL (in red):

	tp	ga	gw
val:	29.9	1.76	4.84
sd:	2.78	0.0318	0.918

GAIN-LOSS MODEL (in blue):

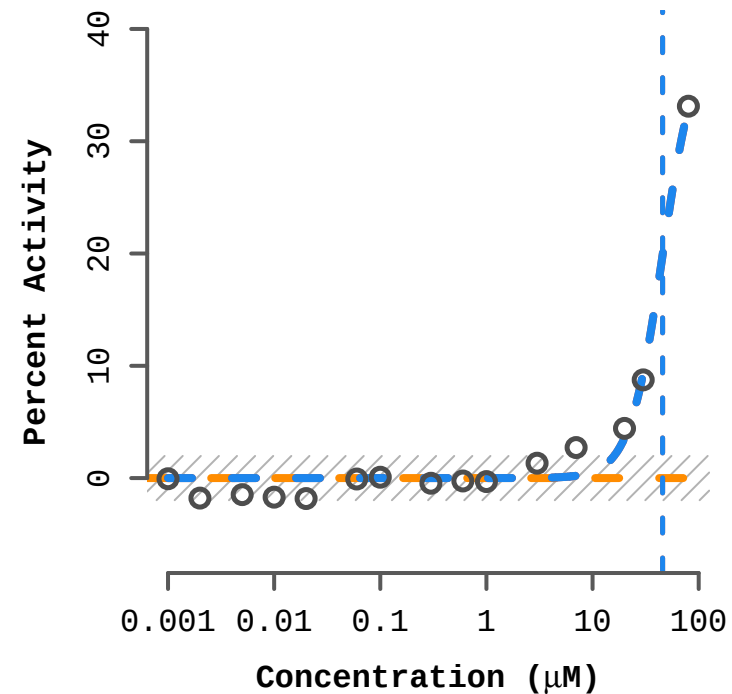
	tp	ga	gw	la	lw
val:	29.9	1.76	4.84	2.92	7.54
sd:	2.78	0.0317	0.917	1250	9220

	CNST	HILL	GNLS
AIC:	67.49	42.7	46.7
PROB:	0	0.88	0.12
RMSE:	6.48	0.75	0.75

MAX_MEAN: 24.9

MAX_MED: 24.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triamterene

CHID: 21373 CASRN: 396-01-0

SPID(S): Tox21_202021

M4ID: 11453791

HILL MODEL (in red):

	tp	ga	gw
val:	39.7	1.66	2.8
sd:	5.01	0.0648	0.569

GAIN-LOSS MODEL (in blue):

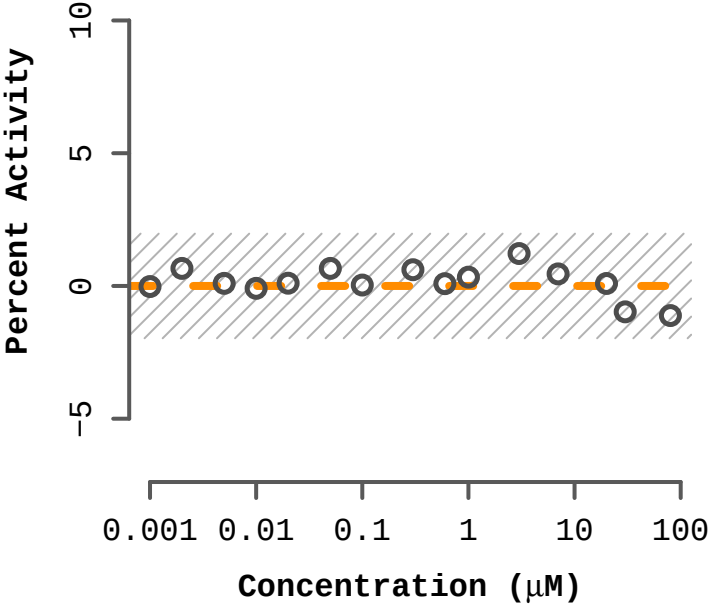
	tp	ga	gw	la	lw
val:	39.7	1.66	2.8	3.76	4.46
sd:	5.01	0.0648	0.569	1380	3310

	CNST	HILL	GNLS
AIC:	91.71	56.55	60.55
PROB:	0	0.88	0.12
RMSE:	9	1.19	1.19

MAX_MEAN: 33.1

MAX_MED: 33.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tricaprylin

CHID: 21375 **CASRN:** 538-23-8

SPID(S): Tox21_201480

M4ID: 11454332

HILL MODEL: Not applicable.

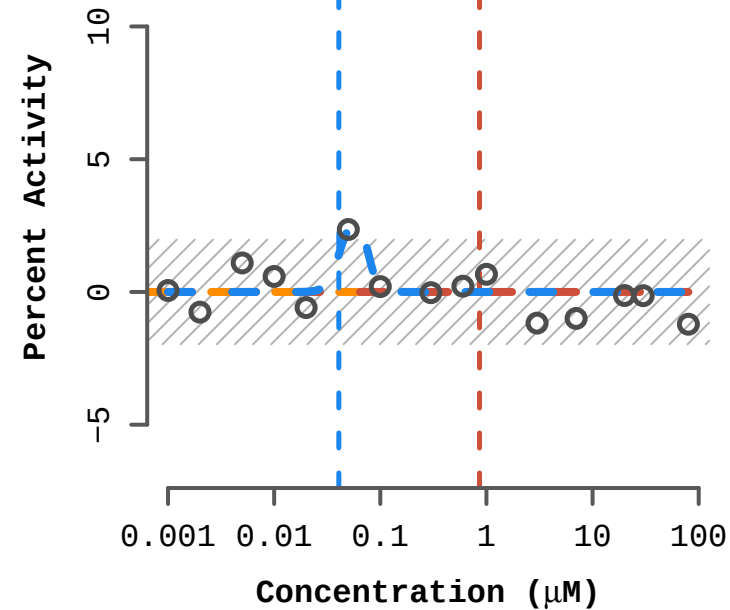
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.47	NA	NA
PROB:	1	NA	NA
RMSE:	0.59	NA	NA

MAX_MEAN: 1.22

MAX_MED: 1.22

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Trichloroacetic acid

CHID: 21378 CASRN: 76-03-9

SPID(S): Tox21_201632

M4ID: 11454180

HILL MODEL (in red):

	tp	ga	gw
val:	3.5e-11	-0.0651	2.01
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

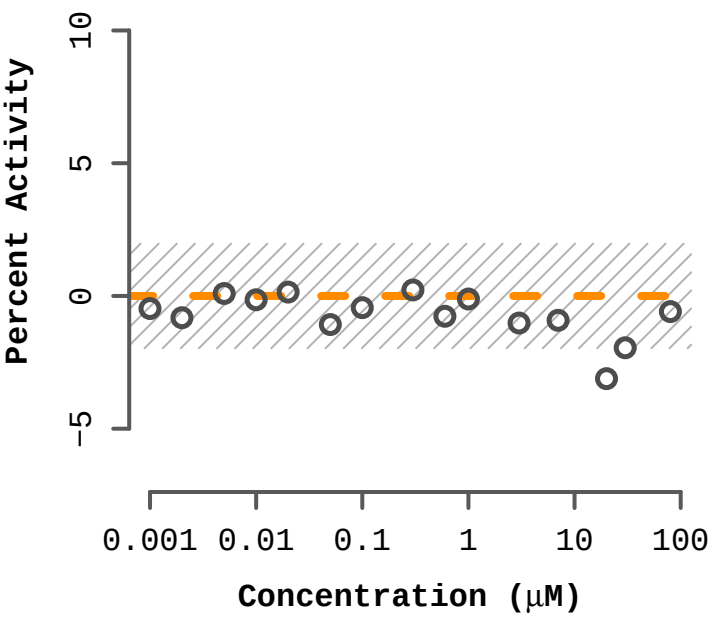
	tp	ga	gw	la	lw
val:	2.82	-1.39	8	-1.11	10.1
sd:	3.67	0.357	11	0.459	40.2

	CNST	HILL	GNLS
AIC:	41.57	47.57	44.07
PROB:	0.75	0.04	0.21
RMSE:	0.91	0.91	0.68

MAX_MEAN: 2.35

MAX_MED: 2.35

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Folpet

CHID: 21385 **CASRN:** 133-07-3

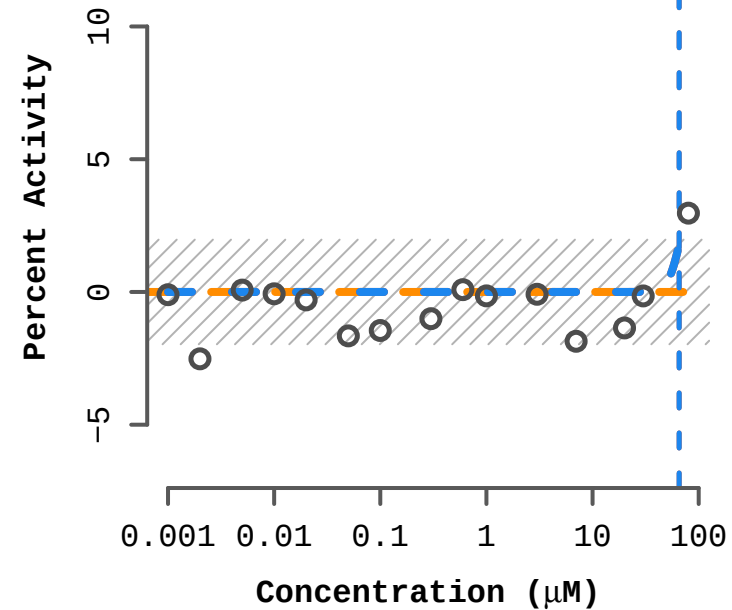
SPID(S): Tox21_201987

M4ID: 11453825

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.92	NA	NA
PROB:	1	NA	NA
RMSE:	1.12	NA	NA
MAX_MEAN:	0.228	MAX_MED: 0.228	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,6-Trichlorophenol

CHID: 21386 CASRN: 88-06-2

SPID(S): Tox21_202037

M4ID: 11453775

HILL MODEL (in red):

	tp	ga	gw
val:	3.56	1.82	8
sd:	13.4	1.09	23.4

GAIN-LOSS MODEL (in blue):

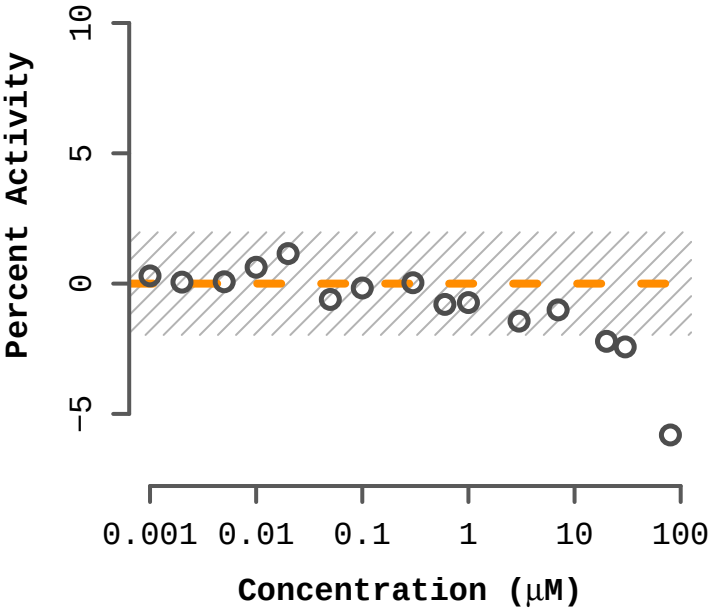
	tp	ga	gw	la	lw
val:	3.56	1.82	8	3.59	5
sd:	13.1	1.07	23.3	38000	113000

	CNST	HILL	GNLS
AIC:	53.03	52.54	56.54
PROB:	0.41	0.52	0.07
RMSE:	1.33	1.08	1.08

MAX_MEAN: 2.97

MAX_MED: 2.97

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,5-Trichlorophenoxyacetic acid

CHID: 21388 CASRN: 93-76-5

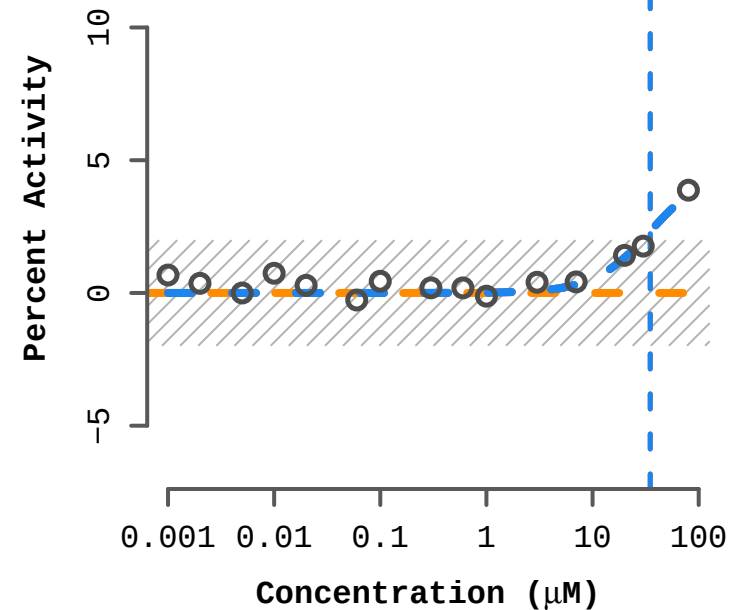
SPID(S): Tox21_201605

M4ID: 11454207

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	58.11	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.84	NA	NA	
MAX_MEAN:	1.15	MAX_MED:	1.15	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Trichlorfon

CHID: 21389 CASRN: 52-68-6

SPID(S): Tox21_201607

M4ID: 11454205

HILL MODEL (in red):

	tp	ga	gw
val:	4.65	1.54	1.64
sd:	0.967	0.14	0.507

GAIN-LOSS MODEL (in blue):

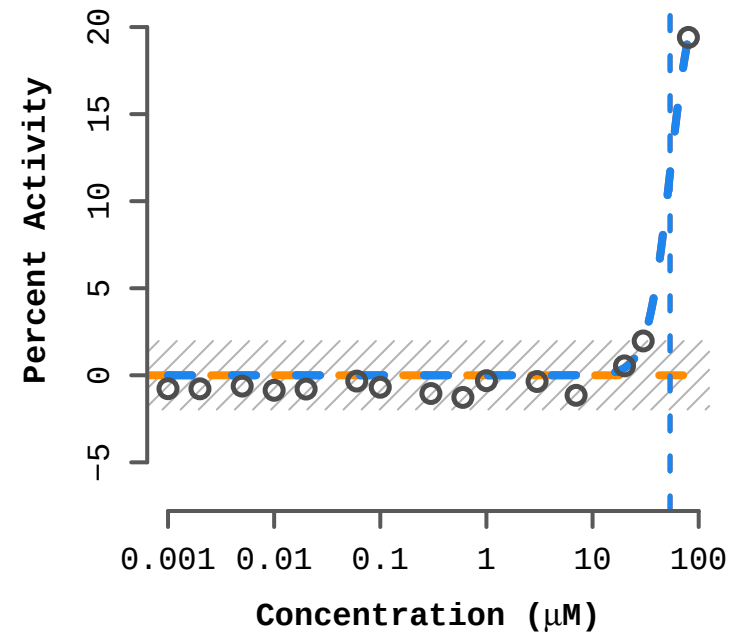
	tp	ga	gw	la	lw
val:	4.65	1.54	1.64	3.67	4.66
sd:	0.967	0.14	0.507	1250	3300

	CNST	HILL	GNLS
AIC:	44.28	19.74	23.74
PROB:	0	0.88	0.12
RMSE:	1.21	0.35	0.35

MAX_MEAN: 3.87

MAX_MED: 3.87

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,3-Trichloropropane

CHID: 21390 CASRN: 96-18-4

SPID(S): Tox21_202023

M4ID: 11453789

HILL MODEL (in red):

	tp	ga	gw
val:	23.3	1.73	4.05
sd:	6.19	0.115	1.43

GAIN-LOSS MODEL (in blue):

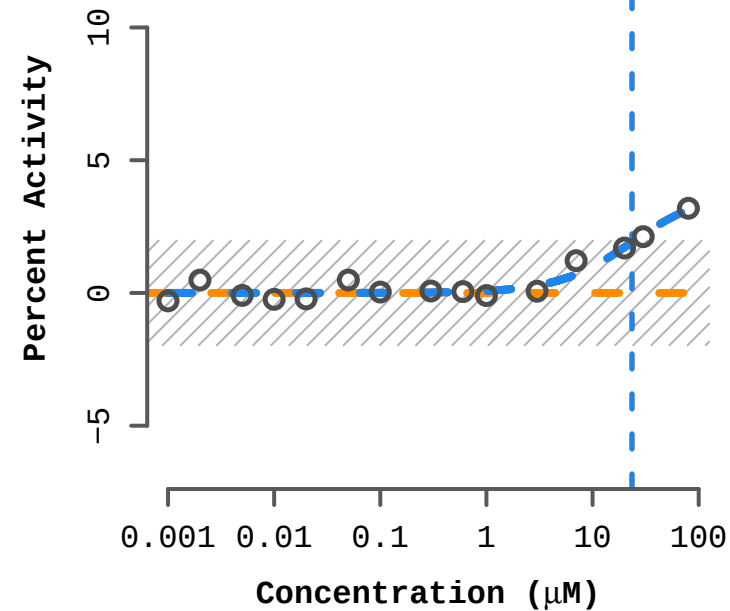
	tp	ga	gw	la	lw
val:	23.3	1.73	4.05	3.71	3.84
sd:	6.18	0.115	1.43	1890	4020

	CNST	HILL	GNLS
AIC:	66.64	42.91	46.91
PROB:	0	0.88	0.12
RMSE:	5.09	0.72	0.72

MAX_MEAN: 19.4

MAX_MED: 19.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tricresyl phosphate

CHID: 21391 CASRN: 1330-78-5

SPID(S): Tox21_201546

M4ID: 11454266

HILL MODEL (in red):

	tp	ga	gw
val:	3.83	1.37	1.23
sd:	0.661	0.149	0.351

GAIN-LOSS MODEL (in blue):

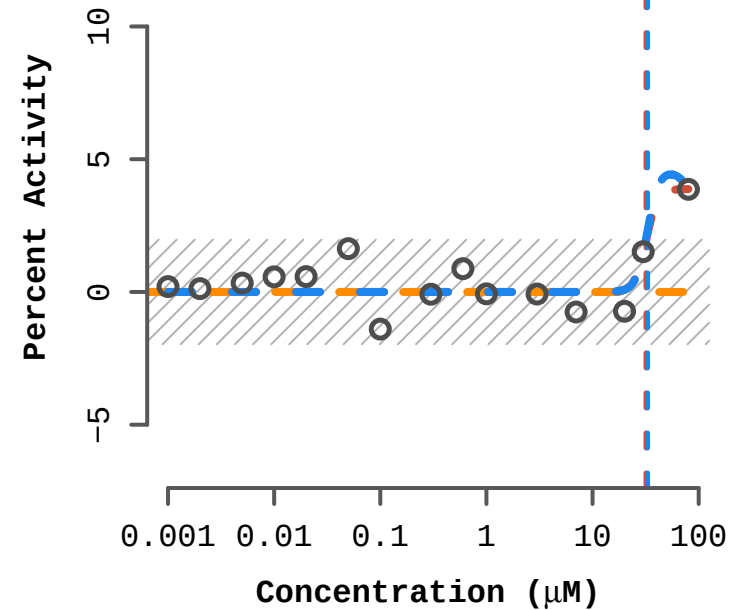
	tp	ga	gw	la	lw
val:	3.83	1.37	1.23	3.42	5.66
sd:	0.661	0.149	0.351	2180	8160

	CNST	HILL	GNLS
AIC:	44.81	10.93	14.93
PROB:	0	0.88	0.12
RMSE:	1.15	0.26	0.26

MAX_MEAN: 3.19

MAX_MED: 3.19

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triethanolamine

CHID: 21392 CASRN: 102-71-6

SPID(S): Tox21_202062

M4ID: 11453750

HILL MODEL (in red):

	tp	ga	gw
val:	3.88	1.5	8
sd:	0.484	0.0396	5.7

GAIN-LOSS MODEL (in blue):

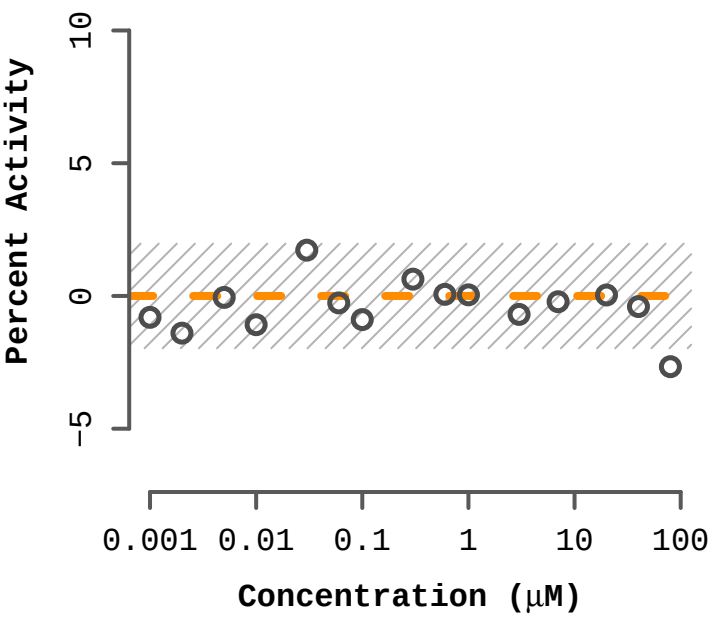
	tp	ga	gw	la	lw
val:	4.64	1.52	8	2.04	4.98
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	48.75	39.87	43.84
PROB:	0.01	0.87	0.12
RMSE:	1.28	0.71	0.71

MAX_MEAN: 3.87

MAX_MED: 3.87

BMAD: 0.657



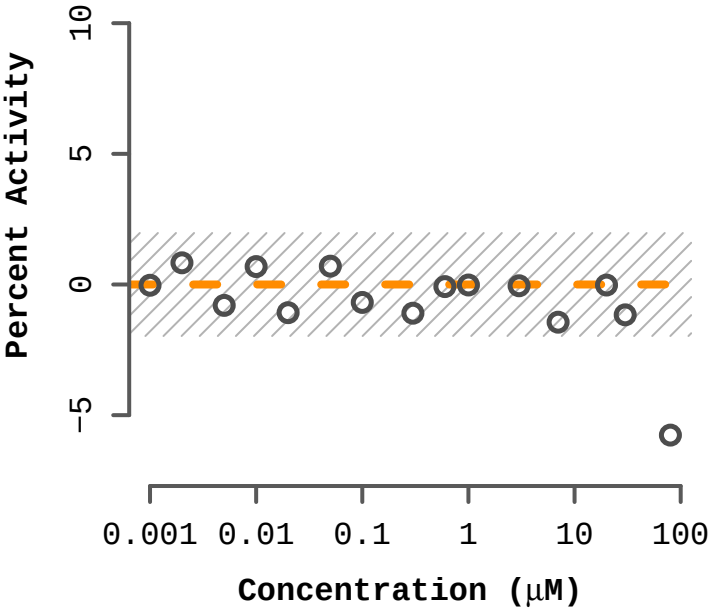
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triethylene glycol
CHID: 21393 **CASRN:** 112-27-6
SPID(S): Tox21_202440
M4ID: 11453372

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	44.51	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.03	NA	NA	
MAX_MEAN:	1.73	MAX_MED:	1.73	
			BMAD:	0.657



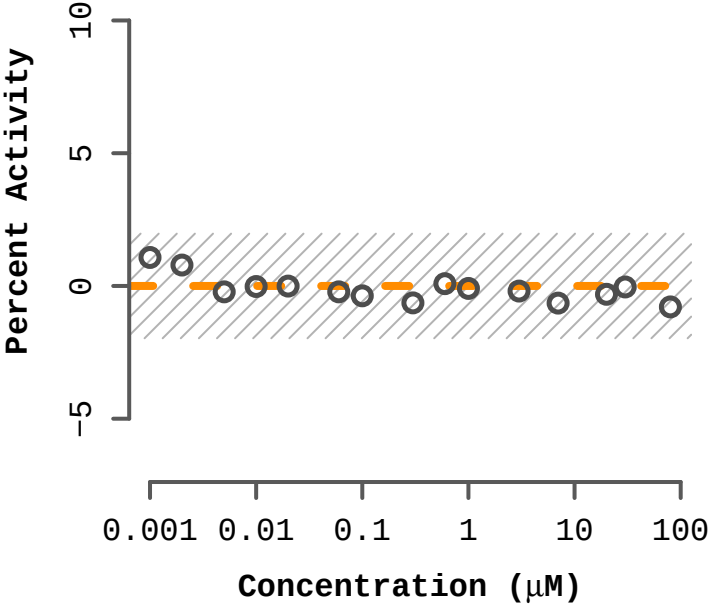
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Trifluralin
CHID: 21395 CASRN: 1582-09-8
SPID(S): Tox21_201352
M4ID: 11454460

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51.6	NA	NA
PROB:	1	NA	NA
RMSE:	1.67	NA	NA
MAX_MEAN: 0.832		MAX_MED: 0.832	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Trimethyl phosphate

CHID: 21403 **CASRN:** 512-56-1

SPID(S): Tox21_201576

M4ID: 11454236

HILL MODEL: Not applicable.

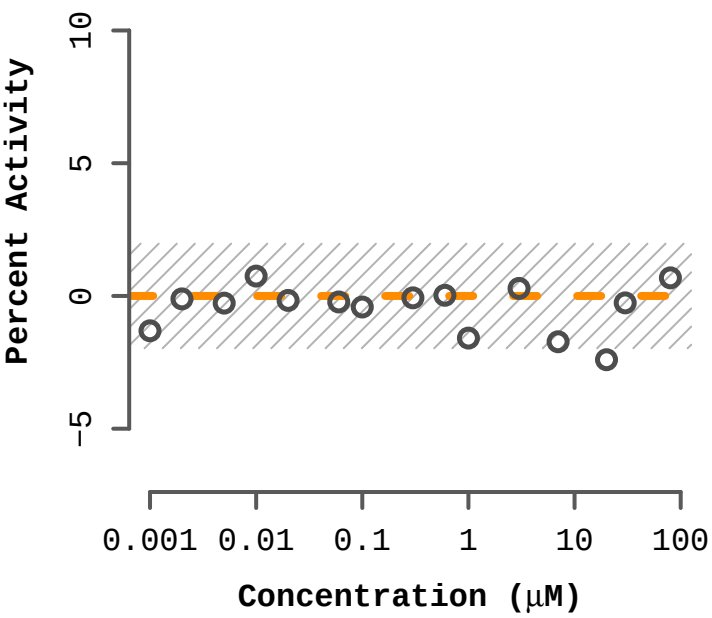
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	23.65	NA	NA
PROB:	1	NA	NA
RMSE:	0.49	NA	NA

MAX_MEAN: 1.07

MAX_MED: 1.07

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,1,3-Trimethyl-2-thiourea

CHID: 21404 CASRN: 2489-77-2

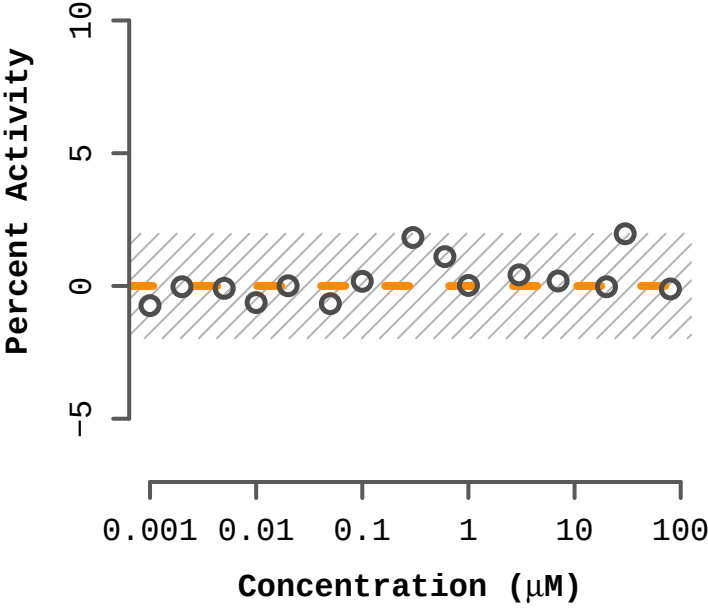
SPID(S): Tox21_201733

M4ID: 11454079

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.01	NA	NA
PROB:	1	NA	NA
RMSE:	0.98	NA	NA
MAX_MEAN:	0.75	MAX_MED: 0.75	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tris(2-chloroethyl) phosphate

CHID: 21411 **CASRN:** 115-96-8

SPID(S): Tox21_201254

M4ID: 11454558

HILL MODEL: Not applicable.

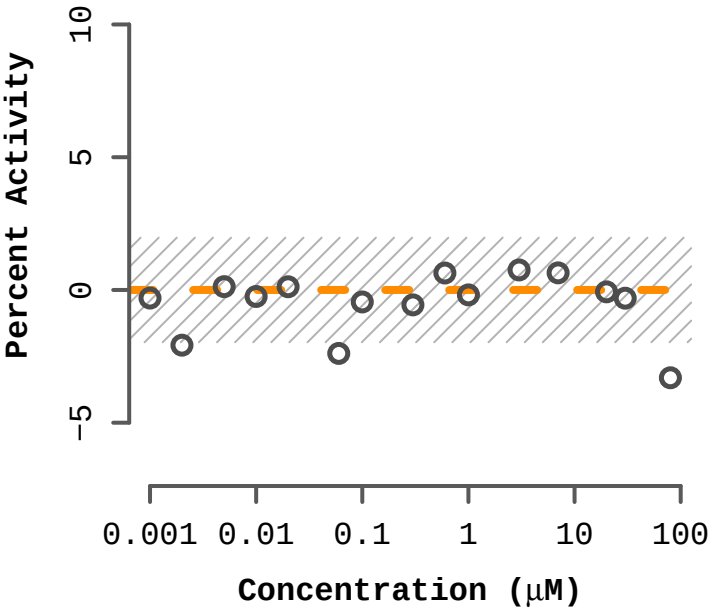
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.64	NA	NA
PROB:	1	NA	NA
RMSE:	0.82	NA	NA

MAX_MEAN: 1.97

MAX_MED: 1.97

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tris(2,3-dibromopropyl) phosphate

CHID: 21413 CASRN: 126-72-7

SPID(S): Tox21_201798

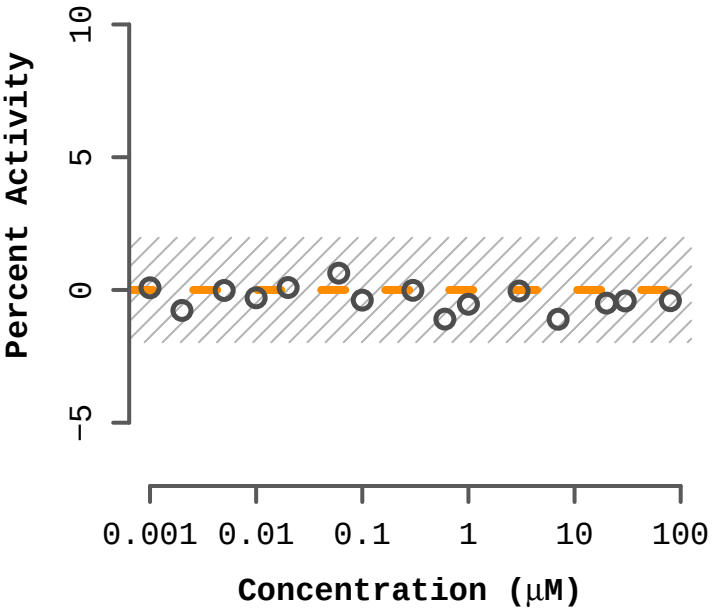
M4ID: 11454014

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.89	NA	NA
PROB:	1	NA	NA
RMSE:	1.24	NA	NA

MAX_MEAN: 0.754	MAX_MED: 0.754	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tris(2-ethylhexyl) phosphate

CHID: 21414 CASRN: 78-42-2

SPID(S): Tox21_201369

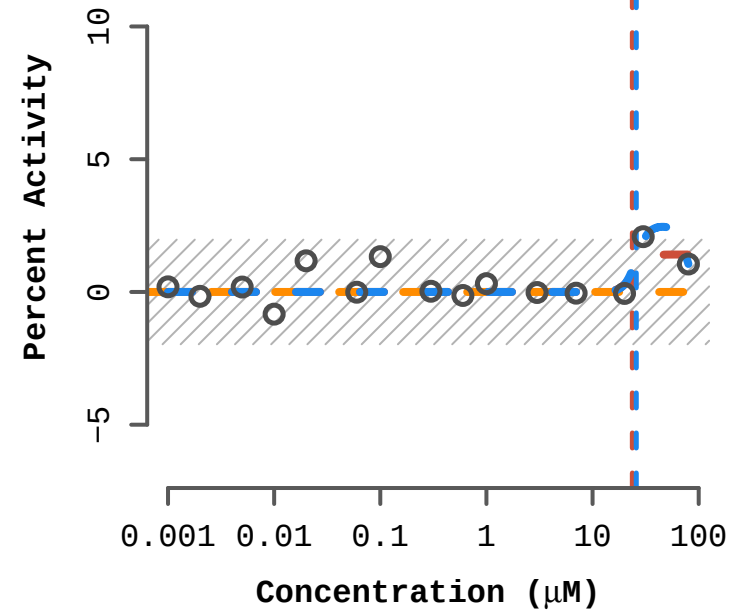
M4ID: 11454443

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	27.51	NA	NA
PROB:	1	NA	NA
RMSE:	0.55	NA	NA

MAX_MEAN:	0.634	MAX_MED:	0.634	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triisopropanolamine

CHID: 21415 CASRN: 122-20-3

SPID(S): Tox21_201952

M4ID: 11453860

HILL MODEL (in red):

	tp	ga	gw
val:	1.41	1.37	8
sd:	0.547	0.0586	6.35

GAIN-LOSS MODEL (in blue):

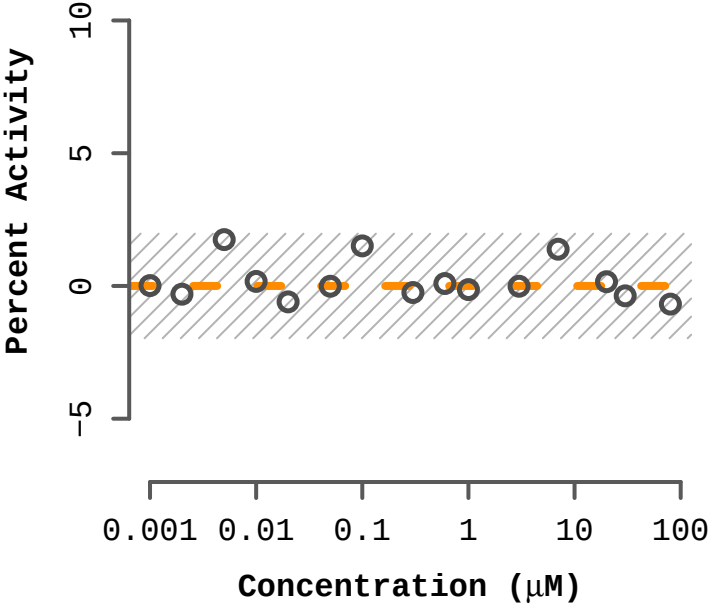
	tp	ga	gw	la	lw
val:	2.5	1.41	8	1.89	8.99
sd:	0.743	0.05	3.52	0.0396	21.6

	CNST	HILL	GNLS
AIC:	35.84	33.2	32.01
PROB:	0.09	0.32	0.59
RMSE:	0.8	0.58	0.53

MAX_MEAN: 2.08

MAX_MED: 2.08

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: l-Tryptophan

CHID: 21419 **CASRN:** 73-22-3

SPID(S): Tox21_201246

M4ID: 11454566

HILL MODEL: Not applicable.

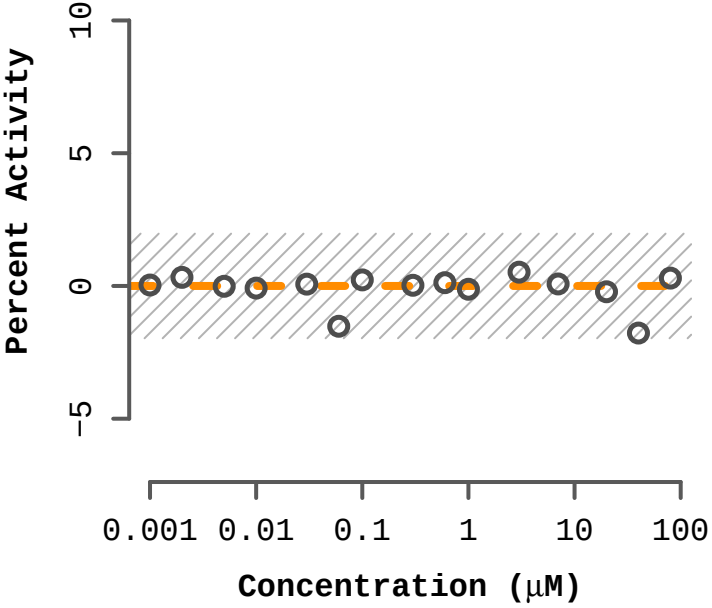
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.16	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 1.75

MAX_MED: 1.75

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Urea

CHID: 21426 **CASRN:** 57-13-6

SPID(S): Tox21_202158

M4ID: 11453654

HILL MODEL: Not applicable.

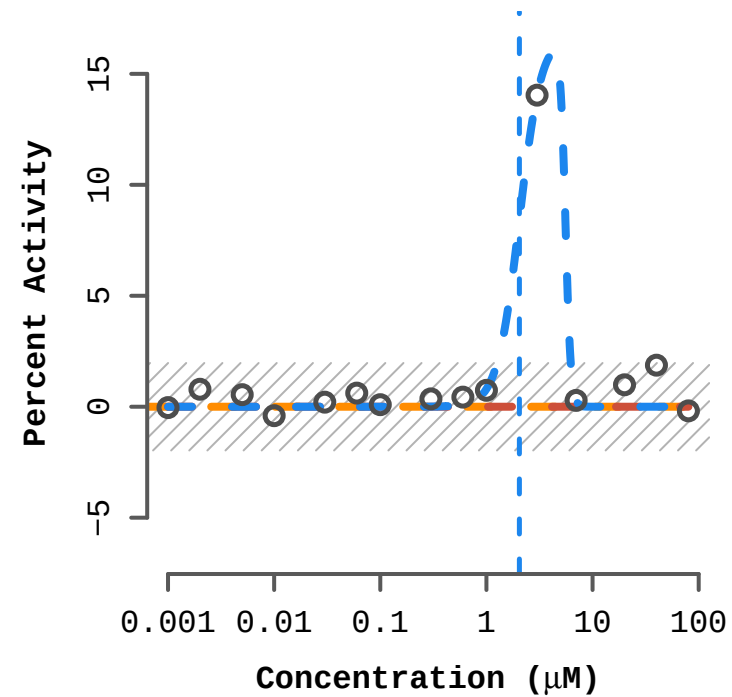
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	23.86	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 0.521

MAX_MED: 0.521

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Urethane

CHID: 21427 CASRN: 51-79-6

SPID(S): Tox21_201761

M4ID: 11454051

HILL MODEL (in red):

	tp	ga	gw
val:	9.81e-07	2.4	2.37
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

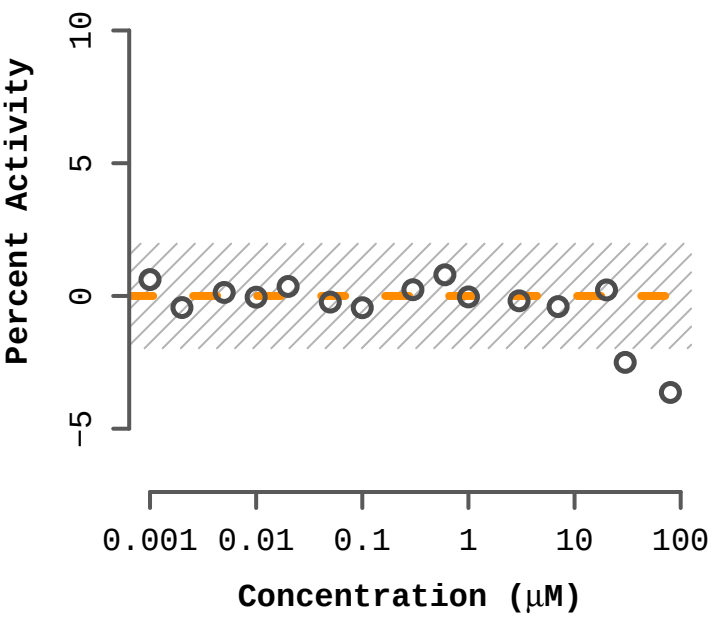
	tp	ga	gw	la	lw
val:	16.8	0.311	4.19	0.745	17.5
sd:	7.44	0.194	2.08	0.604	106

	CNST	HILL	GNLS
AIC:	56.79	62.79	38.95
PROB:	0	0	1
RMSE:	3.69	3.69	0.65

MAX_MEAN: 14

MAX_MED: 14

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

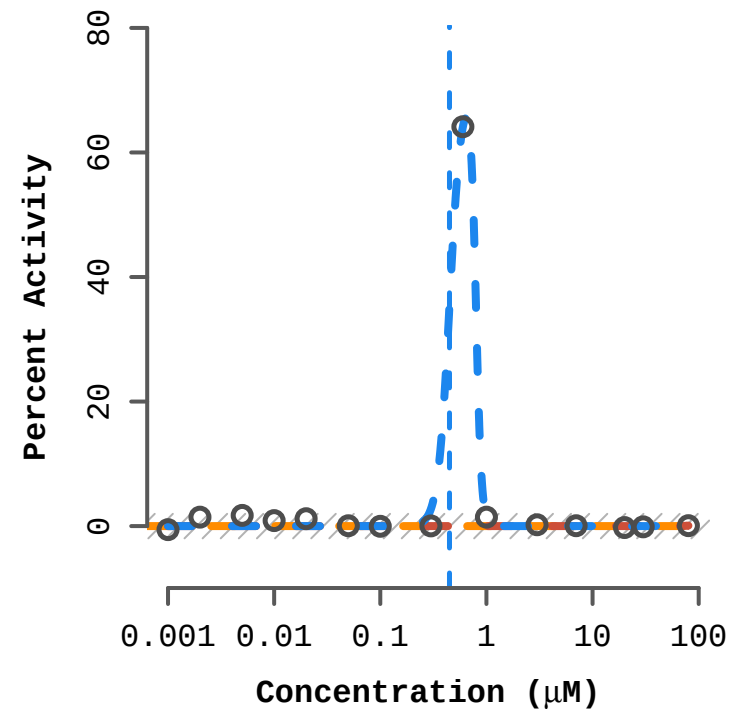
NAME: N-Vinyl-2-pyrrolidone
CHID: 21440 CASRN: 88-12-0
SPID(S): Tox21_202462
M4ID: 11453350

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.94	NA	NA
PROB:	1	NA	NA
RMSE:	1.19	NA	NA

MAX_MEAN: 0.798 MAX_MED: 0.798 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: FD&C Yellow 5

CHID: 21455 CASRN: 1934-21-0

SPID(S): Tox21_201539

M4ID: 11454273

HILL MODEL (in red):

	tp	ga	gw
val:	53.6	2.26	7.92
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

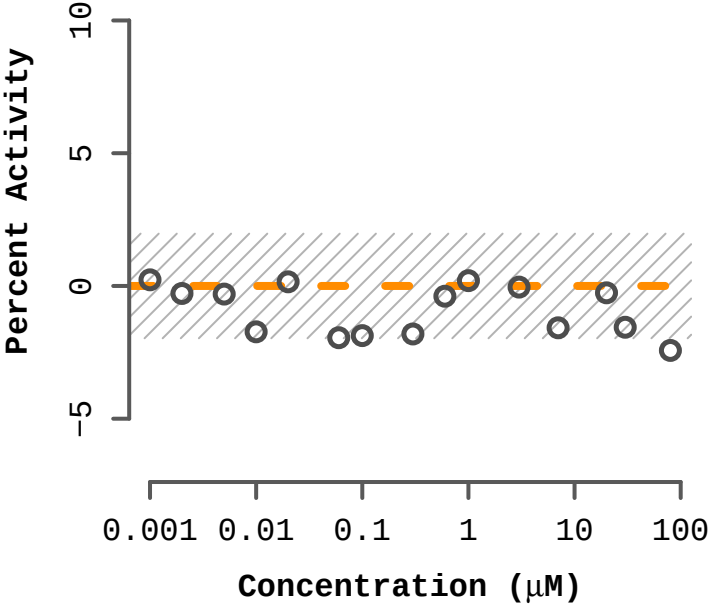
	tp	ga	gw	la	lw
val:	71	-0.348	7.96	-0.098	17.2
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	75.76	81.75	52.24
PROB:	0	0	1
RMSE:	16.58	16.58	1.01

MAX_MEAN: 64.1

MAX_MED: 64.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: FD&C Yellow 6

CHID: 21456 CASRN: 2783-94-0

SPID(S): Tox21_201897

M4ID: 11453915

HILL MODEL: Not applicable.

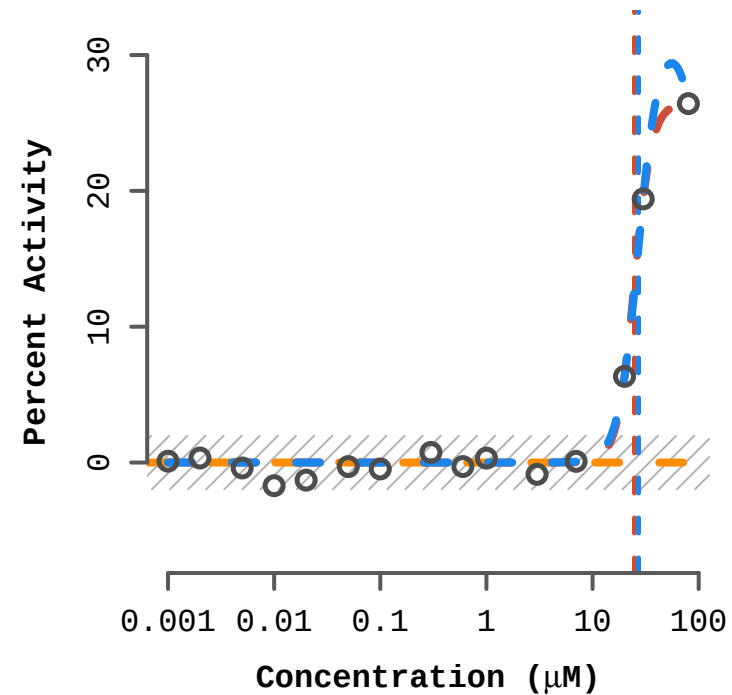
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.46	NA	NA
PROB:	1	NA	NA
RMSE:	1.29	NA	NA

MAX_MEAN: 0.233

MAX_MED: 0.233

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ziram

CHID: 21464 CASRN: 137-30-4

SPID(S): Tox21_201910

M4ID: 11453902

HILL MODEL (in red):

	tp	ga	gw
val:	26.5	1.39	5.34
sd:	0.39	0.00617	0.312

GAIN-LOSS MODEL (in blue):

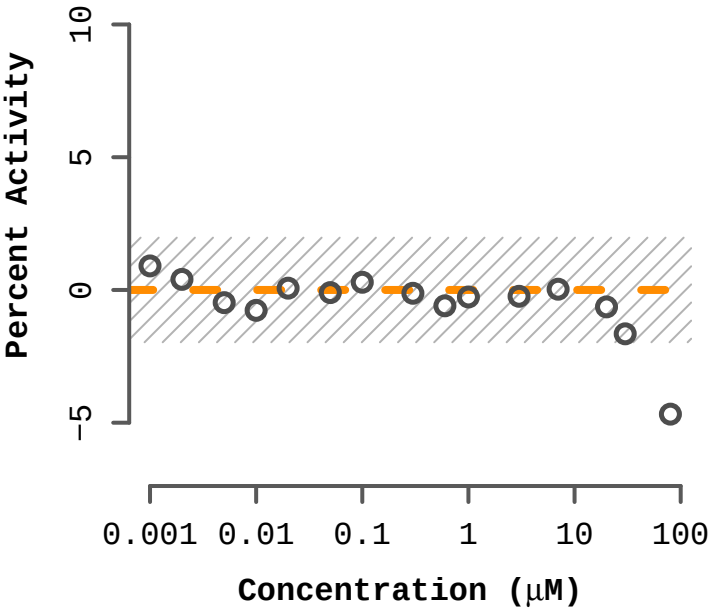
	tp	ga	gw	la	lw
val:	31.7	1.43	4.56	2.07	4.39
sd:	0.857	0.00696	0.261	0.0142	0.567

	CNST	HILL	GNLS
AIC:	95.47	37	40.99
PROB:	0	0.88	0.12
RMSE:	8.65	0.67	0.67

MAX_MEAN: 26.4

MAX_MED: 26.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,7-Acetylaminofluorene

CHID: 21479 CASRN: 304-28-9

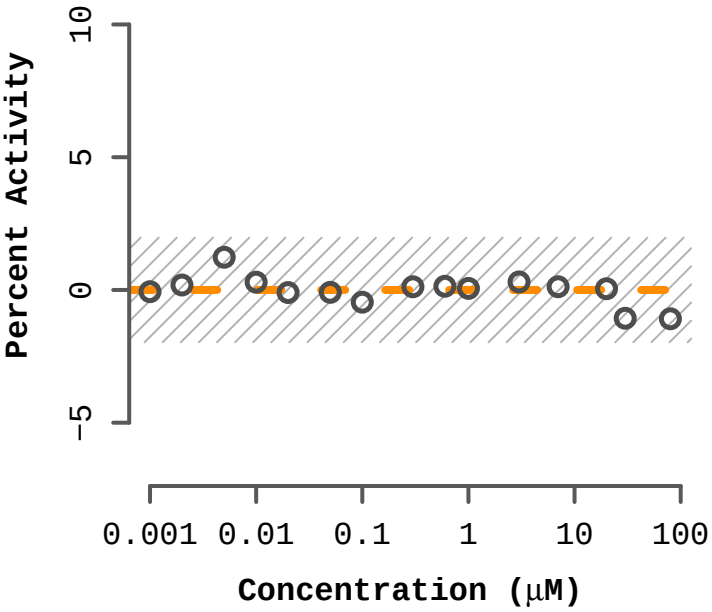
SPID(S): Tox21_201518

M4ID: 11454294

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	43.71	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.35	NA	NA	
MAX_MEAN:	0.906	MAX_MED:	0.906	
			BMAD:	0.657



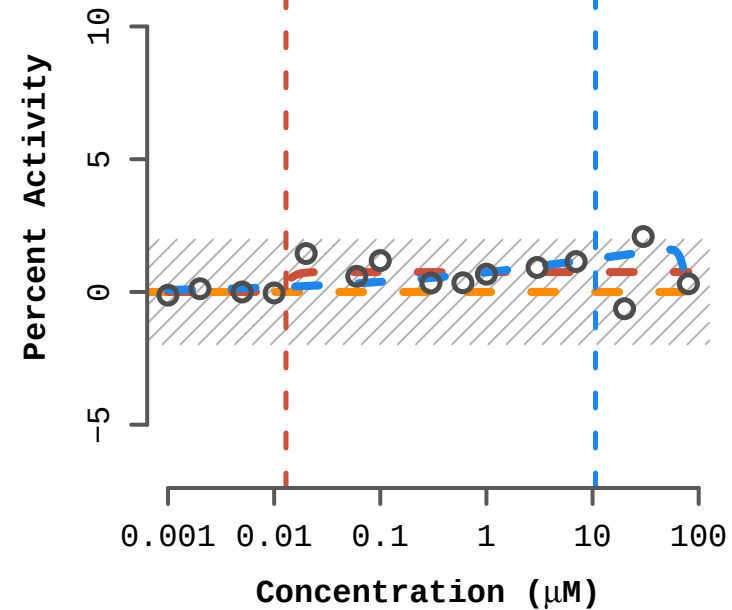
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenylacetaldehyde
CHID: 21483 **CASRN:** 122-78-1
SPID(S): Tox21_201582
M4ID: 11454230

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	23.68	NA	NA
PROB:	1	NA	NA
RMSE:	0.54	NA	NA
MAX_MEAN:	1.23	MAX_MED:	1.23
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,4-Benzenetricarboxylic acid

CHID: 21487 CASRN: 528-44-9

SPID(S): Tox21_201939

M4ID: 11453873

HILL MODEL (in red):

	tp	ga	gw
val:	0.748	-1.89	8
sd:	0.169	0.143	7.77

GAIN-LOSS MODEL (in blue):

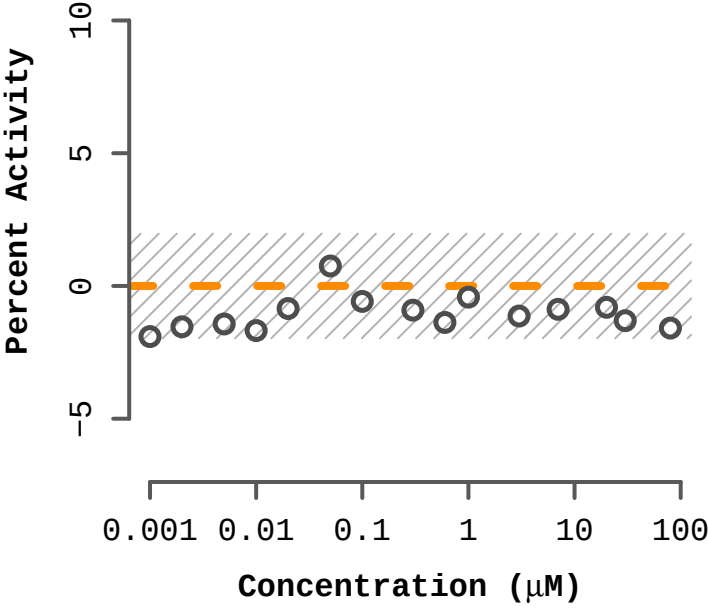
	tp	ga	gw	la	lw
val:	2.51	1.03	0.368	1.86	15.2
sd:	2.98	2.22	0.185	0.122	41.5

	CNST	HILL	GNLS
AIC:	40.96	33.27	37.96
PROB:	0.02	0.9	0.09
RMSE:	0.88	0.59	0.68

MAX_MEAN: 2.09

MAX_MED: 2.09

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzonitrile

CHID: 21491 CASRN: 100-47-0

SPID(S): Tox21_201982

M4ID: 11453830

HILL MODEL: Not applicable.

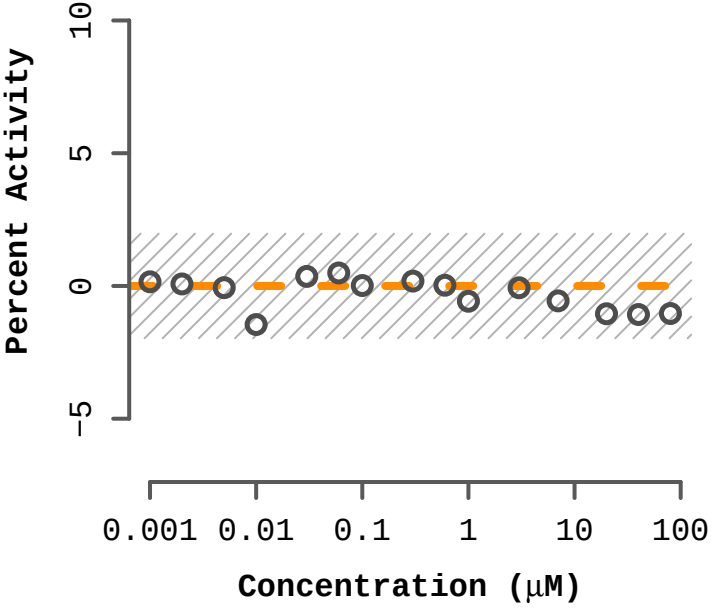
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.4	NA	NA
PROB:	1	NA	NA
RMSE:	1.22	NA	NA

MAX_MEAN: 0.753

MAX_MED: 0.753

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bromoacetonitrile

CHID: 21496 **CASRN:** 590-17-0

SPID(S): Tox21_202207

M4ID: 11453605

HILL MODEL: Not applicable.

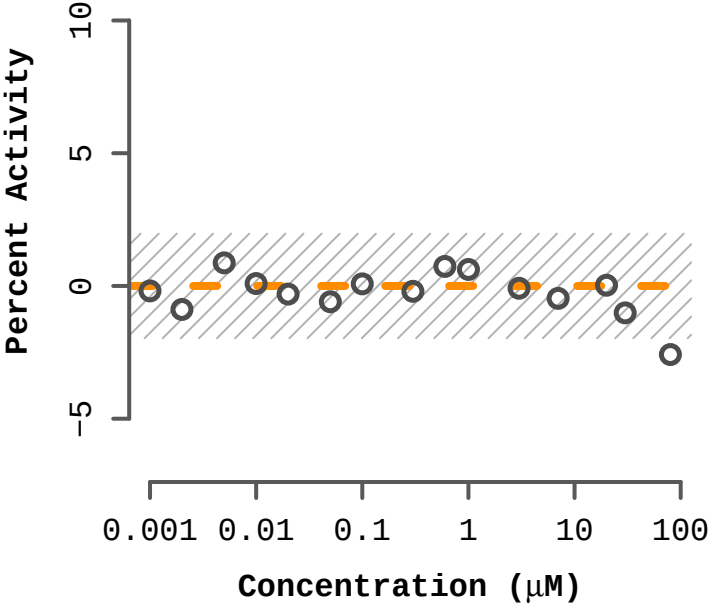
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.32	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA

MAX_MEAN: 0.491

MAX_MED: 0.491

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Bromobenzothiazole

CHID: 21498 CASRN: 2516-40-7

SPID(S): Tox21_202134

M4ID: 11453678

HILL MODEL: Not applicable.

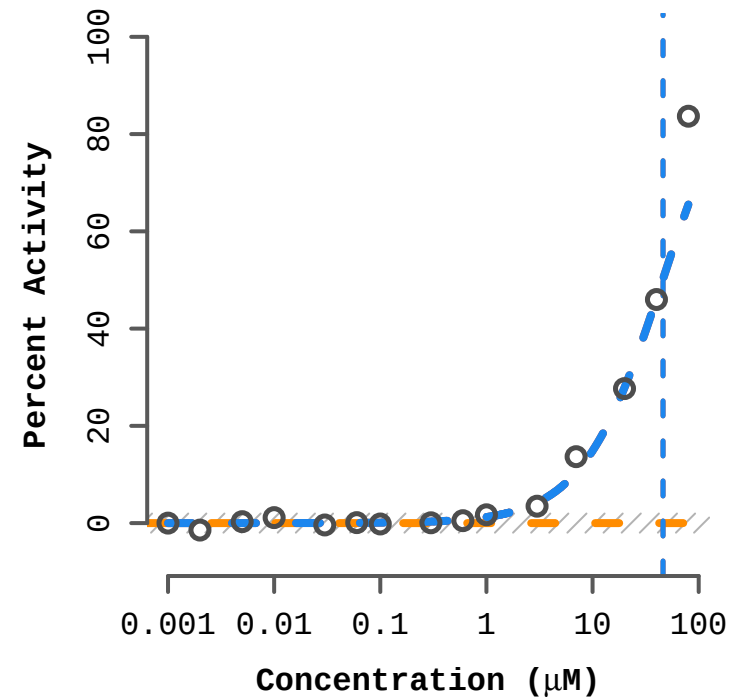
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.93	NA	NA
PROB:	1	NA	NA
RMSE:	0.85	NA	NA

MAX_MEAN: 0.871

MAX_MED: 0.871

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Butanoic acid

CHID: 21515 CASRN: 107-92-6

SPID(S): Tox21_202382

M4ID: 11453430

HILL MODEL (in red):

	tp	ga	gw
val:	100	1.66	1.14
sd:	3.63	0.0231	0.0525

GAIN-LOSS MODEL (in blue):

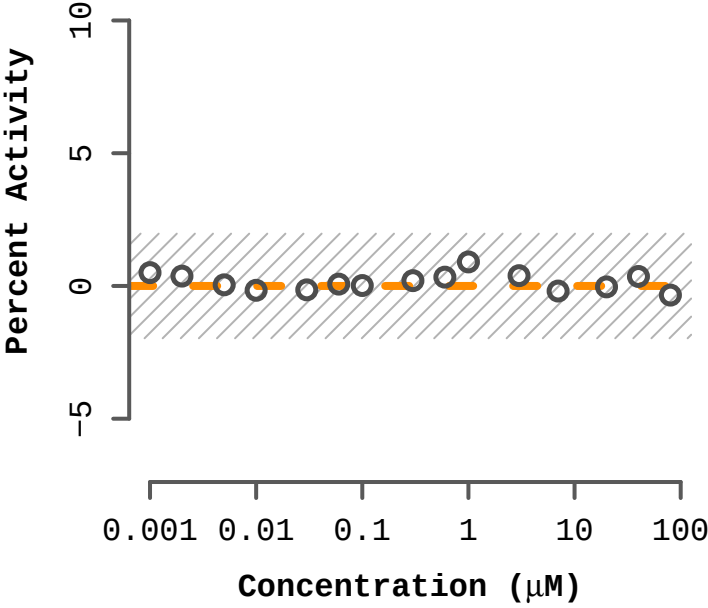
	tp	ga	gw	la	lw
val:	100	1.66	1.14	2.65	17.3
sd:	3.63	0.0231	0.0525	19500	430000

	CNST	HILL	GNLS
AIC:	131.65	70.53	74.53
PROB:	0	0.88	0.12
RMSE:	25.94	4.8	4.8

MAX_MEAN: 83.7

MAX_MED: 83.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Maleic acid

CHID: 21517 CASRN: 110-16-7

SPID(S): Tox21_202193

M4ID: 11453619

HILL MODEL: Not applicable.

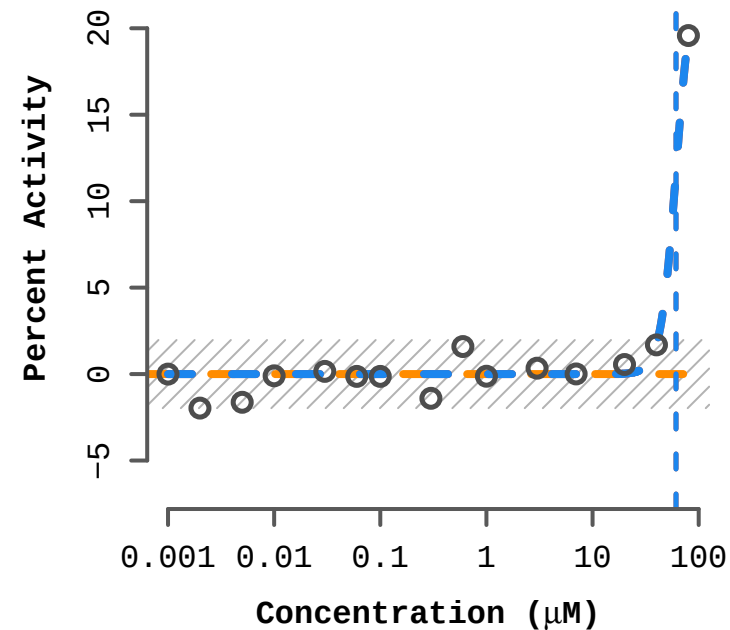
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	13.27	NA	NA
PROB:	1	NA	NA
RMSE:	0.35	NA	NA

MAX_MEAN: 0.907

MAX_MED: 0.907

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fumaric acid

CHID: 21518 CASRN: 110-17-8

SPID(S): Tox21_201769

M4ID: 11454043

HILL MODEL (in red):

	tp	ga	gw
val:	23.5	1.79	5.99
sd:	2.06	0.0256	1.01

GAIN-LOSS MODEL (in blue):

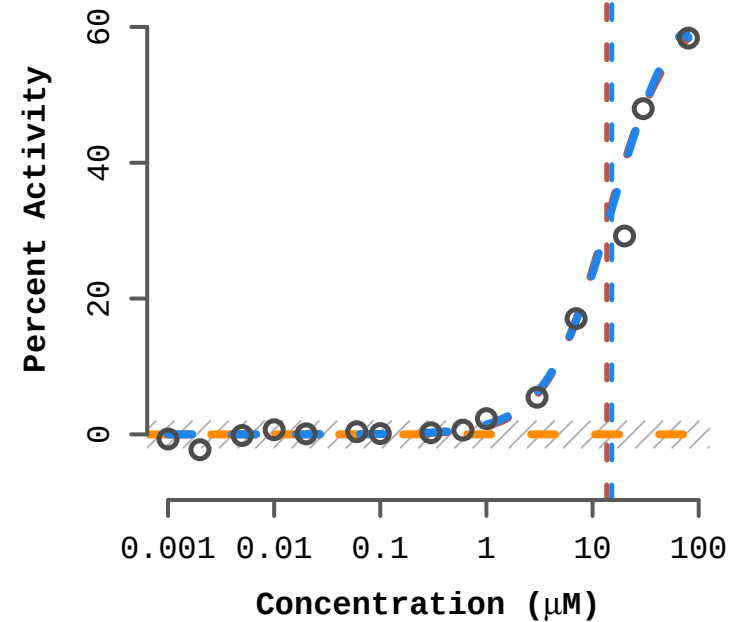
	tp	ga	gw	la	lw
val:	23.5	1.79	5.99	3.84	16.1
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	67.95	44.76	48.76
PROB:	0	0.88	0.12
RMSE:	5.15	0.88	0.88

MAX_MEAN: 19.6

MAX_MED: 19.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(2-Butoxyethoxy)ethanol

CHID: 21519 CASRN: 112-34-5

SPID(S): Tox21_202404

M4ID: 11453408

HILL MODEL (in red):

	tp	ga	gw
val:	62.5	1.13	1.49
sd:	0.817	0.0149	0.0451

GAIN-LOSS MODEL (in blue):

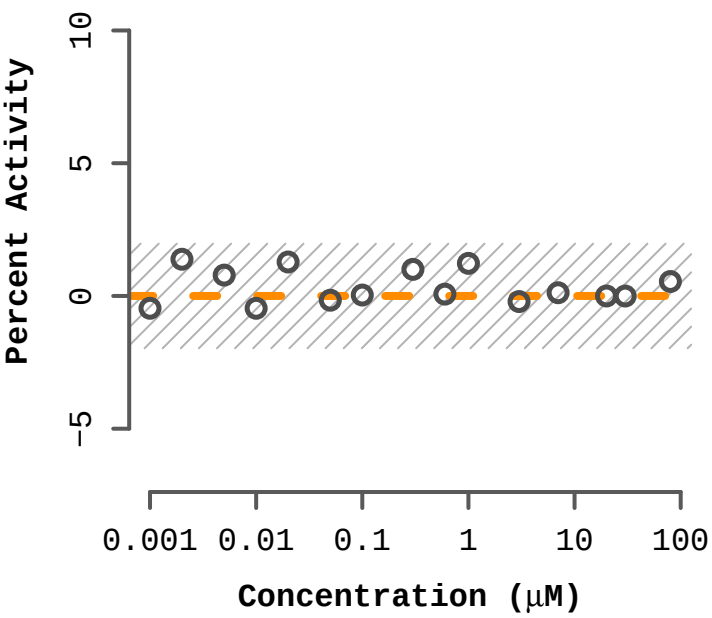
	tp	ga	gw	la	lw
val:	66.3	1.18	1.4	2.01	13.1
sd:	1.47	0.0209	0.0458	0.0143	2.17

	CNST	HILL	GNLS
AIC:	130.26	58.85	62.65
PROB:	0	0.87	0.13
RMSE:	21.44	2.88	2.75

MAX_MEAN: 58.4

MAX_MED: 58.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-[2-(2-Butoxyethoxy)ethoxy]ethanol

CHID: 21520 CASRN: 143-22-6

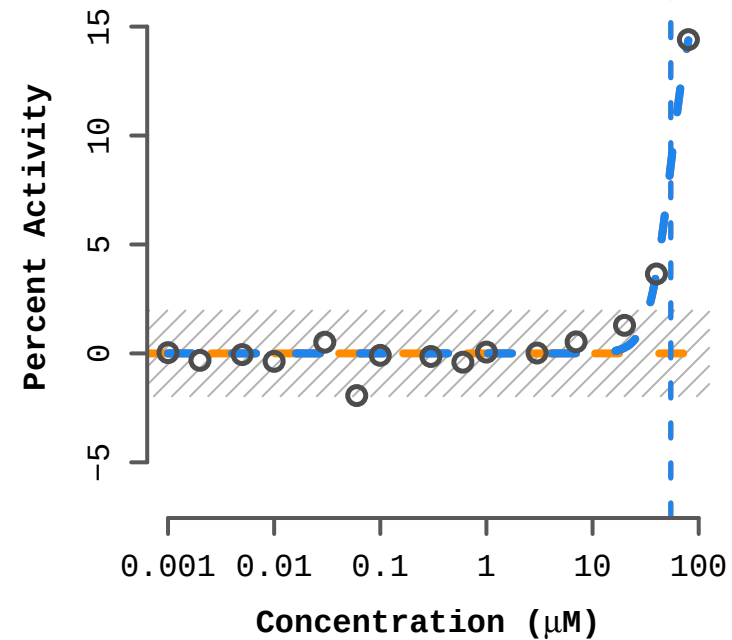
SPID(S): Tox21_201885

M4ID: 11453927

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	34.74	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.71	NA	NA	
MAX_MEAN:	1.38	MAX_MED:	1.38	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Chlorooctane

CHID: 21543 CASRN: 111-85-3

SPID(S): Tox21_201715

M4ID: 11454097

HILL MODEL (in red):

	tp	ga	gw
val:	17.3	1.74	4.17
sd:	0.795	0.017	0.368

GAIN-LOSS MODEL (in blue):

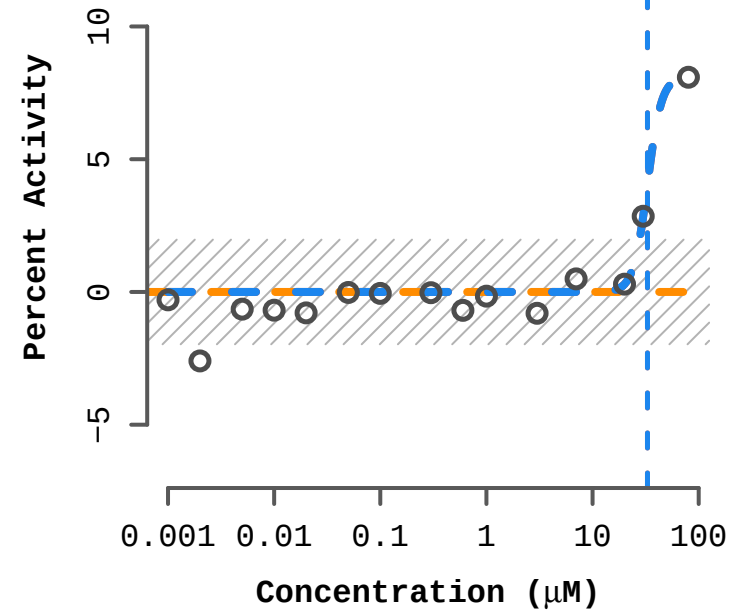
	tp	ga	gw	la	lw
val:	17.3	1.74	4.17	3.66	4.73
sd:	0.796	0.017	0.368	1860	5030

	CNST	HILL	GNLS
AIC:	64.66	30.88	34.88
PROB:	0	0.88	0.12
RMSE:	3.89	0.62	0.62

MAX_MEAN: 14.4

MAX_MED: 14.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Chlorophenol

CHID: 21544 CASRN: 95-57-8

SPID(S): Tox21_201410

M4ID: 11454402

HILL MODEL (in red):

	tp	ga	gw
val:	8.11	1.52	6.56
sd:	0.432	0.0252	3

GAIN-LOSS MODEL (in blue):

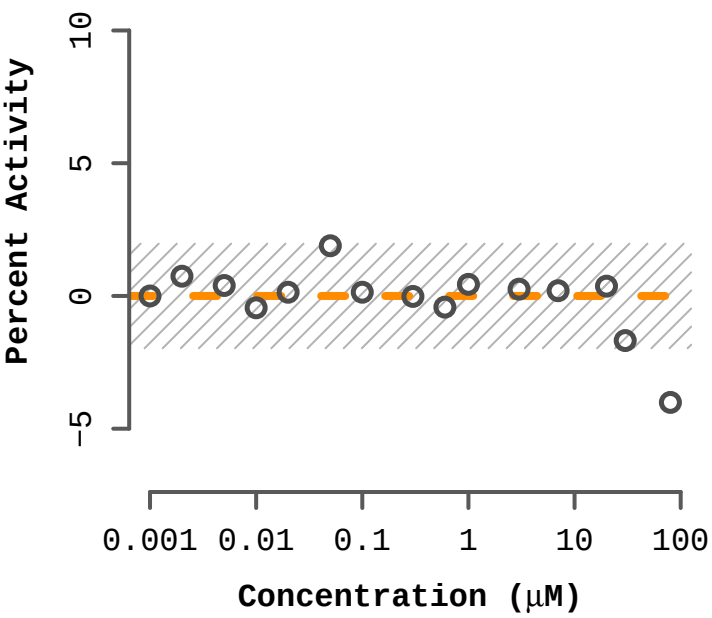
	tp	ga	gw	la	lw
val:	8.11	1.52	6.56	3.84	4.45
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	59.8	39.01	43.01
PROB:	0	0.88	0.12
RMSE:	2.36	0.81	0.81

MAX_MEAN: 8.09

MAX_MED: 8.09

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Decanoic acid

CHID: 21554 **CASRN:** 334-48-5

SPID(S): Tox21_202209

M4ID: 11453603

HILL MODEL: Not applicable.

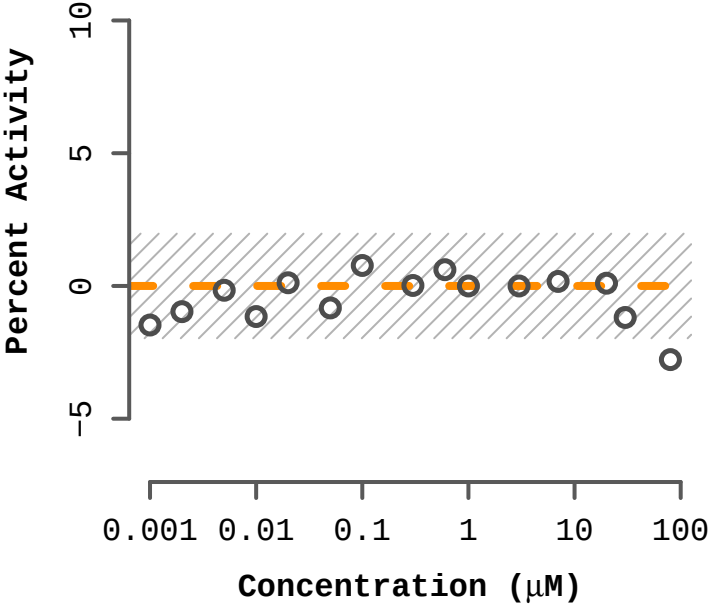
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.11	NA	NA
PROB:	1	NA	NA
RMSE:	1.27	NA	NA

MAX_MEAN: 1.89

MAX_MED: 1.89

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dalapon

CHID: 21575 CASRN: 75-99-0

SPID(S): Tox21_201510

M4ID: 11454302

HILL MODEL: Not applicable.

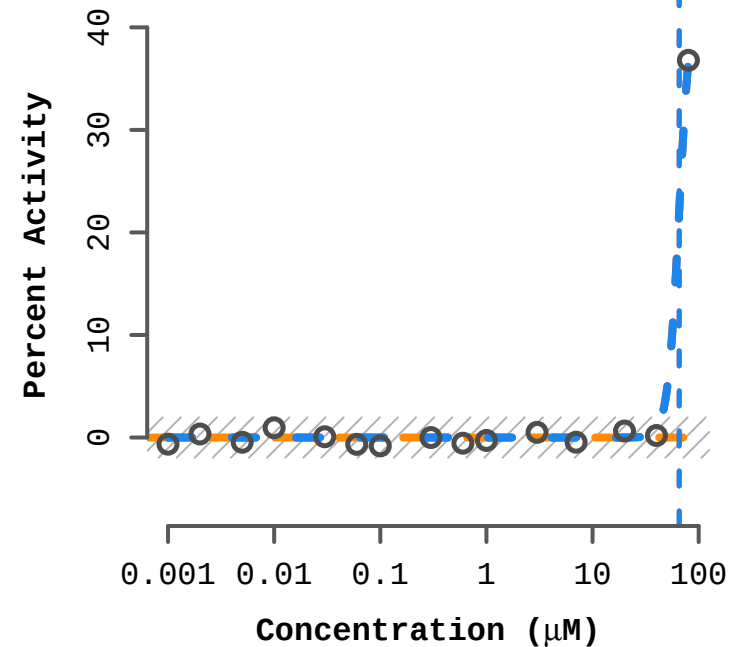
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.51	NA	NA
PROB:	1	NA	NA
RMSE:	1.01	NA	NA

MAX_MEAN: 0.773

MAX_MED: 0.773

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Dichloropropanone

CHID: 21577 CASRN: 534-07-6

SPID(S): Tox21_201433

M4ID: 11454379

HILL MODEL (in red):

	tp	ga	gw
val:	44.2	1.82	8
sd:	1.25	0.00729	0.749

GAIN-LOSS MODEL (in blue):

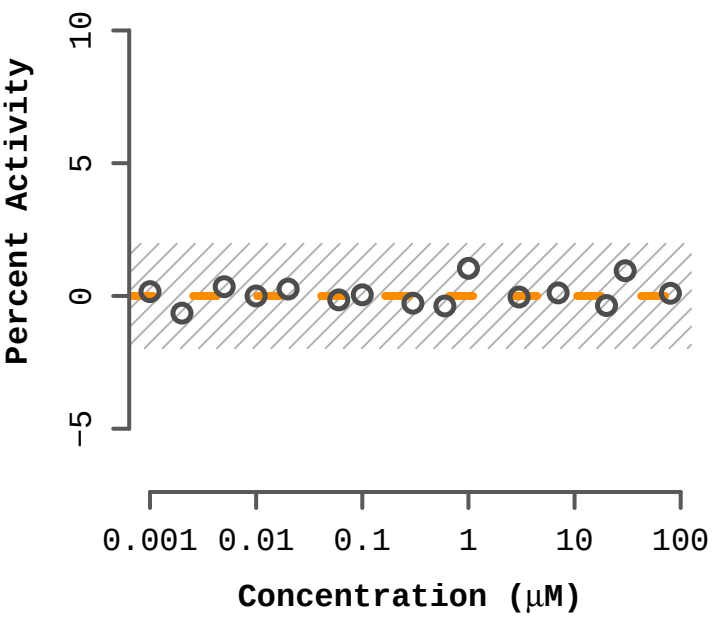
	tp	ga	gw	la	lw
val:	44.2	1.82	8	3	12
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	62.45	34.69	38.69
PROB:	0	0.88	0.12
RMSE:	9.51	0.54	0.54

MAX_MEAN: 36.8

MAX_MED: 36.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 6,10-Dimethyl-5,9-undecadiene-2-one

CHID: 21586 **CASRN:** 689-67-8

SPID(S): Tox21_202156

M4ID: 11453656

HILL MODEL: Not applicable.

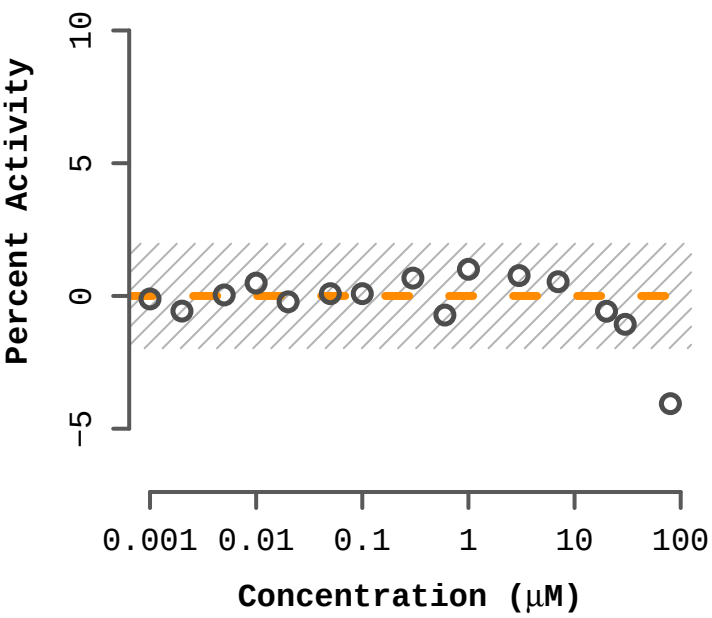
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	19.71	NA	NA
PROB:	1	NA	NA
RMSE:	0.45	NA	NA

MAX_MEAN: 1.04

MAX_MED: 1.04

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dodecanoic acid

CHID: 21590 **CASRN:** 143-07-7

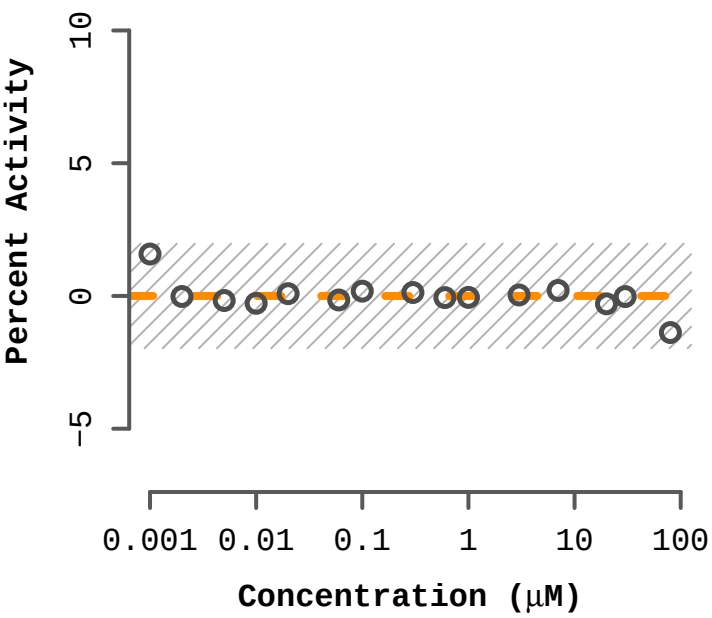
SPID(S): Tox21_202149

M4ID: 11453663

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.75	NA	NA
PROB:	1	NA	NA
RMSE:	1.19	NA	NA
MAX_MEAN: 1.01		MAX_MED: 1.01	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Heptanal

CHID: 21597 **CASRN:** 111-71-7

SPID(S): Tox21_202173

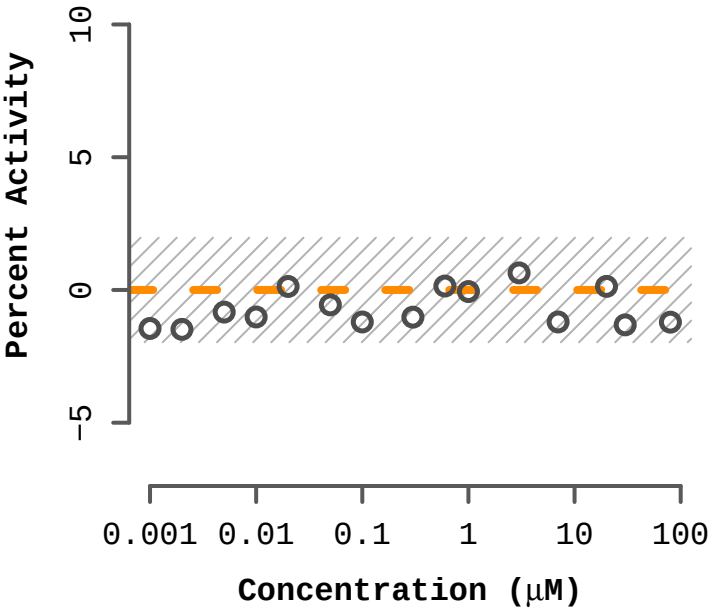
M4ID: 11453639

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.41	NA	NA
PROB:	1	NA	NA
RMSE:	0.56	NA	NA

MAX_MEAN:	1.58	MAX_MED:	1.58	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

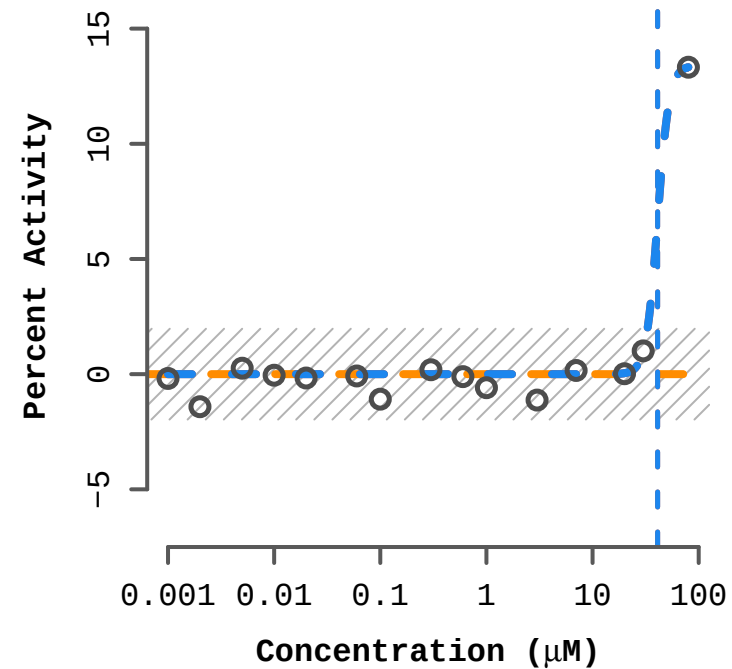
NAME: Heptanoic acid
CHID: 21600 CASRN: 111-14-8
SPID(S): Tox21_201830
M4ID: 11453982

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.96	NA	NA
PROB:	1	NA	NA
RMSE:	0.96	NA	NA

MAX_MEAN: 0.644 MAX_MED: 0.644 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexachloroacetone

CHID: 21601 CASRN: 116-16-5

SPID(S): Tox21_201773

M4ID: 11454039

HILL MODEL (in red):

	tp	ga	gw
val:	13.4	1.61	8
sd:	0.374	0.0548	3.15

GAIN-LOSS MODEL (in blue):

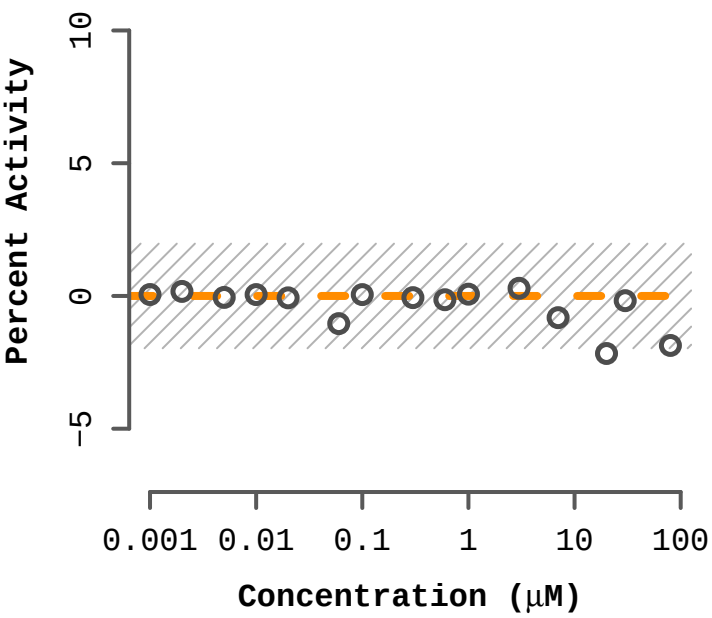
	tp	ga	gw	la	lw
val:	13.4	1.61	8	3.84	1.35
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	55.06	31.27	35.27
PROB:	0	0.88	0.12
RMSE:	3.5	0.58	0.58

MAX_MEAN: 13.3

MAX_MED: 13.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexadecanoic acid

CHID: 21602 CASRN: 57-10-3

SPID(S): Tox21_201671

M4ID: 11454141

HILL MODEL: Not applicable.

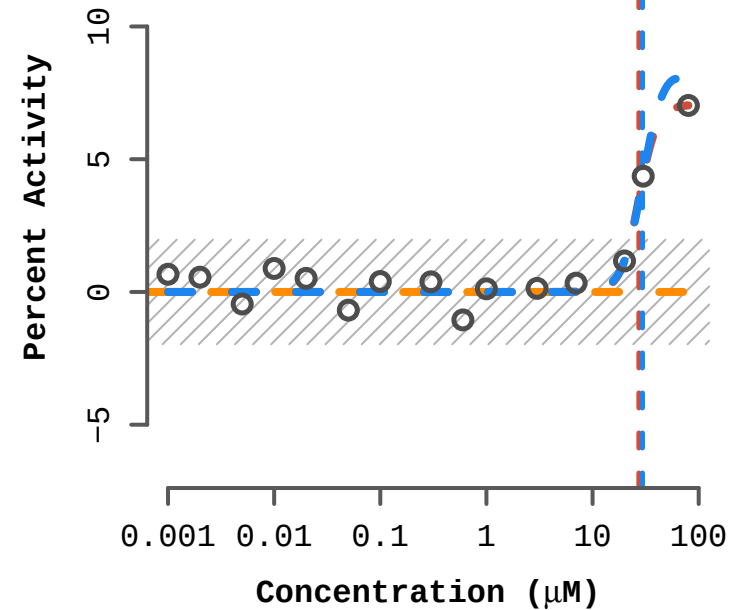
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.72	NA	NA
PROB:	1	NA	NA
RMSE:	0.82	NA	NA

MAX_MEAN: 0.29

MAX_MED: 0.29

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (E)-Hexadec-9-enoic acid

CHID: 21603 CASRN: 10030-73-6

SPID(S): Tox21_202178

M4ID: 11453634

HILL MODEL (in red):

	tp	ga	gw
val:	7.06	1.44	5.15
sd:	0.412	0.0211	1.23

GAIN-LOSS MODEL (in blue):

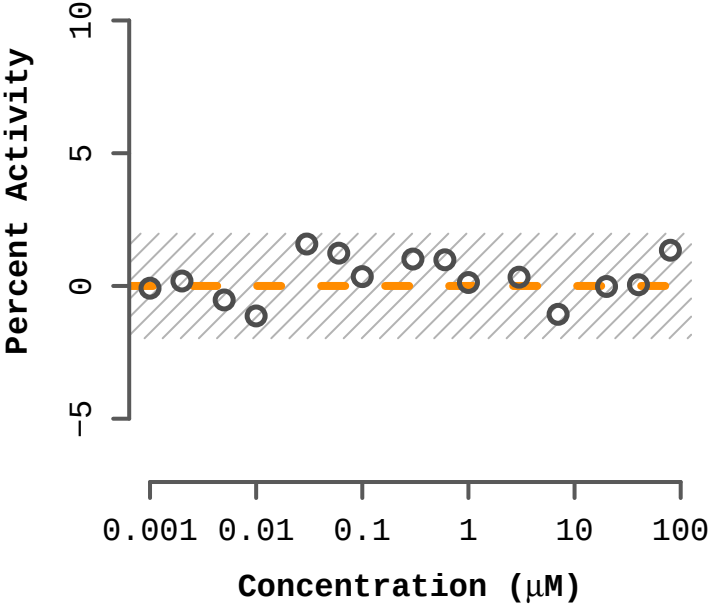
	tp	ga	gw	la	lw
val:	8.43	1.47	4.64	1.98	9.37
sd:	3.04	0.0695	1.37	0.0289	13.1

	CNST	HILL	GNLS
AIC:	59.27	32.34	36.32
PROB:	0	0.88	0.12
RMSE:	2.22	0.52	0.52

MAX_MEAN: 7.03

MAX_MED: 7.03

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexanal

CHID: 21604 CASRN: 66-25-1

SPID(S): Tox21_201933

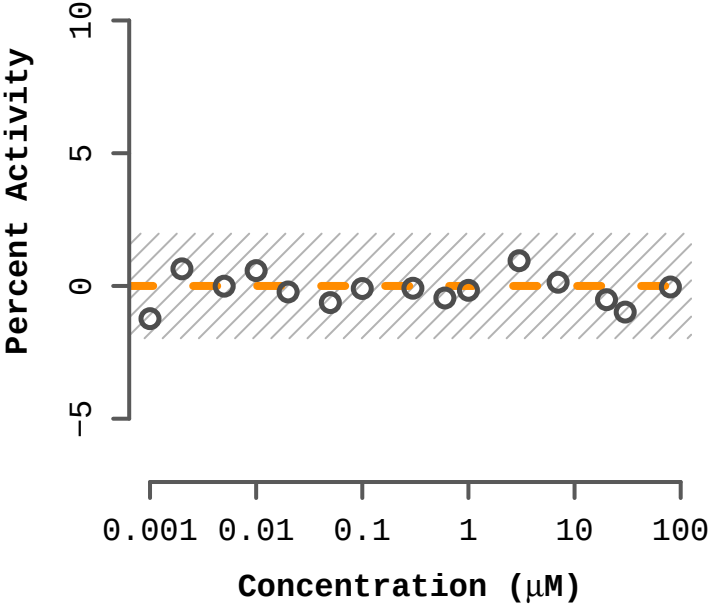
M4ID: 11453879

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.27	NA	NA
PROB:	1	NA	NA
RMSE:	0.85	NA	NA

MAX_MEAN: 1.58	MAX_MED: 1.58	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexanedioic acid

CHID: 21605 CASRN: 124-04-9

SPID(S): Tox21_202161

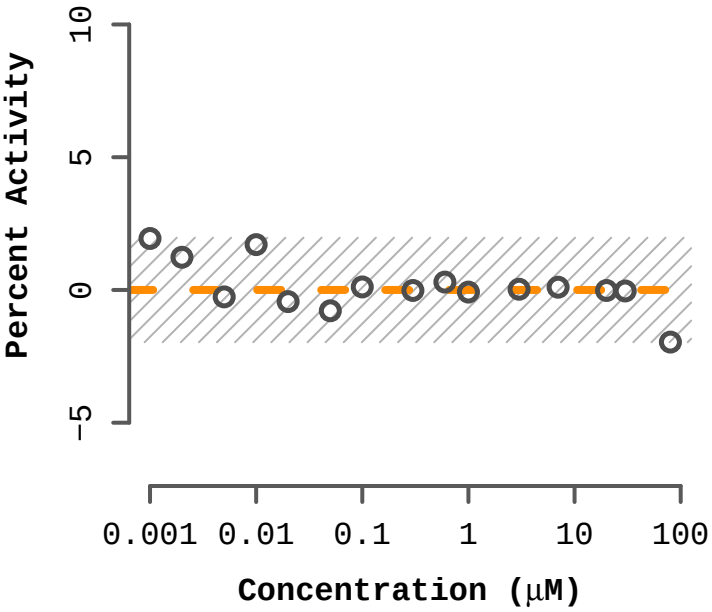
M4ID: 11453651

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.34	NA	NA
PROB:	1	NA	NA
RMSE:	0.58	NA	NA

MAX_MEAN: 0.953 MAX_MED: 0.953 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexanoic acid

CHID: 21607 CASRN: 142-62-1

SPID(S): Tox21_201517

M4ID: 11454295

HILL MODEL: Not applicable.

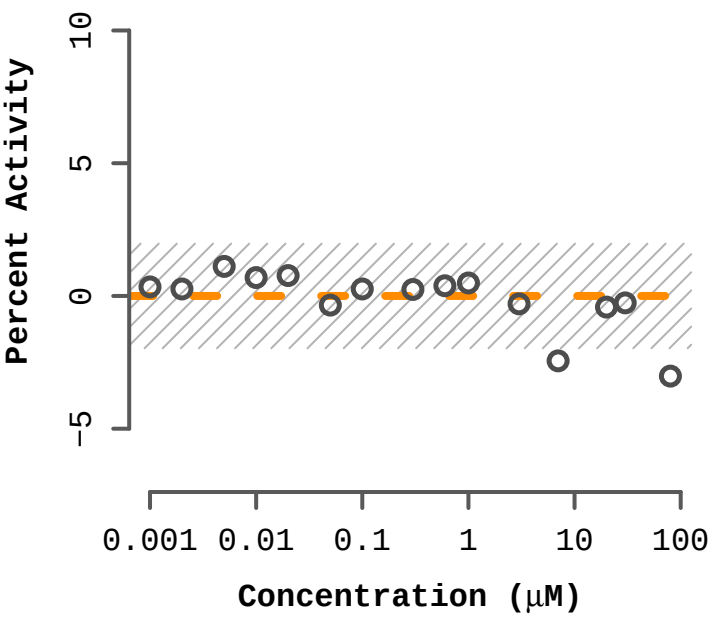
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.15	NA	NA
PROB:	1	NA	NA
RMSE:	0.93	NA	NA

MAX_MEAN: 1.94

MAX_MED: 1.94

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Methylbenzoic acid

CHID: 21617 CASRN: 99-04-7

SPID(S): Tox21_201591

M4ID: 11454221

HILL MODEL: Not applicable.

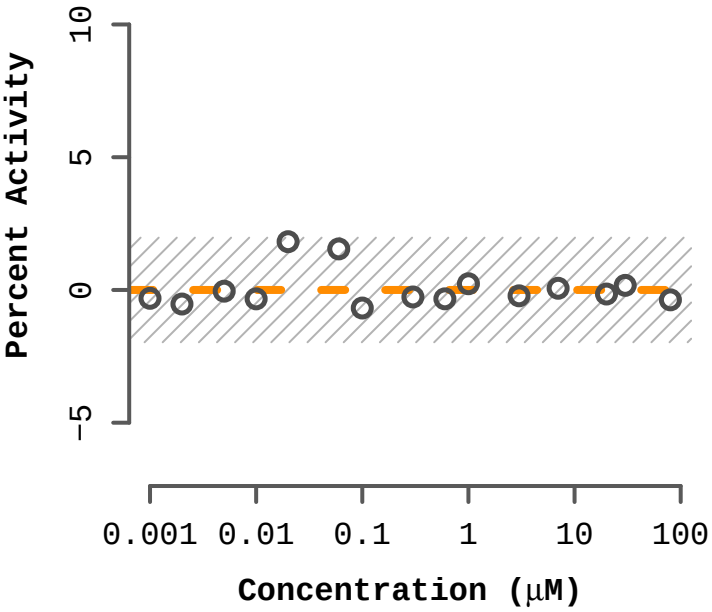
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.08	NA	NA
PROB:	1	NA	NA
RMSE:	1.11	NA	NA

MAX_MEAN: 1.11

MAX_MED: 1.11

BMAD: 0.657



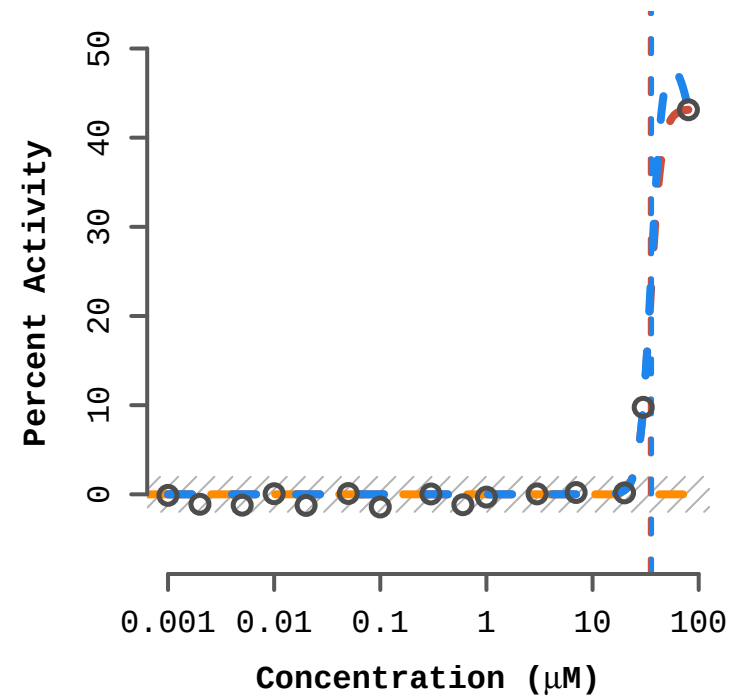
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methylbutanoic acid
CHID: 21621 CASRN: 116-53-0
SPID(S): Tox21_201807
M4ID: 11454005

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.25	NA	NA
PROB:	1	NA	NA
RMSE:	0.69	NA	NA
MAX_MEAN:	1.82	MAX_MED: 1.82	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Isopropylbenzyl alcohol

CHID: 21626 CASRN: 536-60-7

SPID(S): Tox21_202025

M4ID: 11453787

HILL MODEL (in red):

	tp	ga	gw
val:	43.2	1.54	8
sd:	0.491	0.00569	0.425

GAIN-LOSS MODEL (in blue):

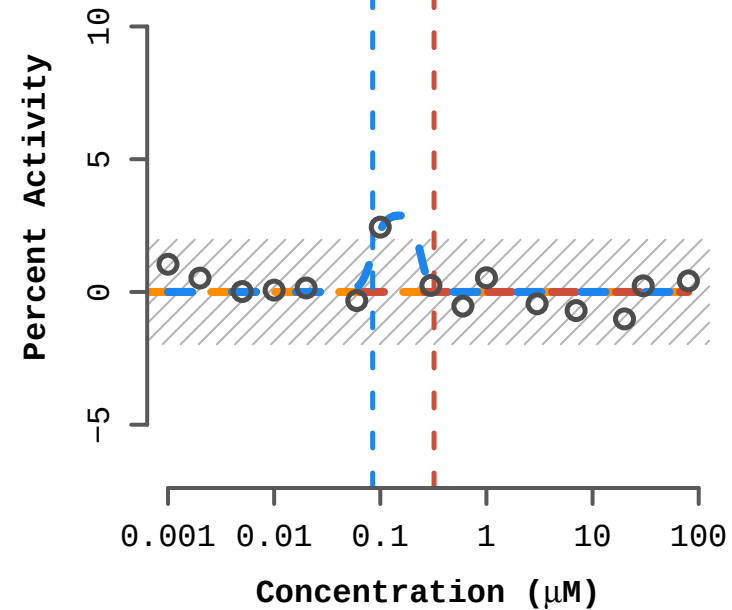
	tp	ga	gw	la	lw
val:	51.8	1.56	8	2.1	3.57
sd:	1.34	0.00555	0.37	0.0119	0.367

	CNST	HILL	GNLS
AIC:	86.13	40.79	44.75
PROB:	0	0.88	0.12
RMSE:	11.44	0.72	0.72

MAX_MEAN: 43.1

MAX_MED: 43.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 5-Methyl-2-furancarboxylic acid

CHID: 21627 CASRN: 1917-15-3

SPID(S): Tox21_202200

M4ID: 11453612

HILL MODEL (in red):

	tp	ga	gw
val:	3.3e-11	-0.494	1.87
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

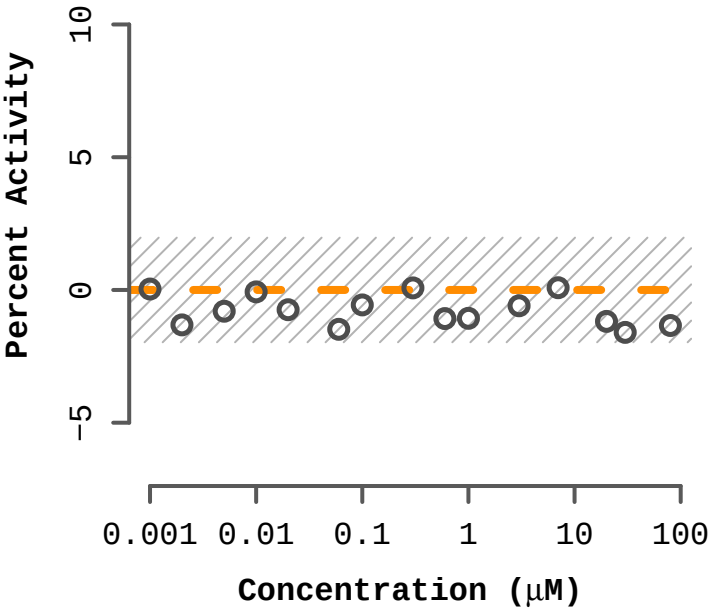
	tp	ga	gw	la	lw
val:	2.93	-1.07	8	-0.622	10.4
sd:	1.12	0.0736	4.08	0.444	46

	CNST	HILL	GNLS
AIC:	35.94	41.94	36.67
PROB:	0.57	0.03	0.4
RMSE:	0.82	0.82	0.53

MAX_MEAN: 2.44

MAX_MED: 2.44

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 6-Methyl-5-hepten-2-one

CHID: 21629 CASRN: 110-93-0

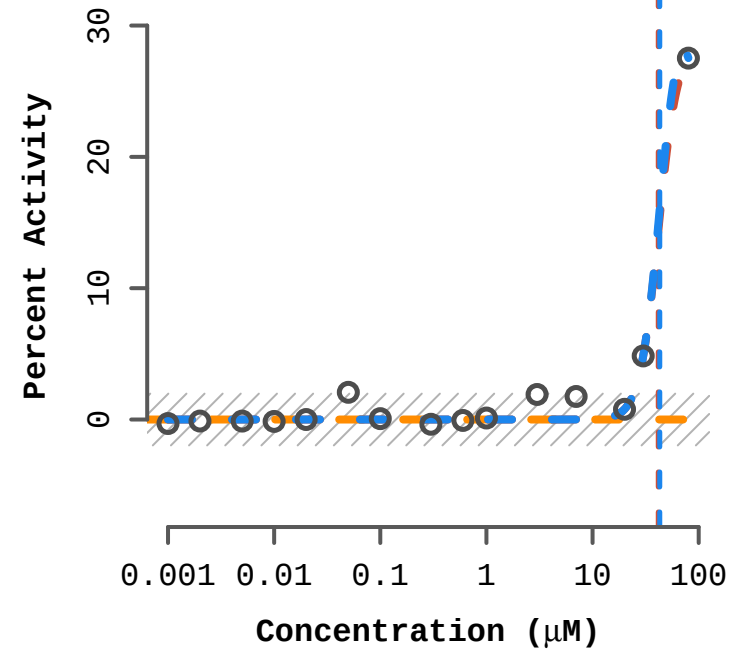
SPID(S): Tox21_201381

M4ID: 11454431

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.59	NA	NA
PROB:	1	NA	NA
RMSE:	0.96	NA	NA
MAX_MEAN: 0.0855		MAX_MED: 0.0855	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nonanedioic acid

CHID: 21640 CASRN: 123-99-9

SPID(S): Tox21_201989

M4ID: 11453823

HILL MODEL (in red):

	tp	ga	gw
val:	28.7	1.62	4.87
sd:	0.444	0.0106	0.263

GAIN-LOSS MODEL (in blue):

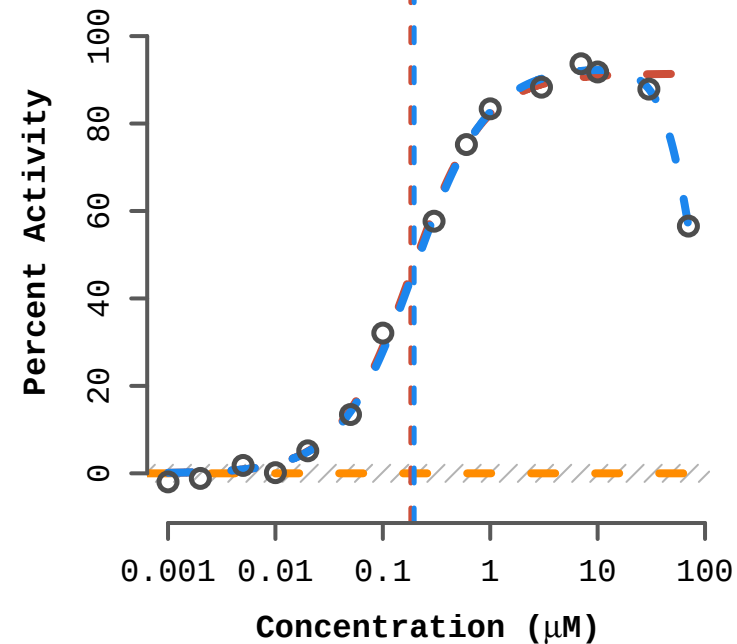
	tp	ga	gw	la	lw
val:	32.2	1.63	4.82	2.06	6.1
sd:	1.17	0.0108	0.272	0.013	1.13

	CNST	HILL	GNLS
AIC:	77.56	40.56	44.56
PROB:	0	0.88	0.12
RMSE:	7.27	0.87	0.87

MAX_MEAN: 27.5

MAX_MED: 27.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nonanoic acid

CHID: 21641 CASRN: 112-05-0

SPID(S): Tox21_202426

M4ID: 11453386

HILL MODEL (in red):

	tp	ga	gw
val:	91.4	-0.739	1.29
sd:	1.48	0.0324	0.0748

GAIN-LOSS MODEL (in blue):

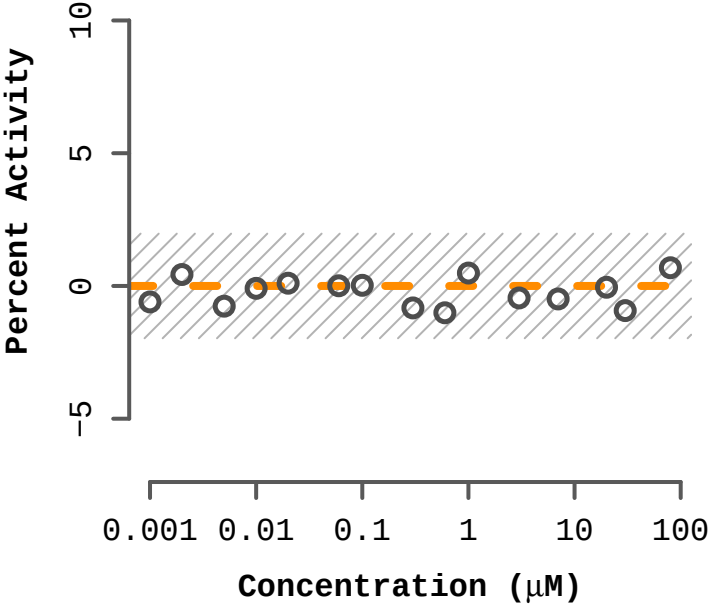
	tp	ga	gw	la	lw
val:	93.1	-0.709	1.26	1.91	2.85
sd:	1.04	0.0212	0.0475	0.0103	0.297

	CNST	HILL	GNLS
AIC:	169	93.03	67.97
PROB:	0	0	1
RMSE:	59.5	9.18	1.58

MAX_MEAN: 93.7

MAX_MED: 93.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Octadecanoic acid

CHID: 21642 CASRN: 57-11-4

SPID(S): Tox21_201887

M4ID: 11453925

HILL MODEL: Not applicable.

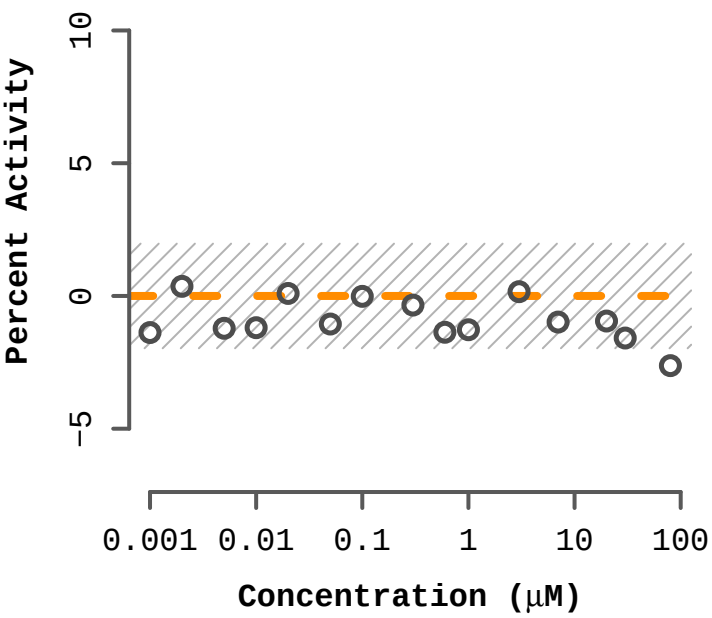
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.61	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 0.688

MAX_MED: 0.688

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Octanal

CHID: 21643 CASRN: 124-13-0

SPID(S): Tox21_201415

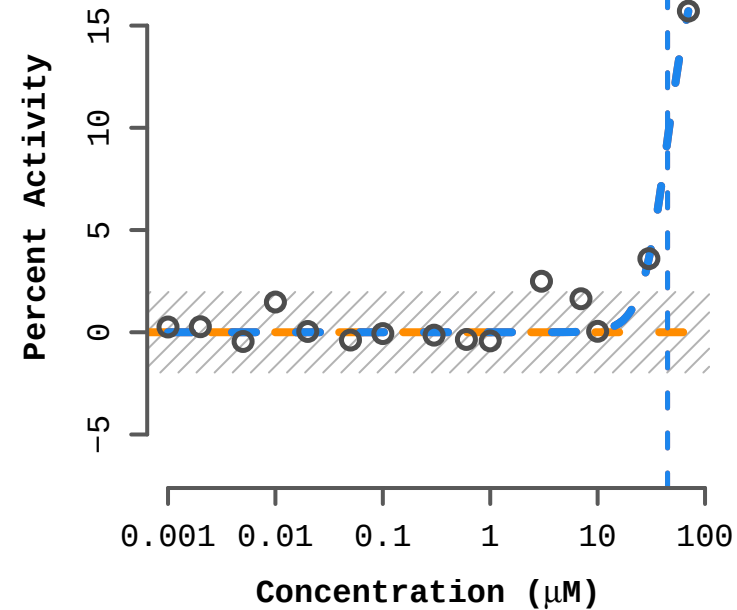
M4ID: 11454397

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51.15	NA	NA
PROB:	1	NA	NA
RMSE:	1.18	NA	NA

MAX_MEAN: 0.363	MAX_MED: 0.363	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Octanoic acid

CHID: 21645 CASRN: 124-07-2

SPID(S): Tox21_201279

M4ID: 11454533

HILL MODEL (in red):

	tp	ga	gw
val:	18.9	1.65	3.6
sd:	2.19	0.0494	0.676

GAIN-LOSS MODEL (in blue):

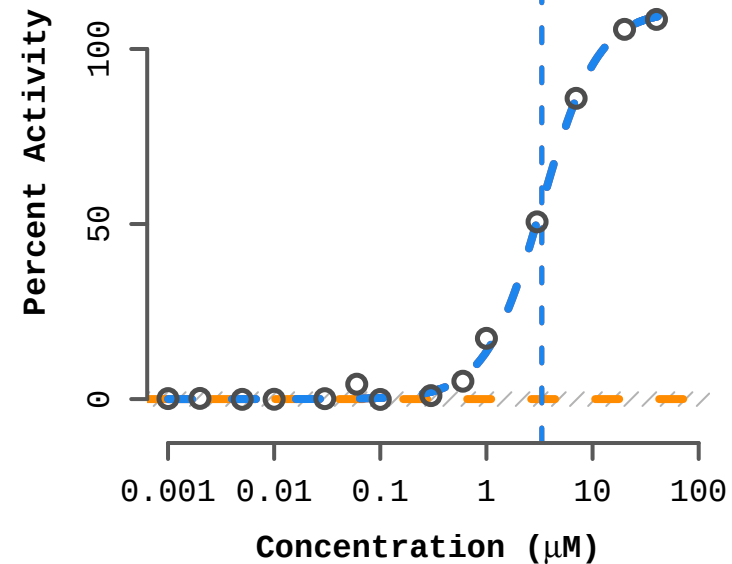
	tp	ga	gw	la	lw
val:	18.9	1.65	3.6	3.8	3.45
sd:	2.19	0.0494	0.676	1250	2200

	CNST	HILL	GNLS
AIC:	69.57	42.55	46.55
PROB:	0	0.88	0.12
RMSE:	4.26	0.89	0.89

MAX_MEAN: 15.7

MAX_MED: 15.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Oxopentanoic acid

CHID: 21648 CASRN: 123-76-2

SPID(S): Tox21_201483

M4ID: 11454329

HILL MODEL (in red):

	tp	ga	gw
val:	111	0.522	1.64
sd:	1.22	0.0103	0.0841

GAIN-LOSS MODEL (in blue):

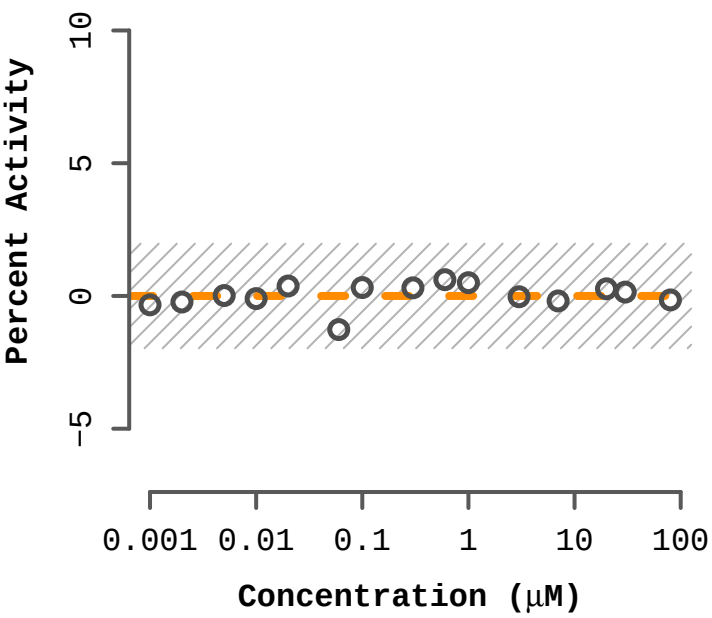
	tp	ga	gw	la	lw
val:	111	0.522	1.64	3.46	5.82
sd:	1.22	0.0103	0.0841	1020	3830

	CNST	HILL	GNLS
AIC:	163.88	71.17	75.17
PROB:	0	0.88	0.12
RMSE:	56.11	2.55	2.55

MAX_MEAN: 118

MAX_MED: 118

BMAD: 0.657



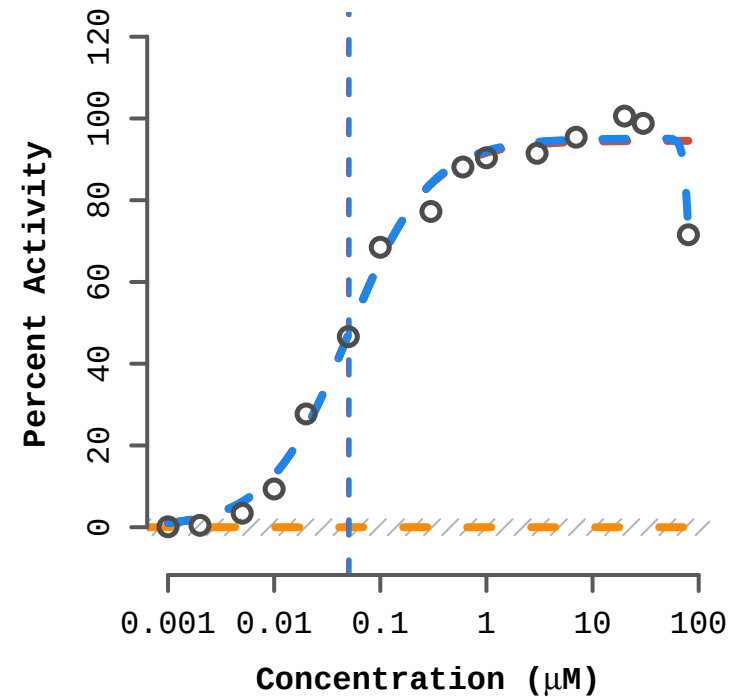
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Oxopropanoic acid
CHID: 21650 CASRN: 127-17-3
SPID(S): Tox21_202096
M4ID: 11453716

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.14	NA	NA
PROB:	1	NA	NA
RMSE:	0.44	NA	NA
MAX_MEAN:	0.614	MAX_MED: 0.614	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pentanedioic acid

CHID: 21654 CASRN: 110-94-1

SPID(S): Tox21_202448

M4ID: 11453364

HILL MODEL (in red):

	tp	ga	gw
val:	94.5	-1.3	1.15
sd:	2.12	0.0477	0.141

GAIN-LOSS MODEL (in blue):

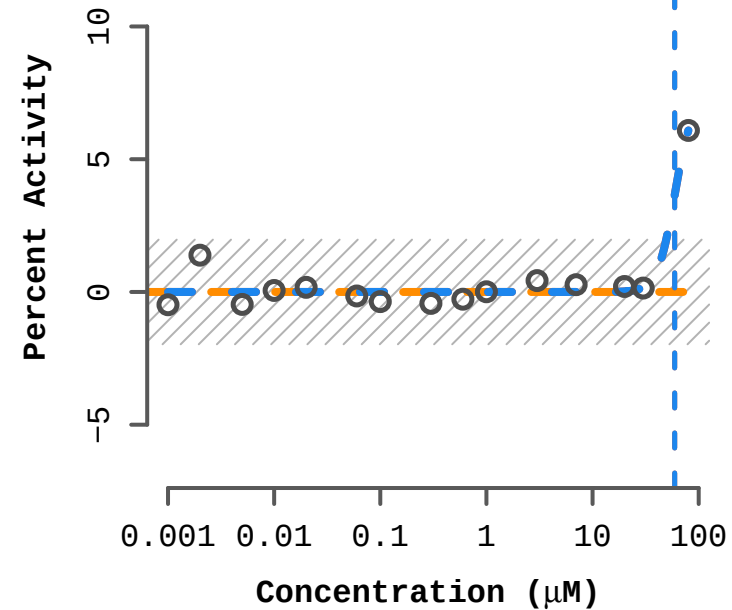
	tp	ga	gw	la	lw
val:	95.1	-1.29	1.14	1.94	14.4
sd:	1.89	0.0424	0.139	0.00696	2.11

	CNST	HILL	GNLS
AIC:	174.22	100.23	90.69
PROB:	0	0.01	0.99
RMSE:	69.34	6.75	3.19

MAX_MEAN: 101

MAX_MED: 101

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pentanoic acid

CHID: 21655 CASRN: 109-52-4

SPID(S): Tox21_201561

M4ID: 11454251

HILL MODEL (in red):

	tp	ga	gw
val:	7.3	1.77	5.41
sd:	2.95	0.128	3.46

GAIN-LOSS MODEL (in blue):

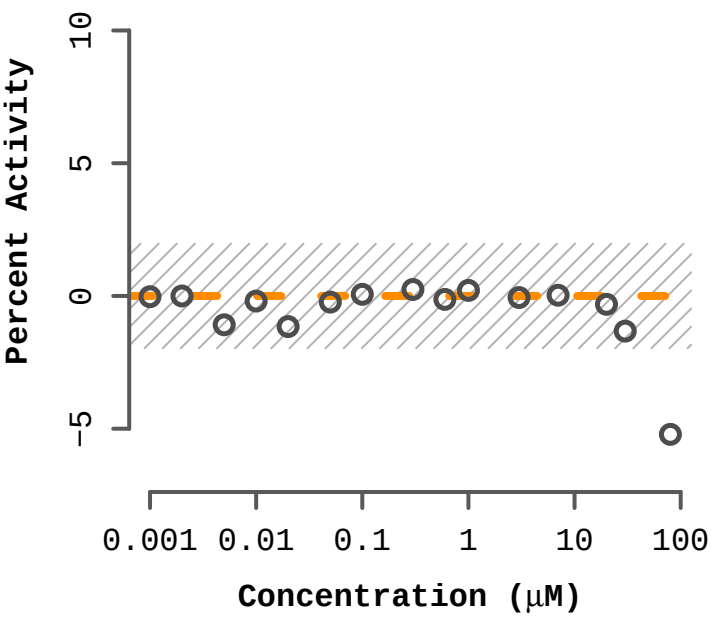
	tp	ga	gw	la	lw
val:	7.3	1.77	5.41	3.28	4.88
sd:	2.95	0.128	3.46	1670	5950

	CNST	HILL	GNLS
AIC:	39.64	24.19	28.19
PROB:	0	0.88	0.12
RMSE:	1.64	0.46	0.46

MAX_MEAN: 6.09

MAX_MED: 6.09

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tetradecanoic acid

CHID: 21666 CASRN: 544-63-8

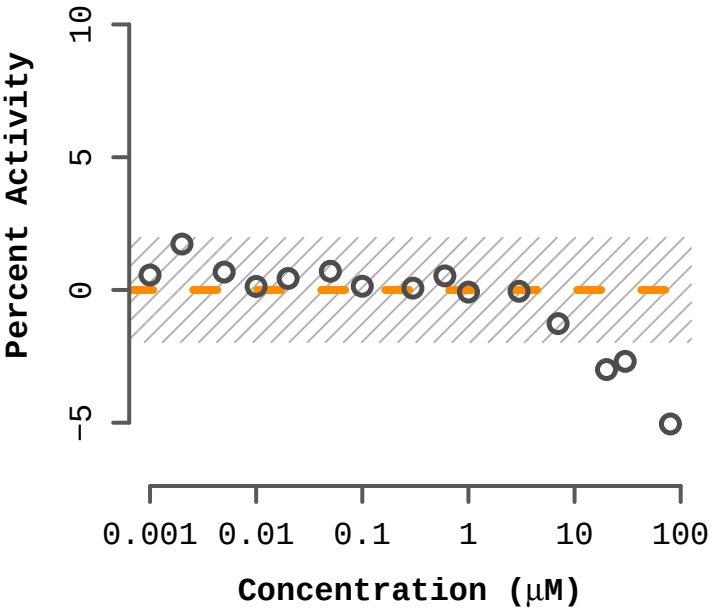
SPID(S): Tox21_201852

M4ID: 11453960

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.02	NA	NA
PROB:	1	NA	NA
RMSE:	1.45	NA	NA
MAX_MEAN:	0.245	MAX_MED: 0.245	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tridecanedioic acid

CHID: 21683 **CASRN:** 505-52-2

SPID(S): Tox21_201301

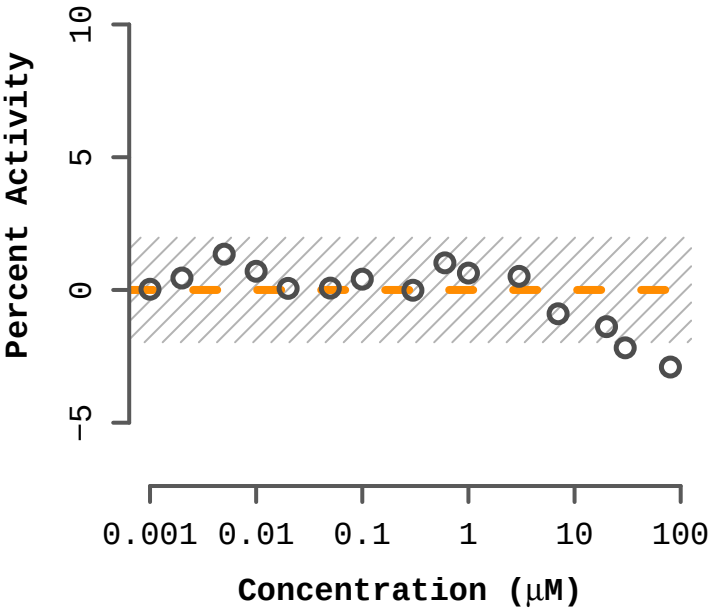
M4ID: 11454511

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	58.88	NA	NA
PROB:	1	NA	NA
RMSE:	1.79	NA	NA

MAX_MEAN:	1.73	MAX_MED:	1.73	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3,4,6-Tetrachlorophenol

CHID: 21716 CASRN: 58-90-2

SPID(S): Tox21_201931

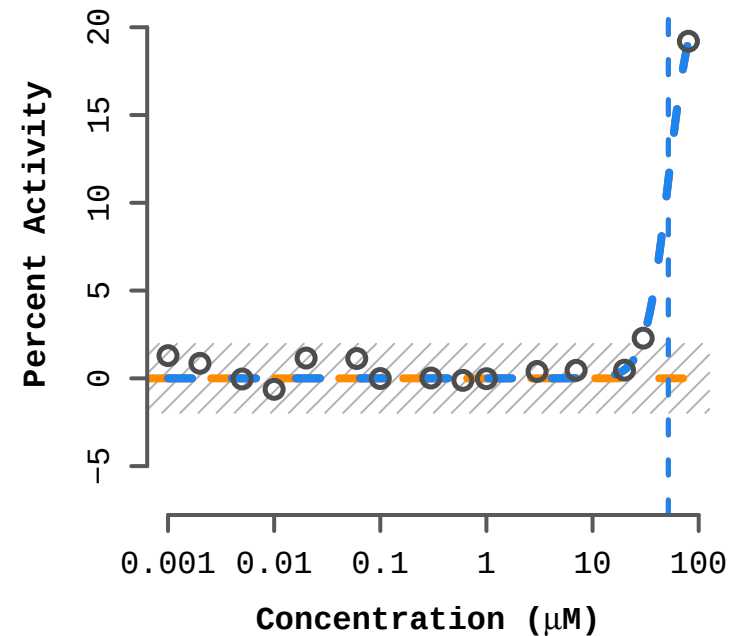
M4ID: 11453881

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.48	NA	NA
PROB:	1	NA	NA
RMSE:	1.16	NA	NA

MAX_MEAN: 1.35 MAX_MED: 1.35 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chloro-3-methylphenol

CHID: 21717 CASRN: 59-50-7

SPID(S): Tox21_201293

M4ID: 11454519

HILL MODEL (in red):

	tp	ga	gw
val:	22.6	1.71	4
sd:	2.7	0.0567	0.736

GAIN-LOSS MODEL (in blue):

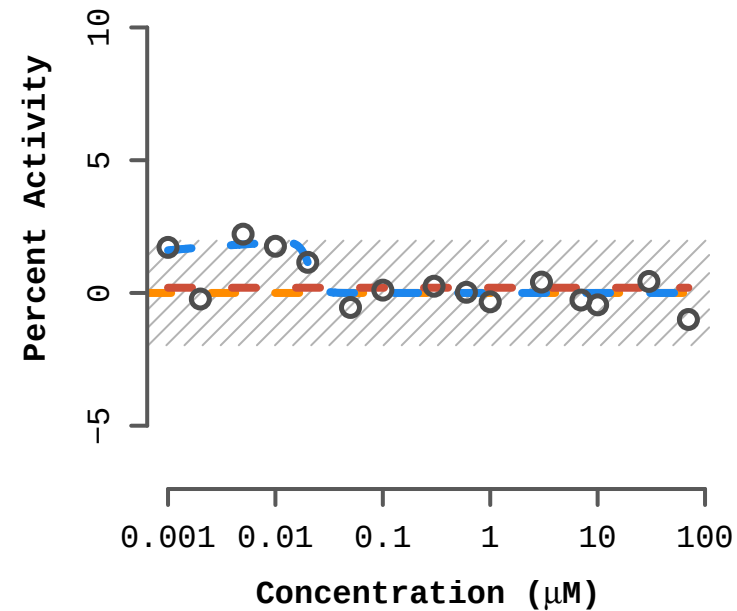
	tp	ga	gw	la	lw
val:	22.6	1.71	4	3.88	6.34
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	64.76	35.96	39.96
PROB:	0	0.88	0.12
RMSE:	5.03	0.62	0.62

MAX_MEAN: 19.2

MAX_MED: 19.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Salicylamide

CHID: 21726 CASRN: 65-45-2

SPID(S): Tox21_201944

M4ID: 11453868

HILL MODEL (in red):

	tp	ga	gw
val:	0.197	-4.92	3.7
sd:	0.238	2150	4180

GAIN-LOSS MODEL (in blue):

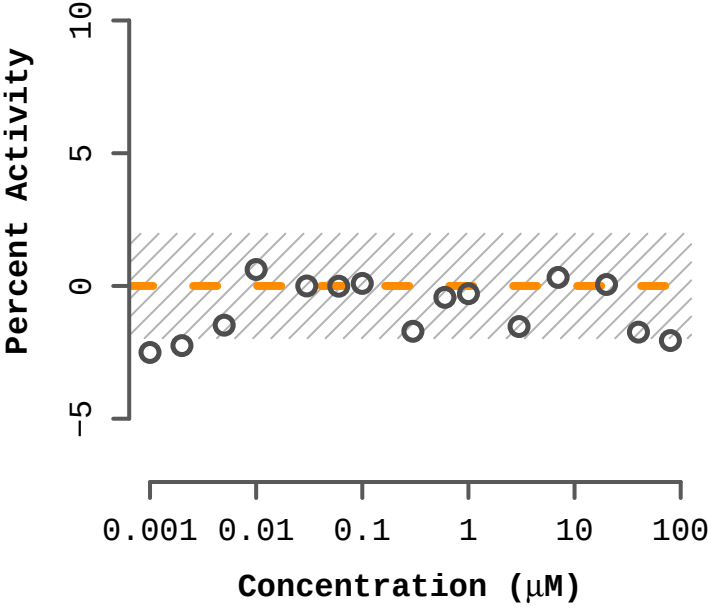
	tp	ga	gw	la	lw
val:	2.23	-4.16	0.355	-1.68	9.27
sd:	4.91	2.95	3.02	0.0751	42.6

	CNST	HILL	GNLS
AIC:	43.75	49.02	37.19
PROB:	0.04	0	0.96
RMSE:	0.98	0.93	0.63

MAX_MEAN: 2.22

MAX_MED: 2.22

BMAD: 0.657



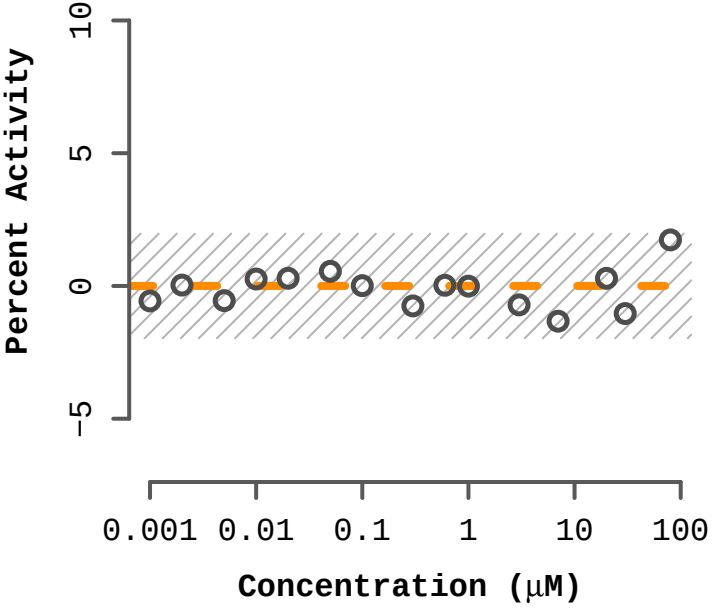
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 5,5-Dimethylhydantoin
CHID: 21754 CASRN: 77-71-4
SPID(S): Tox21_202049
M4ID: 11453763

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	54.51	NA	NA
PROB:	1	NA	NA
RMSE:	1.34	NA	NA
MAX_MEAN:	0.621	MAX_MED: 0.621	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tris(2-butoxyethyl) phosphate

CHID: 21758 **CASRN:** 78-51-3

SPID(S): Tox21_201593

M4ID: 11454219

HILL MODEL: Not applicable.

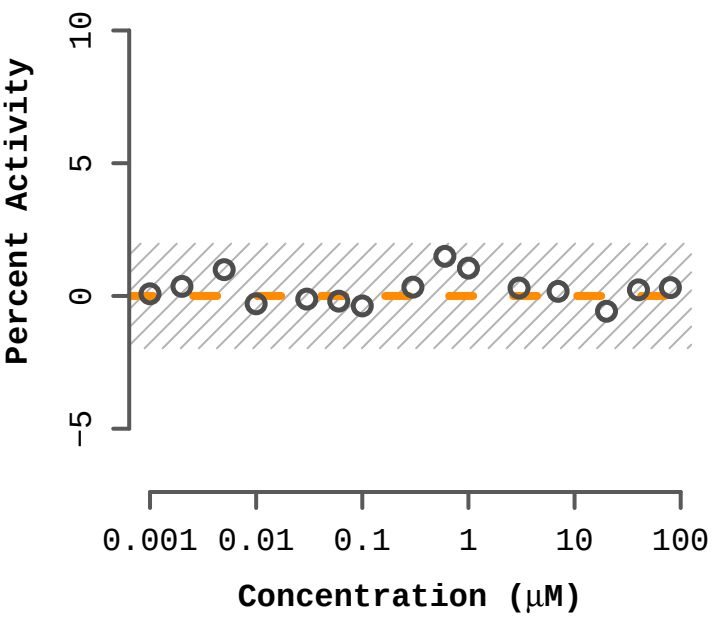
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.39	NA	NA
PROB:	1	NA	NA
RMSE:	0.73	NA	NA

MAX_MEAN: 1.74

MAX_MED: 1.74

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Diaminopropane

CHID: 21761 **CASRN:** 78-90-0

SPID(S): Tox21_202135

M4ID: 11453677

HILL MODEL: Not applicable.

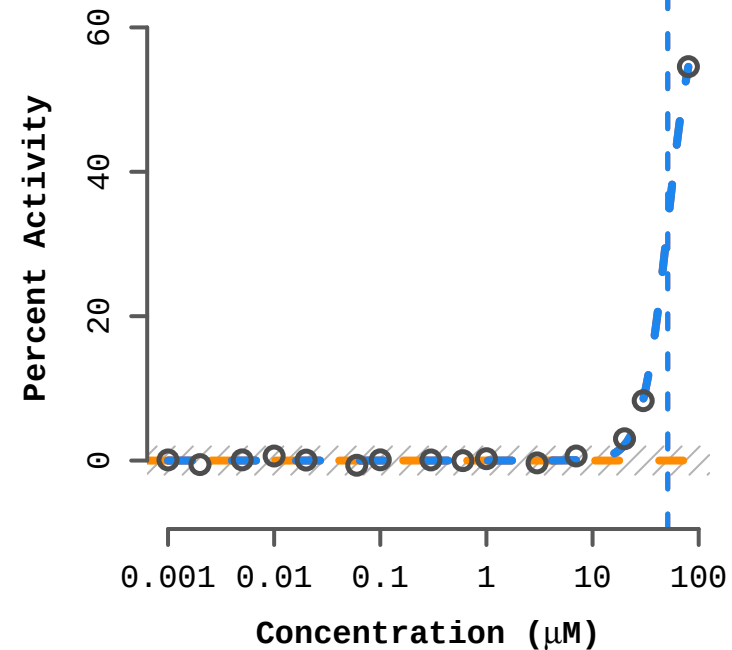
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.72	NA	NA
PROB:	1	NA	NA
RMSE:	0.6	NA	NA

MAX_MEAN: 1.49

MAX_MED: 1.49

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: beta-Ionone

CHID: 21769 CASRN: 79-77-6

SPID(S): Tox21_201454

M4ID: 11454358

HILL MODEL (in red):

	tp	ga	gw
val:	65.5	1.71	3.59
sd:	0.474	0.0055	0.0557

GAIN-LOSS MODEL (in blue):

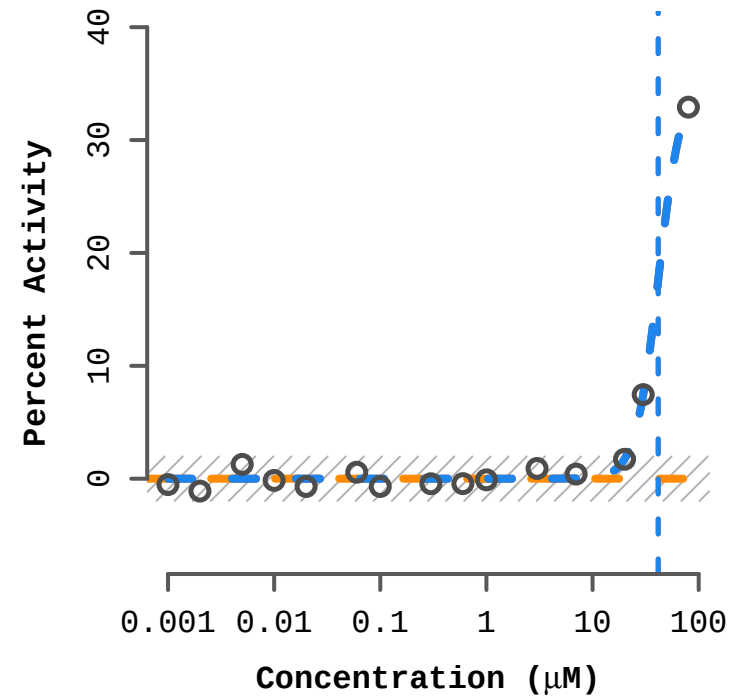
	tp	ga	gw	la	lw
val:	65.5	1.71	3.59	3.81	6.43
sd:	0.474	0.0055	0.0557	65400	221000

	CNST	HILL	GNLS
AIC:	87.03	23.59	27.59
PROB:	0	0.88	0.12
RMSE:	14.28	0.4	0.4

MAX_MEAN: 54.6

MAX_MED: 54.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-(2-Methylbutan-2-yl)phenol

CHID: 21771 CASRN: 80-46-6

SPID(S): Tox21_202351

M4ID: 11453461

HILL MODEL (in red):

	tp	ga	gw
val:	35.3	1.62	4.04
sd:	0.716	0.0124	0.231

GAIN-LOSS MODEL (in blue):

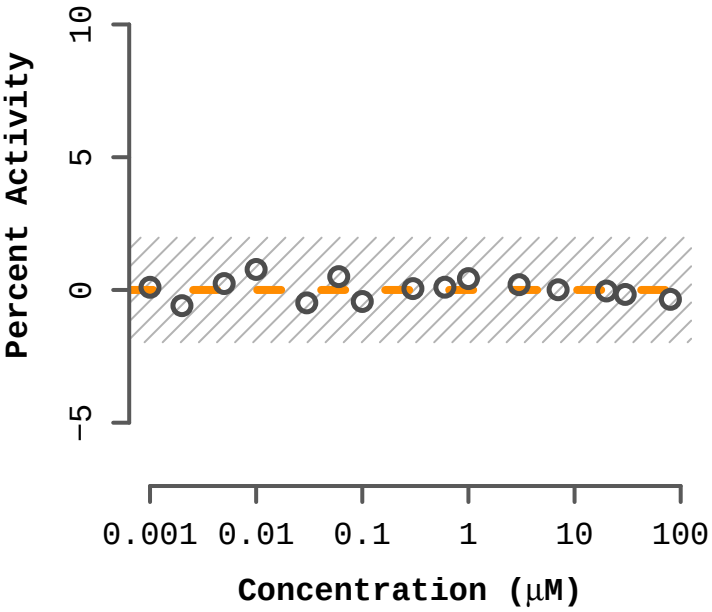
	tp	ga	gw	la	lw
val:	35.3	1.62	4.04	3.88	4.36
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	81.63	37.44	41.44
PROB:	0	0.88	0.12
RMSE:	8.75	0.62	0.62

MAX_MEAN: 32.9

MAX_MED: 32.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acenaphthene

CHID: 21774 CASRN: 83-32-9

SPID(S): Tox21_202400

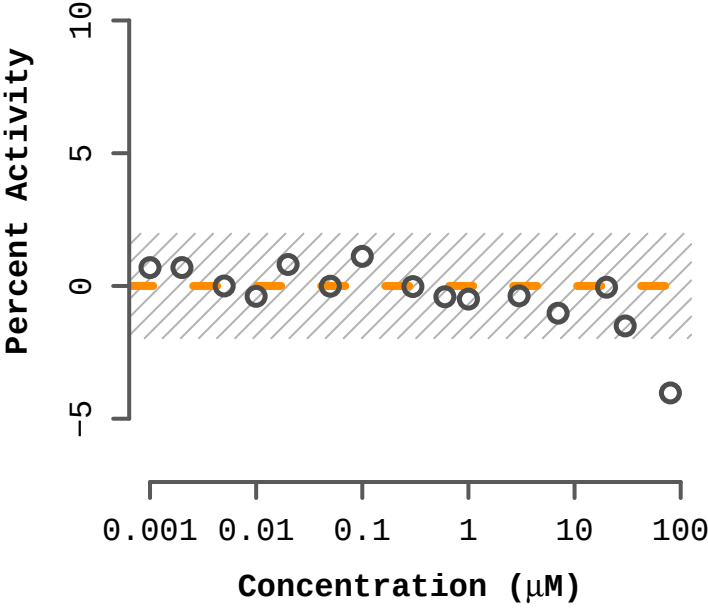
M4ID: 11453412

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	16.34	NA	NA
PROB:	1	NA	NA
RMSE:	0.37	NA	NA

MAX_MEAN: 0.774 MAX_MED: 0.774 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Riboflavin

CHID: 21777 **CASRN:** 83-88-5

SPID(S): Tox21_201633

M4ID: 11454179

HILL MODEL: Not applicable.

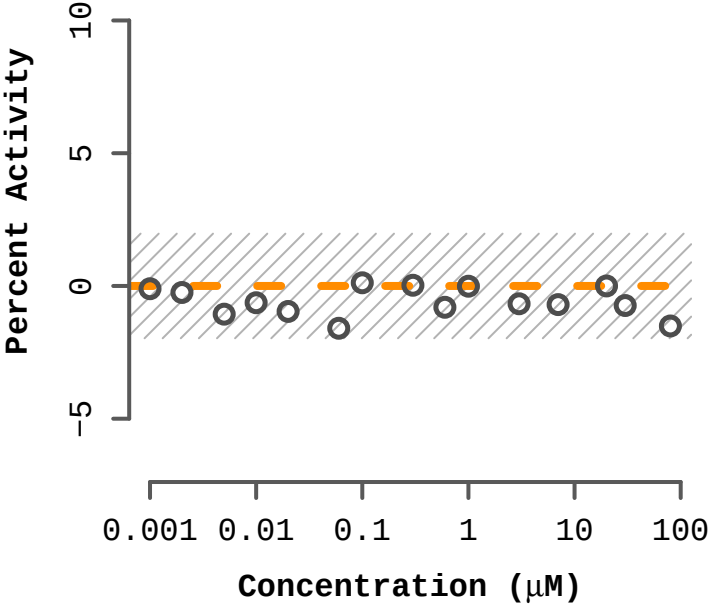
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.63	NA	NA
PROB:	1	NA	NA
RMSE:	1.24	NA	NA

MAX_MEAN: 1.12

MAX_MED: 1.12

BMAD: 0.657



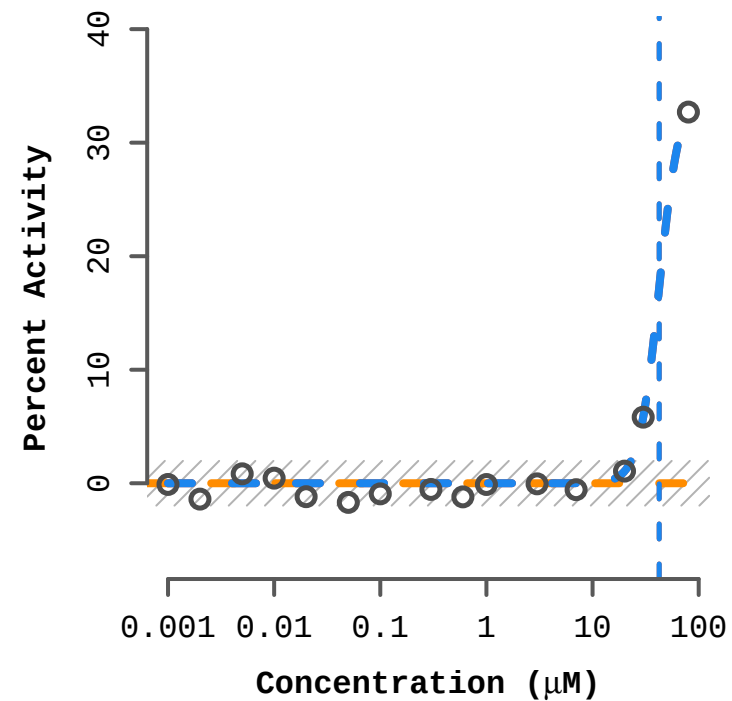
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethyl phthalate
CHID: 21780 CASRN: 84-66-2
SPID(S): Tox21_201874
M4ID: 11453938

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	38.8	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.79	NA	NA	
MAX_MEAN:	0.121	MAX_MED:	0.121	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dibutyl phthalate

CHID: 21781 CASRN: 84-74-2

SPID(S): Tox21_201729

M4ID: 11454083

HILL MODEL (in red):

	tp	ga	gw
val:	34.5	1.63	4.59
sd:	1.01	0.0194	0.447

GAIN-LOSS MODEL (in blue):

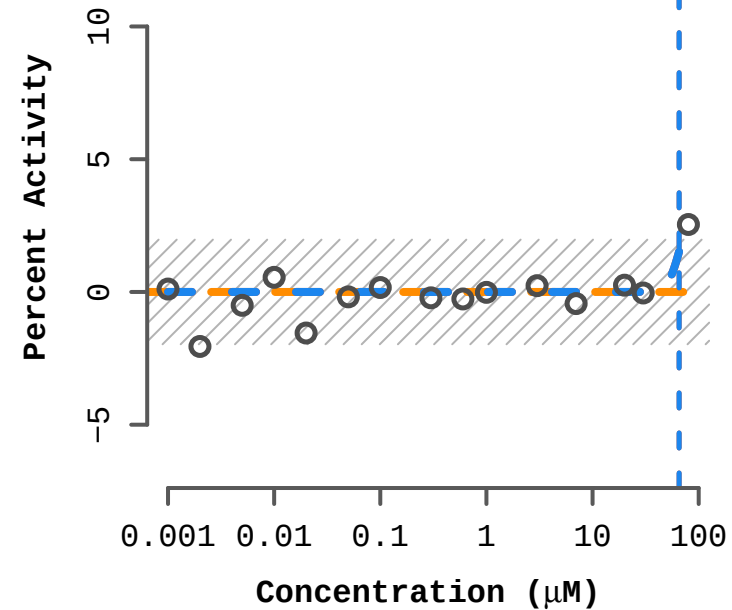
	tp	ga	gw	la	lw
val:	34.5	1.63	4.59	3.76	13
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	80.96	45.41	49.41
PROB:	0	0.88	0.12
RMSE:	8.62	0.82	0.82

MAX_MEAN: 32.7

MAX_MED: 32.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Nitrophenol

CHID: 21790 CASRN: 88-75-5

SPID(S): Tox21_201442

M4ID: 11454370

HILL MODEL (in red):

	tp	ga	gw
val:	3.05	1.82	8
sd:	12.8	1.27	32.6

GAIN-LOSS MODEL (in blue):

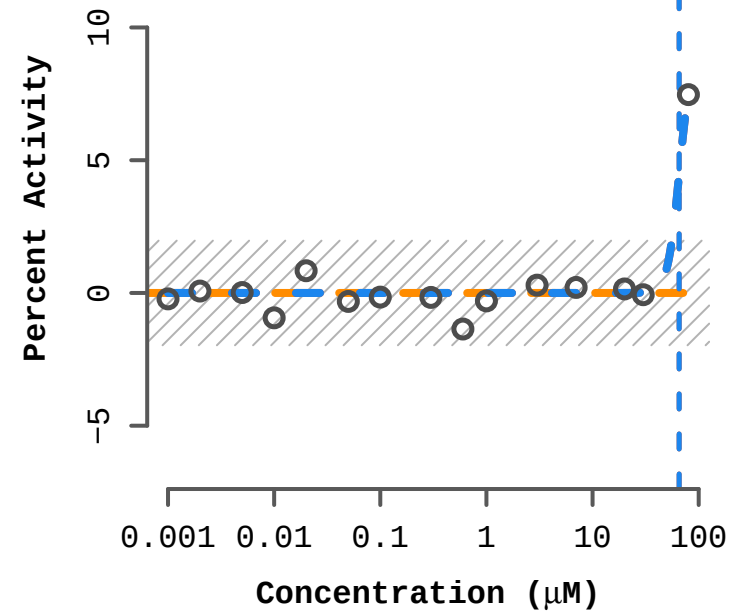
	tp	ga	gw	la	lw
val:	3.05	1.82	8	2.91	4.14
sd:	11.3	1.12	32	286	1180

	CNST	HILL	GNLS
AIC:	39.75	35.11	39.11
PROB:	0.08	0.81	0.11
RMSE:	0.97	0.71	0.71

MAX_MEAN: 2.54

MAX_MED: 2.54

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Salicylaldehyde

CHID: 21792 CASRN: 90-02-8

SPID(S): Tox21_201737

M4ID: 11454075

HILL MODEL (in red):

	tp	ga	gw
val:	8.97	1.82	8
sd:	6.56	0.0523	18.4

GAIN-LOSS MODEL (in blue):

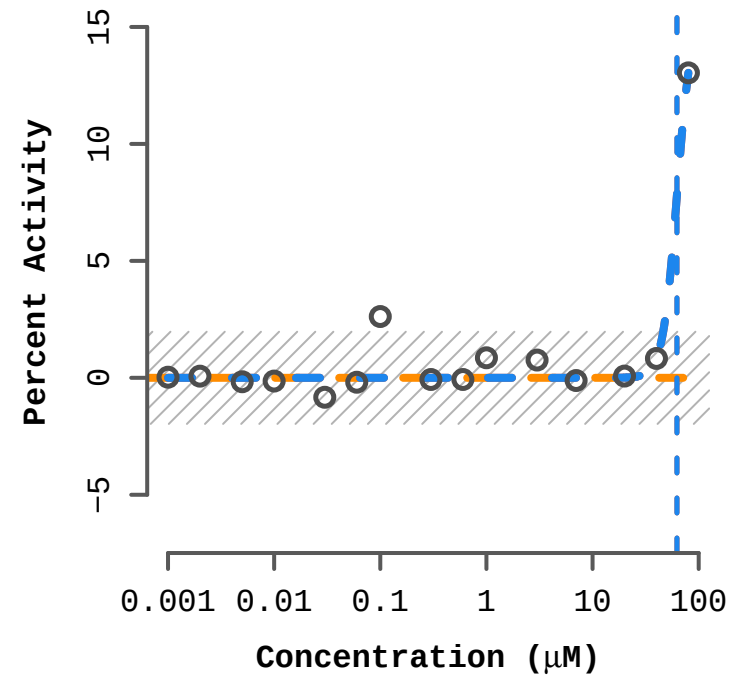
	tp	ga	gw	la	lw
val:	8.97	1.82	8	2.75	12.7
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	44.05	27.62	31.62
PROB:	0	0.88	0.12
RMSE:	2	0.51	0.51

MAX_MEAN: 7.47

MAX_MED: 7.47

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Naphthol

CHID: 21793 CASRN: 90-15-3

SPID(S): Tox21_202120

M4ID: 11453692

HILL MODEL (in red):

	tp	ga	gw
val:	15.6	1.8	6.48
sd:	1.05	0.018	0.985

GAIN-LOSS MODEL (in blue):

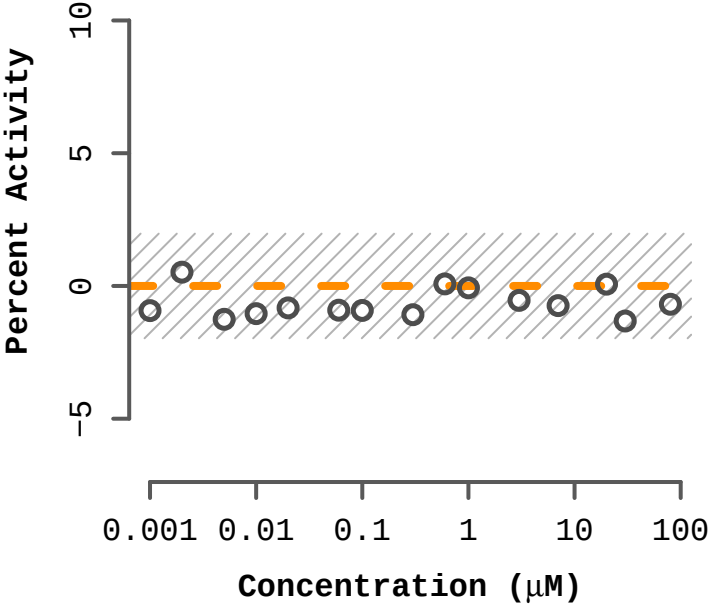
	tp	ga	gw	la	lw
val:	15.6	1.8	6.48	3.21	3.19
sd:	1.32	0.0188	0.99	163	402

	CNST	HILL	GNLS
AIC:	56.77	33.48	37.48
PROB:	0	0.88	0.12
RMSE:	3.46	0.77	0.77

MAX_MEAN: 13

MAX_MED: 13

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Quinoline

CHID: 21798 **CASRN:** 91-22-5

SPID(S): Tox21_201478

M4ID: 11454334

HILL MODEL: Not applicable.

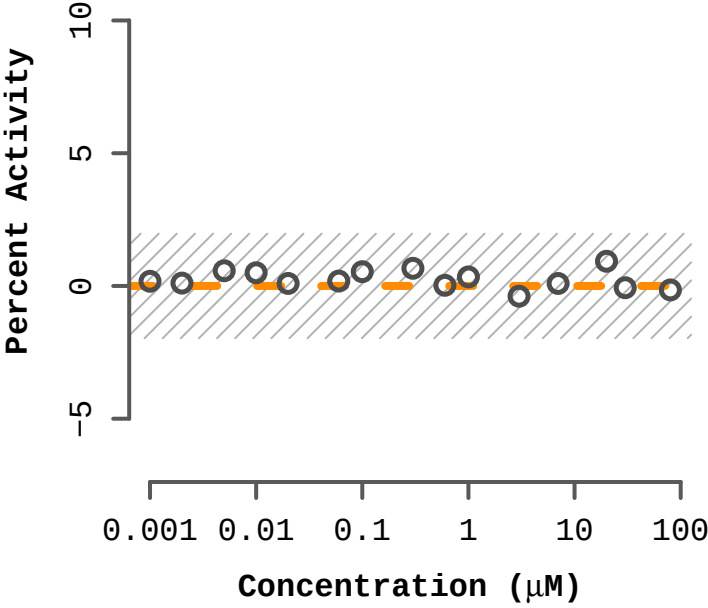
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.71	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN: 0.52

MAX_MED: 0.52

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N-Diethylaniline

CHID: 21800 **CASRN:** 91-66-7

SPID(S): Tox21_201496

M4ID: 11454316

HILL MODEL: Not applicable.

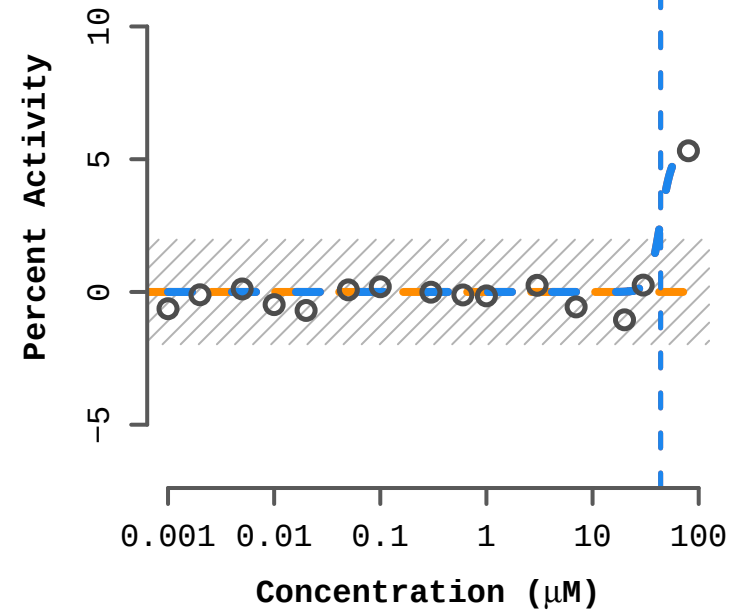
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.8	NA	NA
PROB:	1	NA	NA
RMSE:	0.41	NA	NA

MAX_MEAN: 0.932

MAX_MED: 0.932

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Piperine

CHID: 21805 CASRN: 94-62-2

SPID(S): Tox21_201990

M4ID: 11453822

HILL MODEL (in red):

	tp	ga	gw
val:	5.36	1.64	8
sd:	0.792	0.384	17

GAIN-LOSS MODEL (in blue):

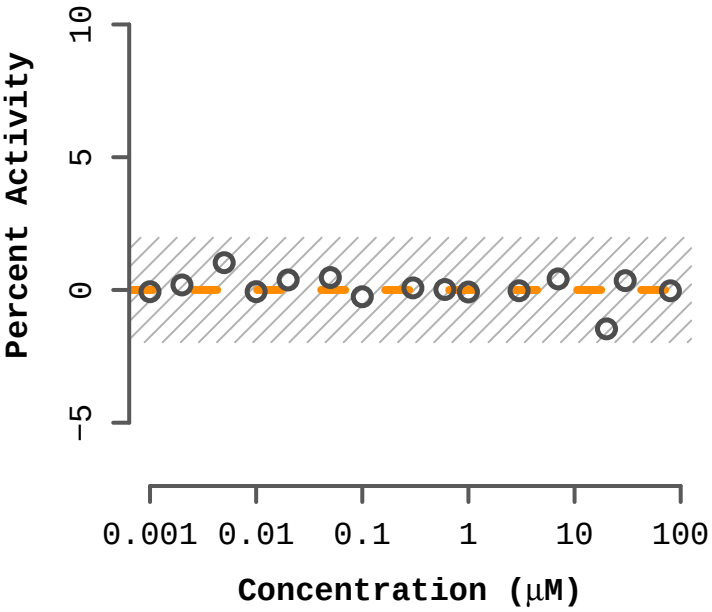
	tp	ga	gw	la	lw
val:	5.36	1.64	8	3.84	3.42
sd:	0.817	0.392	17.3	38000	51800

	CNST	HILL	GNLS
AIC:	38.27	24.09	28.09
PROB:	0	0.88	0.12
RMSE:	1.44	0.42	0.42

MAX_MEAN: 5.32

MAX_MED: 5.32

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: o-Cresol

CHID: 21808 CASRN: 95-48-7

SPID(S): Tox21_202305

M4ID: 11453507

HILL MODEL: Not applicable.

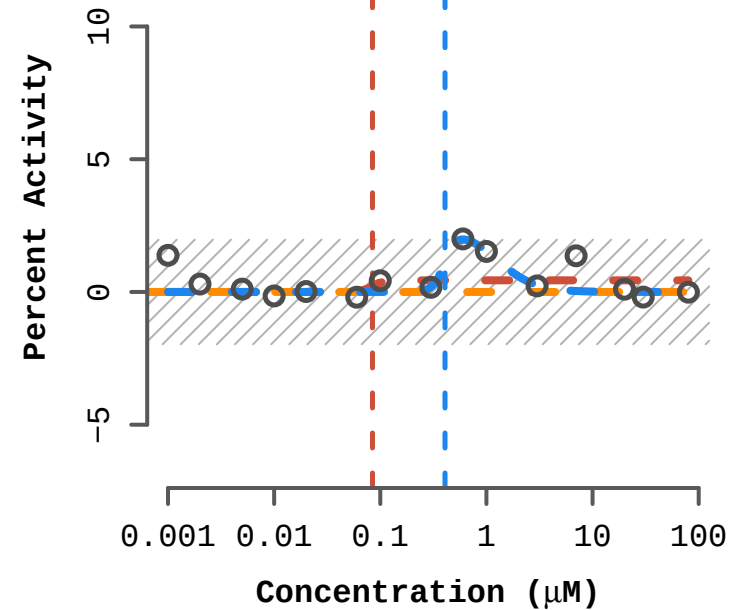
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	20.93	NA	NA
PROB:	1	NA	NA
RMSE:	0.52	NA	NA

MAX_MEAN: 1.03

MAX_MED: 1.03

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,4-Dichloroaniline

CHID: 21815 CASRN: 95-76-1

SPID(S): Tox21_202115

M4ID: 11453697

HILL MODEL (in red):

	tp	ga	gw
val:	0.438	-1.07	8
sd:	0.262	0.233	16.7

GAIN-LOSS MODEL (in blue):

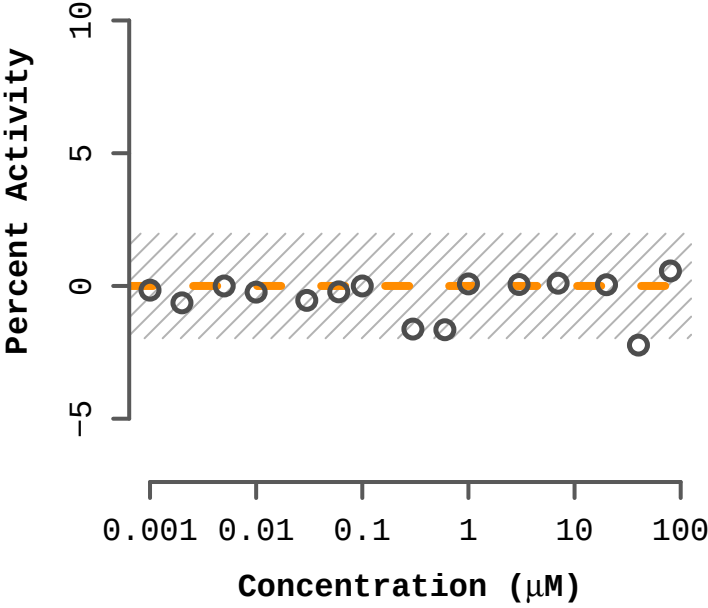
	tp	ga	gw	la	lw
val:	2.4	-0.39	8	0.102	2.45
sd:	1.06	0.127	6.48	0.201	1.35

	CNST	HILL	GNLS
AIC:	37.43	39.61	27.56
PROB:	0.01	0	0.99
RMSE:	0.84	0.7	0.52

MAX_MEAN: 2

MAX_MED: 2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Allyl methacrylate

CHID: 21816 **CASRN:** 96-05-9

SPID(S): Tox21_201759

M4ID: 11454053

HILL MODEL: Not applicable.

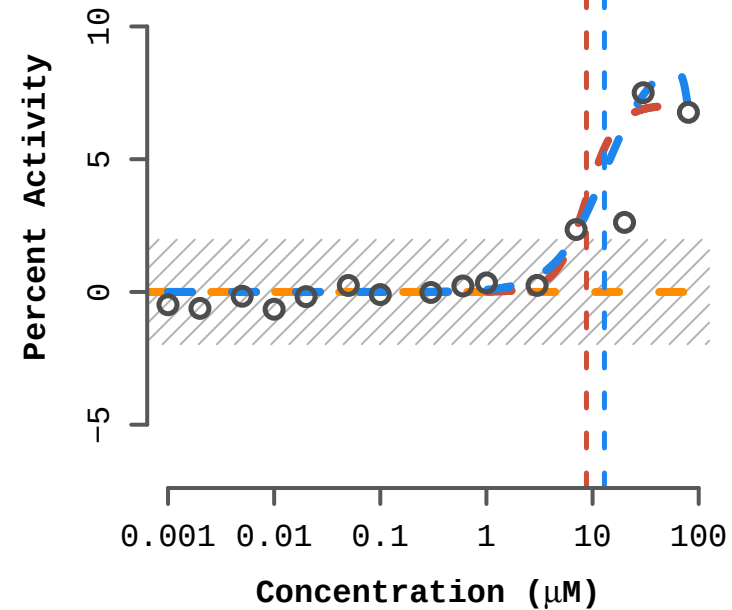
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.6	NA	NA
PROB:	1	NA	NA
RMSE:	0.87	NA	NA

MAX_MEAN: 0.566

MAX_MED: 0.566

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methylbutanal

CHID: 21818 CASRN: 96-17-3

SPID(S): Tox21_201242

M4ID: 11454570

HILL MODEL (in red):

	tp	ga	gw
val:	7.04	0.942	3.09
sd:	0.388	0.0577	1.38

GAIN-LOSS MODEL (in blue):

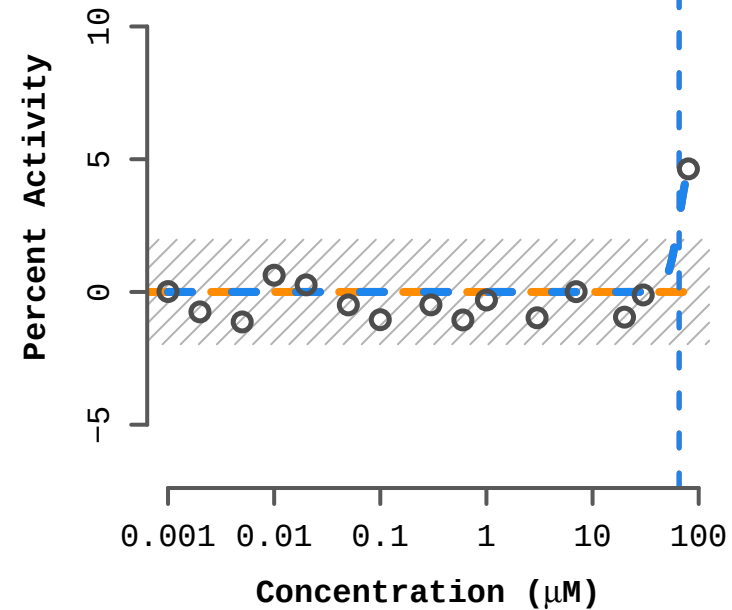
	tp	ga	gw	la	lw
val:	9.01	1.11	1.83	1.95	10.7
sd:	3.85	0.339	1.19	0.011	11.9

	CNST	HILL	GNLS
AIC:	68.2	37.4	37.9
PROB:	0	0.56	0.44
RMSE:	2.78	1.07	0.98

MAX_MEAN: 7.51

MAX_MED: 7.51

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Butanone oxime

CHID: 21821 CASRN: 96-29-7

SPID(S): Tox21_201706

M4ID: 11454106

HILL MODEL (in red):

	tp	ga	gw
val:	5.56	1.82	8
sd:	8.32	0.4	15.5

GAIN-LOSS MODEL (in blue):

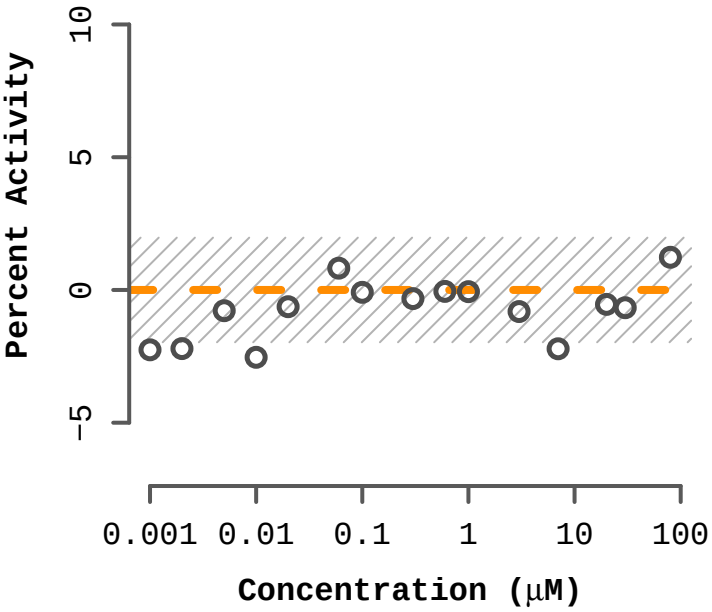
	tp	ga	gw	la	lw
val:	5.57	1.82	8	3.88	1.52
sd:	8.55	0.407	15.4	96.9	75

	CNST	HILL	GNLS
AIC:	47.52	40.87	44.87
PROB:	0.03	0.85	0.12
RMSE:	1.38	0.68	0.68

MAX_MEAN: 4.64

MAX_MED: 4.64

BMAD: 0.657



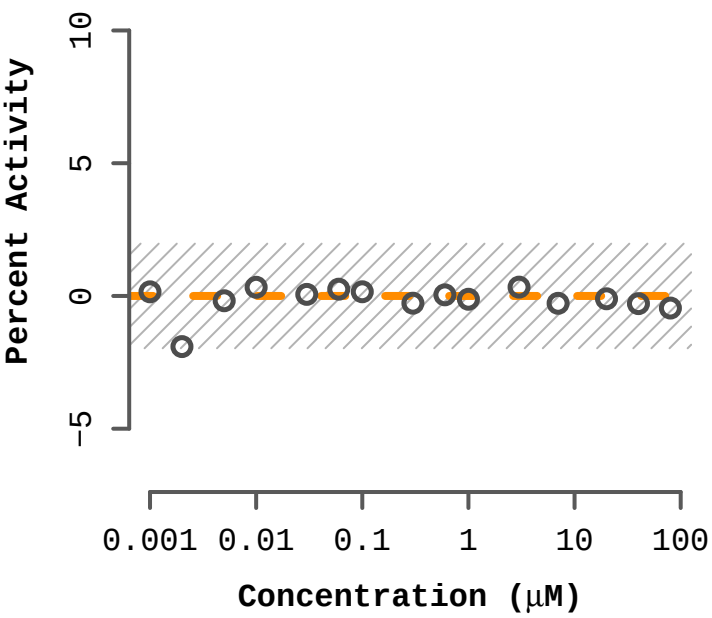
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dichlorophen
CHID: 21824 CASRN: 97-23-4
SPID(S): Tox21_201429
M4ID: 11454383

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.57	NA	NA
PROB:	1	NA	NA
RMSE:	1.32	NA	NA
MAX_MEAN:	1.23	MAX_MED:	1.23
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acetophenone

CHID: 21828 **CASRN:** 98-86-2

SPID(S): Tox21_202422

M4ID: 11453390

HILL MODEL: Not applicable.

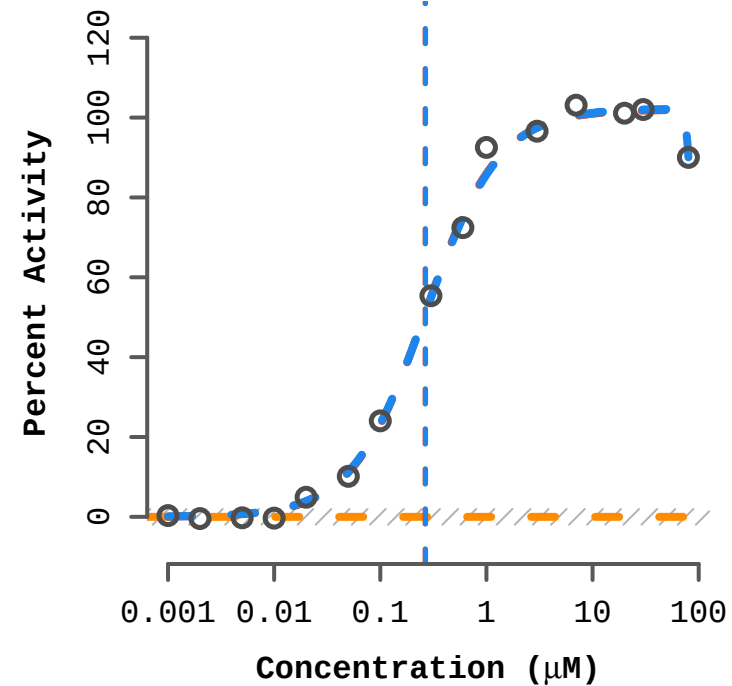
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	17.43	NA	NA
PROB:	1	NA	NA
RMSE:	0.55	NA	NA

MAX_MEAN: 0.334

MAX_MED: 0.334

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Nitrotoluene

CHID: 21831 CASRN: 99-08-1

SPID(S): Tox21_202435

M4ID: 11453377

HILL MODEL (in red):

	tp	ga	gw
val:	102	-0.578	1.26
sd:	1.1	0.0216	0.0717

GAIN-LOSS MODEL (in blue):

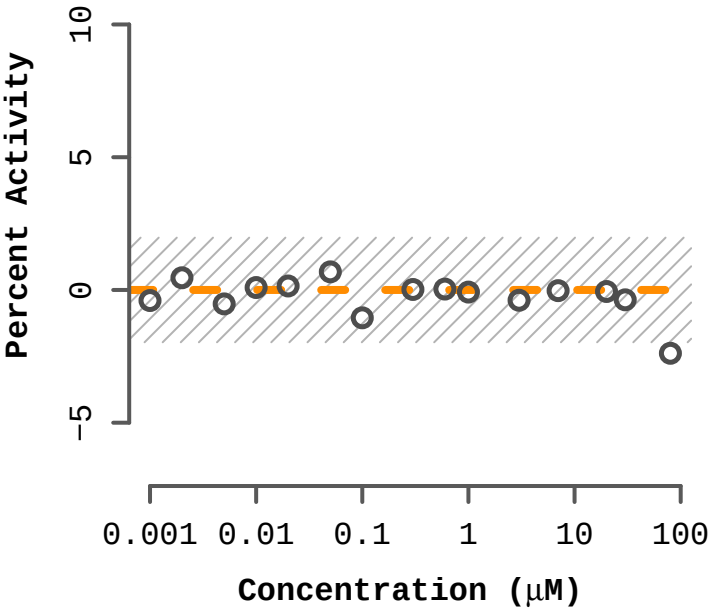
	tp	ga	gw	la	lw
val:	102	-0.573	1.24	1.95	18
sd:	0.813	0.017	0.0567	0.00568	1.12

	CNST	HILL	GNLS
AIC:	172.23	82.71	72.68
PROB:	0	0.01	0.99
RMSE:	66.48	3.73	2.16

MAX_MEAN: 103

MAX_MED: 103

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N,4-Trimethylaniline

CHID: 21832 CASRN: 99-97-8

SPID(S): Tox21_201370

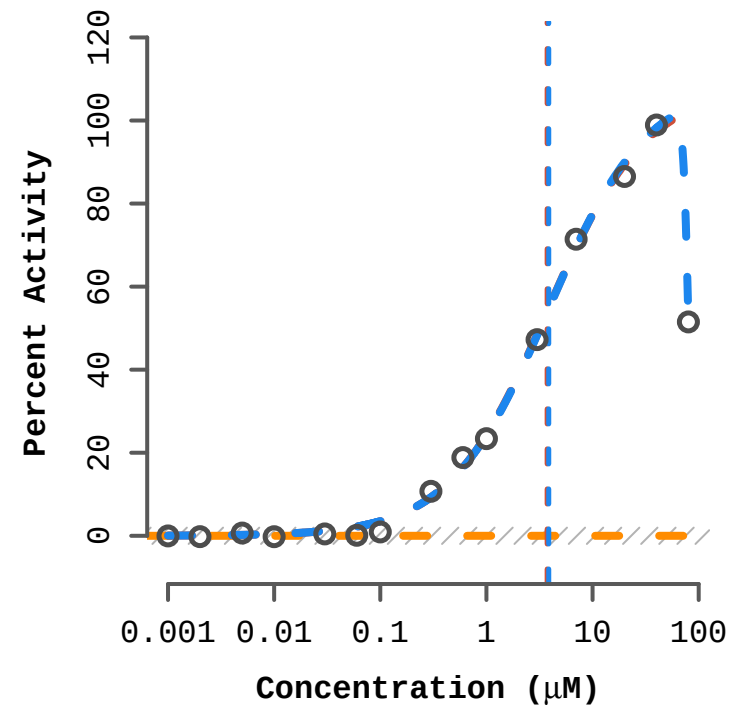
M4ID: 11454442

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.77	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 0.684 MAX_MED: 0.684 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nitrophenol

CHID: 21834 CASRN: 100-02-7

SPID(S): Tox21_202444

M4ID: 11453368

HILL MODEL (in red):

	tp	ga	gw
val:	108	0.572	0.938
sd:	4.44	0.0566	0.0691

GAIN-LOSS MODEL (in blue):

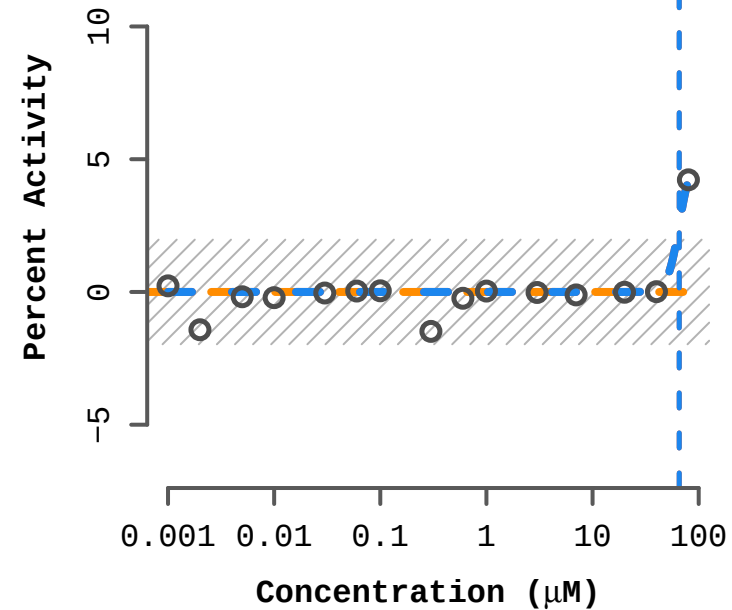
	tp	ga	gw	la	lw
val:	109	0.587	0.931	1.9	17.9
sd:	2.62	0.0394	0.056	0.00446	95.9

	CNST	HILL	GNLS
AIC:	156.57	93.49	69.38
PROB:	0	0	1
RMSE:	43.42	13.18	1.59

MAX_MEAN: 98.9

MAX_MED: 98.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N-Diethylethanolamine

CHID: 21837 CASRN: 100-37-8

SPID(S): Tox21_201463

M4ID: 11454349

HILL MODEL (in red):

	tp	ga	gw
val:	5.07	1.82	8
sd:	0.744	0.0272	2.93

GAIN-LOSS MODEL (in blue):

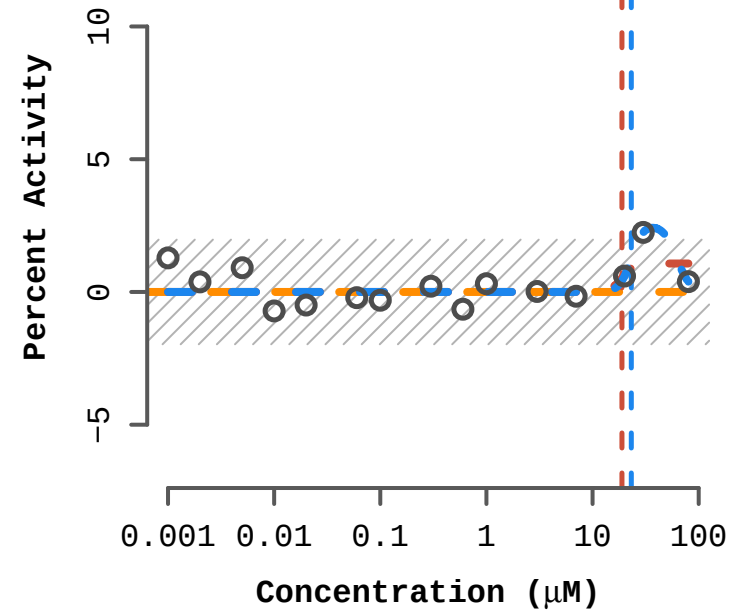
	tp	ga	gw	la	lw
val:	5.07	1.82	8	3.8	18
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	36.74	21.53	25.53
PROB:	0	0.88	0.12
RMSE:	1.22	0.54	0.54

MAX_MEAN: 4.23

MAX_MED: 4.23

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyclohexanone oxime

CHID: 21842 CASRN: 100-64-1

SPID(S): Tox21_202143

M4ID: 11453669

HILL MODEL (in red):

	tp	ga	gw
val:	1.07	1.28	8
sd:	1.25	0.244	15.7

GAIN-LOSS MODEL (in blue):

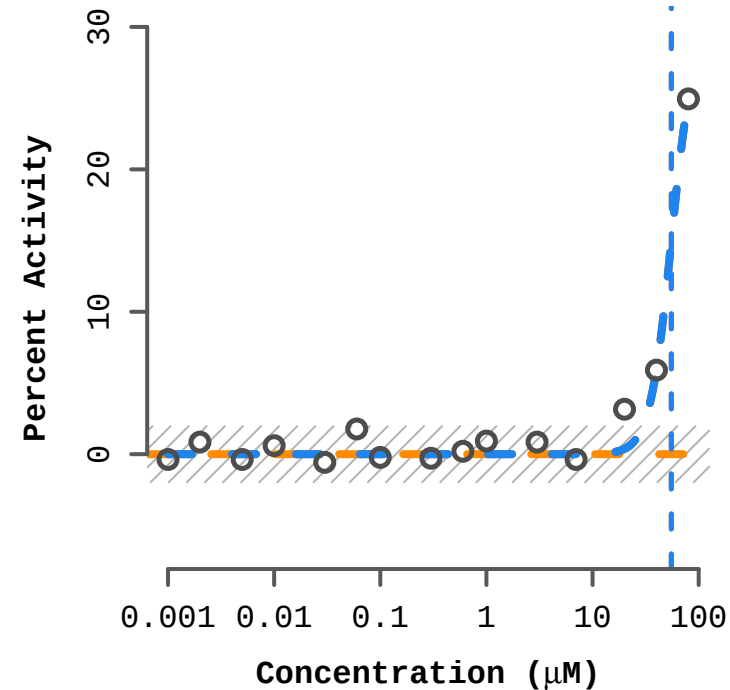
	tp	ga	gw	la	lw
val:	2.55	1.37	7.97	1.79	6.74
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	36.44	37.93	34.89
PROB:	0.27	0.13	0.6
RMSE:	0.8	0.63	0.52

MAX_MEAN: 2.24

MAX_MED: 2.24

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Pyridinecarbonitrile

CHID: 21843 CASRN: 100-70-9

SPID(S): Tox21_201343

M4ID: 11454469

HILL MODEL (in red):

	tp	ga	gw
val:	29.9	1.74	4.31
sd:	1.67	0.0201	0.441

GAIN-LOSS MODEL (in blue):

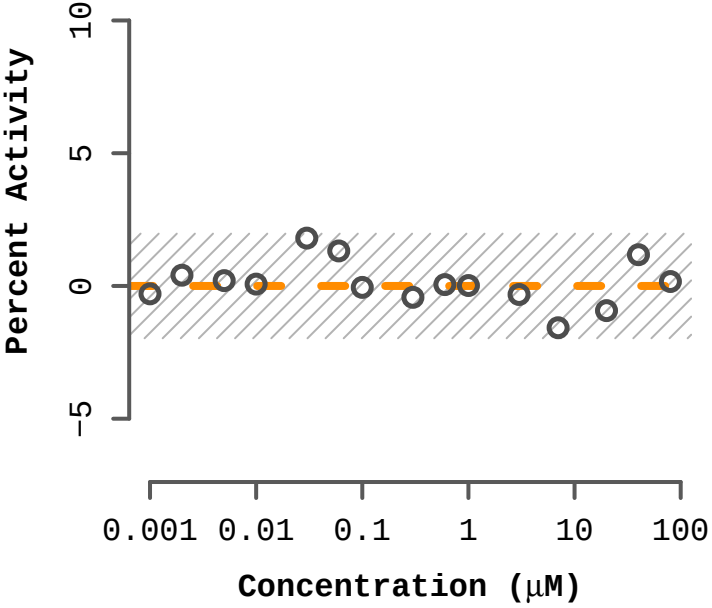
	tp	ga	gw	la	lw
val:	29.9	1.74	4.31	3.51	7.58
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	79.91	47.53	51.53
PROB:	0	0.88	0.12
RMSE:	6.7	0.98	0.98

MAX_MEAN: 24.9

MAX_MED: 24.9

BMAD: 0.657



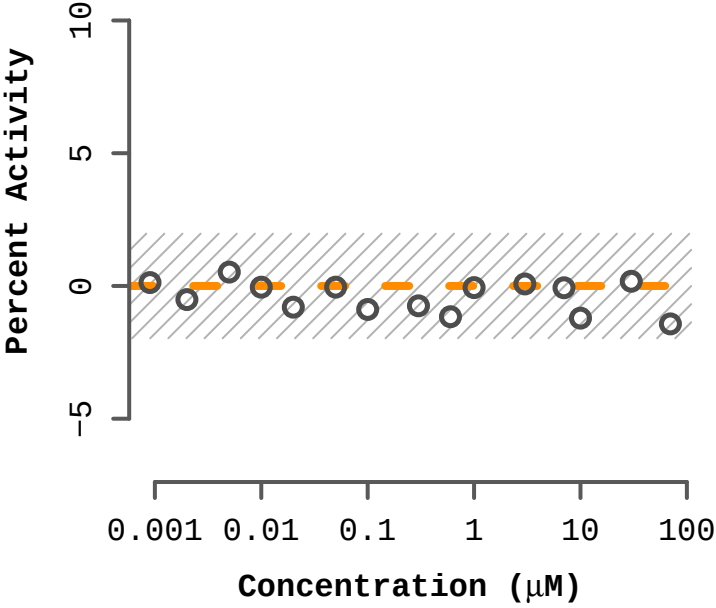
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diphenyl oxide
CHID: 21847 CASRN: 101-84-8
SPID(S): Tox21_202277
M4ID: 11453535

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.71	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA
MAX_MEAN:	1.8	MAX_MED: 1.8	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Ethyl-3-methylaniline

CHID: 21848 **CASRN:** 102-27-2

SPID(S): Tox21_201647

M4ID: 11454165

HILL MODEL: Not applicable.

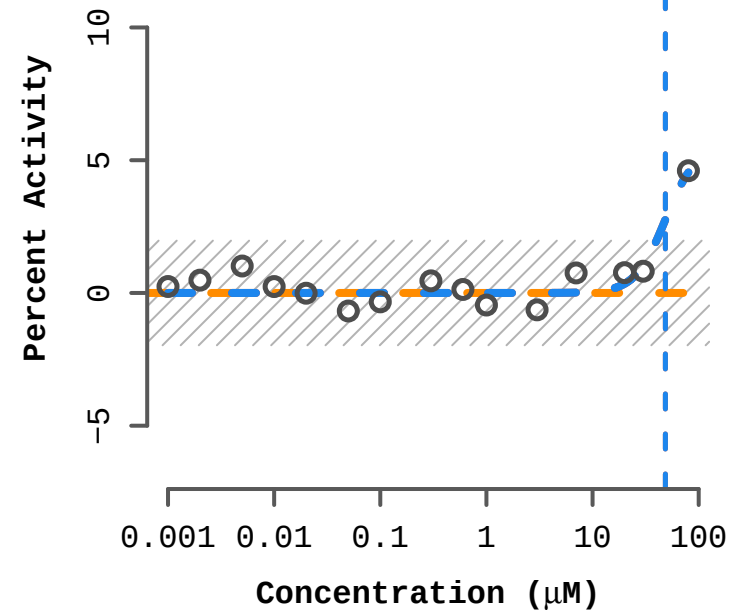
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.85	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 0.523

MAX_MED: 0.523

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Piperazineethanol

CHID: 21853 CASRN: 103-76-4

SPID(S): Tox21_201974

M4ID: 11453838

HILL MODEL (in red):

	tp	ga	gw
val:	5.53	1.69	3.06
sd:	2.03	0.171	1.8

GAIN-LOSS MODEL (in blue):

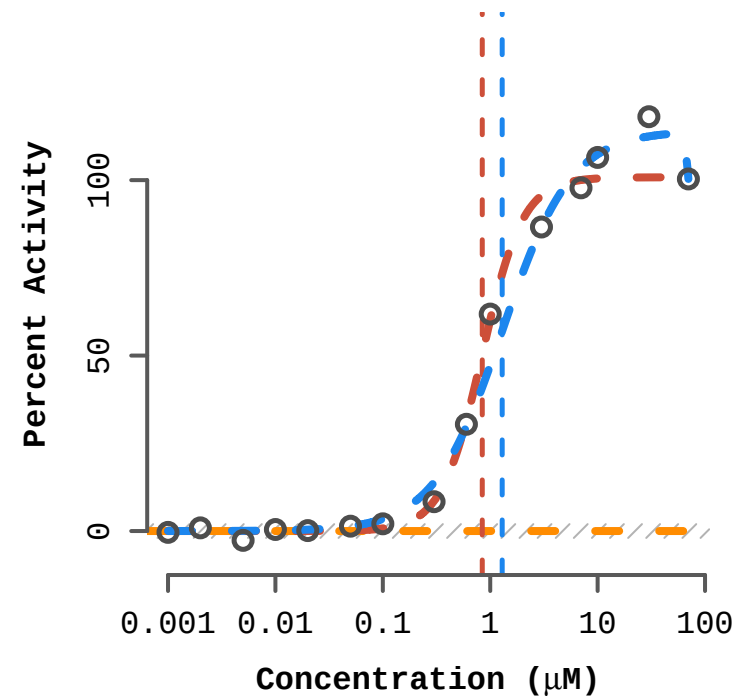
	tp	ga	gw	la	lw
val:	5.53	1.69	3.05	3.88	6.47
sd:	2.01	0.169	1.78	595000	1940000

	CNST	HILL	GNLS
AIC:	43.33	30.69	34.69
PROB:	0	0.88	0.12
RMSE:	1.31	0.49	0.49

MAX_MEAN: 4.61

MAX_MED: 4.61

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethyl propanedioate

CHID: 21863 CASRN: 105-53-3

SPID(S): Tox21_201362

M4ID: 11454450

HILL MODEL (in red):

	tp	ga	gw
val:	101	-0.0741	2.3
sd:	2.09	0.0192	0.269

GAIN-LOSS MODEL (in blue):

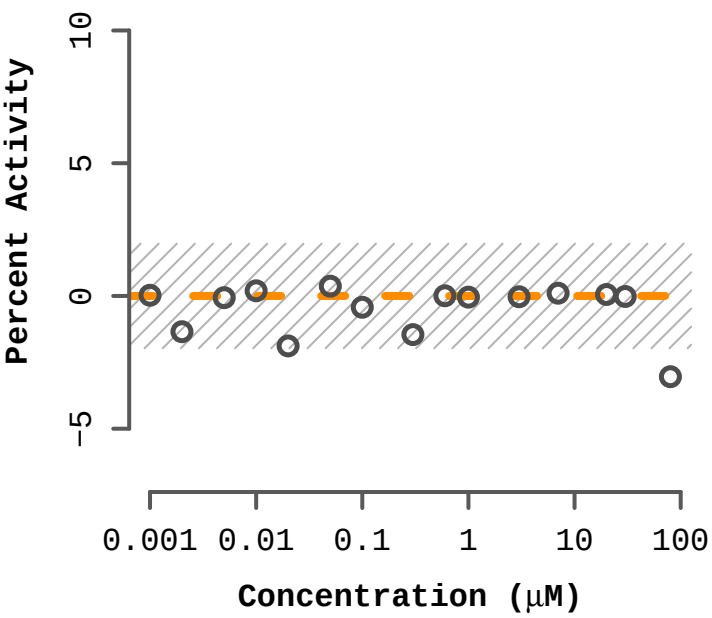
	tp	ga	gw	la	lw
val:	114	0.111	1.35	1.91	14.6
sd:	5.22	0.0535	0.142	0.00813	3.02

	CNST	HILL	GNLS
AIC:	168.67	93.29	94.54
PROB:	0	0.65	0.35
RMSE:	61.78	5.4	4.62

MAX_MEAN: 118

MAX_MED: 118

BMAD: 0.657



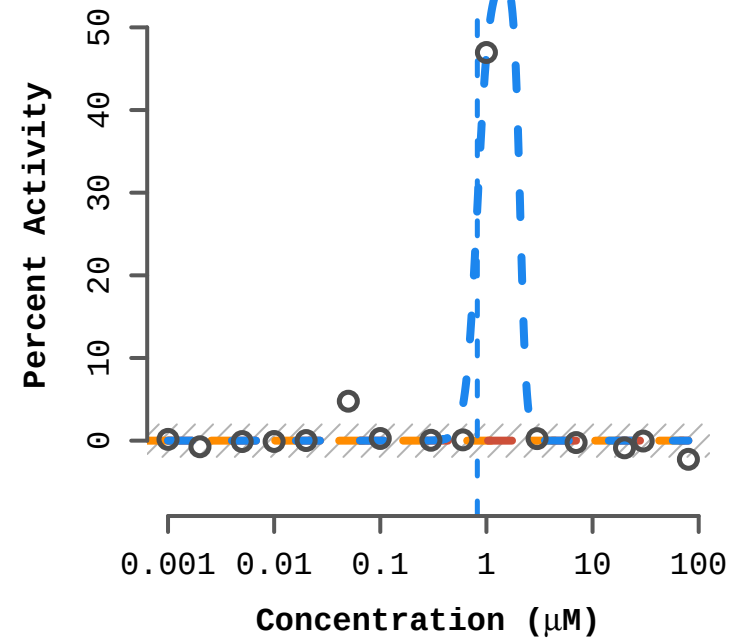
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Dimethylphenol
CHID: 21864 CASRN: 105-67-9
SPID(S): Tox21_201787
M4ID: 11454025

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.15	NA	NA
PROB:	1	NA	NA
RMSE:	1.07	NA	NA
MAX_MEAN:	0.369	MAX_MED: 0.369	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Bromoaniline

CHID: 21867 CASRN: 106-40-1

SPID(S): Tox21_202459

M4ID: 11453353

HILL MODEL (in red):

	tp	ga	gw
val:	37.8	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

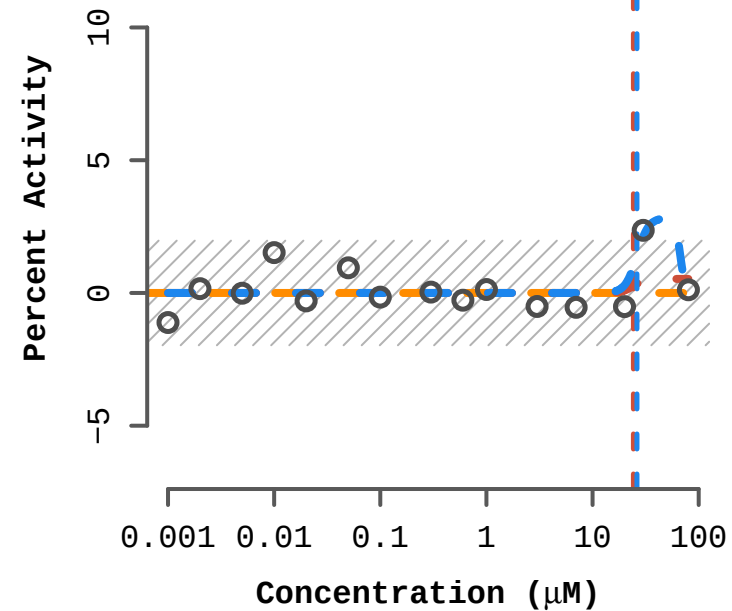
	tp	ga	gw	la	lw
val:	56.4	-0.0857	8	0.318	14.8
sd:	5.58	0.0678	4.18	0.448	41.2

	CNST	HILL	GNLS
AIC:	78.17	84.18	64.56
PROB:	0	0	1
RMSE:	12.21	12.21	1.76

MAX_MEAN: 47

MAX_MED: 47

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chlorophenol

CHID: 21871 CASRN: 106-48-9

SPID(S): Tox21_201704

M4ID: 11454108

HILL MODEL (in red):

	tp	ga	gw
val:	0.53	1.38	8
sd:	1.34	0.128	22.3

GAIN-LOSS MODEL (in blue):

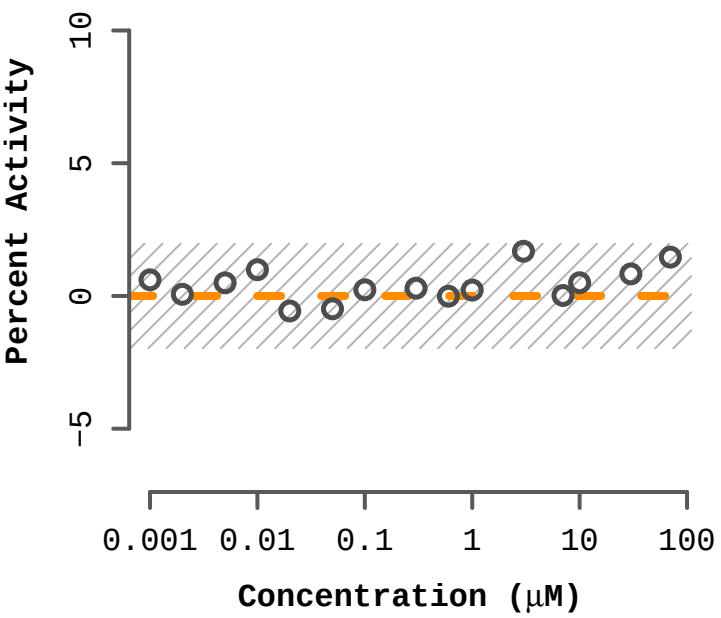
	tp	ga	gw	la	lw
val:	2.83	1.42	8	1.83	17.6
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	37.73	42.95	40.14
PROB:	0.73	0.05	0.22
RMSE:	0.86	0.79	0.63

MAX_MEAN: 2.36

MAX_MED: 2.36

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methylaniline

CHID: 21872 **CASRN:** 106-49-0

SPID(S): Tox21_202142

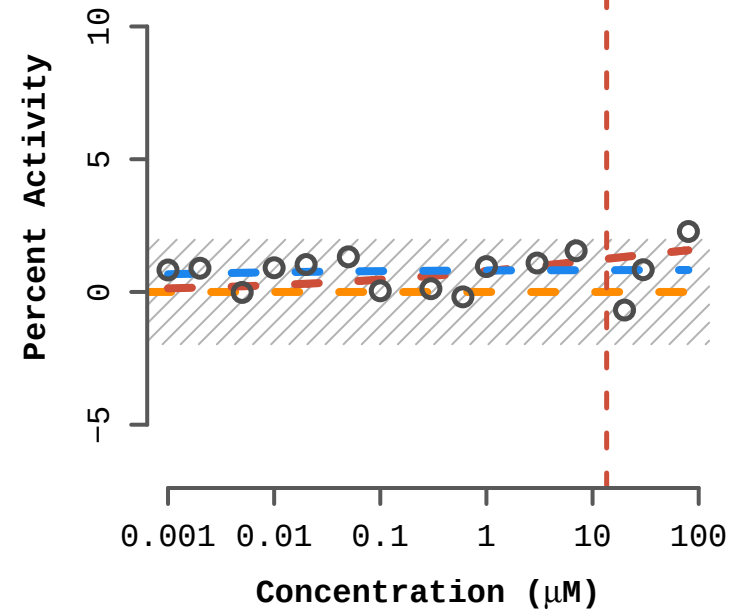
M4ID: 11453670

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.8	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 1.68 **MAX_MED:** 1.68 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methyl-2,4-pentanedio1

CHID: 21885 CASRN: 107-41-5

SPID(S): Tox21_201975

M4ID: 11453837

HILL MODEL (in red):

	tp	ga	gw
val:	2.5	1.13	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

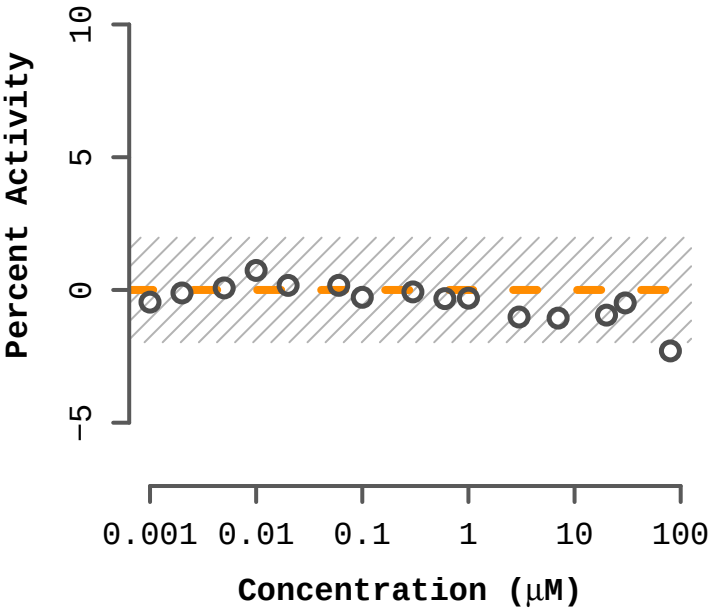
	tp	ga	gw	la	lw
val:	0.834	-5	0.3	3.87	8.46
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	47.17	43.74	45.98
PROB:	0.12	0.66	0.22
RMSE:	1.04	0.78	0.73

MAX_MEAN: 2.28

MAX_MED: 2.28

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Pentanone

CHID: 21888 CASRN: 107-87-9

SPID(S): Tox21_201670

M4ID: 11454142

HILL MODEL: Not applicable.

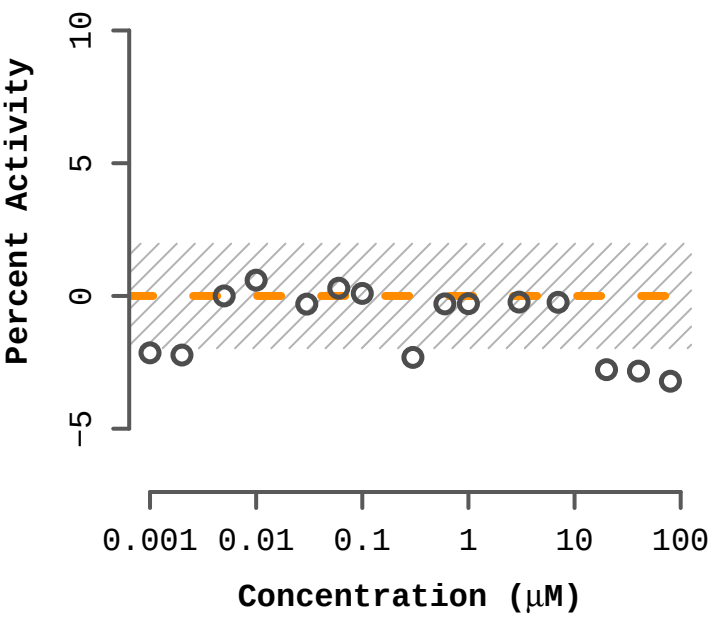
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA

MAX_MEAN: 0.737

MAX_MED: 0.737

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methylpyridine

CHID: 21892 CASRN: 108-89-4

SPID(S): Tox21_201400

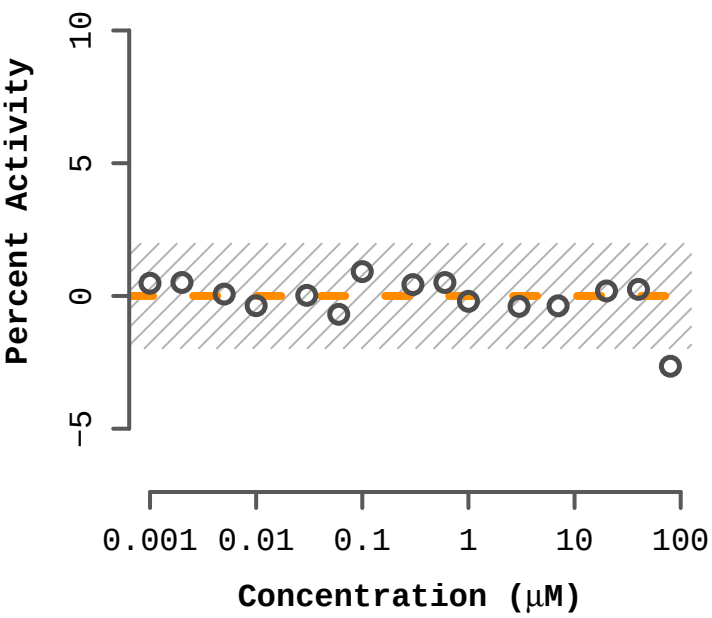
M4ID: 11454412

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	60.48	NA	NA
PROB:	1	NA	NA
RMSE:	1.67	NA	NA

MAX_MEAN: 0.596 MAX_MED: 0.596 BMAD: 0.657



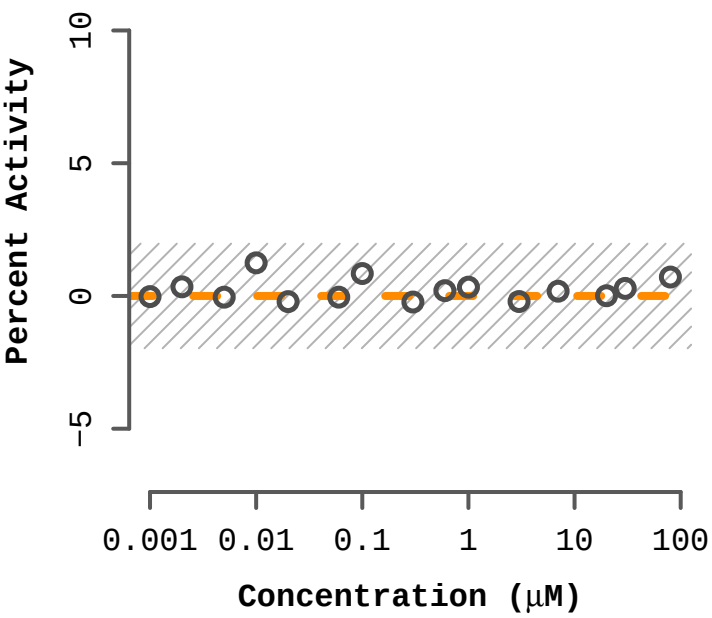
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyclohexanol
CHID: 21894 CASRN: 108-93-0
SPID(S): Tox21_201481
M4ID: 11454331

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.89	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA
MAX_MEAN:	0.919	MAX_MED: 0.919	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Methylpyridine

CHID: 21897 **CASRN:** 108-99-6

SPID(S): Tox21_201966

M4ID: 11453846

HILL MODEL: Not applicable.

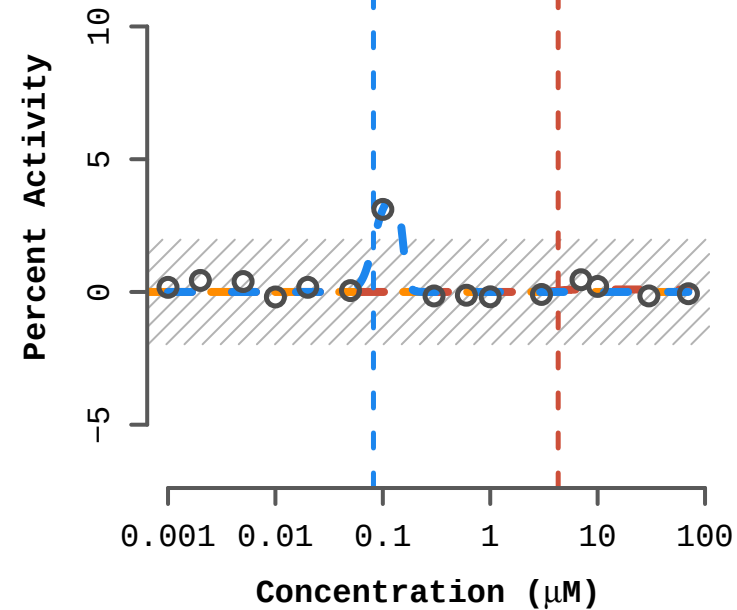
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	20.08	NA	NA
PROB:	1	NA	NA
RMSE:	0.47	NA	NA

MAX_MEAN: 1.25

MAX_MED: 1.25

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methylpyridine

CHID: 21899 CASRN: 109-06-8

SPID(S): Tox21_201693

M4ID: 11454119

HILL MODEL (in red):

	tp	ga	gw
val:	0.0945	0.633	8
sd:	0.155	0.435	18.7

GAIN-LOSS MODEL (in blue):

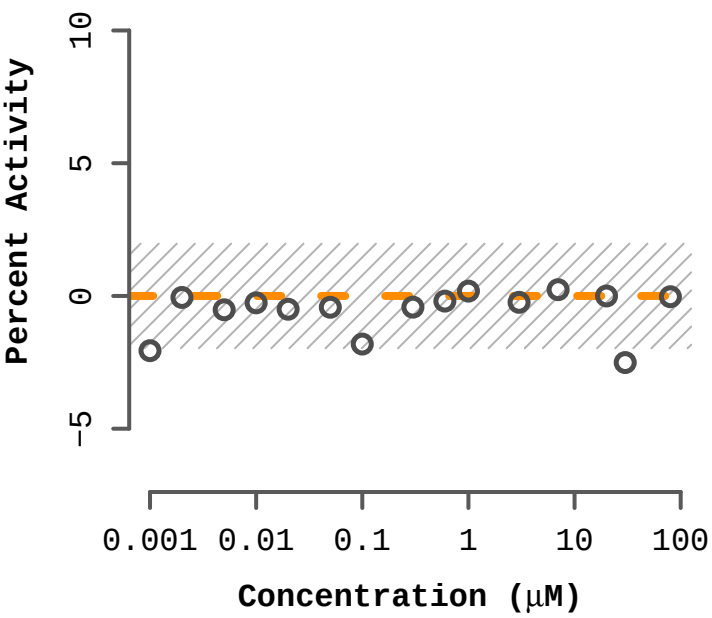
	tp	ga	gw	la	lw
val:	3.73	-1.09	8	-0.812	18
sd:	2.38	0.152	6.17	1.73	128

	CNST	HILL	GNLS
AIC:	21.25	26.85	11.74
PROB:	0.01	0	0.99
RMSE:	0.84	0.83	0.23

MAX_MEAN: 3.11

MAX_MED: 3.11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

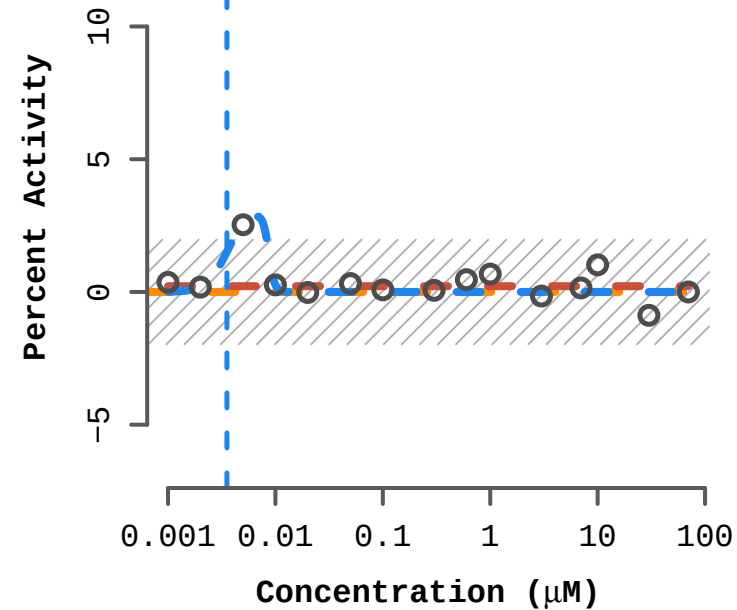
NAME: Propyl acetate
CHID: 21901 CASRN: 109-60-4
SPID(S): Tox21_202012
M4ID: 11453800

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.98	NA	NA
PROB:	1	NA	NA
RMSE:	1	NA	NA

MAX_MEAN: 0.237 MAX_MED: 0.237 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 5-Methyl-2-hexanone

CHID: 21914 CASRN: 110-12-3

SPID(S): Tox21_201346

M4ID: 11454466

HILL MODEL (in red):

	tp	ga	gw
val:	0.217	-4.75	3.94
sd:	0.11	1700	3830

GAIN-LOSS MODEL (in blue):

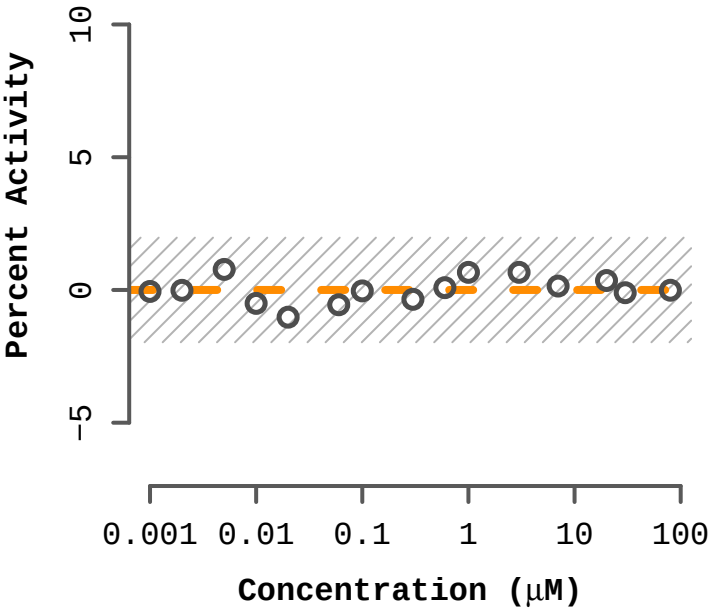
	tp	ga	gw	la	lw
val:	3.04	-2.45	4.62	-2.06	16.2
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	31.62	34.1	27.78
PROB:	0.12	0.04	0.84
RMSE:	0.79	0.72	0.43

MAX_MEAN: 2.53

MAX_MED: 2.53

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

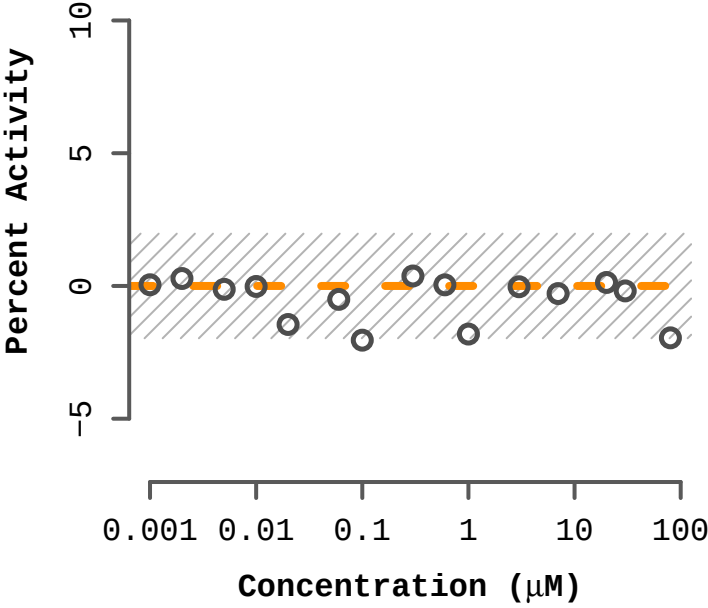
NAME: 2-Heptanone
CHID: 21916 CASRN: 110-43-0
SPID(S): Tox21_202164
M4ID: 11453648

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	23.12	NA	NA
PROB:	1	NA	NA
RMSE:	0.48	NA	NA

MAX_MEAN: 0.775 MAX_MED: 0.775 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

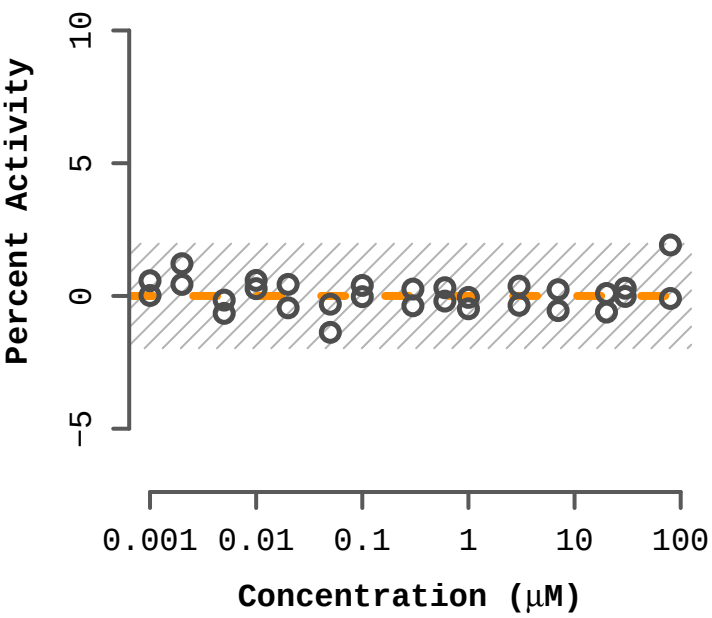
NAME: 2-Butyne-1,4-diol
CHID: 21921 CASRN: 110-65-6
SPID(S): Tox21_201284
M4ID: 11454528

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.83	NA	NA
PROB:	1	NA	NA
RMSE:	0.97	NA	NA

MAX_MEAN: 0.377 MAX_MED: 0.377 BMAD: 0.657



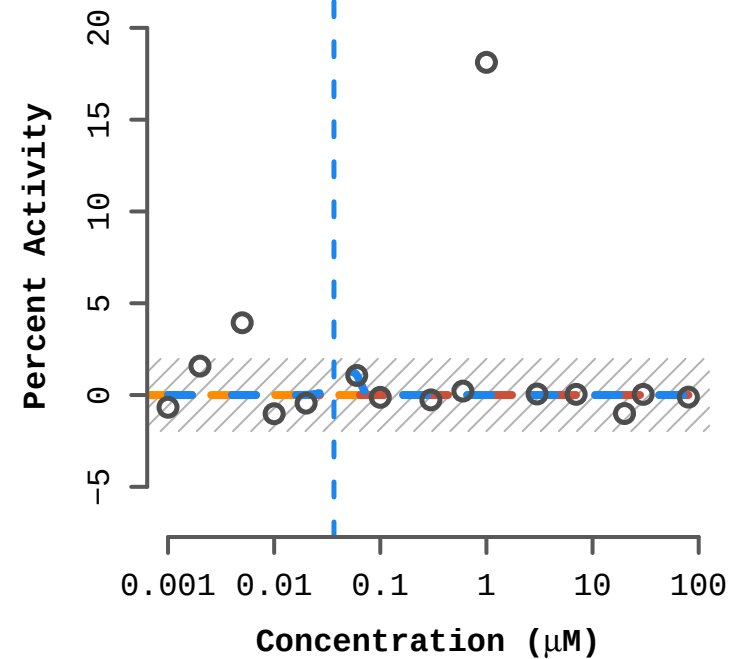
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethoxyethyl acetate
CHID: 21928 CASRN: 111-15-9
SPID(S): Tox21_400028
M4ID: 11453320

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	52.65	NA	NA
PROB:	1	NA	NA
RMSE:	0.6	NA	NA
MAX_MEAN:	0.914	MAX_MED: 0.914	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Hexanol

CHID: 21931 CASRN: 111-27-3

SPID(S): Tox21_201335

M4ID: 11454477

HILL MODEL (in red):

	tp	ga	gw
val:	13.9	2.4	7.97
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

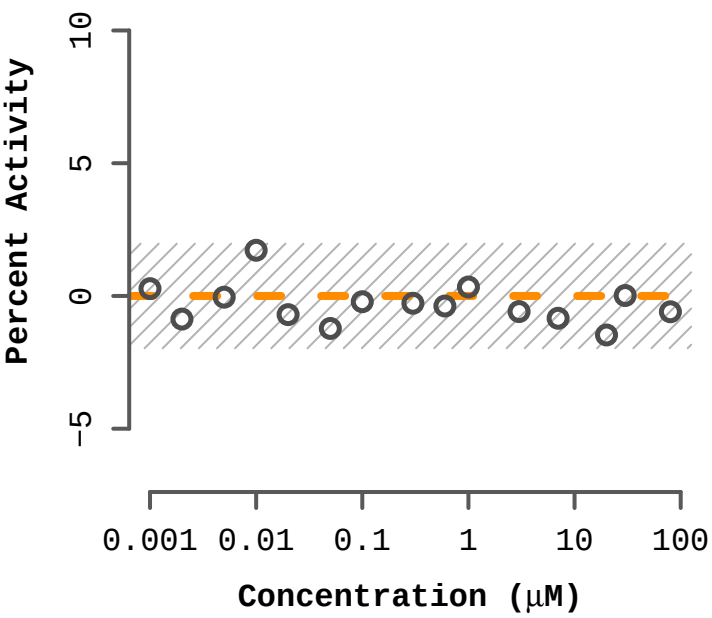
	tp	ga	gw	la	lw
val:	1.36	-1.44	8	-1.19	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	68.35	74.35	76.95
PROB:	0.94	0.05	0.01
RMSE:	4.83	4.83	4.83

MAX_MEAN: 18.1

MAX_MED: 18.1

BMAD: 0.657



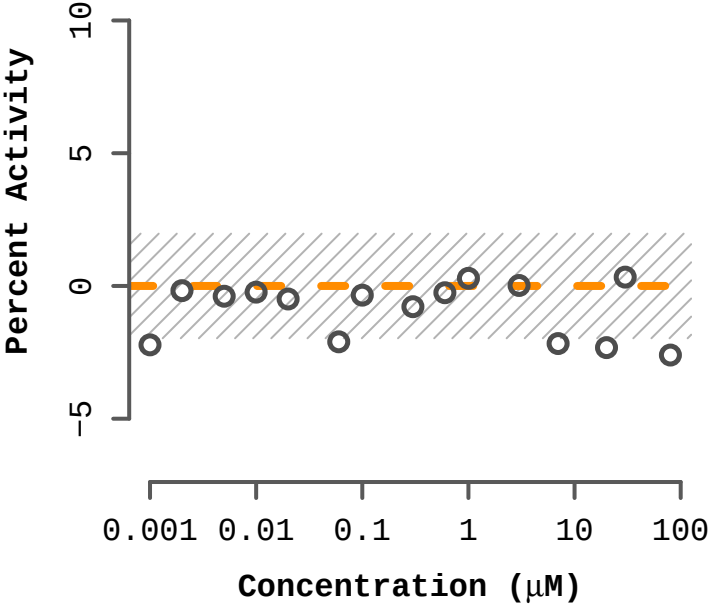
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethanolamine
CHID: 21932 **CASRN:** 111-42-2
SPID(S): Tox21_201701
M4ID: 11454111

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	38.9	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.81	NA	NA	
MAX_MEAN:	1.72	MAX_MED:	1.72	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexanedinitrile

CHID: 21936 CASRN: 111-69-3

SPID(S): Tox21_202183

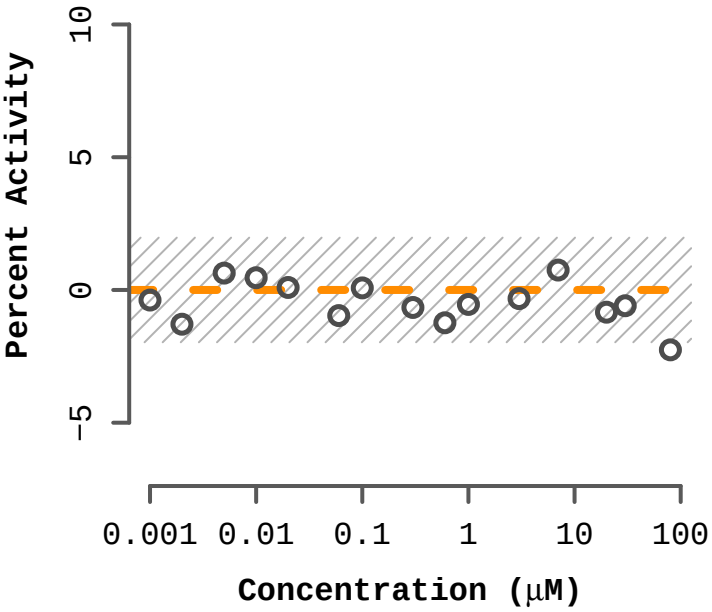
M4ID: 11453629

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.97	NA	NA
PROB:	1	NA	NA
RMSE:	1.36	NA	NA

MAX_MEAN:	0.334	MAX_MED:	0.334	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Heptanol

CHID: 21937 CASRN: 111-70-6

SPID(S): Tox21_201247

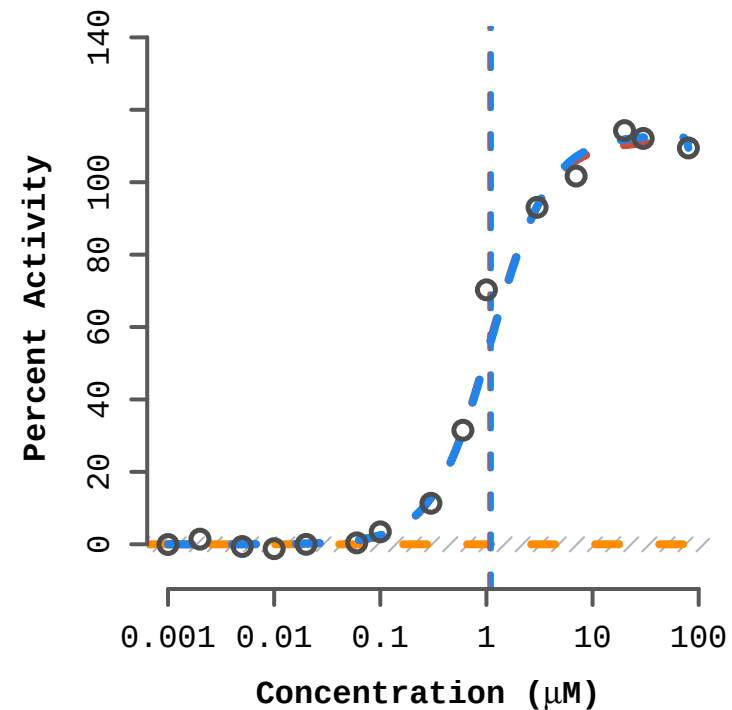
M4ID: 11454565

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.33	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA

MAX_MEAN: 0.751	MAX_MED: 0.751	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Octanol

CHID: 21940 CASRN: 111-87-5

SPID(S): Tox21_201373

M4ID: 11454439

HILL MODEL (in red):

	tp	ga	gw
val:	111	0.0315	1.6
sd:	1.56	0.0205	0.0789

GAIN-LOSS MODEL (in blue):

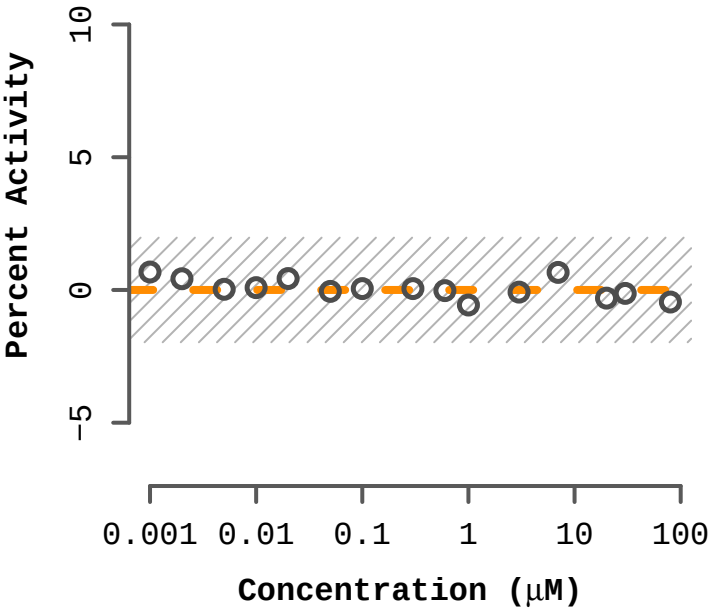
	tp	ga	gw	la	lw
val:	113	0.0469	1.57	1.99	18
sd:	1.45	0.0185	0.0681	0.0142	3.73

	CNST	HILL	GNLS
AIC:	170.18	84.19	85.75
PROB:	0	0.69	0.31
RMSE:	64.65	4.95	5.08

MAX_MEAN: 114

MAX_MED: 114

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Decanol

CHID: 21946 **CASRN:** 112-30-1

SPID(S): Tox21_202186

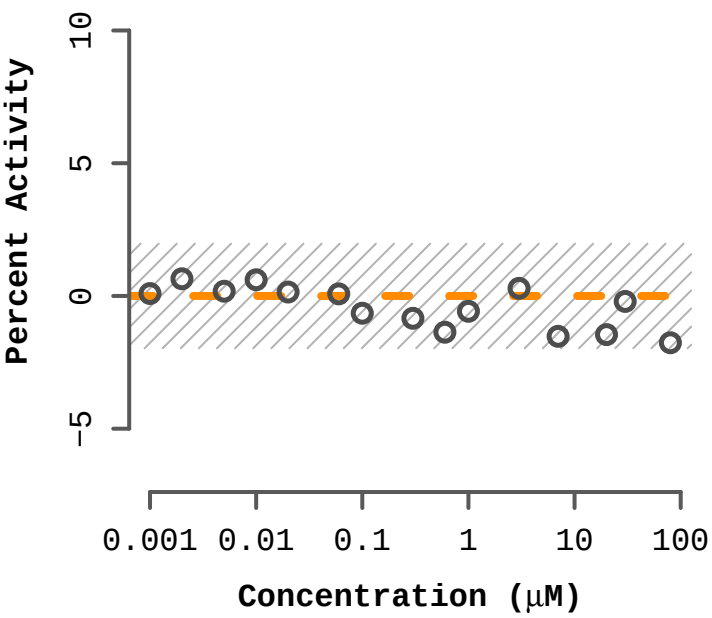
M4ID: 11453626

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	14.65	NA	NA
PROB:	1	NA	NA
RMSE:	0.36	NA	NA

MAX_MEAN:	0.677	MAX_MED:	0.677	BMAD:	0.657
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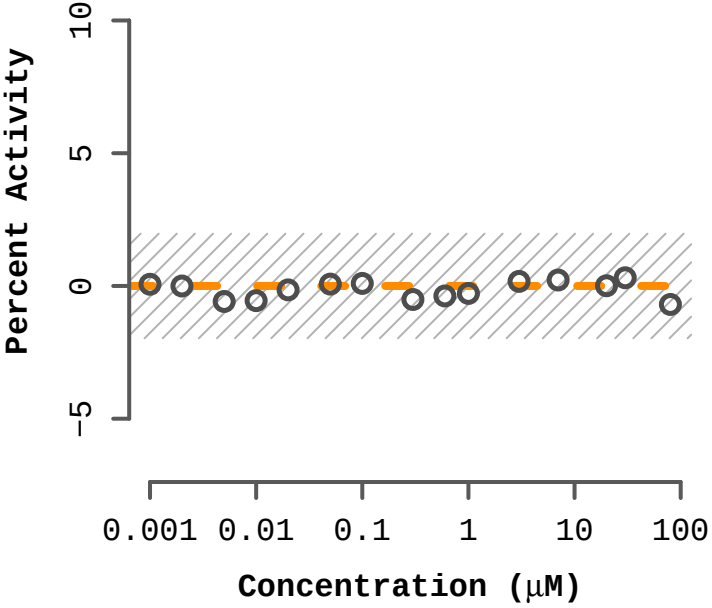
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Tridecanol
CHID: 21947 CASRN: 112-70-9
SPID(S): Tox21_202208
M4ID: 11453604

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	41.94	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.89	NA	NA	
MAX_MEAN:	0.648	MAX_MED:	0.648	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propoxur

CHID: 21948 CASRN: 114-26-1

SPID(S): Tox21_201968

M4ID: 11453844

HILL MODEL: Not applicable.

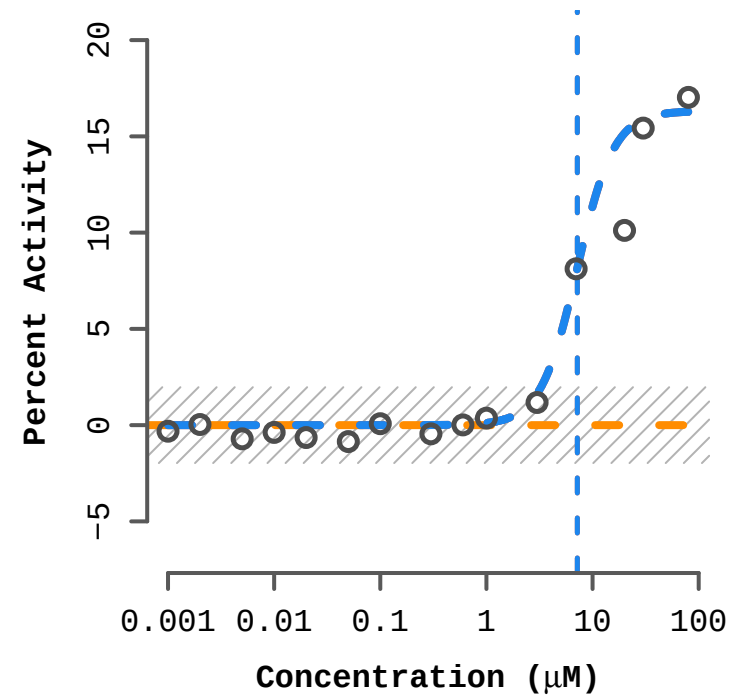
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	14.08	NA	NA
PROB:	1	NA	NA
RMSE:	0.35	NA	NA

MAX_MEAN: 0.31

MAX_MED: 0.31

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triphenyl phosphate

CHID: 21952 CASRN: 115-86-6

SPID(S): Tox21_201511

M4ID: 11454301

HILL MODEL (in red):

	tp	ga	gw
val:	16.3	0.857	2.52
sd:	0.754	0.0376	0.749

GAIN-LOSS MODEL (in blue):

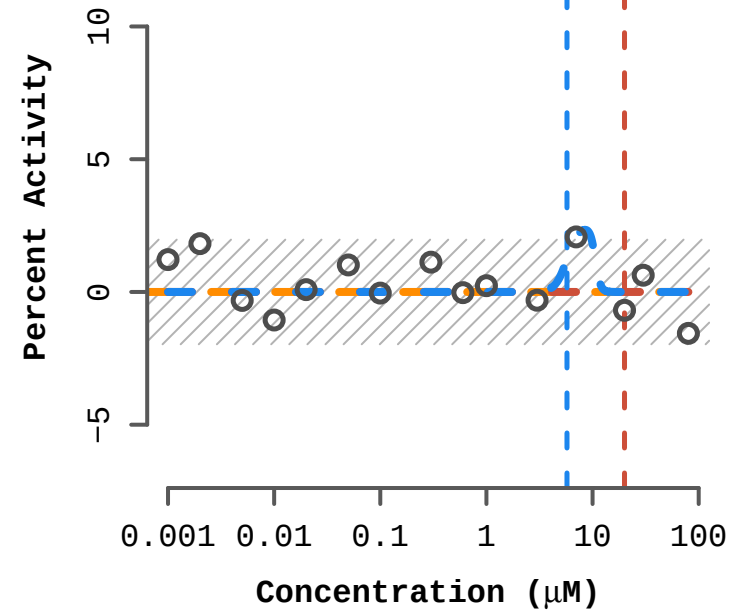
	tp	ga	gw	la	lw
val:	16.3	0.857	2.52	3.89	5.45
sd:	0.754	0.0376	0.749	12300	33700

	CNST	HILL	GNLS
AIC:	97.78	46.19	50.19
PROB:	0	0.88	0.12
RMSE:	6.83	1.38	1.38

MAX_MEAN: 17

MAX_MED: 17

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethyl phthalate

CHID: 21956 CASRN: 117-84-0

SPID(S): Tox21_202233

M4ID: 11453579

HILL MODEL (in red):

	tp	ga	gw
val:	4.48e-10	1.3	1.48
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

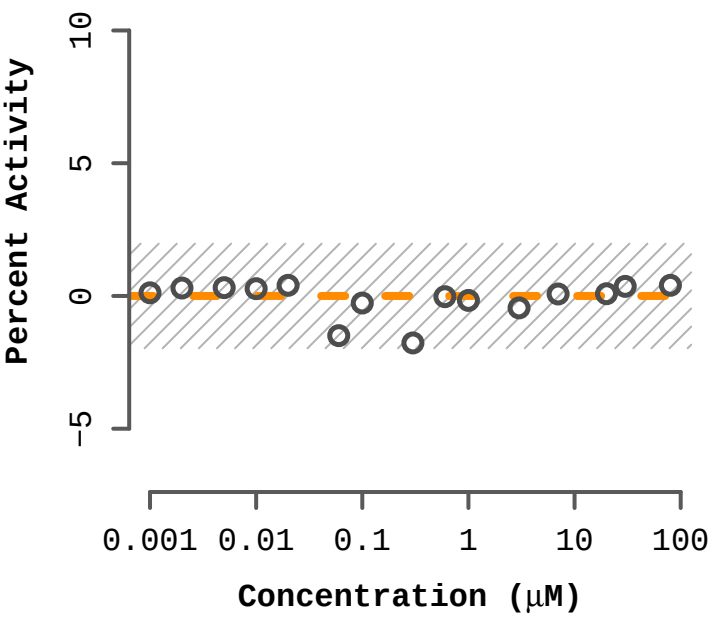
	tp	ga	gw	la	lw
val:	2.49	0.759	7.97	1.03	17.9
sd:	4.43	0.469	15.5	2.99	229

	CNST	HILL	GNLS
AIC:	46.87	52.87	52.03
PROB:	0.89	0.04	0.07
RMSE:	1.04	1.04	0.89

MAX_MEAN: 2.07

MAX_MED: 2.07

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenyl salicylate

CHID: 21957 **CASRN:** 118-55-8

SPID(S): Tox21_201811

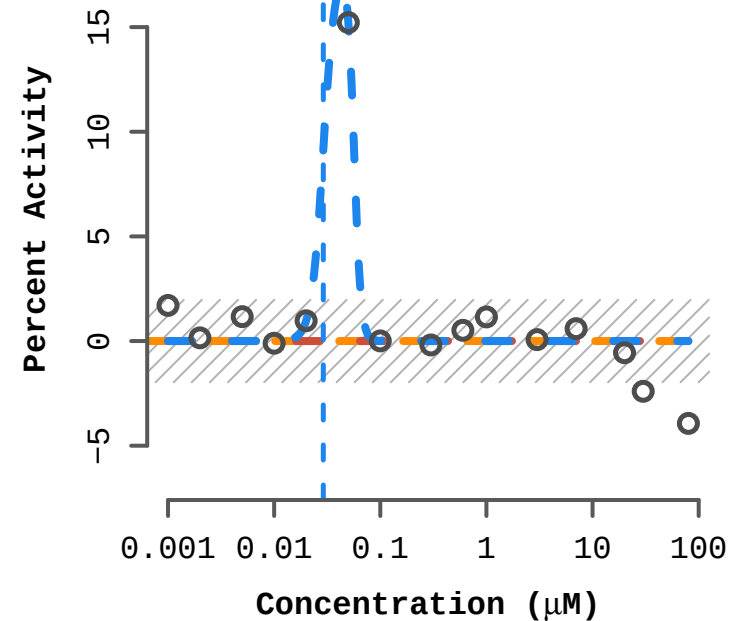
M4ID: 11454001

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	27.74	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA

MAX_MEAN: 0.403 **MAX_MED:** 0.403 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,6-Tribromophenol

CHID: 21959 CASRN: 118-79-6

SPID(S): Tox21_201273

M4ID: 11454539

HILL MODEL (in red):

	tp	ga	gw
val:	2.62e-08	2.31	3.37
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

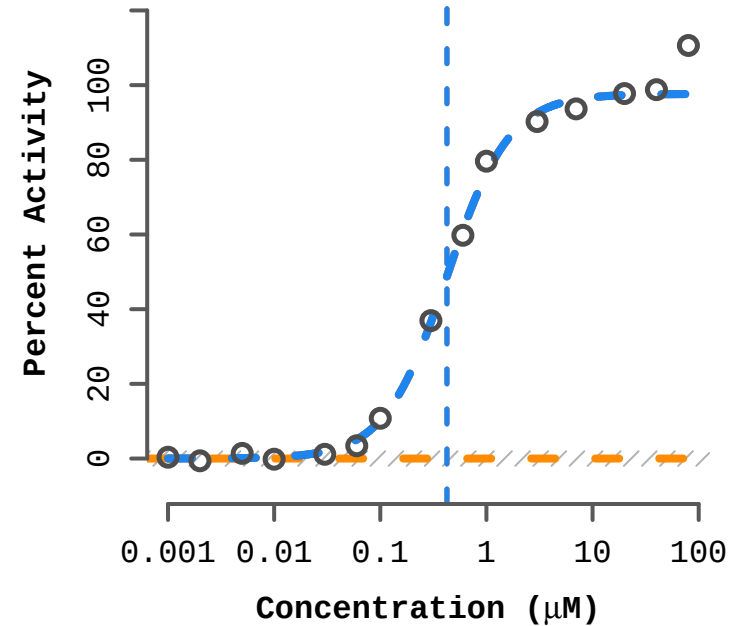
	tp	ga	gw	la	lw
val:	18.3	-1.54	7.72	-1.25	13.6
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	71.12	77.12	60.23
PROB:	0	0	1
RMSE:	4.17	4.17	1.36

MAX_MEAN: 15.2

MAX_MED: 15.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzophenone

CHID: 21961 CASRN: 119-61-9

SPID(S): Tox21_202425

M4ID: 11453387

HILL MODEL (in red):

	tp	ga	gw
val:	97.6	-0.372	1.48
sd:	1.11	0.0174	0.0894

GAIN-LOSS MODEL (in blue):

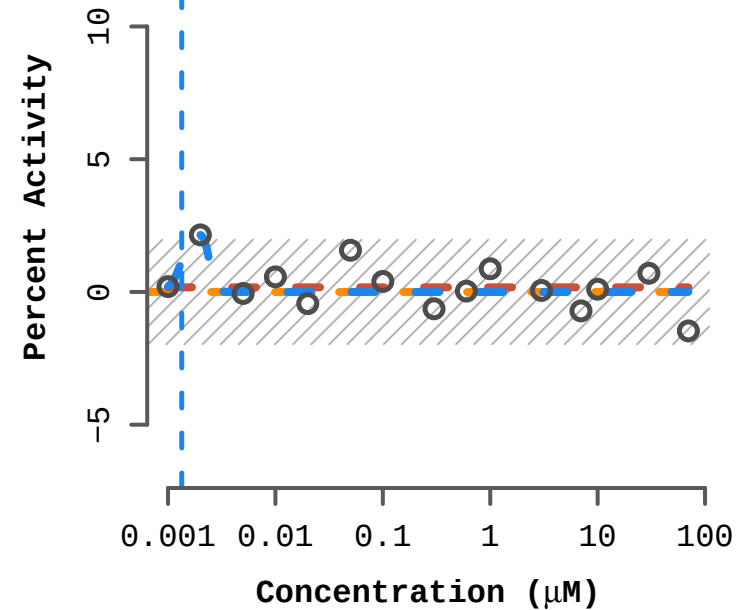
	tp	ga	gw	la	lw
val:	97.6	-0.372	1.48	2.62	16.6
sd:	1.11	0.0174	0.0894	5230	118000

	CNST	HILL	GNLS
AIC:	170.28	78.41	82.41
PROB:	0	0.88	0.12
RMSE:	63.18	3.67	3.67

MAX_MEAN: 111

MAX_MED: 111

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,4-Trichlorobenzene

CHID: 21965 CASRN: 120-82-1

SPID(S): Tox21_201311

M4ID: 11454501

HILL MODEL (in red):

	tp	ga	gw
val:	0.174	-4.83	3.24
sd:	0.207	1640	2590

GAIN-LOSS MODEL (in blue):

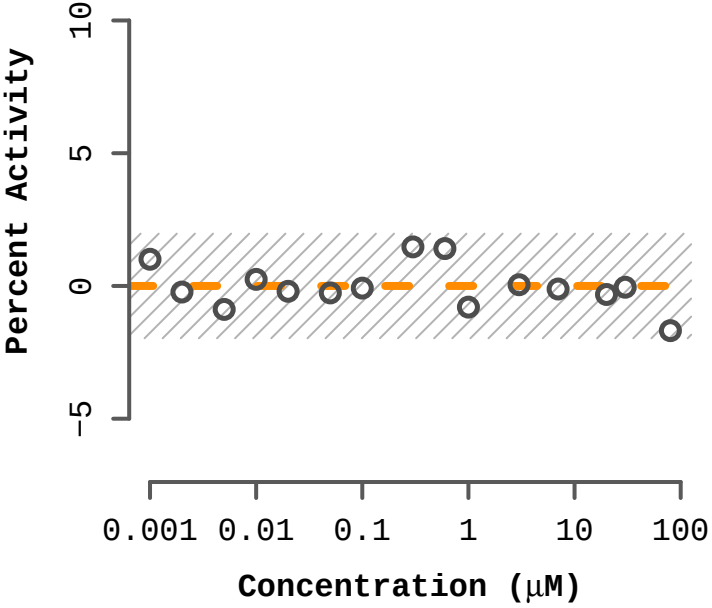
	tp	ga	gw	la	lw
val:	2.34	-2.87	8	-2.62	16.1
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	41.19	46.49	44.11
PROB:	0.77	0.05	0.18
RMSE:	0.9	0.87	0.71

MAX_MEAN: 2.15

MAX_MED: 2.15

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Ethoxy-4-hydroxybenzaldehyde

CHID: 21968 CASRN: 121-32-4

SPID(S): Tox21_202125

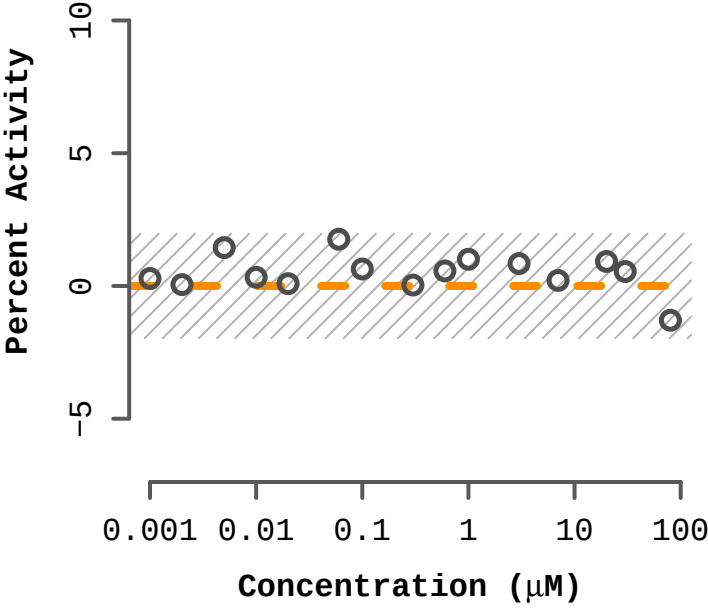
M4ID: 11453687

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.26	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA

MAX_MEAN:	1.47	MAX_MED:	1.47	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Hydroxy-3-methoxybenzaldehyde

CHID: 21969 **CASRN:** 121-33-5

SPID(S): Tox21_201925

M4ID: 11453887

HILL MODEL: Not applicable.

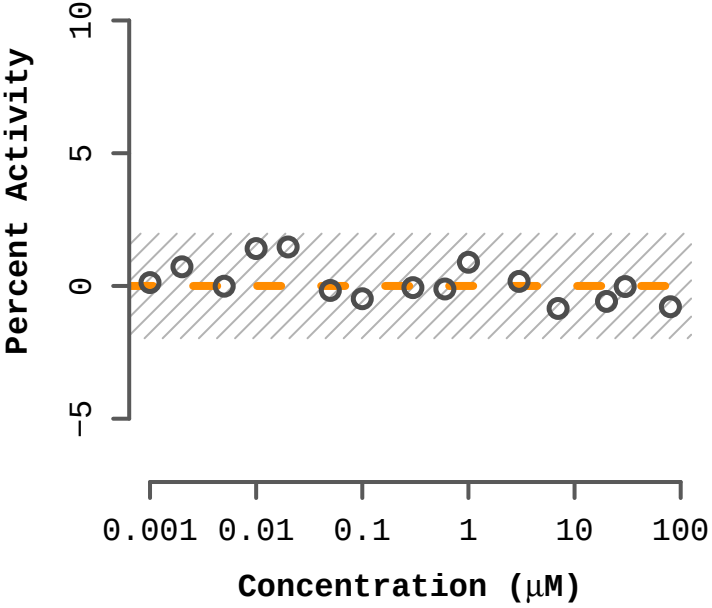
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.84	NA	NA

MAX_MEAN: 1.76

MAX_MED: 1.76

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Chloro-3-nitrobenzene

CHID: 21971 **CASRN:** 121-73-3

SPID(S): Tox21_201330

M4ID: 11454482

HILL MODEL: Not applicable.

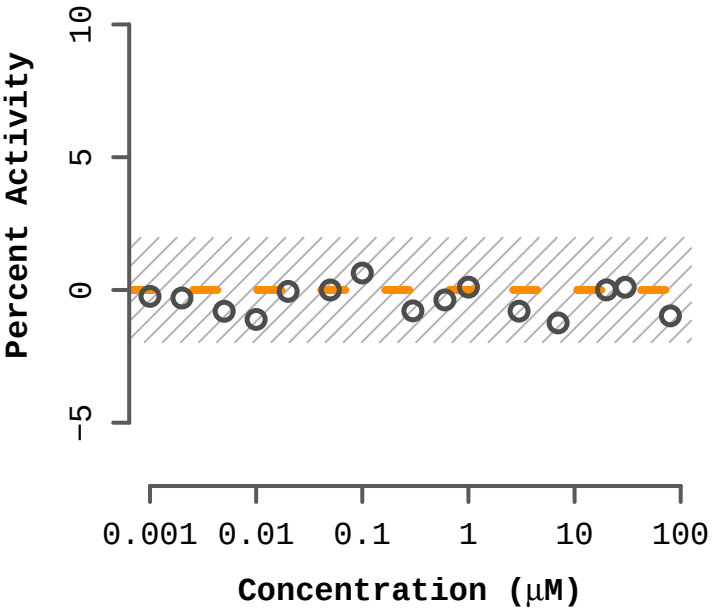
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 1.47

MAX_MED: 1.47

BMAD: 0.657



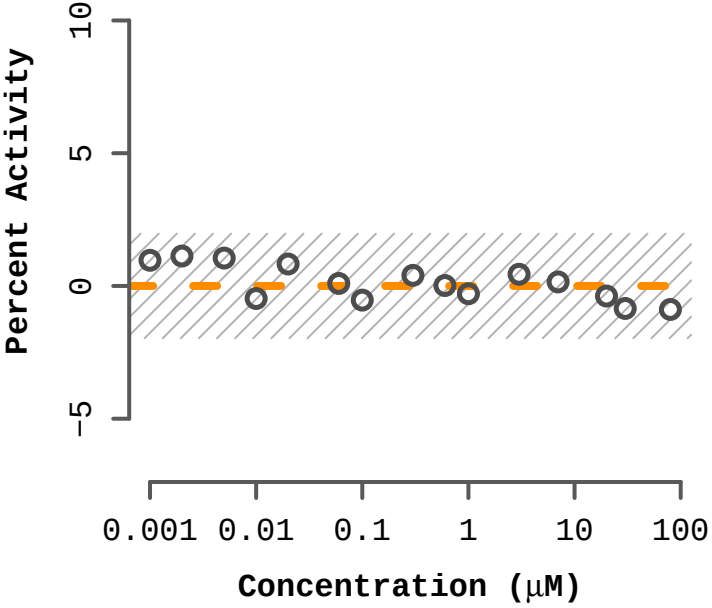
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diphenylamine
CHID: 21975 CASRN: 122-39-4
SPID(S): Tox21_201611
M4ID: 11454201

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.99	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA
MAX_MEAN:	0.64	MAX_MED: 0.64	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Phenoxyethanol

CHID: 21976 CASRN: 122-99-6

SPID(S): Tox21_202111

M4ID: 11453701

HILL MODEL: Not applicable.

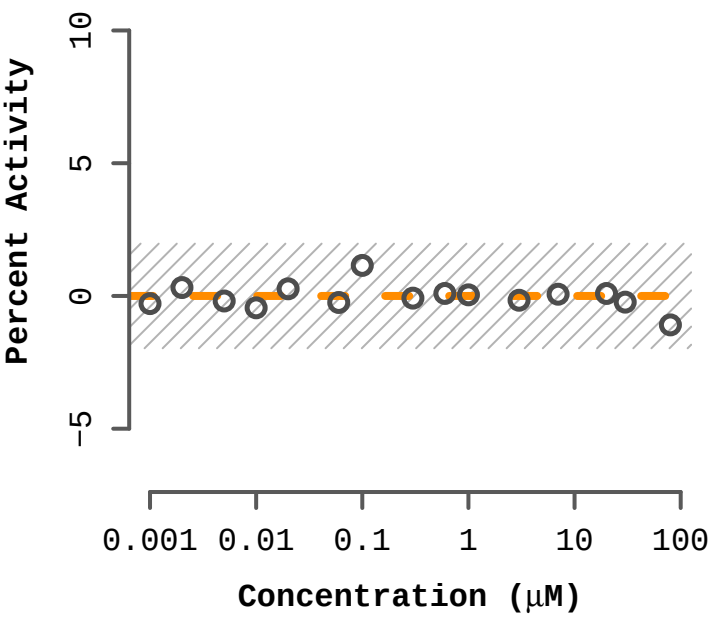
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA

MAX_MEAN: 1.13

MAX_MED: 1.13

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Ethylphenol

CHID: 21977 CASRN: 123-07-9

SPID(S): Tox21_201533

M4ID: 11454279

HILL MODEL: Not applicable.

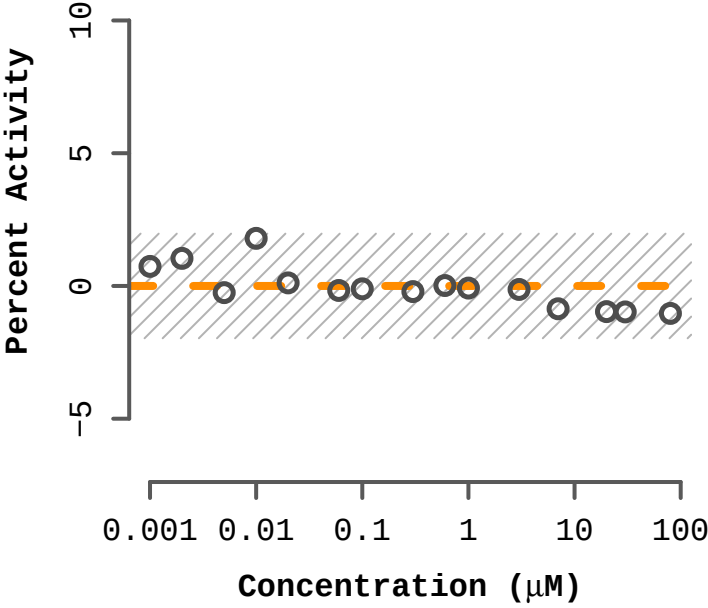
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.46	NA	NA

MAX_MEAN: 1.15

MAX_MED: 1.15

BMAD: 0.657



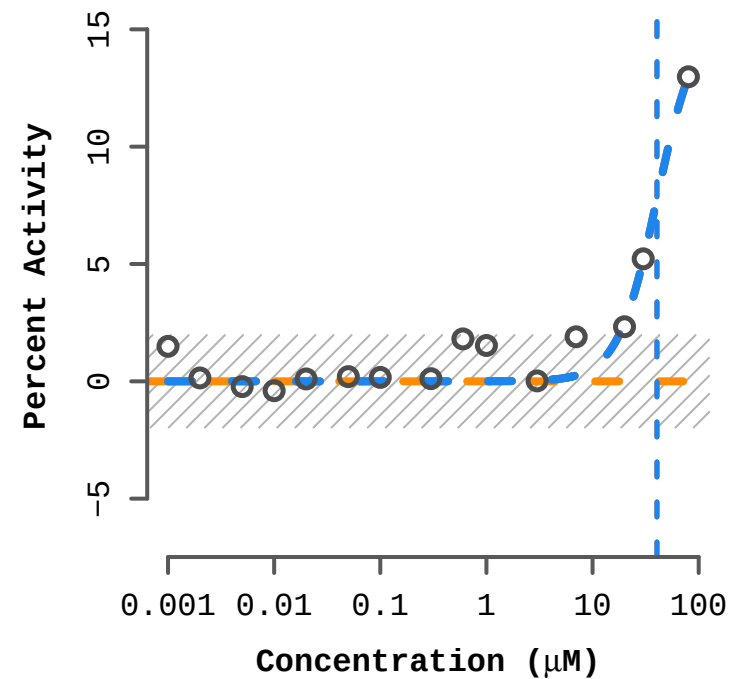
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Dodecanamine
CHID: 21984 **CASRN:** 124-22-1
SPID(S): Tox21_201900
M4ID: 11453912

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.87	NA	NA
PROB:	1	NA	NA
RMSE:	0.76	NA	NA
MAX_MEAN:	1.79	MAX_MED: 1.79	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tributyl phosphate

CHID: 21986 CASRN: 126-73-8

SPID(S): Tox21_201872

M4ID: 11453940

HILL MODEL (in red):

	tp	ga	gw
val:	15.6	1.61	2.35
sd:	2.93	0.107	0.771

GAIN-LOSS MODEL (in blue):

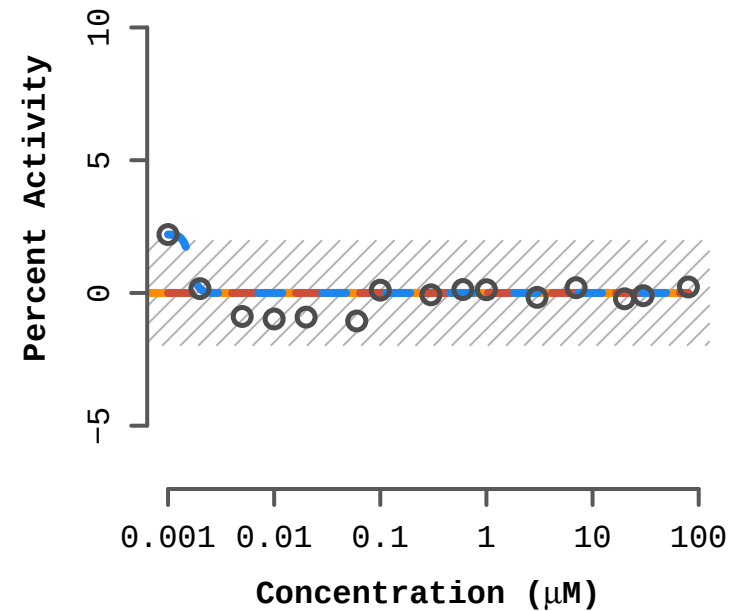
	tp	ga	gw	la	lw
val:	15.6	1.61	2.35	2.68	9.97
sd:	2.93	0.107	0.771	979	12500

	CNST	HILL	GNLS
AIC:	73.49	43.94	47.94
PROB:	0	0.88	0.12
RMSE:	3.77	0.85	0.85

MAX_MEAN: 13

MAX_MED: 13

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dibenzofuran

CHID: 21993 CASRN: 132-64-9

SPID(S): Tox21_202116

M4ID: 11453696

HILL MODEL (in red):

	tp	ga	gw
val:	6.45e-11	-3.4	1.49
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

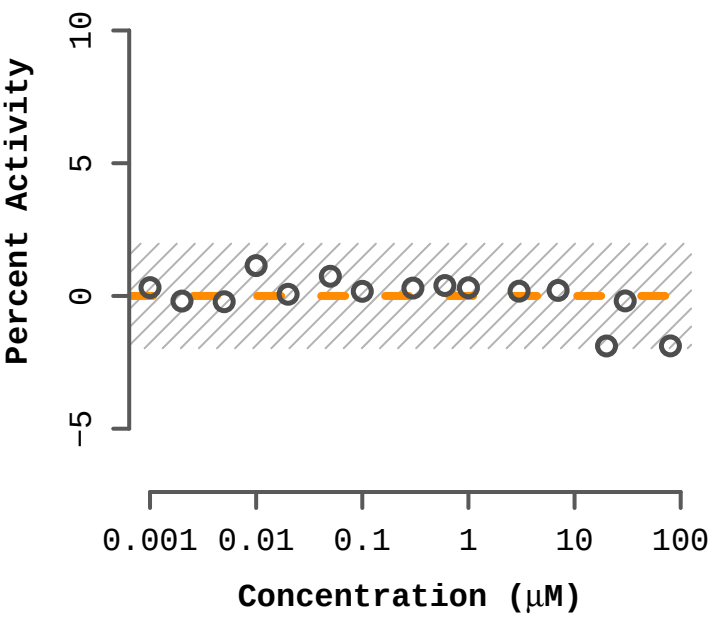
	tp	ga	gw	la	lw
val:	2.21	-4.79	7.15	-2.79	12.5
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	33.69	39.69	33.19
PROB:	0.43	0.02	0.55
RMSE:	0.77	0.77	0.51

MAX_MEAN: 2.2

MAX_MED: 2.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: DEET

CHID: 21995 **CASRN:** 134-62-3

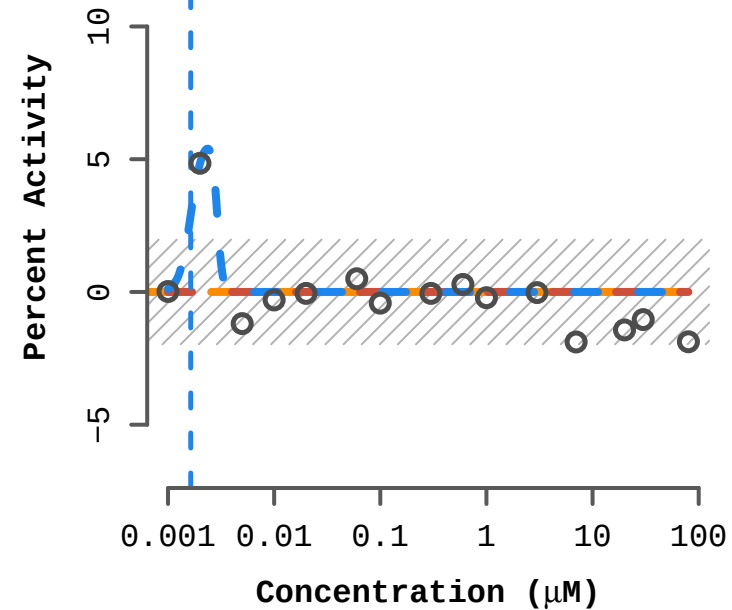
SPID(S): Tox21_201980

M4ID: 11453832

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	35.34	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.8	NA	NA	
MAX_MEAN:	1.14	MAX_MED:	1.14	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-(2-Aminoethyl)piperazine

CHID: 21997 CASRN: 140-31-8

SPID(S): Tox21_202230

M4ID: 11453582

HILL MODEL (in red):

	tp	ga	gw
val:	1.96e-08	2.27	4.09
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

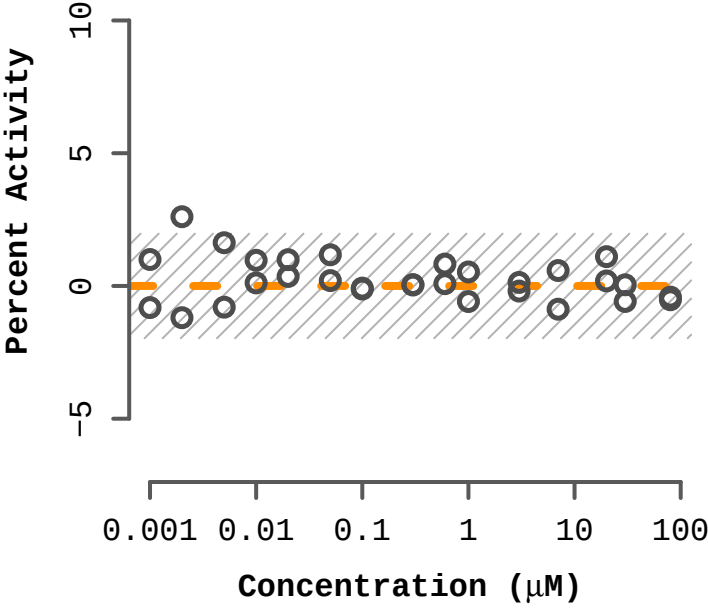
	tp	ga	gw	la	lw
val:	5.82	-2.79	8	-2.54	18
sd:	3.44	0.131	8.53	0.659	71.8

	CNST	HILL	GNLS
AIC:	52.85	58.85	51.09
PROB:	0.29	0.01	0.7
RMSE:	1.54	1.54	0.9

MAX_MEAN: 4.85

MAX_MED: 4.85

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethanolamine

CHID: 22000 **CASRN:** 141-43-5

SPID(S): Tox21_400020

M4ID: 11453328

HILL MODEL: Not applicable.

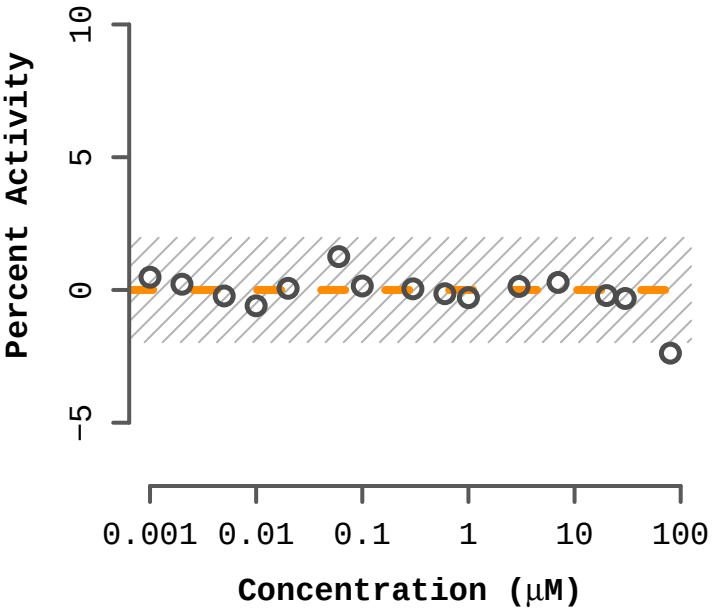
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	75.83	NA	NA
PROB:	1	NA	NA
RMSE:	0.84	NA	NA

MAX_MEAN: 0.707

MAX_MED: 0.707

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hydroquinone dimethyl ether

CHID: 22014 CASRN: 150-78-7

SPID(S): Tox21_201333

M4ID: 11454479

HILL MODEL: Not applicable.

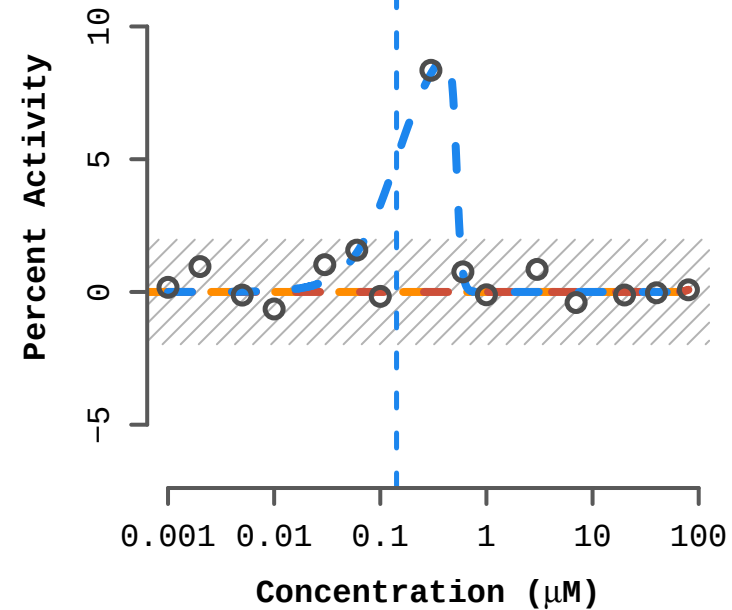
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.85	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 1.26

MAX_MED: 1.26

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,4-Diazabicyclo[2.2.2]octane

CHID: 22016 CASRN: 280-57-9

SPID(S): Tox21_201323

M4ID: 11454489

HILL MODEL (in red):

	tp	ga	gw
val:	9.72	2.16	7.99
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

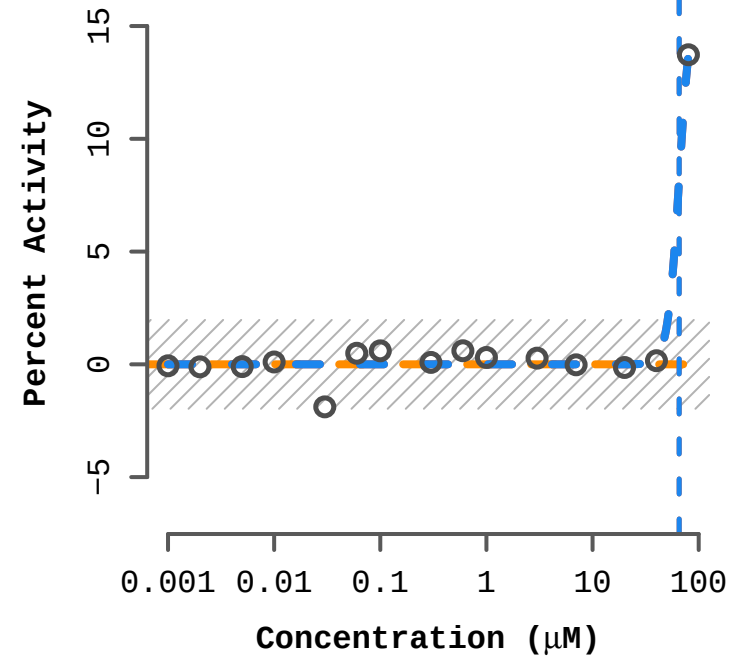
	tp	ga	gw	la	lw
val:	10	-0.847	2.03	-0.281	18
sd:	1.88	0.141	0.541	0.269	81.9

	CNST	HILL	GNLS
AIC:	51.34	57.32	43.97
PROB:	0.02	0	0.97
RMSE:	2.25	2.25	0.99

MAX_MEAN: 8.35

MAX_MED: 8.35

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Disulfoton

CHID: 22018 CASRN: 298-04-4

SPID(S): Tox21_202343

M4ID: 11453469

HILL MODEL (in red):

	tp	ga	gw
val:	16.5	1.82	8
sd:	0.962	0.0107	1.44

GAIN-LOSS MODEL (in blue):

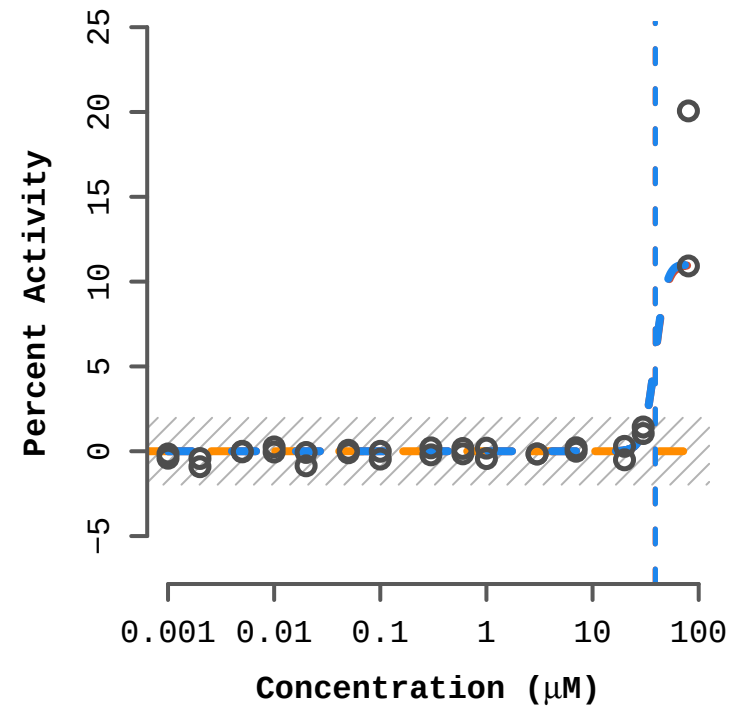
	tp	ga	gw	la	lw
val:	16.5	1.82	8	3.86	4.02
sd:	0.962	0.0107	1.44	1460	3000

	CNST	HILL	GNLS
AIC:	49.72	26.08	30.08
PROB:	0	0.88	0.12
RMSE:	3.59	0.56	0.56

MAX_MEAN: 13.7

MAX_MED: 13.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Flavone

CHID: 22048 CASRN: 525-82-6

SPID(S): Tox21_400059

M4ID: 11453289

HILL MODEL (in red):

	tp	ga	gw
val:	11	1.59	8
sd:	0.257	0.0314	2.22

GAIN-LOSS MODEL (in blue):

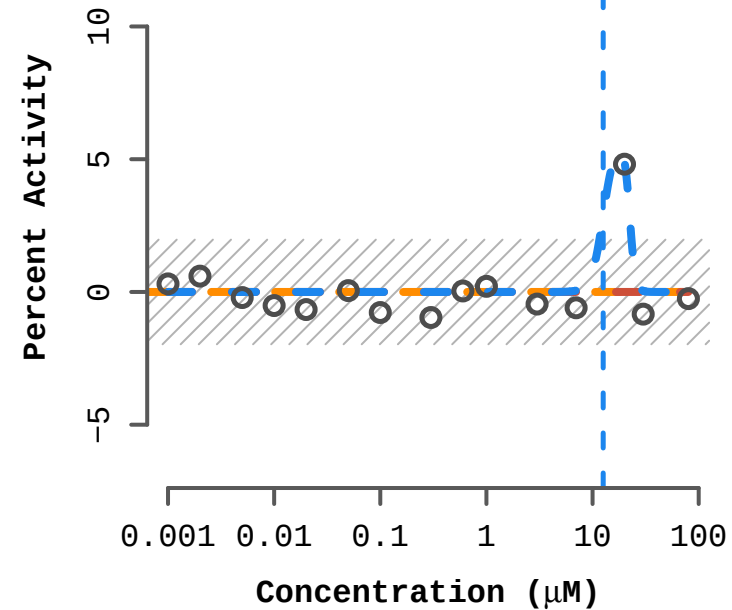
	tp	ga	gw	la	lw
val:	13.5	1.59	8	3.89	0.323
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	94.53	51.22	55.22
PROB:	0	0.88	0.12
RMSE:	4.2	1.69	1.69

MAX_MEAN: 15.5

MAX_MED: 15.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,6-Trimethylphenol

CHID: 22049 CASRN: 527-60-6

SPID(S): Tox21_202252

M4ID: 11453560

HILL MODEL (in red):

	tp	ga	gw
val:	0.000159	2.4	7.96
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

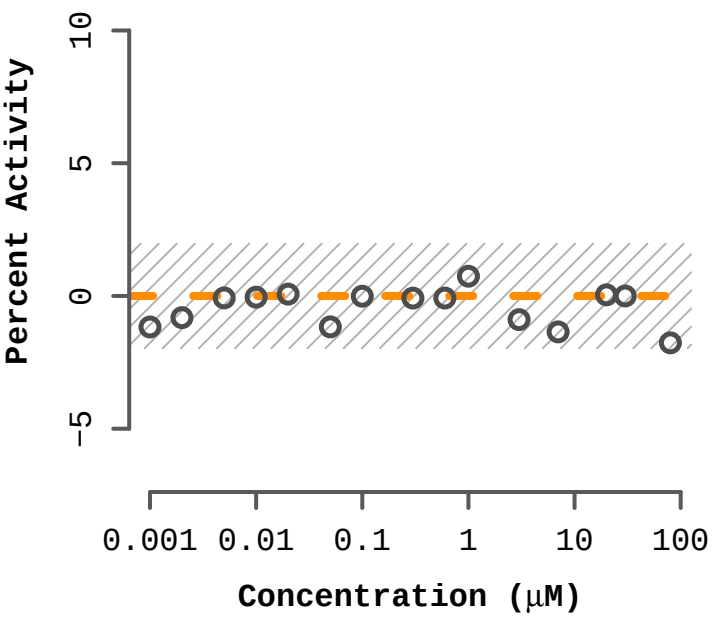
	tp	ga	gw	la	lw
val:	5.78	1.1	8	1.35	16.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	42.36	48.36	37.46
PROB:	0.08	0	0.92
RMSE:	1.35	1.35	0.53

MAX_MEAN: 4.81

MAX_MED: 4.81

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Tolualdehyde

CHID: 22051 CASRN: 529-20-4

SPID(S): Tox21_201764

M4ID: 11454048

HILL MODEL: Not applicable.

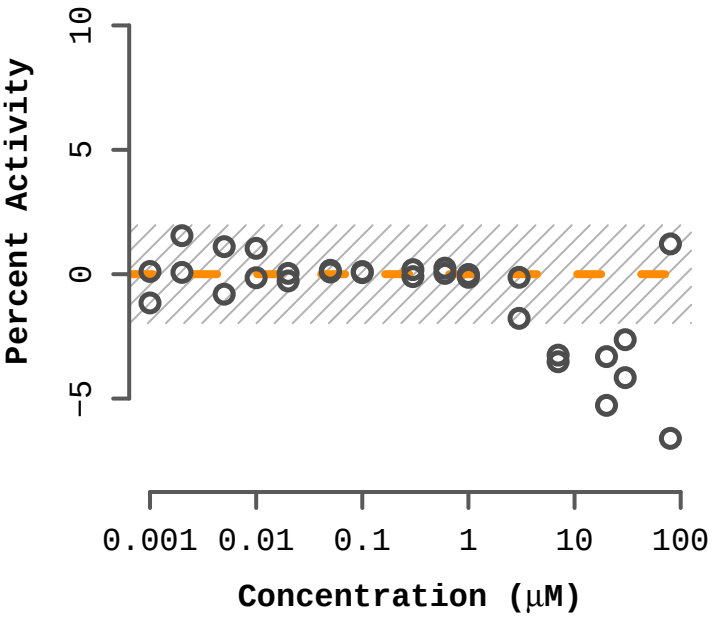
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.35	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA

MAX_MEAN: 0.745

MAX_MED: 0.745

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methyl-4,6-dinitrophenol

CHID: 22053 CASRN: 534-52-1

SPID(S): Tox21_400068

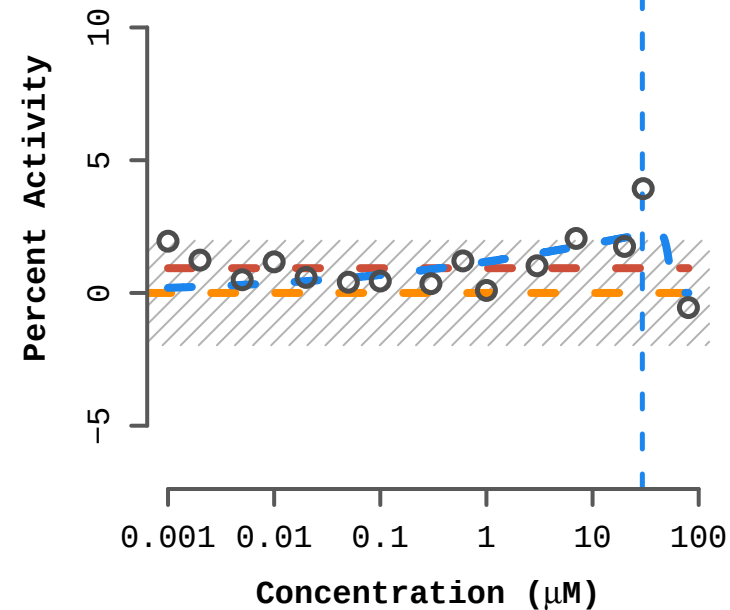
M4ID: 11453280

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	126.95	NA	NA
PROB:	1	NA	NA
RMSE:	2.17	NA	NA

MAX_MEAN: 0.812 MAX_MED: 0.812 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Dichlorobenzene

CHID: 22056 CASRN: 541-73-1

SPID(S): Tox21_202179

M4ID: 11453633

HILL MODEL (in red):

	tp	ga	gw
val:	0.933	-4.81	4.15
sd:	0.23	1480	3390

GAIN-LOSS MODEL (in blue):

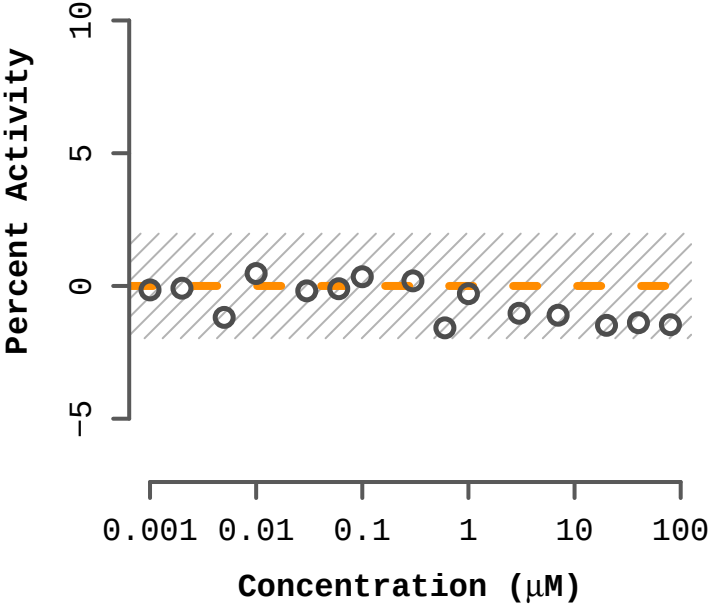
	tp	ga	gw	la	lw
val:	4.42	1.47	0.3	1.72	18
sd:	11.4	4.45	0.412	0.724	68.5

	CNST	HILL	GNLS
AIC:	56.22	49.97	48.58
PROB:	0.01	0.33	0.66
RMSE:	1.49	1.04	0.82

MAX_MEAN: 3.93

MAX_MED: 3.93

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Methyl-2-butanone

CHID: 22062 **CASRN:** 563-80-4

SPID(S): Tox21_201720

M4ID: 11454092

HILL MODEL: Not applicable.

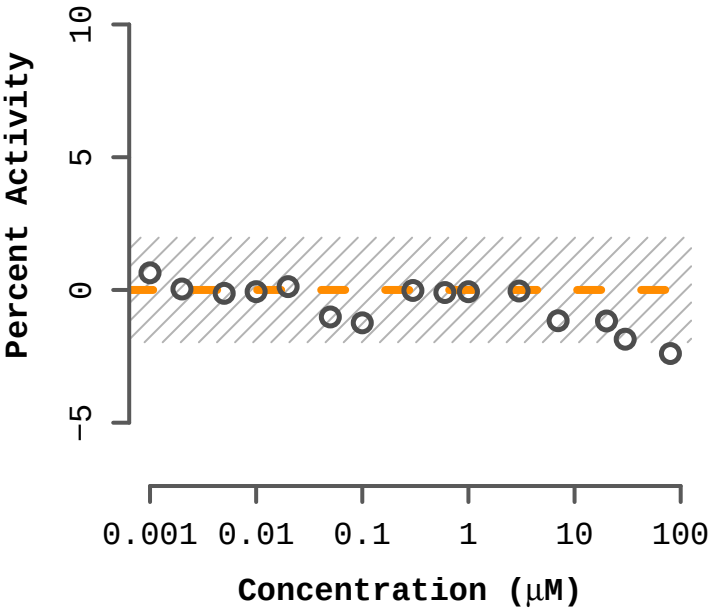
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.9	NA	NA
PROB:	1	NA	NA
RMSE:	0.93	NA	NA

MAX_MEAN: 0.469

MAX_MED: 0.469

BMAD: 0.657



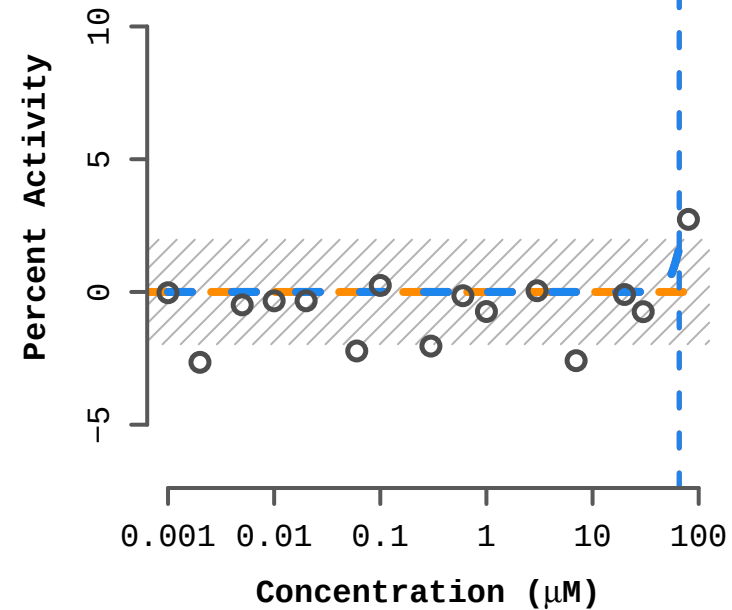
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methylimidazole
CHID: 22107 CASRN: 693-98-1
SPID(S): Tox21_201316
M4ID: 11454496

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.92	NA	NA
PROB:	1	NA	NA
RMSE:	1	NA	NA
MAX_MEAN:	0.647	MAX_MED: 0.647	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propanil

CHID: 22111 CASRN: 709-98-8

SPID(S): Tox21_201774

M4ID: 11454038

HILL MODEL (in red):

	tp	ga	gw
val:	3.28	1.82	8
sd:	7.04	0.59	16.3

GAIN-LOSS MODEL (in blue):

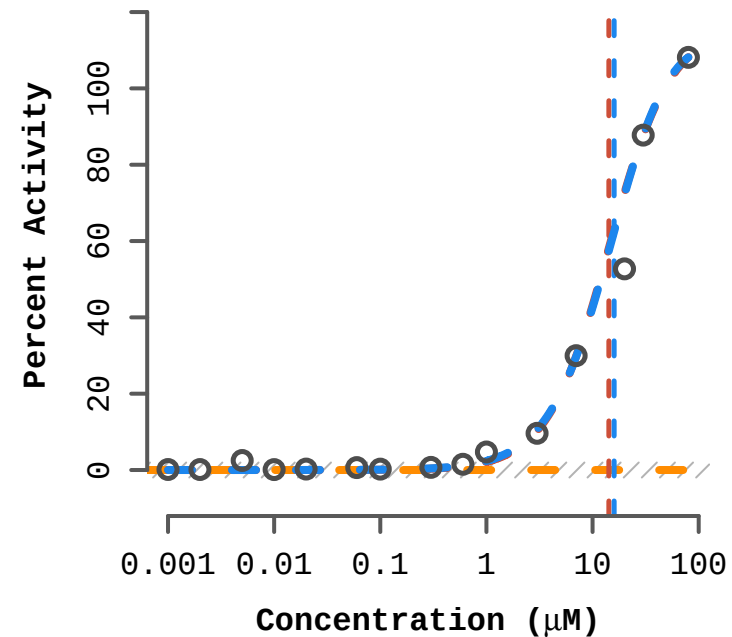
	tp	ga	gw	la	lw
val:	3.28	1.82	8	3.19	3.93
sd:	7.35	0.617	16.6	494	1510

	CNST	HILL	GNLS
AIC:	56.01	56.77	60.77
PROB:	0.56	0.38	0.05
RMSE:	1.46	1.28	1.28

MAX_MEAN: 2.74

MAX_MED: 2.74

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,4-Dichloro-1-butene

CHID: 22113 CASRN: 760-23-6

SPID(S): Tox21_201361

M4ID: 11454451

HILL MODEL (in red):

	tp	ga	gw
val:	116	1.15	1.5
sd:	0.929	0.00935	0.0266

GAIN-LOSS MODEL (in blue):

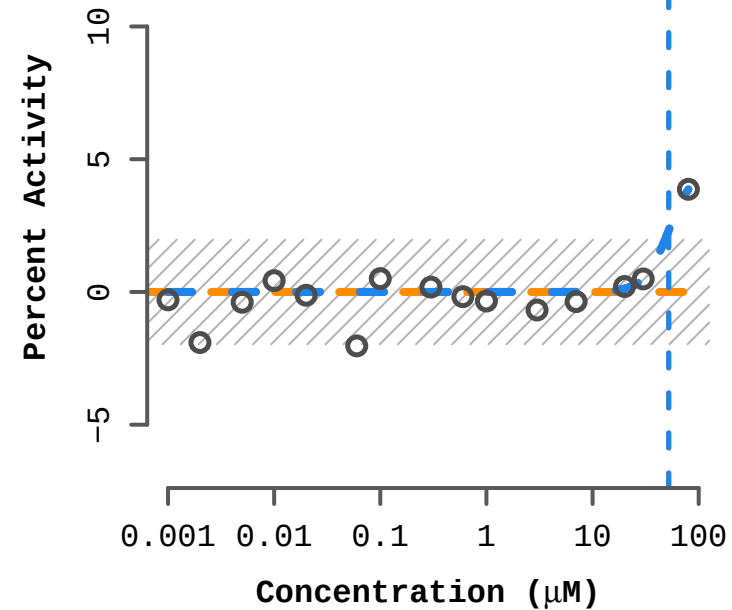
	tp	ga	gw	la	lw
val:	130	1.2	1.44	3.81	0.545
sd:	1.28	0.0112	0.0343	0.187	0.0578

	CNST	HILL	GNLS
AIC:	148.31	71.11	74.85
PROB:	0	0.87	0.13
RMSE:	39.33	5.24	5.11

MAX_MEAN: 108

MAX_MED: 108

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Hydroxyethyl acrylate

CHID: 22123 CASRN: 818-61-1

SPID(S): Tox21_201430

M4ID: 11454382

HILL MODEL (in red):

	tp	ga	gw
val:	4.64	1.72	3.75
sd:	4.96	0.483	5.18

GAIN-LOSS MODEL (in blue):

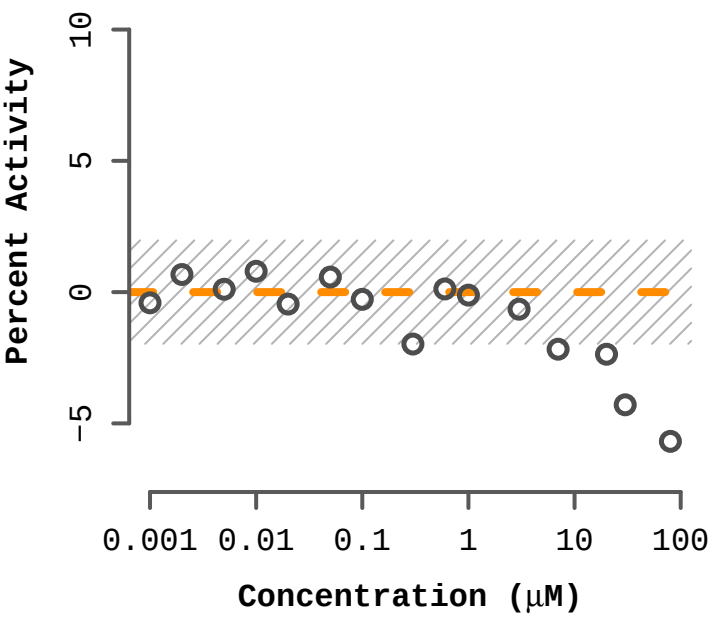
	tp	ga	gw	la	lw
val:	4.64	1.72	3.75	2.93	6.16
sd:	4.99	0.486	5.21	917	5490

	CNST	HILL	GNLS
AIC:	46.59	38.92	42.92
PROB:	0.02	0.86	0.12
RMSE:	1.28	0.78	0.78

MAX_MEAN: 3.87

MAX_MED: 3.87

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bromoxynil

CHID: 22162 **CASRN:** 1689-84-5

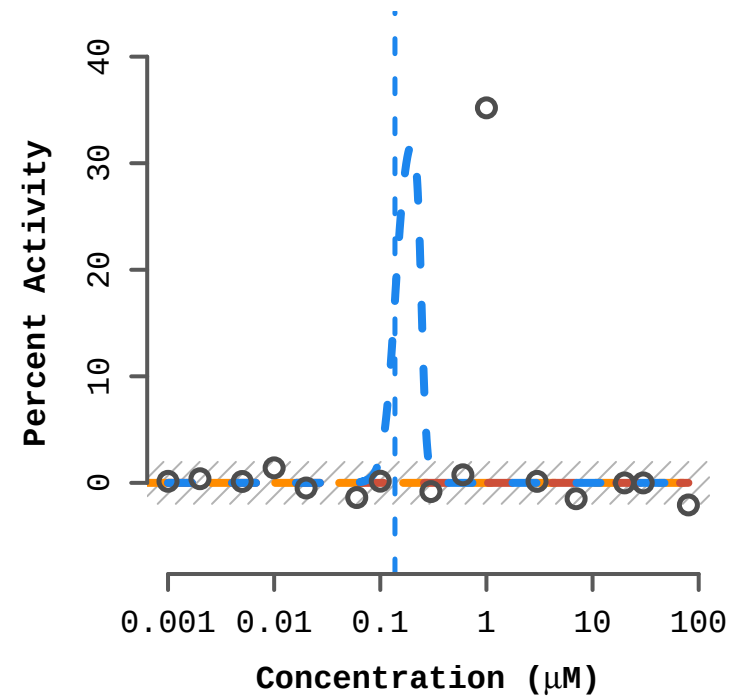
SPID(S): Tox21_201421

M4ID: 11454391

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	64.23	NA	NA	
PROB:	1	NA	NA	
RMSE:	2.12	NA	NA	
MAX_MEAN:	0.795	MAX_MED:	0.795	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Decanamine

CHID: 22171 CASRN: 2016-57-1

SPID(S): Tox21_201303

M4ID: 11454509

HILL MODEL (in red):

	tp	ga	gw
val:	21.9	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

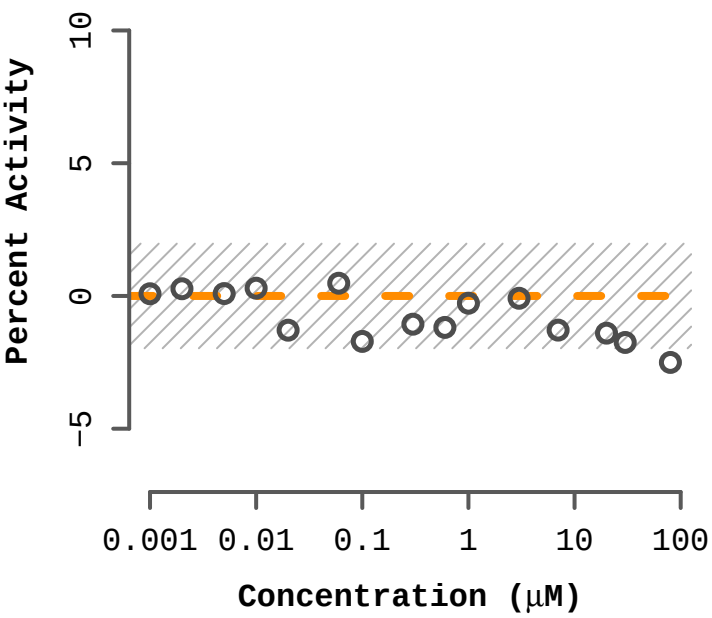
	tp	ga	gw	la	lw
val:	34.3	-0.862	8	-0.612	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	71.91	77.92	87.22
PROB:	0.95	0.05	0
RMSE:	9.13	9.13	9.16

MAX_MEAN: 35.2

MAX_MED: 35.2

BMAD: 0.657



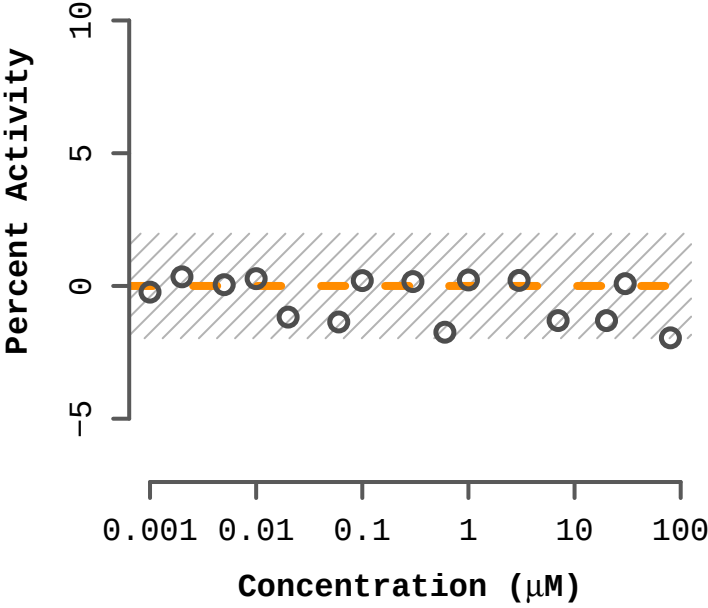
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pentachloropyridine
CHID: 22179 CASRN: 2176-62-7
SPID(S): Tox21_201578
M4ID: 11454234

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	50.52	NA	NA
PROB:	1	NA	NA
RMSE:	1.17	NA	NA
MAX_MEAN:	0.48	MAX_MED: 0.48	BMAD: 0.657



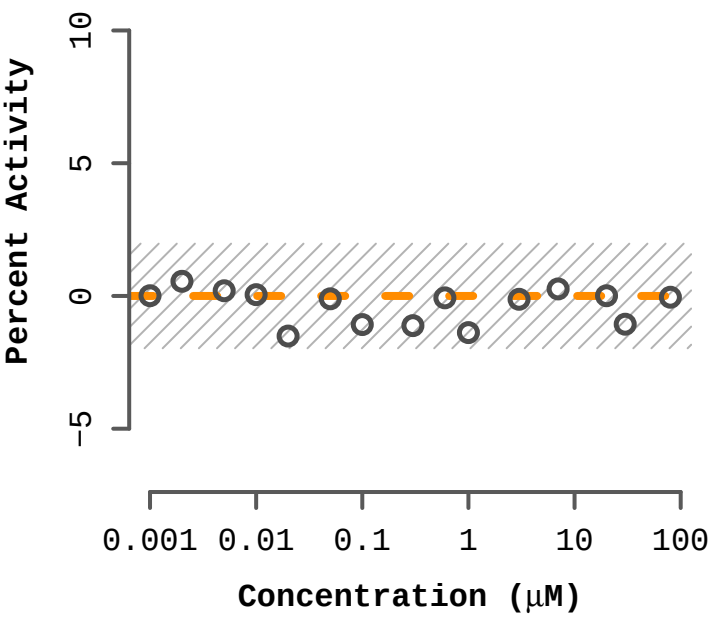
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (1R,2S,5R)-(-)-Menthol
CHID: 22180 CASRN: 2216-51-5
SPID(S): Tox21_201919
M4ID: 11453893

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	43.92	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.96	NA	NA	
MAX_MEAN:	0.345	MAX_MED:	0.345	
			BMAD:	0.657



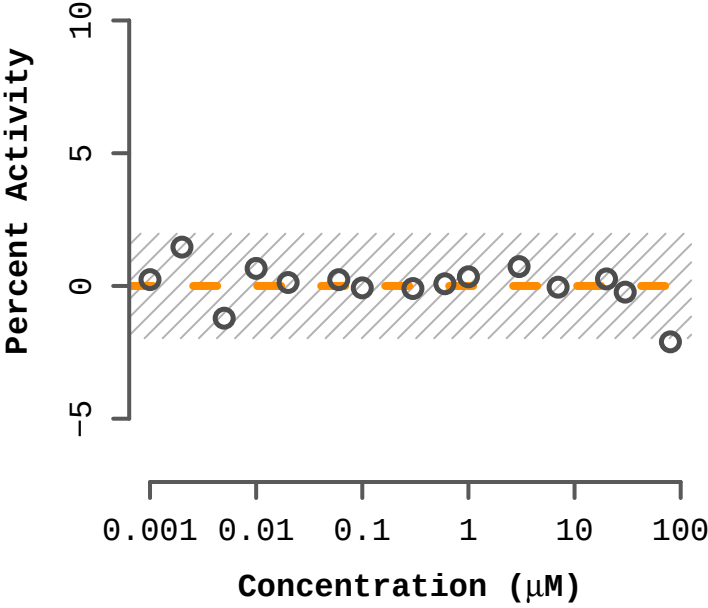
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3,6-Trimethylphenol
CHID: 22187 **CASRN:** 2416-94-6
SPID(S): Tox21_202274
M4ID: 11453538

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	35.41	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.74	NA	NA	
MAX_MEAN:	0.553	MAX_MED:	0.553	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dodecanenitrile

CHID: 22188 CASRN: 2437-25-4

SPID(S): Tox21_201304

M4ID: 11454508

HILL MODEL: Not applicable.

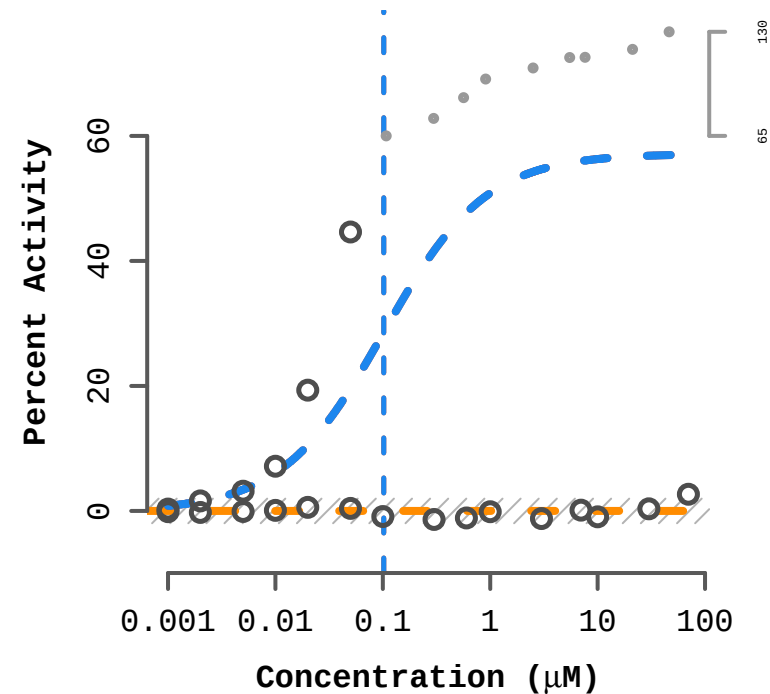
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.2	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA

MAX_MEAN: 1.46

MAX_MED: 1.46

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,5-Trimethoxybenzaldehyde

CHID: 22217 CASRN: 4460-86-0

SPID(S): Tox21_400070

M4ID: 11453278 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	57.1	-0.991	0.915
sd:	33.6	1.07	1.23

GAIN-LOSS MODEL (in blue):

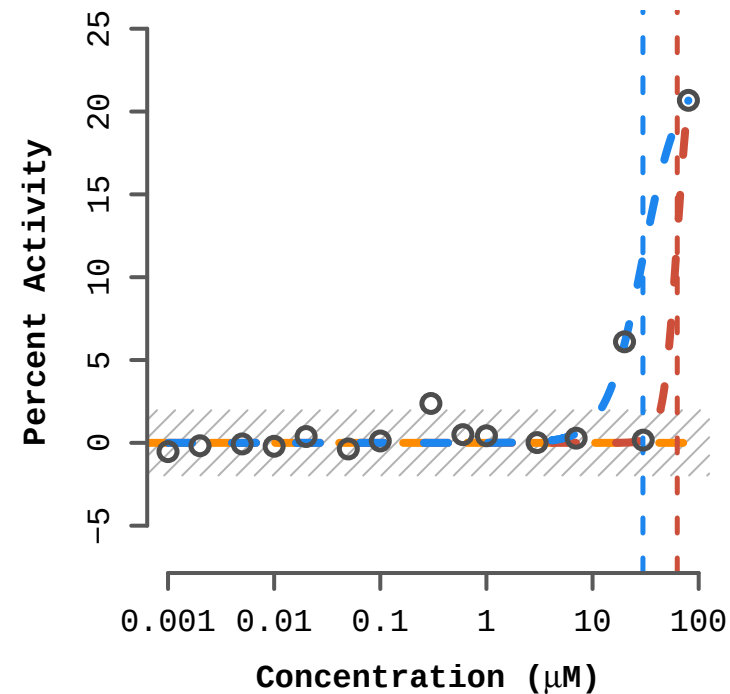
	tp	ga	gw	la	lw
val:	57.1	-0.991	0.915	3.41	7.78
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	331.91	320.22	324.22
PROB:	0	0.88	0.12
RMSE:	57.7	40.97	40.97

MAX_MEAN: 66.8

MAX_MED: 66.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Resmethrin

CHID: 22253 CASRN: 10453-86-8

SPID(S): Tox21_202138

M4ID: 11453674

HILL MODEL (in red):

	tp	ga	gw
val:	24.8	1.8	6.66
sd:	2.91	0.0159	2.51

GAIN-LOSS MODEL (in blue):

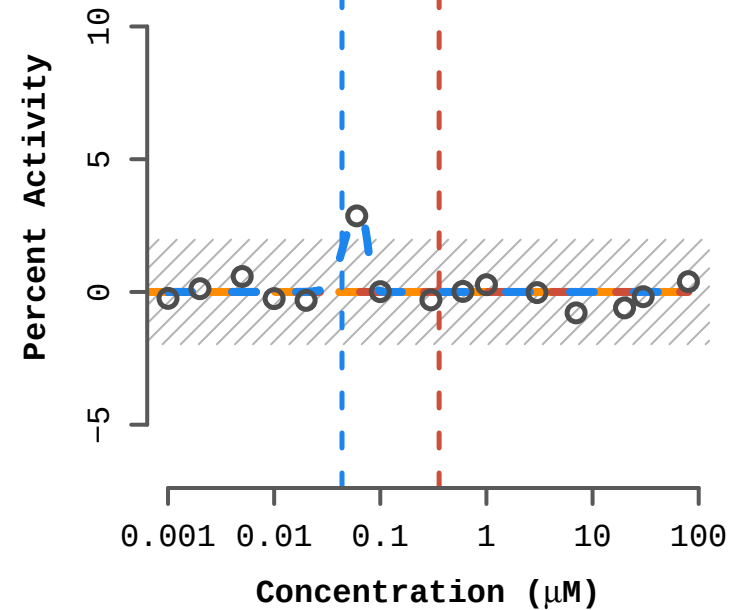
	tp	ga	gw	la	lw
val:	22.4	1.47	2.53	3.35	5.94
sd:	1.11	0.0409	0.385	3810	15700

	CNST	HILL	GNLS
AIC:	72.14	49.55	59.53
PROB:	0	0.99	0.01
RMSE:	5.61	1.71	2.94

MAX_MEAN: 20.7

MAX_MED: 20.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Terbufos

CHID: 22254 CASRN: 13071-79-9

SPID(S): Tox21_201634

M4ID: 11454178

HILL MODEL (in red):

	tp	ga	gw
val:	1.03e-12	-0.446	2.25
sd:	3.51e-06	127000	905000

GAIN-LOSS MODEL (in blue):

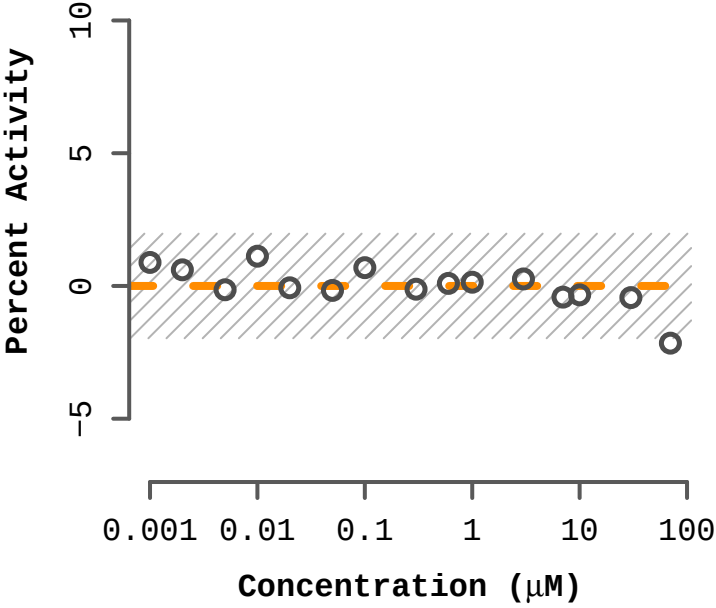
	tp	ga	gw	la	lw
val:	3.12	-1.36	8	-1.11	18
sd:	3.33	0.594	13	0.354	56.9

	CNST	HILL	GNLS
AIC:	29.05	35.05	24.33
PROB:	0.09	0	0.91
RMSE:	0.82	0.82	0.36

MAX_MEAN: 2.87

MAX_MED: 2.87

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Alachlor

CHID: 22265 CASRN: 15972-60-8

SPID(S): Tox21_202205

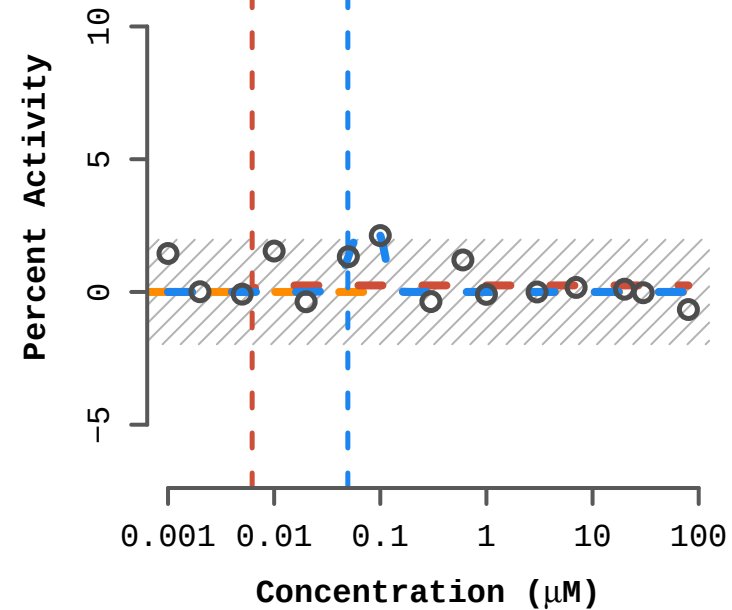
M4ID: 11453607

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.81	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN:	1.12	MAX_MED:	1.12	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Permethrin

CHID: 22292 CASRN: 52645-53-1

SPID(S): Tox21_201586

M4ID: 11454226

HILL MODEL (in red):

	tp	ga	gw
val:	0.247	-2.21	8
sd:	0.262	0.441	22.3

GAIN-LOSS MODEL (in blue):

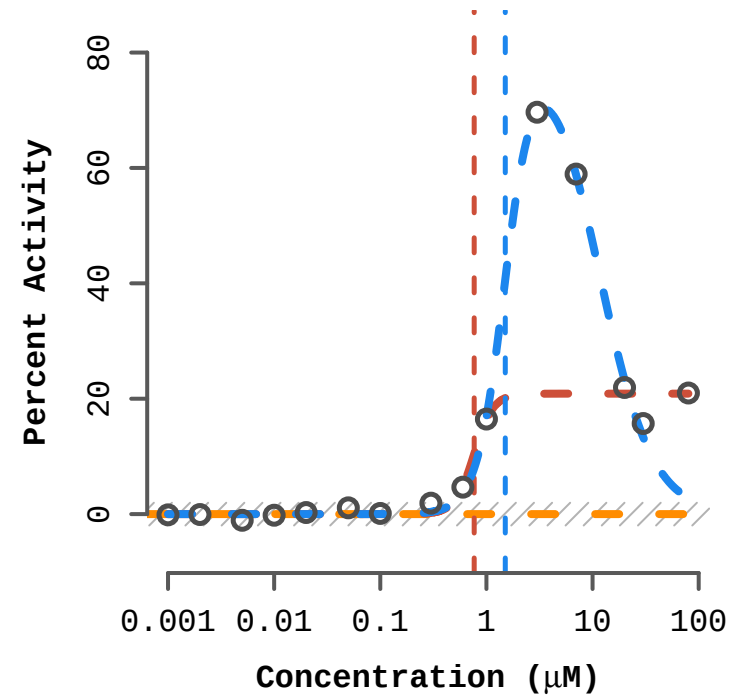
	tp	ga	gw	la	lw
val:	2.55	-1.31	8	-0.95	14.2
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	42.12	47.12	39.81
PROB:	0.24	0.02	0.75
RMSE:	0.93	0.87	0.67

MAX_MEAN: 2.13

MAX_MED: 2.13

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Genistein

CHID: 22308 CASRN: 446-72-0

SPID(S): Tox21_201428

M4ID: 11454384

HILL MODEL (in red):

	tp	ga	gw
val:	20.9	-0.115	4.86
sd:	1.36	0.0345	1.49

GAIN-LOSS MODEL (in blue):

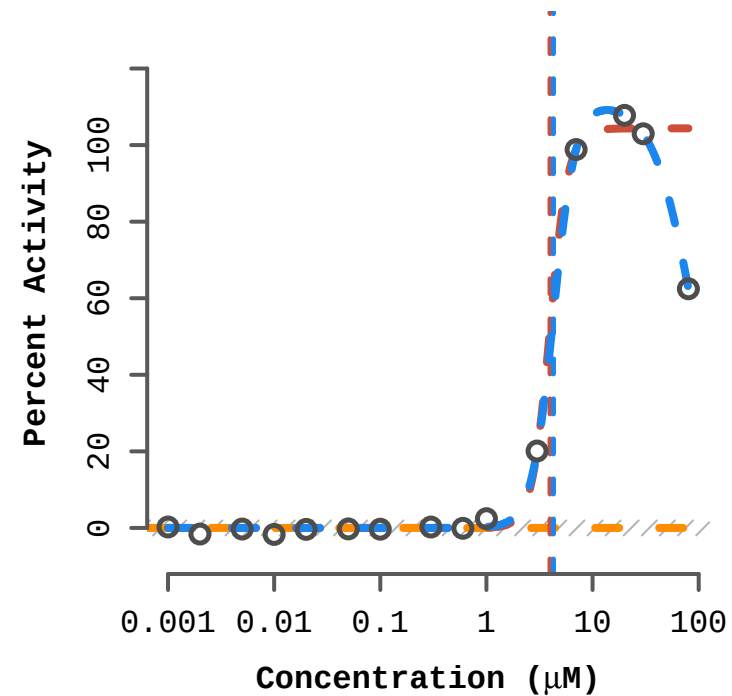
	tp	ga	gw	la	lw
val:	83.6	0.178	3.32	1.06	1.75
sd:	2.1	0.0144	0.206	0.0178	0.164

	CNST	HILL	GNLS
AIC:	136.58	112.7	76.05
PROB:	0	0	1
RMSE:	25.56	16.05	4.8

MAX_MEAN: 69.7

MAX_MED: 69.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Daidzein

CHID: 22310 CASRN: 486-66-8

SPID(S): Tox21_201444

M4ID: 11454368

HILL MODEL (in red):

	tp	ga	gw
val:	104	0.599	5.09
sd:	1.49	0.00927	0.317

GAIN-LOSS MODEL (in blue):

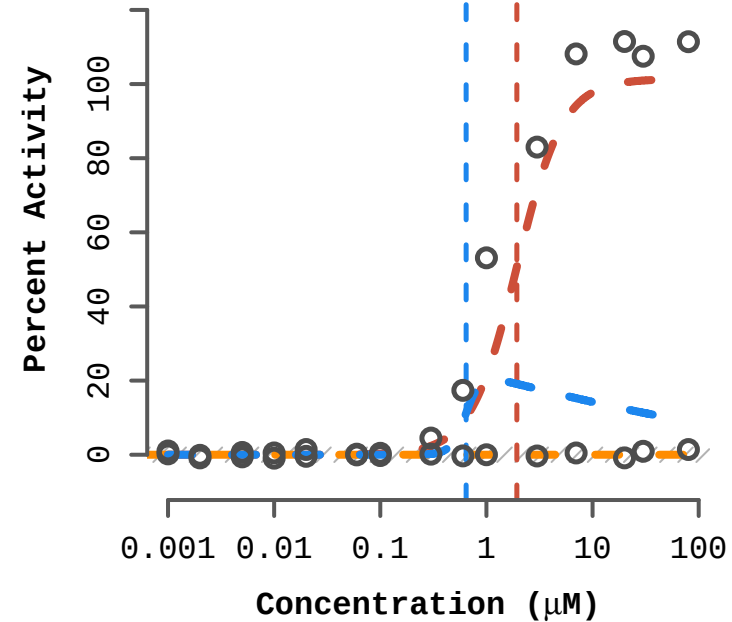
	tp	ga	gw	la	lw
val:	111	0.632	4.25	1.95	2.3
sd:	0.329	0.00265	0.0508	0.00524	0.0443

	CNST	HILL	GNLS
AIC:	159.15	86.13	44.88
PROB:	0	0	1
RMSE:	49.2	10.9	0.85

MAX_MEAN: 108

MAX_MED: 108

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Octylphenol

CHID: 22312 CASRN: 1806-26-4

SPID(S): Tox21_400015

M4ID: 11453333

HILL MODEL (in red):

	tp	ga	gw
val:	101	0.287	2
sd:	12.7	0.161	0.885

GAIN-LOSS MODEL (in blue):

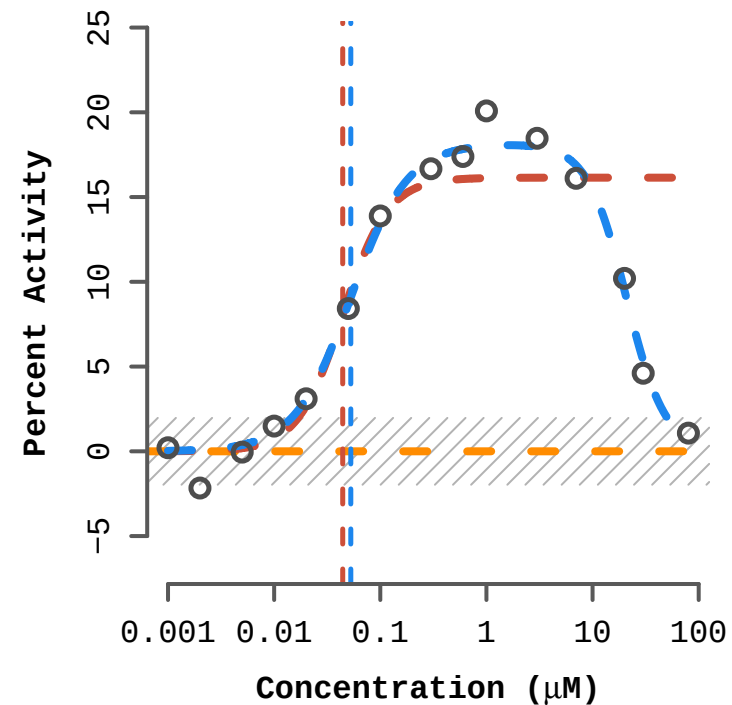
	tp	ga	gw	la	lw
val:	41.5	-0.191	6.26	0.0589	0.3
sd:	290	0.26	33.2	18.1	0.99

	CNST	HILL	GNLS
AIC:	296.15	298.04	302.1
PROB:	0.7	0.27	0.04
RMSE:	44.02	39.34	38.73

MAX_MEAN: 56.4

MAX_MED: 56.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2-Bis(4-hydroxyphenyl)-1,1,1-trichloroethane

CHID: 22325 CASRN: 2971-36-0

SPID(S): Tox21_201736

M4ID: 11454076

HILL MODEL (in red):

	tp	ga	gw
val:	16.1	-1.35	2.04
sd:	1.57	0.121	0.834

GAIN-LOSS MODEL (in blue):

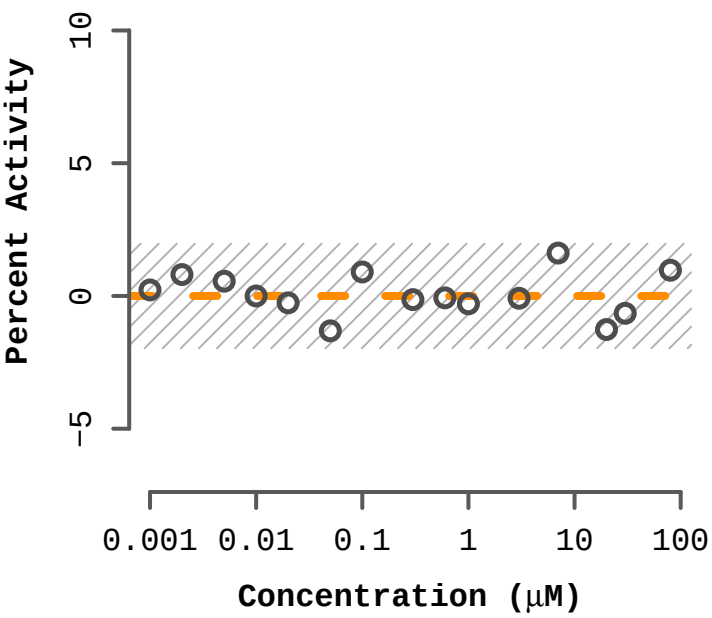
	tp	ga	gw	la	lw
val:	18.2	-1.28	1.64	1.32	2.37
sd:	0.613	0.0361	0.185	0.0395	0.659

	CNST	HILL	GNLS
AIC:	119.44	95.05	50.05
PROB:	0	0	1
RMSE:	11.52	5.32	0.91

MAX_MEAN: 20.1

MAX_MED: 20.1

BMAD: 0.657



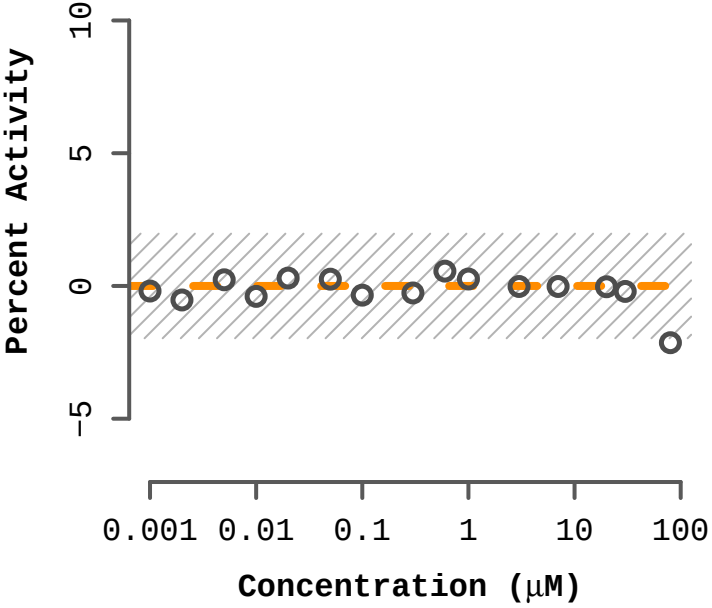
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(Butan-2-yl)phenol
CHID: 22331 CASRN: 89-72-5
SPID(S): Tox21_201372
M4ID: 11454440

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.48	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA
MAX_MEAN:	1.62	MAX_MED:	1.62
			BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Prometon

CHID: 22341 CASRN: 1610-18-0

SPID(S): Tox21_202098

M4ID: 11453714

HILL MODEL: Not applicable.

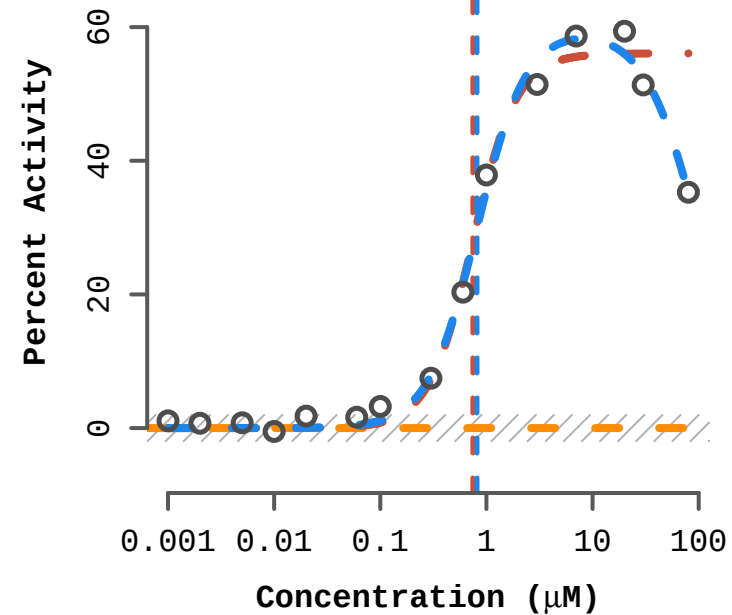
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	22.81	NA	NA
PROB:	1	NA	NA
RMSE:	0.62	NA	NA

MAX_MEAN: 0.56

MAX_MED: 0.56

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: o,p'-DDT

CHID: 22345 CASRN: 789-02-6

SPID(S): Tox21_202239

M4ID: 11453573

HILL MODEL (in red):

	tp	ga	gw
val:	56.1	-0.128	2.1
sd:	2.76	0.0365	0.361

GAIN-LOSS MODEL (in blue):

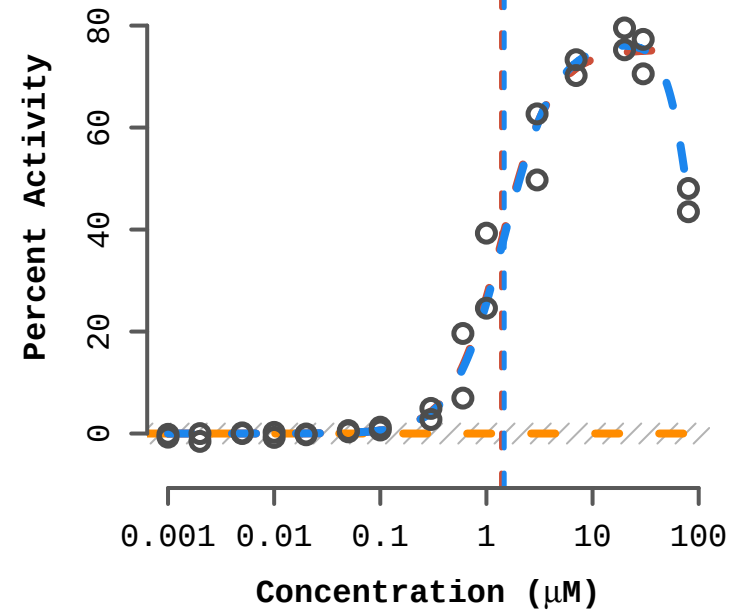
	tp	ga	gw	la	lw
val:	59.9	-0.0888	1.89	1.99	1.7
sd:	2.27	0.0541	0.434	0.0312	0.41

	CNST	HILL	GNLS
AIC:	149.13	89.9	71.92
PROB:	0	0	1
RMSE:	32.06	5.75	1.73

MAX_MEAN: 59.4

MAX_MED: 59.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-(1,1,3,3-Tetramethylbutyl)phenol

CHID: 22360 CASRN: 140-66-9

SPID(S): Tox21_400011

M4ID: 11453337

HILL MODEL (in red):

	tp	ga	gw
val:	75.3	0.142	1.84
sd:	1.91	0.0444	0.23

GAIN-LOSS MODEL (in blue):

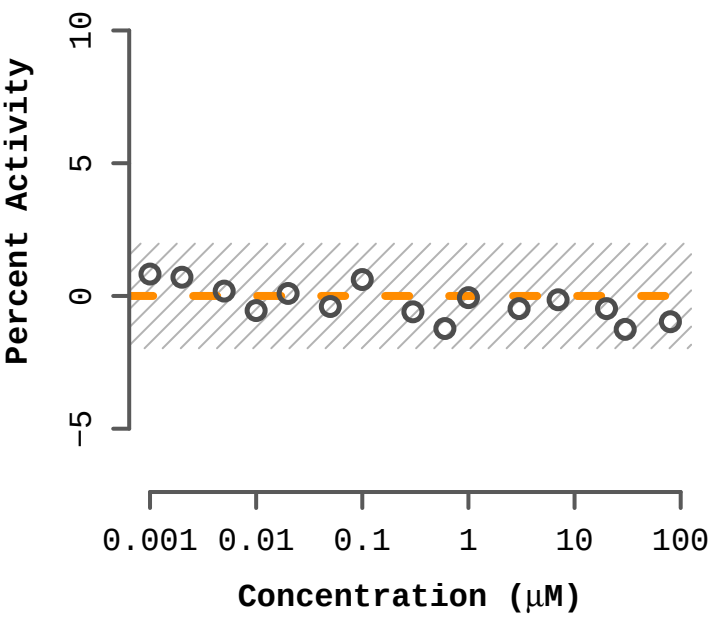
	tp	ga	gw	la	lw
val:	77.1	0.167	1.81	1.95	3.68
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	306.9	196.31	165.03
PROB:	0	0	1
RMSE:	39.36	8.52	3.88

MAX_MEAN: 77.4

MAX_MED: 77.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Vinclozolin

CHID: 22361 **CASRN:** 50471-44-8

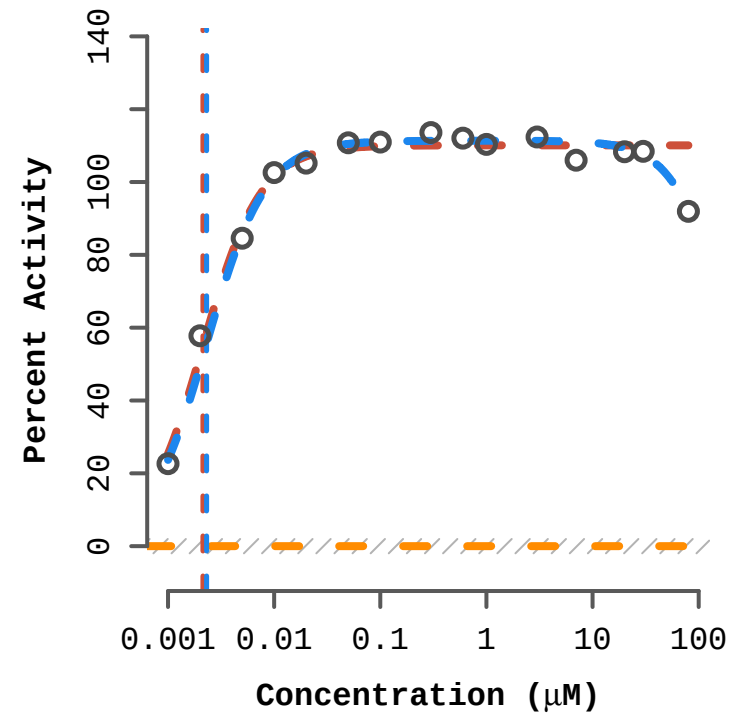
SPID(S): Tox21_202160

M4ID: 11453652

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	34.76	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.68	NA	NA	
MAX_MEAN:	0.826	MAX_MED:	0.826	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Estrone

CHID: 22367 CASRN: 53-16-7

SPID(S): Tox21_201375

M4ID: 11454437

HILL MODEL (in red):

	tp	ga	gw
val:	110	-2.67	1.59
sd:	1.07	0.0365	0.14

GAIN-LOSS MODEL (in blue):

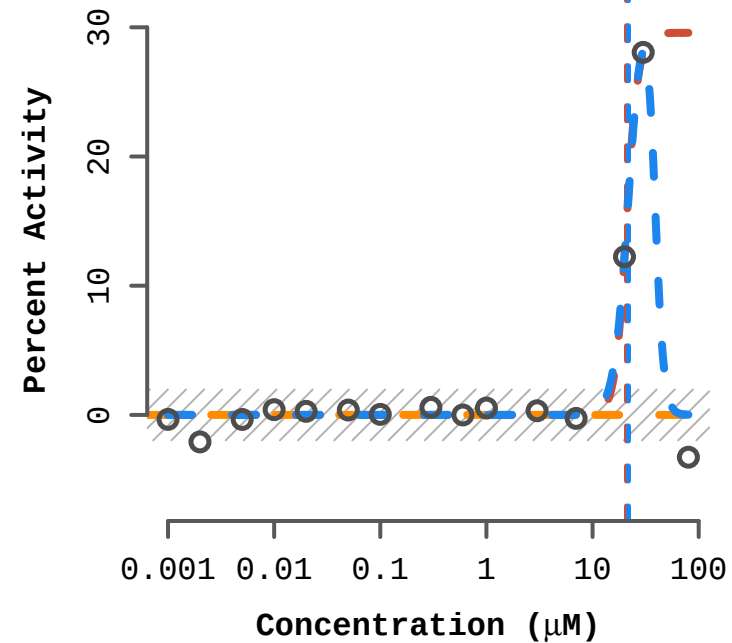
	tp	ga	gw	la	lw
val:	111	-2.64	1.56	2.29	1.77
sd:	0.704	0.0204	0.0743	0.0467	0.212

	CNST	HILL	GNLS
AIC:	209.08	93.54	80.85
PROB:	0	0	1
RMSE:	100.21	5.34	2.78

MAX_MEAN: 114

MAX_MED: 114

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Progesterone

CHID: 22370 CASRN: 57-83-0

SPID(S): Tox21_201792

M4ID: 11454020

HILL MODEL (in red):

	tp	ga	gw
val:	29.6	1.32	8
sd:	0.588	0.00538	0.891

GAIN-LOSS MODEL (in blue):

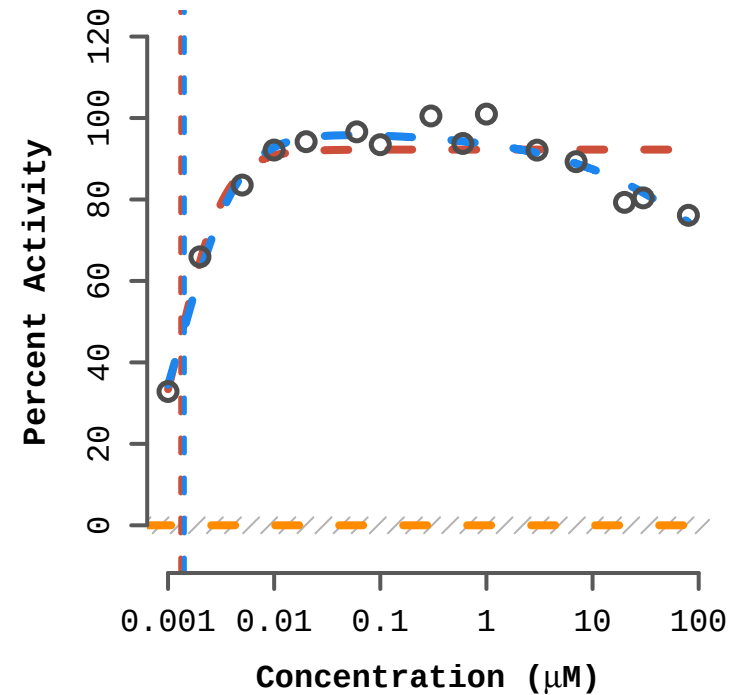
	tp	ga	gw	la	lw
val:	33.6	1.34	6.45	1.59	10.8
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	87.04	66.51	47.96
PROB:	0	0	1
RMSE:	7.97	8.5	1.05

MAX_MEAN: 28.1

MAX_MED: 28.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 17alpha-Estradiol

CHID: 22377 CASRN: 57-91-0

SPID(S): Tox21_201262

M4ID: 11454550

HILL MODEL (in red):

	tp	ga	gw
val:	92.2	-2.88	2.04
sd:	2.05	0.0376	0.441

GAIN-LOSS MODEL (in blue):

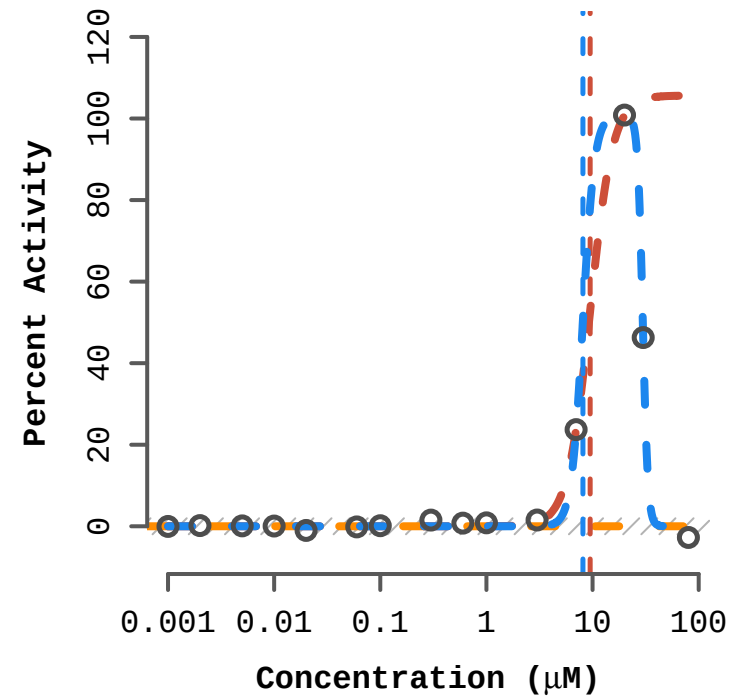
	tp	ga	gw	la	lw
val:	96.8	-2.85	1.66	2.95	0.499
sd:	2.08	0.0352	0.275	0.296	0.126

	CNST	HILL	GNLS
AIC:	181.77	109.15	88.59
PROB:	0	0	1
RMSE:	86.39	7.13	3.14

MAX_MEAN: 101

MAX_MED: 101

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Apigenin

CHID: 22391 CASRN: 520-36-5

SPID(S): Tox21_201542

M4ID: 11454270

HILL MODEL (in red):

	tp	ga	gw
val:	106	0.977	4.06
sd:	1.12	0.00689	0.153

GAIN-LOSS MODEL (in blue):

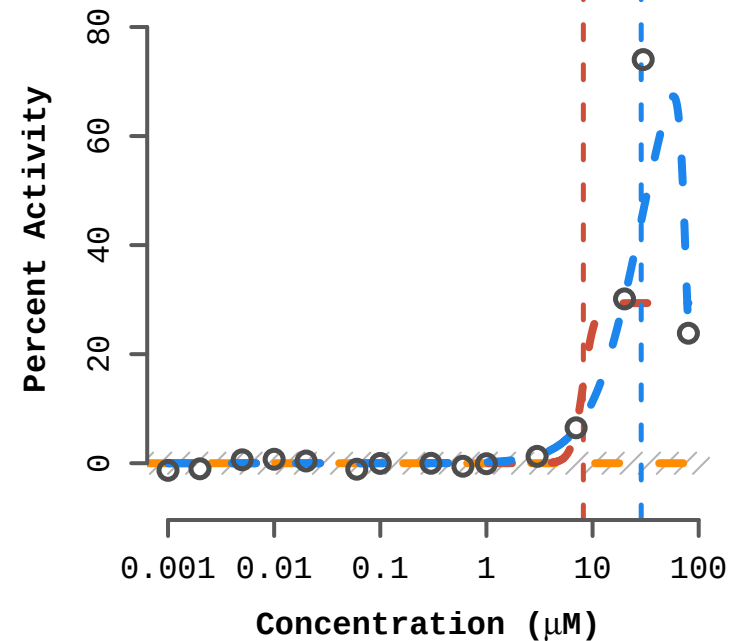
	tp	ga	gw	la	lw
val:	101	0.909	8	1.47	18
sd:	0.602	0.00305	0.223	0.00313	2.6

	CNST	HILL	GNLS
AIC:	128.56	116.58	51.57
PROB:	0	0	1
RMSE:	29.32	31.78	0.99

MAX_MEAN: 101

MAX_MED: 101

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Biochanin A

CHID: 22394 CASRN: 491-80-5

SPID(S): Tox21_202097

M4ID: 11453715

HILL MODEL (in red):

	tp	ga	gw
val:	29.4	0.913	8
sd:	1.46	0.0296	3.4

GAIN-LOSS MODEL (in blue):

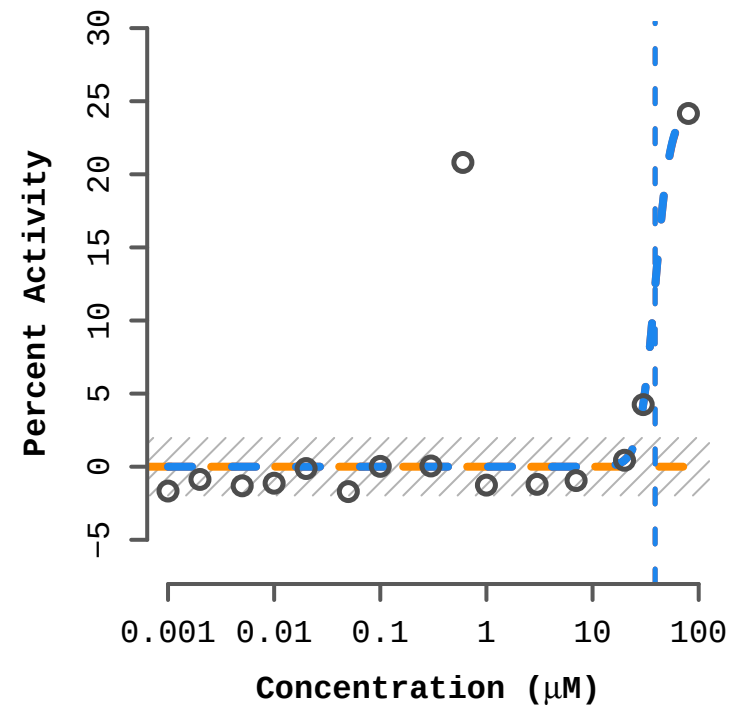
	tp	ga	gw	la	lw
val:	88.8	1.46	1.82	1.88	13
sd:	3.77	0.0128	0.0881	0.00452	1.27

	CNST	HILL	GNLS
AIC:	122.93	87.31	72.13
PROB:	0	0	1
RMSE:	21.61	11.64	7.22

MAX_MEAN: 74

MAX_MED: 74

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Hydroxy-4-methoxybenzophenone

CHID: 22405 CASRN: 131-57-7

SPID(S): Tox21_201985

M4ID: 11453827

HILL MODEL (in red):

	tp	ga	gw
val:	24.5	1.59	6.04
sd:	1.26	0.0536	2.61

GAIN-LOSS MODEL (in blue):

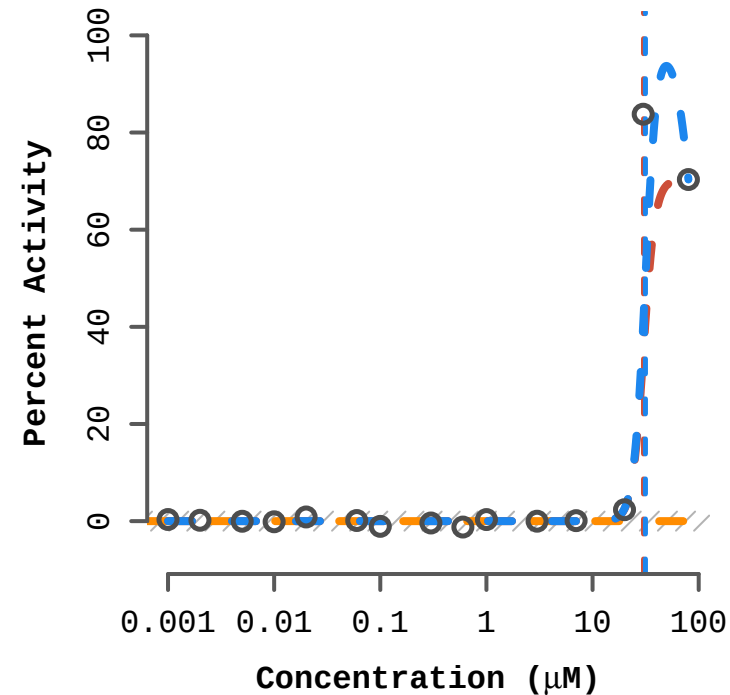
	tp	ga	gw	la	lw
val:	24.6	1.59	6.03	3.06	1.86
sd:	40.3	0.0772	4.11	149	245

	CNST	HILL	GNLS
AIC:	94.65	74.41	78.41
PROB:	0	0.88	0.12
RMSE:	8.36	5.46	5.46

MAX_MEAN: 24.2

MAX_MED: 24.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Dihydroxybenzophenone

CHID: 22406 CASRN: 131-56-6

SPID(S): Tox21_201285

M4ID: 11454527

HILL MODEL (in red):

	tp	ga	gw
val:	70.4	1.48	8
sd:	0.479	0.016	0.666

GAIN-LOSS MODEL (in blue):

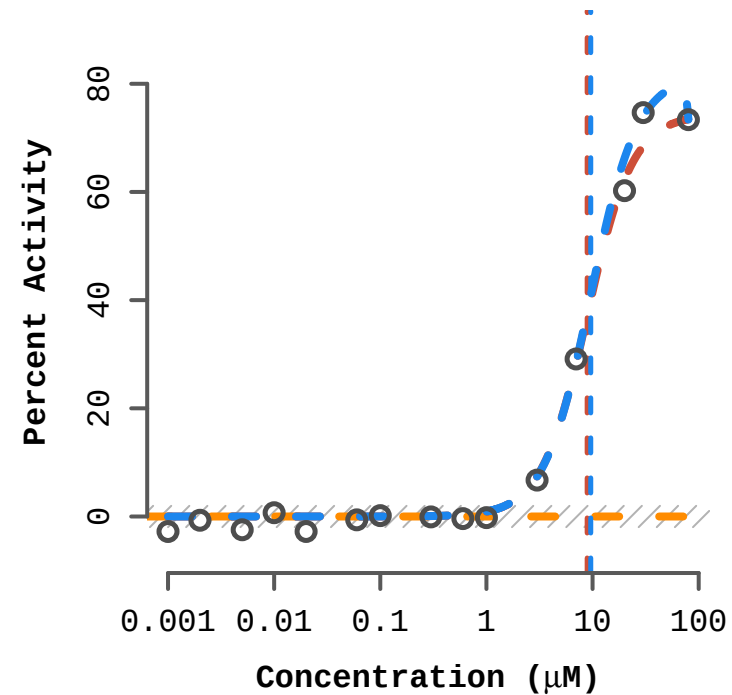
	tp	ga	gw	la	lw
val:	101	1.5	8	1.98	4.71
sd:	0.905	0.0168	0.626	0.0053	0.155

	CNST	HILL	GNLS
AIC:	112.6	68.99	71.8
PROB:	0	0.8	0.2
RMSE:	28.25	12.81	11.2

MAX_MEAN: 83.8

MAX_MED: 83.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Sulfonyldiphenol

CHID: 22409 CASRN: 80-09-1

SPID(S): Tox21_201743

M4ID: 11454069

HILL MODEL (in red):

	tp	ga	gw
val:	74.3	0.949	2.02
sd:	1.49	0.0236	0.186

GAIN-LOSS MODEL (in blue):

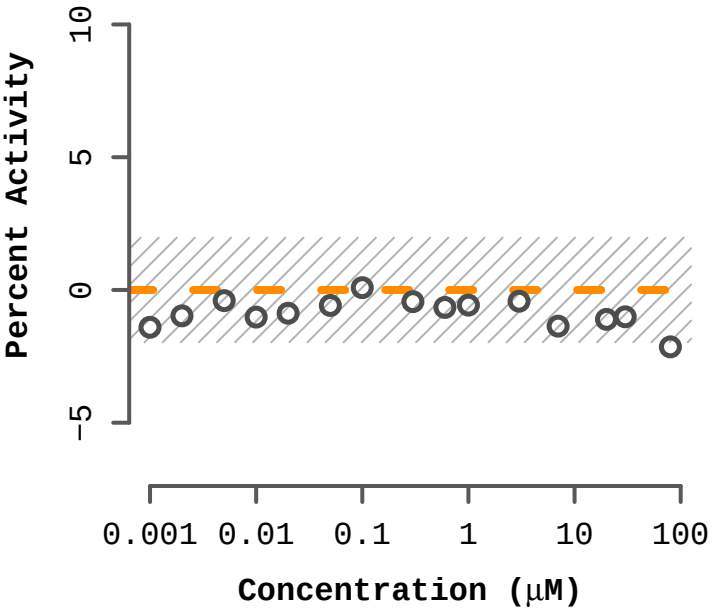
	tp	ga	gw	la	lw
val:	81.7	0.983	1.98	1.96	17.9
sd:	3.48	0.0421	0.251	0.0071	3.15

	CNST	HILL	GNLS
AIC:	144	70.66	72.46
PROB:	0	0.71	0.29
RMSE:	32.15	2.13	2.02

MAX_MEAN: 74.7

MAX_MED: 74.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Methylenebis(2,6-di-t-butylphenol)

CHID: 22411 CASRN: 118-82-1

SPID(S): Tox21_201863

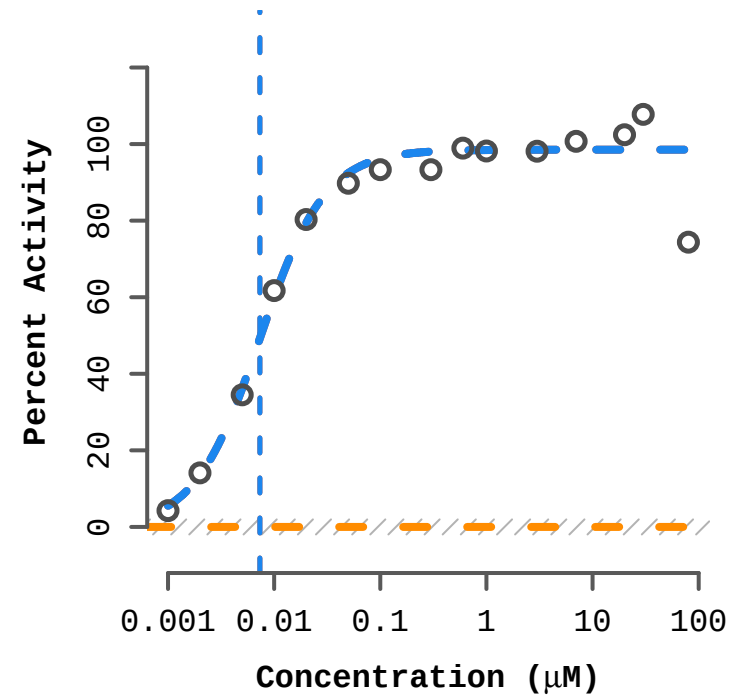
M4ID: 11453949

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.44	NA	NA
PROB:	1	NA	NA
RMSE:	1	NA	NA

MAX_MEAN: 0.0884 MAX_MED: 0.0884 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isoeugenol

CHID: 22413 CASRN: 97-54-1

SPID(S): Tox21_202433

M4ID: 11453379

HILL MODEL (in red):

	tp	ga	gw
val:	98.5	-2.13	1.42
sd:	1.33	0.0265	0.114

GAIN-LOSS MODEL (in blue):

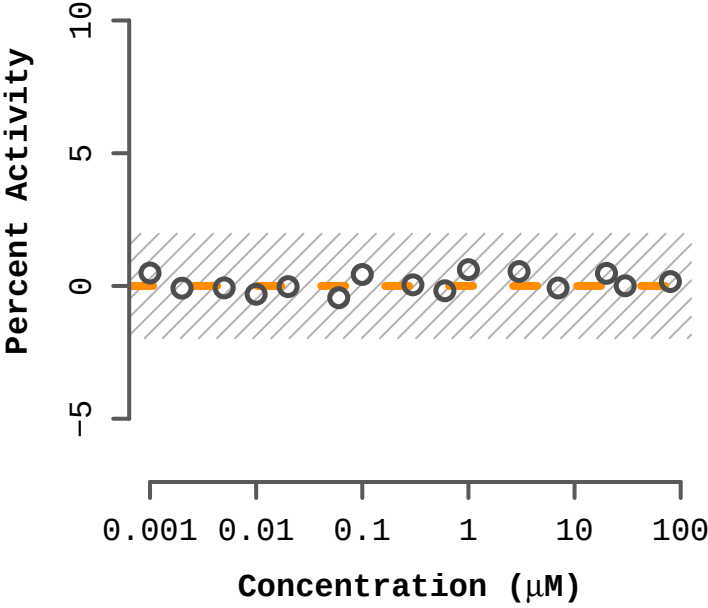
	tp	ga	gw	la	lw
val:	98.5	-2.13	1.42	3.7	17.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	180.32	98.69	102.69
PROB:	0	0.88	0.12
RMSE:	83.27	7	7

MAX_MEAN: 108

MAX_MED: 108

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Melatonin

CHID: 22421 **CASRN:** 73-31-4

SPID(S): Tox21_201527

M4ID: 11454285

HILL MODEL: Not applicable.

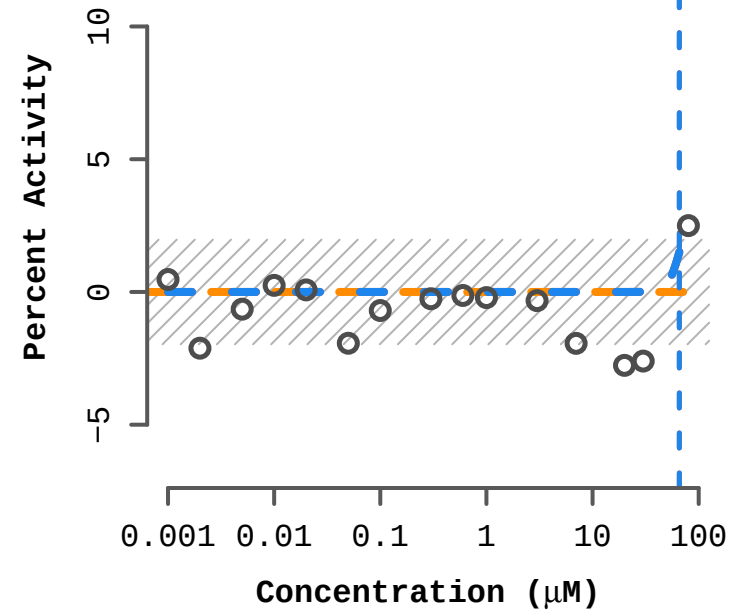
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	13.41	NA	NA
PROB:	1	NA	NA
RMSE:	0.34	NA	NA

MAX_MEAN: 0.616

MAX_MED: 0.616

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Methylenedianiline

CHID: 22422 CASRN: 101-77-9

SPID(S): Tox21_201723

M4ID: 11454089

HILL MODEL (in red):

	tp	ga	gw
val:	3	1.82	8
sd:	6.29	0.567	15.6

GAIN-LOSS MODEL (in blue):

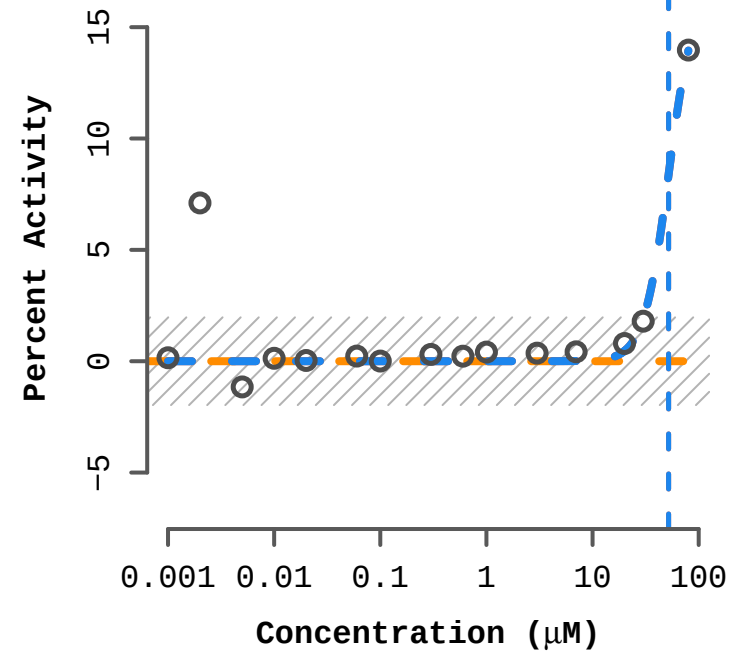
	tp	ga	gw	la	lw
val:	3	1.82	8	3.89	2.17
sd:	6.35	0.573	15.6	336	368

	CNST	HILL	GNLS
AIC:	57.74	59.78	63.78
PROB:	0.71	0.26	0.03
RMSE:	1.51	1.36	1.36

MAX_MEAN: 2.5

MAX_MED: 2.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diphenolic acid

CHID: 22436 CASRN: 126-00-1

SPID(S): Tox21_202255

M4ID: 11453557

HILL MODEL (in red):

	tp	ga	gw
val:	16.8	1.72	3.72
sd:	1.96	0.0531	0.649

GAIN-LOSS MODEL (in blue):

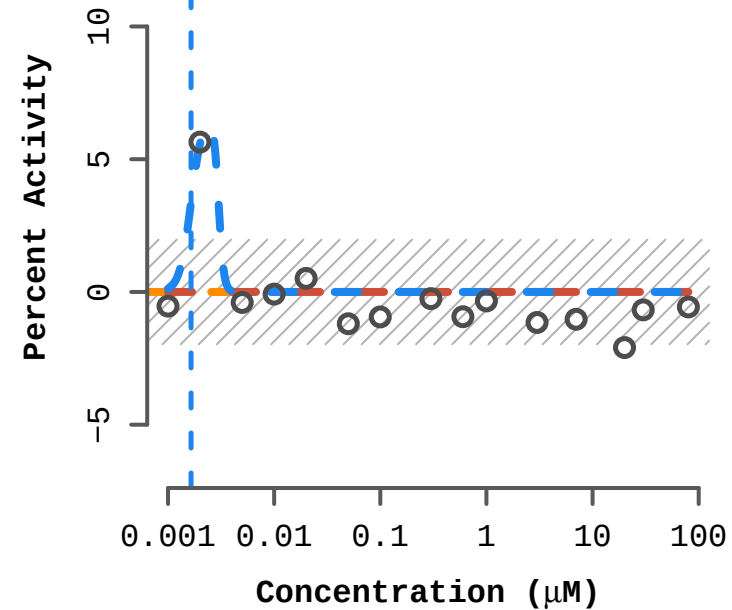
	tp	ga	gw	la	lw
val:	16.8	1.72	3.72	3.9	4.1
sd:	1.96	0.0532	0.65	2360	4840

	CNST	HILL	GNLS
AIC:	70.03	43.37	47.37
PROB:	0	0.88	0.12
RMSE:	4.1	1.87	1.87

MAX_MEAN: 14

MAX_MED: 14

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenolphthalin

CHID: 22439 CASRN: 81-90-3

SPID(S): Tox21_201700

M4ID: 11454112

HILL MODEL (in red):

	tp	ga	gw
val:	4.43e-08	2.29	3.41
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

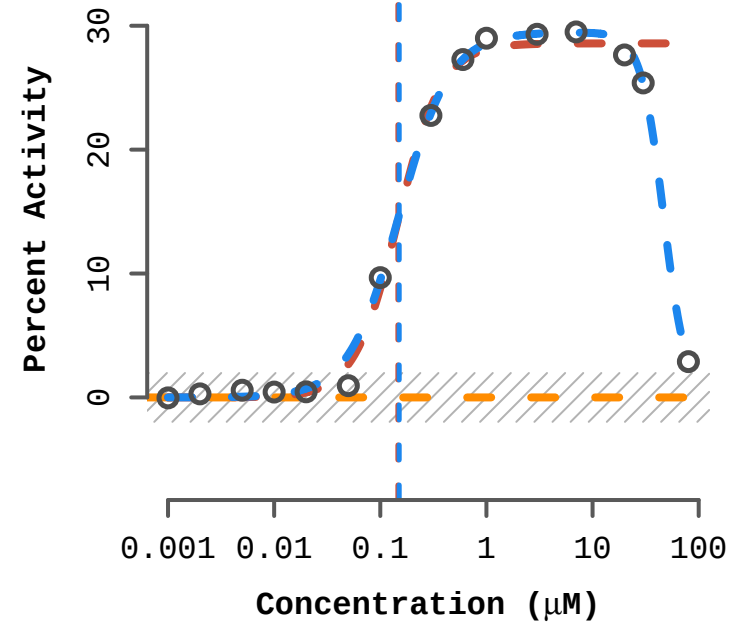
	tp	ga	gw	la	lw
val:	6.77	-2.78	8	-2.52	18
sd:	2.5	0.0839	4.84	0.633	64.8

	CNST	HILL	GNLS
AIC:	54.17	60.17	51.92
PROB:	0.24	0.01	0.75
RMSE:	1.7	1.7	0.88

MAX_MEAN: 5.65

MAX_MED: 5.65

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bisphenol B

CHID: 22442 CASRN: 77-40-7

SPID(S): Tox21_202222

M4ID: 11453590

HILL MODEL (in red):

	tp	ga	gw
val:	28.6	-0.834	2.11
sd:	0.673	0.0366	0.264

GAIN-LOSS MODEL (in blue):

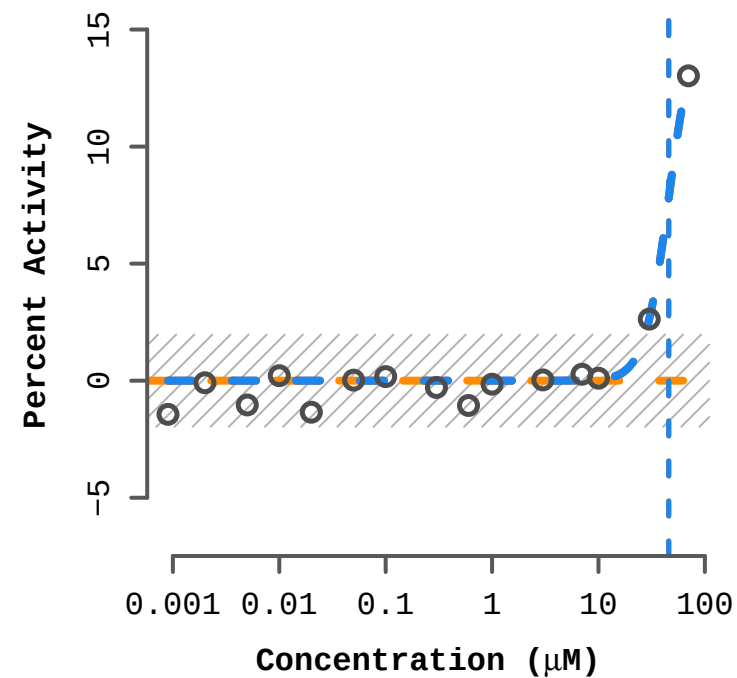
	tp	ga	gw	la	lw
val:	29.5	-0.822	1.82	1.67	4.08
sd:	0.187	0.0103	0.0667	0.00778	0.144

	CNST	HILL	GNLS
AIC:	134.21	77.63	34.65
PROB:	0	0	1
RMSE:	18.88	6.72	0.73

MAX_MEAN: 29.5

MAX_MED: 29.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Metolachlor

CHID: 22448 CASRN: 51218-45-2

SPID(S): Tox21_201376

M4ID: 11454436

HILL MODEL (in red):

	tp	ga	gw
val:	15.6	1.66	3.78
sd:	2.19	0.0584	0.826

GAIN-LOSS MODEL (in blue):

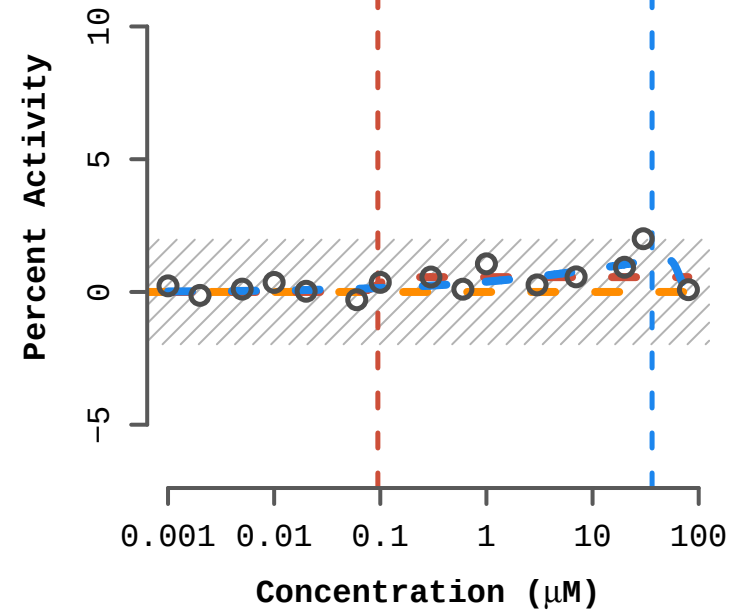
	tp	ga	gw	la	lw
val:	15.6	1.66	3.78	3.19	5.06
sd:	2.19	0.0582	0.823	984	3700

	CNST	HILL	GNLS
AIC:	61.89	35.76	39.76
PROB:	0	0.88	0.12
RMSE:	3.49	0.65	0.65

MAX_MEAN: 13

MAX_MED: 13

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl phthalate

CHID: 22455 CASRN: 131-11-3

SPID(S): Tox21_202145

M4ID: 11453667

HILL MODEL (in red):

	tp	ga	gw
val:	0.558	-1.02	8
sd:	0.155	0.109	10.5

GAIN-LOSS MODEL (in blue):

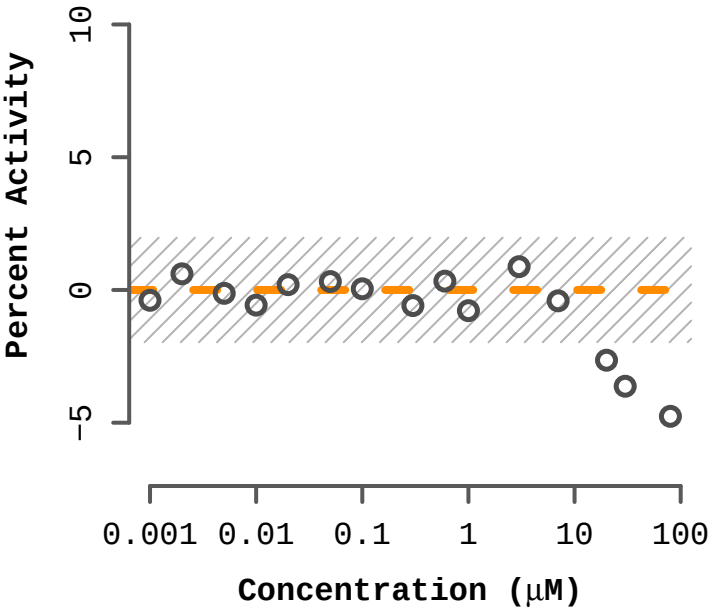
	tp	ga	gw	la	lw
val:	2.41	1.56	0.46	1.81	12.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	30.76	24.68	23.27
PROB:	0.02	0.33	0.66
RMSE:	0.69	0.47	0.35

MAX_MEAN: 2.01

MAX_MED: 2.01

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Corticosterone

CHID: 22474 **CASRN:** 50-22-6

SPID(S): Tox21_201366

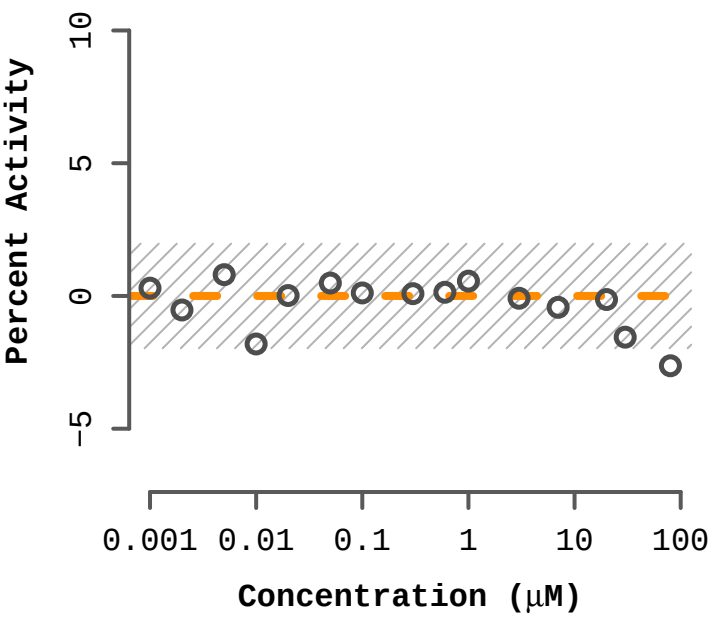
M4ID: 11454446

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	56.78	NA	NA
PROB:	1	NA	NA
RMSE:	1.75	NA	NA

MAX_MEAN:	0.879	MAX_MED:	0.879	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylphenol

CHID: 22479 CASRN: 90-00-6

SPID(S): Tox21_202327

M4ID: 11453485

HILL MODEL: Not applicable.

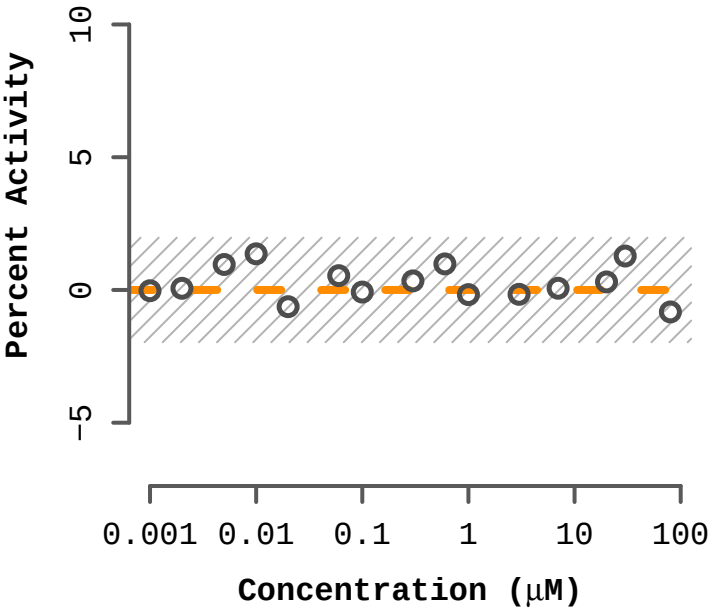
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.28	NA	NA
PROB:	1	NA	NA
RMSE:	0.98	NA	NA

MAX_MEAN: 0.804

MAX_MED: 0.804

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

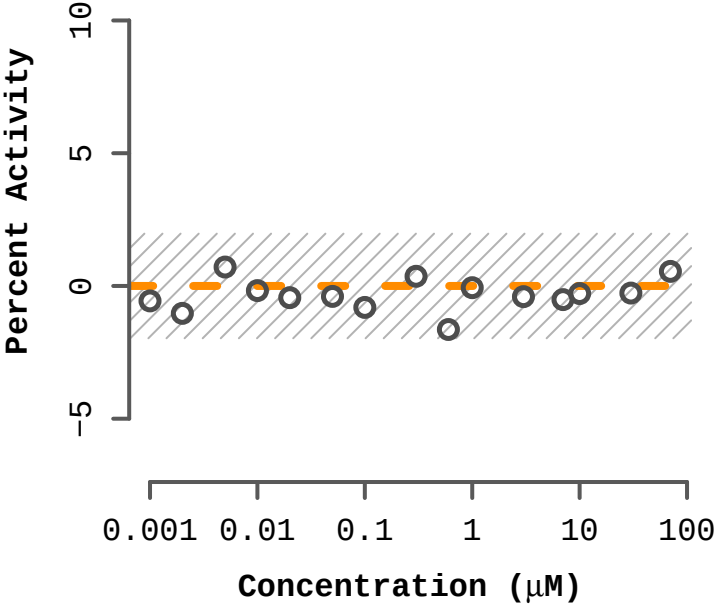
NAME: 3-Ethylphenol
CHID: 22480 CASRN: 620-17-7
SPID(S): Tox21_201623
M4ID: 11454189

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.03	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA

MAX_MEAN:	1.36	MAX_MED:	1.36	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chloro-2-methylphenol

CHID: 22510 CASRN: 1570-64-5

SPID(S): Tox21_202018

M4ID: 11453794

HILL MODEL: Not applicable.

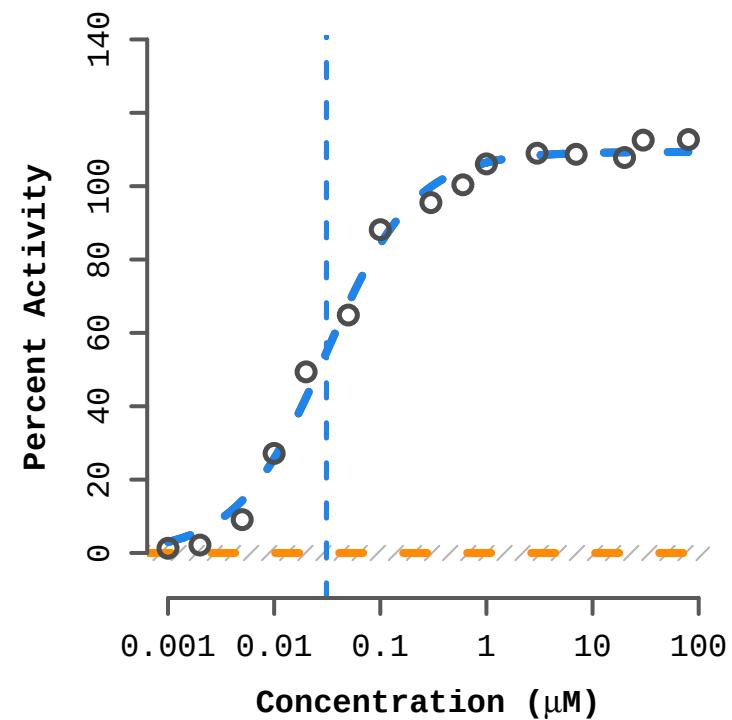
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.89	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA

MAX_MEAN: 0.713

MAX_MED: 0.713

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diisobutyl phthalate

CHID: 22522 CASRN: 84-69-5

SPID(S): Tox21_202429

M4ID: 11453383

HILL MODEL (in red):

	tp	ga	gw
val:	109	-1.51	1.04
sd:	1.44	0.0474	0.0929

GAIN-LOSS MODEL (in blue):

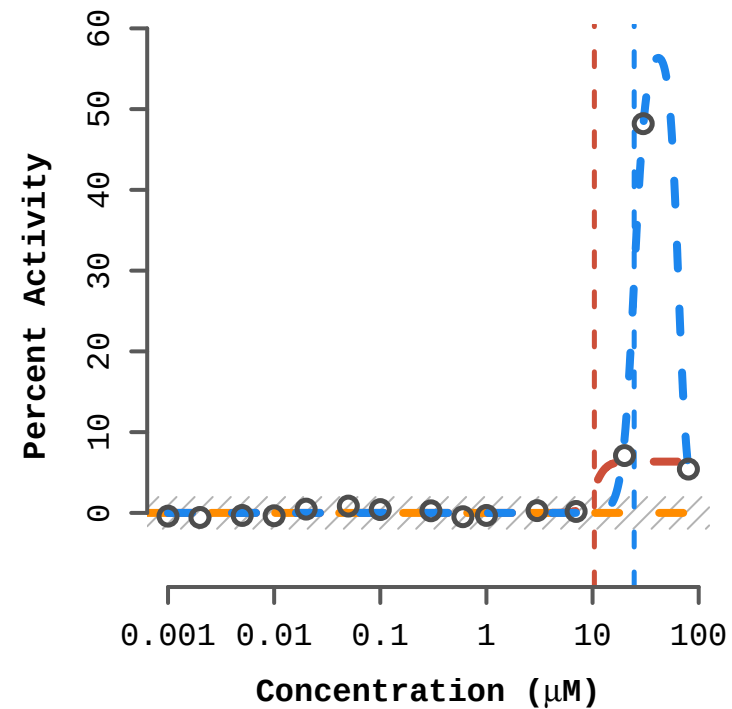
	tp	ga	gw	la	lw
val:	109	-1.51	1.04	3.03	7.47
sd:	1.44	0.0474	0.0929	472	3130

	CNST	HILL	GNLS
AIC:	180.29	89.75	93.75
PROB:	0	0.88	0.12
RMSE:	84.22	3.46	3.46

MAX_MEAN: 113

MAX_MED: 113

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexylparaben

CHID: 22525 CASRN: 5153-25-3

SPID(S): Tox21_202354

M4ID: 11453458

HILL MODEL (in red):

	tp	ga	gw
val:	6.35	1.02	8
sd:	0.821	0.103	4.17

GAIN-LOSS MODEL (in blue):

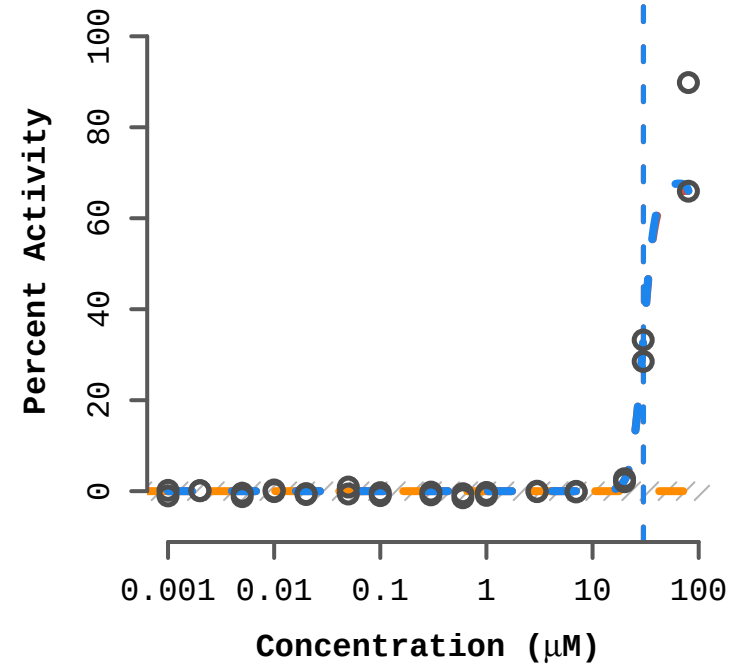
	tp	ga	gw	la	lw
val:	57.8	1.39	8	1.81	10.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	89.25	68.86	39.19
PROB:	0	0	1
RMSE:	12.66	10.82	0.66

MAX_MEAN: 48.2

MAX_MED: 48.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propylparaben

CHID: 22527 CASRN: 94-13-3

SPID(S): Tox21_400012

M4ID: 11453336

HILL MODEL (in red):

	tp	ga	gw
val:	66	1.48	8
sd:	0.556	0.00477	0.515

GAIN-LOSS MODEL (in blue):

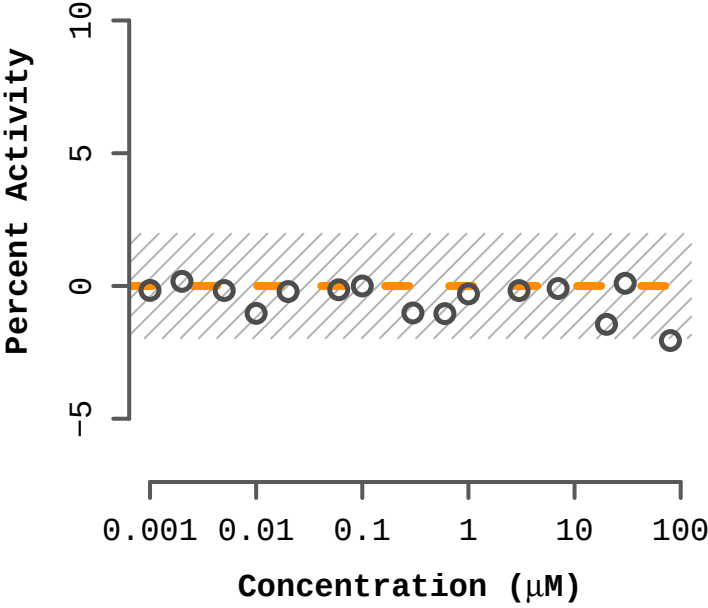
	tp	ga	gw	la	lw
val:	67.8	1.48	7.99	1.99	18
sd:	1.05	0.00497	0.526	0.0115	3.44

	CNST	HILL	GNLS
AIC:	206.83	106.67	110.66
PROB:	0	0.88	0.12
RMSE:	21.88	4.46	4.46

MAX_MEAN: 77.9

MAX_MED: 77.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methylparaben

CHID: 22529 CASRN: 99-76-3

SPID(S): Tox21_202318

M4ID: 11453494

HILL MODEL: Not applicable.

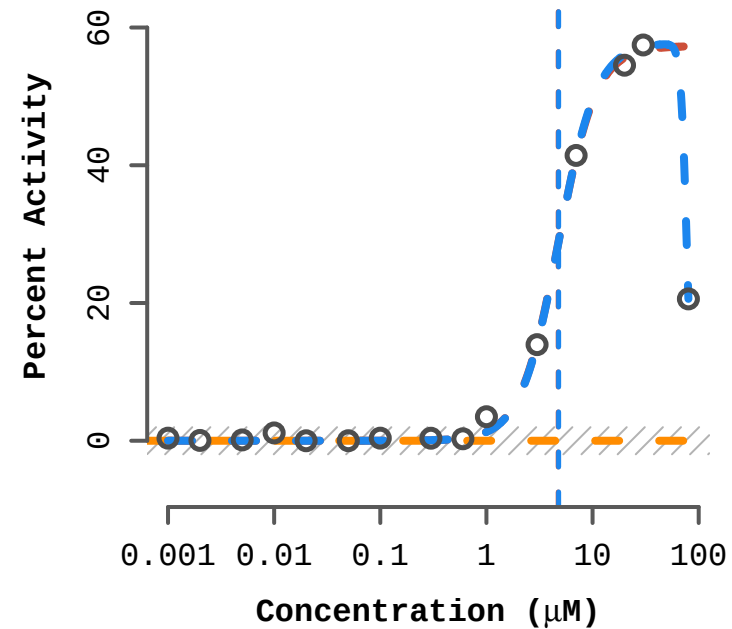
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.61	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA

MAX_MEAN: 0.175

MAX_MED: 0.175

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Cumylphenol

CHID: 22536 CASRN: 599-64-4

SPID(S): Tox21_201297

M4ID: 11454515

HILL MODEL (in red):

	tp	ga	gw
val:	57.3	0.676	2.42
sd:	0.983	0.0109	0.118

GAIN-LOSS MODEL (in blue):

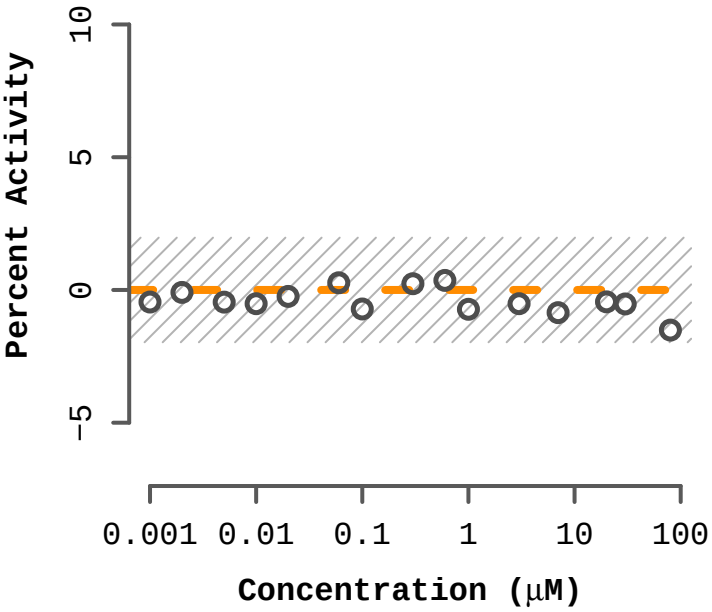
	tp	ga	gw	la	lw
val:	57.8	0.68	2.42	1.89	15.6
sd:	0.504	0.00587	0.0604	0.00408	0.808

	CNST	HILL	GNLS
AIC:	146.24	73.14	41.77
PROB:	0	0	1
RMSE:	23.98	9.49	0.78

MAX_MEAN: 57.5

MAX_MED: 57.5

BMAD: 0.657



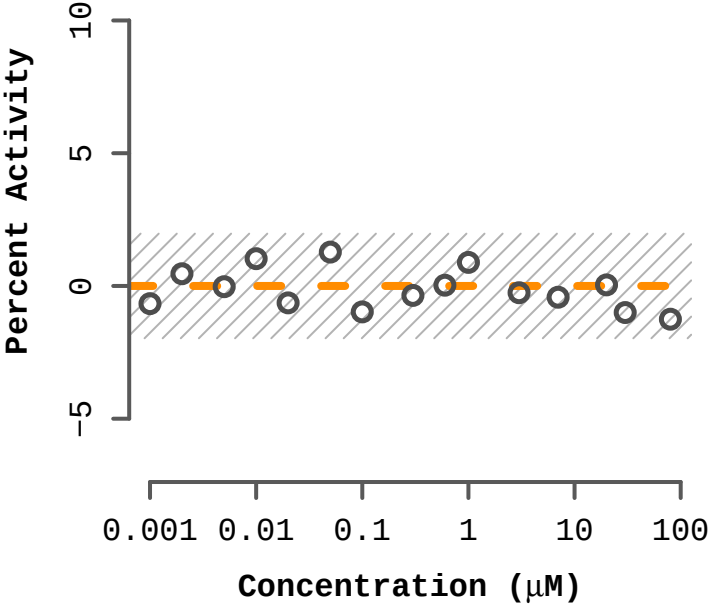
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acetazolamide
CHID: 22544 CASRN: 59-66-5
SPID(S): Tox21_201559
M4ID: 11454253

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.36	NA	NA
PROB:	1	NA	NA
RMSE:	0.62	NA	NA
MAX_MEAN:	0.361	MAX_MED: 0.361	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carbamazepine

CHID: 22731 **CASRN:** 298-46-4

SPID(S): Tox21_202273

M4ID: 11453539

HILL MODEL: Not applicable.

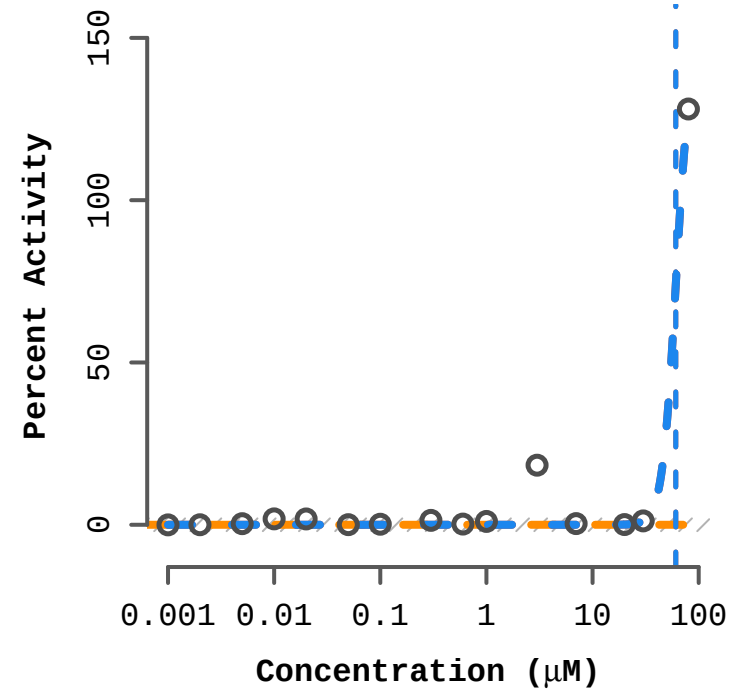
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.93	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 1.28

MAX_MED: 1.28

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Celecoxib

CHID: 22777 CASRN: 169590-42-5

SPID(S): Tox21_201964

M4ID: 11453848

HILL MODEL (in red):

	tp	ga	gw
val:	148	1.78	6.8
sd:	1.18	0.00596	0.175

GAIN-LOSS MODEL (in blue):

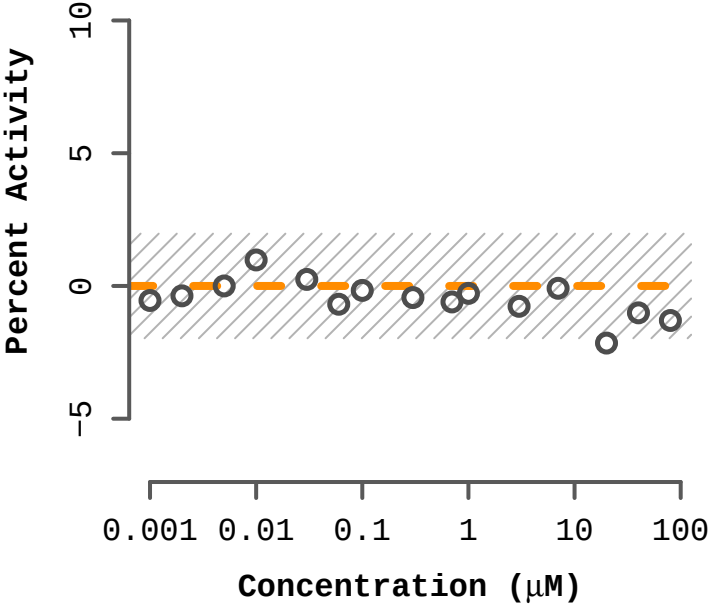
	tp	ga	gw	la	lw
val:	148	1.78	6.8	3.53	7.77
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	104.95	68.62	72.62
PROB:	0	0.88	0.12
RMSE:	33.42	4.81	4.81

MAX_MEAN: 128

MAX_MED: 128

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carminic acid

CHID: 22817 CASRN: 1260-17-9

SPID(S): Tox21_201979

M4ID: 11453833

HILL MODEL: Not applicable.

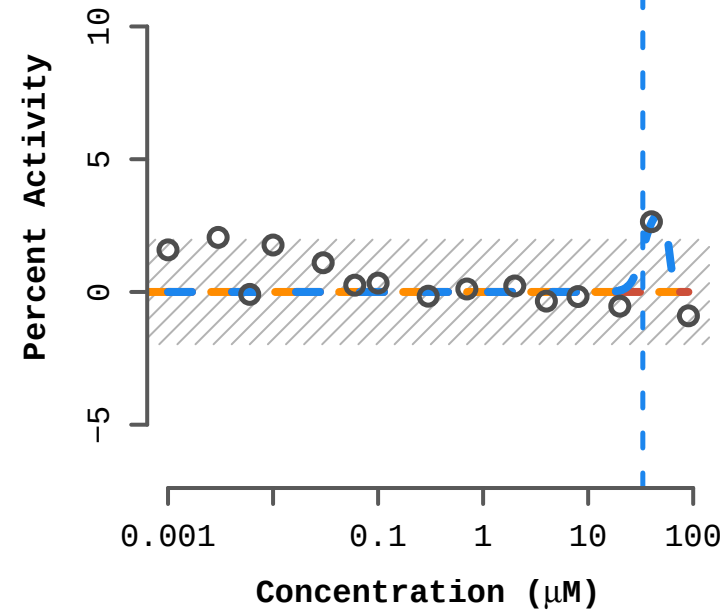
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.1	NA	NA
PROB:	1	NA	NA
RMSE:	0.84	NA	NA

MAX_MEAN: 0.981

MAX_MED: 0.981

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2',3'-Dideoxyinosine

CHID: 22927 CASRN: 69655-05-6

SPID(S): Tox21_202333

M4ID: 11453479

HILL MODEL (in red):

	tp	ga	gw
val:	1.91e-09	2.38	1.7
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

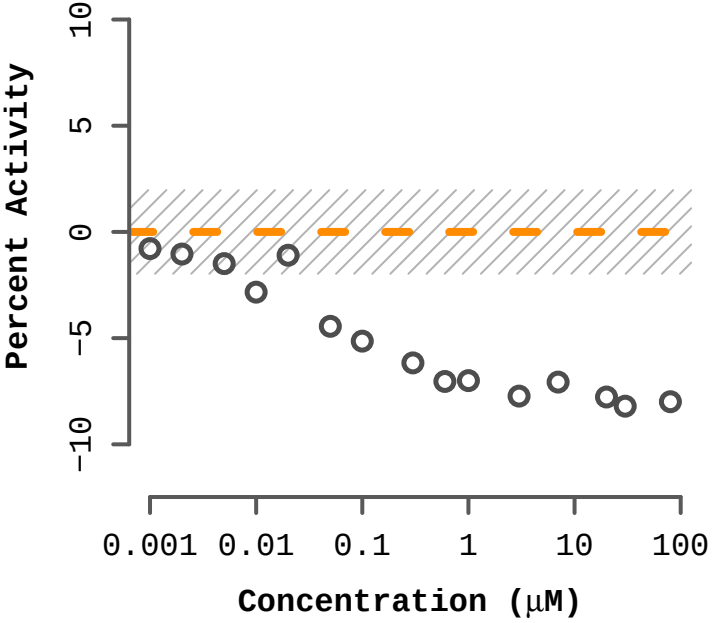
	tp	ga	gw	la	lw
val:	3.18	1.52	8	1.77	18
sd:	2.37	0.177	7.02	0.608	60

	CNST	HILL	GNLS
AIC:	48.18	54.18	51.37
PROB:	0.8	0.04	0.16
RMSE:	1.14	1.14	0.92

MAX_MEAN: 2.65

MAX_MED: 2.65

BMAD: 0.657



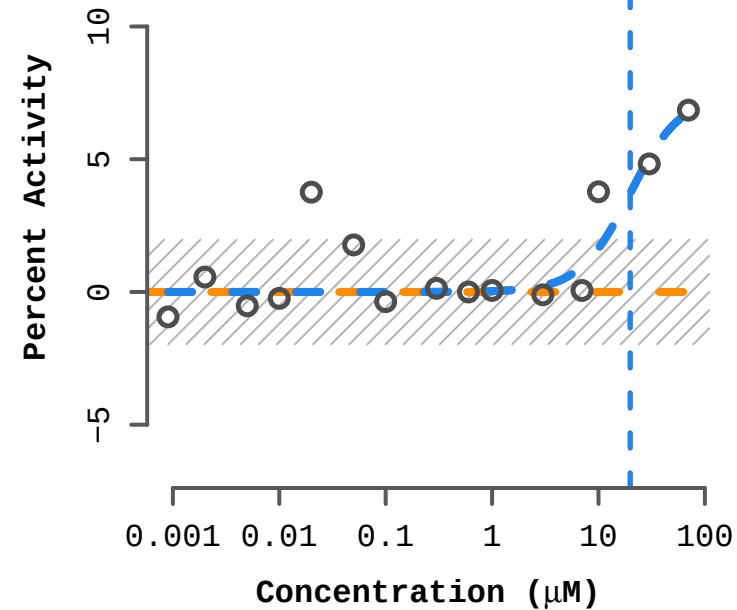
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Digoxin
CHID: 22934 CASRN: 20830-75-5
SPID(S): Tox21_201678
M4ID: 11454134

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	99.7	NA	NA
PROB:	1	NA	NA
RMSE:	5.76	NA	NA
MAX_MEAN:	-0.782	MAX_MED: -0.782	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Docusate sodium

CHID: 22959 CASRN: 577-11-7

SPID(S): Tox21_201342

M4ID: 11454470

HILL MODEL (in red):

	tp	ga	gw
val:	7.43	1.3	1.83
sd:	1.6	0.205	0.798

GAIN-LOSS MODEL (in blue):

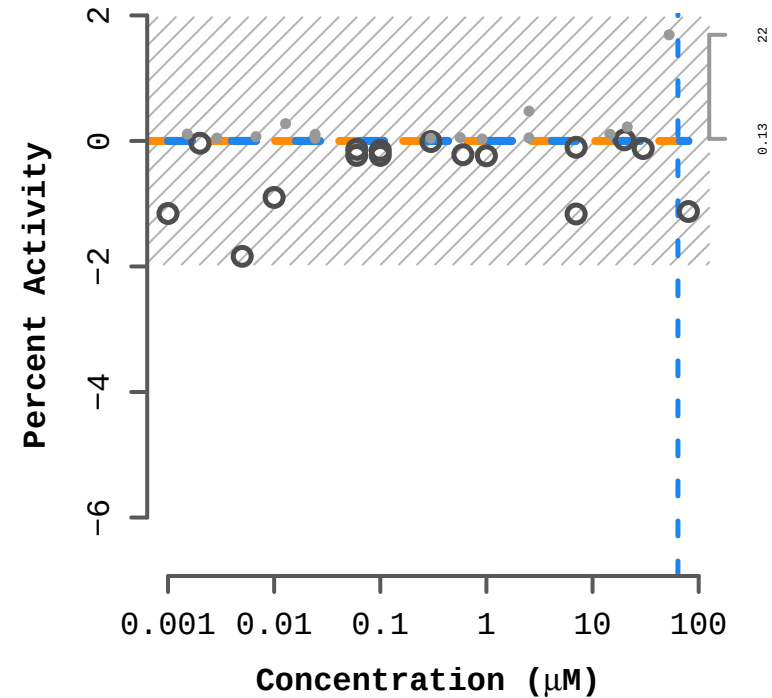
	tp	ga	gw	la	lw
val:	7.43	1.3	1.83	3.1	6.1
sd:	1.6	0.205	0.798	1290	6260

	CNST	HILL	GNLS
AIC:	70.88	53.85	57.85
PROB:	0	0.88	0.12
RMSE:	2.63	1.28	1.28

MAX_MEAN: 6.85

MAX_MED: 6.85

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methoxyphenol

CHID: 23113 CASRN: 90-05-1

SPID(S): Tox21_400004

M4ID: 11453344 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	0.0313	2.39	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

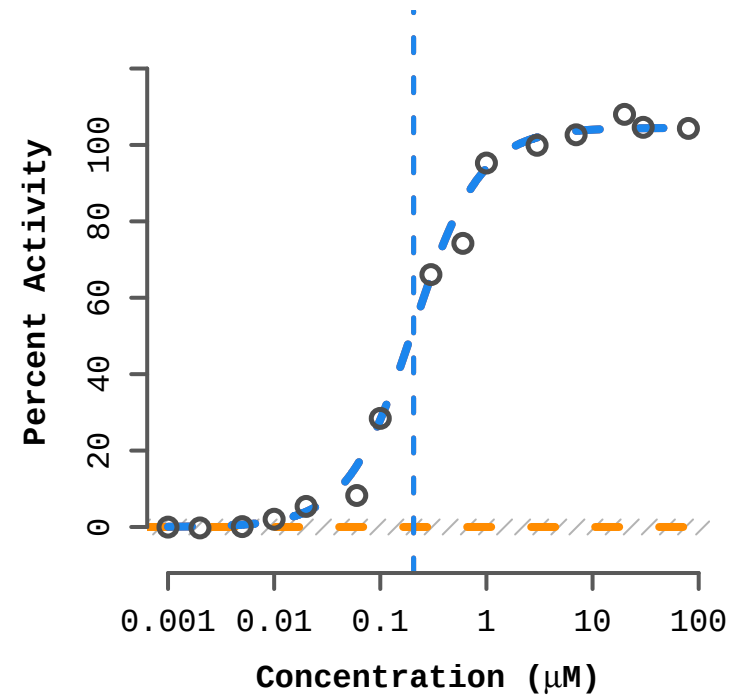
	tp	ga	gw	la	lw
val:	5.04e-10	1.8	4.66	3.9	13.2
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	120.99	126.99	130.99
PROB:	0.95	0.05	0.01
RMSE:	4.23	4.23	4.23

MAX_MEAN: 10.3

MAX_MED: 10.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Lactic acid

CHID: 23192 CASRN: 50-21-5

SPID(S): Tox21_202455

M4ID: 11453357

HILL MODEL (in red):

	tp	ga	gw
val:	104	-0.686	1.38
sd:	0.928	0.0183	0.0784

GAIN-LOSS MODEL (in blue):

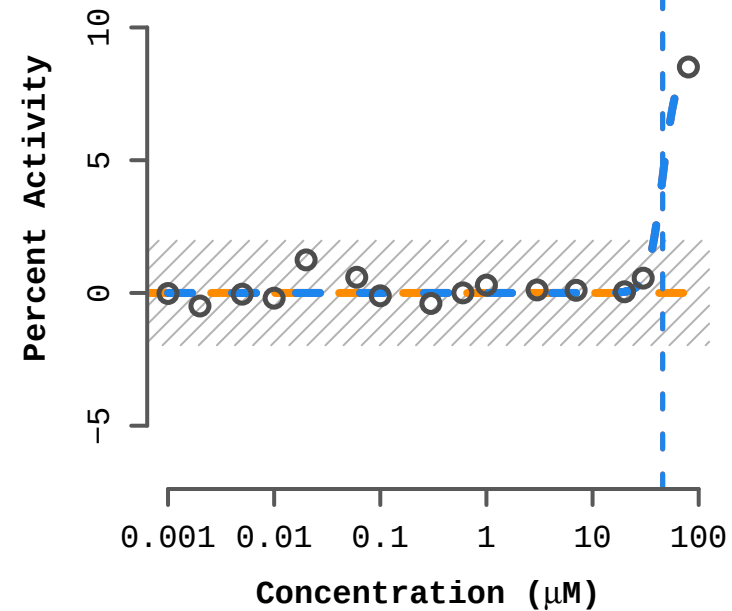
	tp	ga	gw	la	lw
val:	104	-0.686	1.38	3.57	12.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	173.93	82.51	86.51
PROB:	0	0.88	0.12
RMSE:	70.18	3.67	3.67

MAX_MEAN: 108

MAX_MED: 108

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: D-Mannitol

CHID: 23235 CASRN: 69-65-8

SPID(S): Tox21_201487

M4ID: 11454325

HILL MODEL (in red):

	tp	ga	gw
val:	8.76	1.66	6.36
sd:	1.92	0.24	7.7

GAIN-LOSS MODEL (in blue):

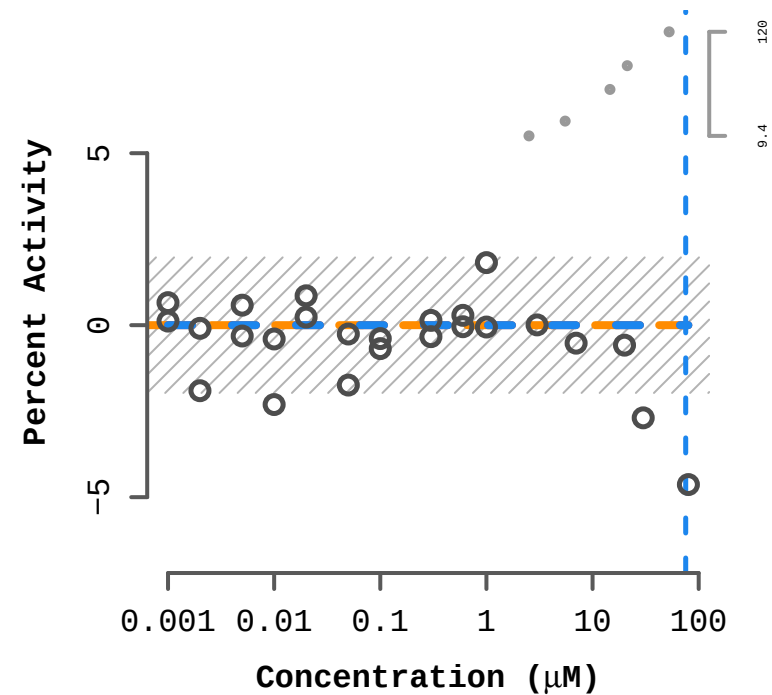
	tp	ga	gw	la	lw
val:	8.76	1.66	6.35	3.4	4.83
sd:	1.92	0.24	7.69	53800	173000

	CNST	HILL	GNLS
AIC:	41.86	18.79	22.79
PROB:	0	0.88	0.12
RMSE:	2.24	0.41	0.41

MAX_MEAN: 8.51

MAX_MED: 8.51

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Milrinone

CHID: 23324 CASRN: 78415-72-2

SPID(S): Tox21_400069

M4ID: 11453279 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	5.24	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

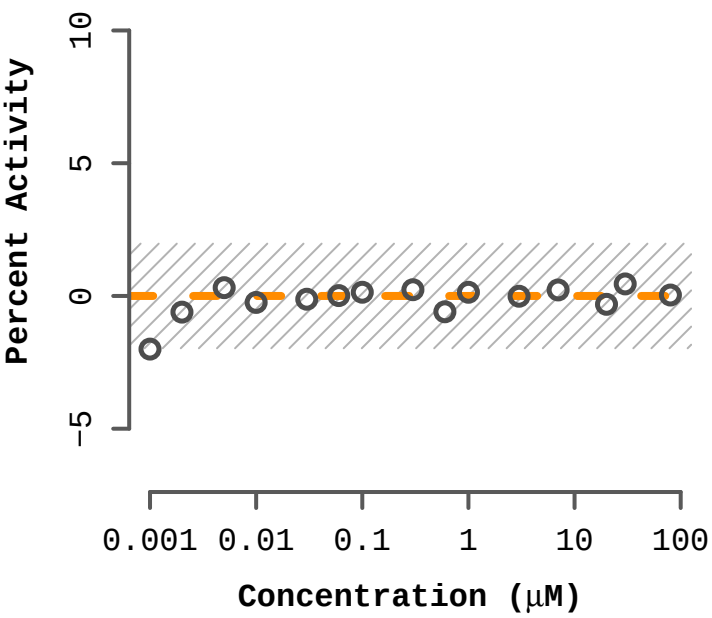
	tp	ga	gw	la	lw
val:	1.45e-09	1.88	7.71	3.71	17.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	232.44	238.44	242.44
PROB:	0.95	0.05	0.01
RMSE:	29.41	29.41	29.41

MAX_MEAN: 58

MAX_MED: 58

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Primidone

CHID: 23510 CASRN: 125-33-7

SPID(S): Tox21_201948

M4ID: 11453864

HILL MODEL: Not applicable.

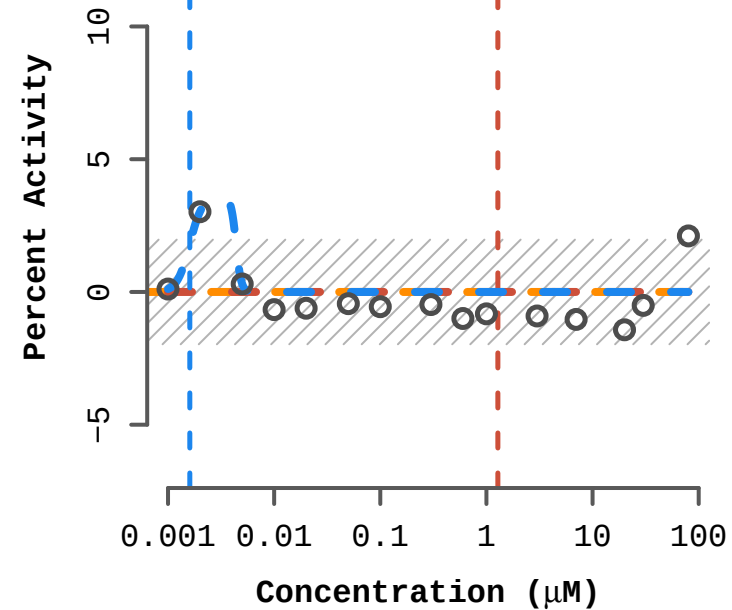
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	22.23	NA	NA
PROB:	1	NA	NA
RMSE:	0.6	NA	NA

MAX_MEAN: 0.454

MAX_MED: 0.454

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propofol

CHID: 23523 CASRN: 2078-54-8

SPID(S): Tox21_201371

M4ID: 11454441

HILL MODEL (in red):

	tp	ga	gw
val:	4.72e-11	0.108	0.319
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

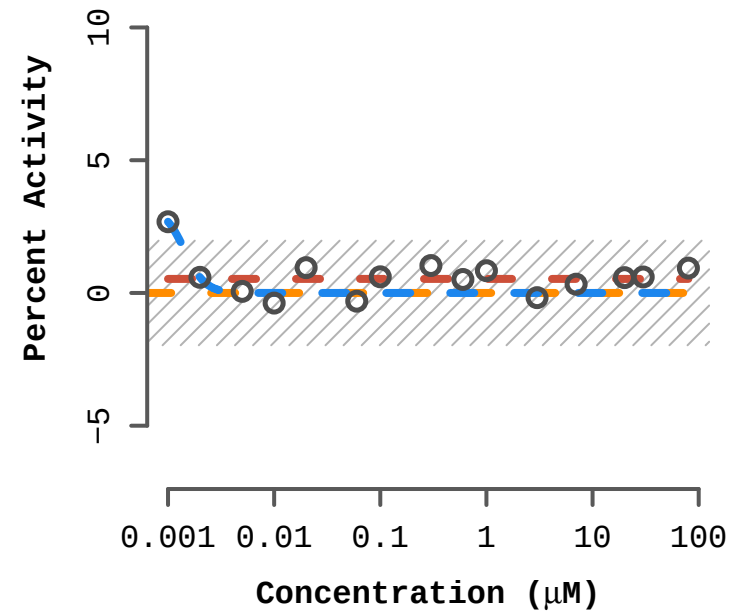
	tp	ga	gw	la	lw
val:	3.63	-2.79	7.31	-2.36	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	49.34	55.34	51.83
PROB:	0.75	0.04	0.22
RMSE:	1.19	1.19	0.89

MAX_MEAN: 3.02

MAX_MED: 3.02

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Retinol

CHID: 23556 CASRN: 68-26-8

SPID(S): Tox21_202441

M4ID: 11453371

HILL MODEL (in red):

	tp	ga	gw
val:	0.529	-4.76	4.21
sd:	0.144	1550	3690

GAIN-LOSS MODEL (in blue):

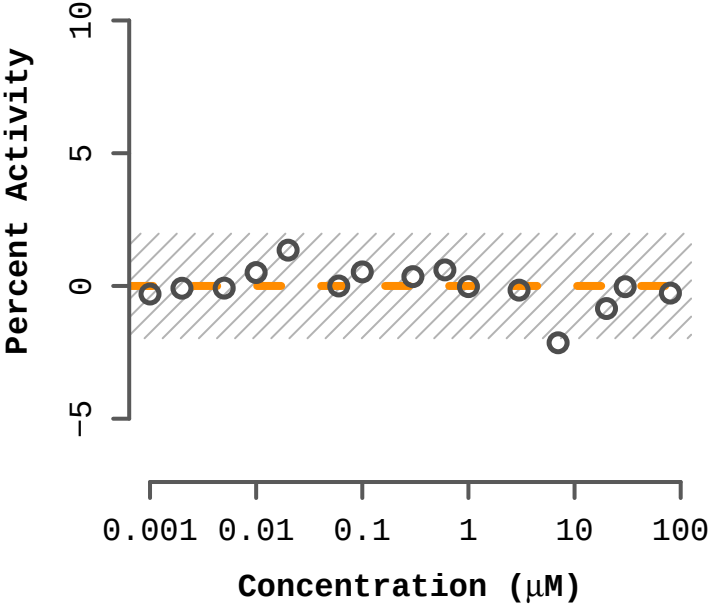
	tp	ga	gw	la	lw
val:	3.22	-4.87	2.77	-2.84	4.47
sd:	31.4	1540	2310	3.33	66.9

	CNST	HILL	GNLS
AIC:	40.81	37.4	40.82
PROB:	0.13	0.73	0.13
RMSE:	0.92	0.71	0.59

MAX_MEAN: 2.68

MAX_MED: 2.68

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: D-Glucitol

CHID: 23588 **CASRN:** 50-70-4

SPID(S): Tox21_201937

M4ID: 11453875

HILL MODEL: Not applicable.

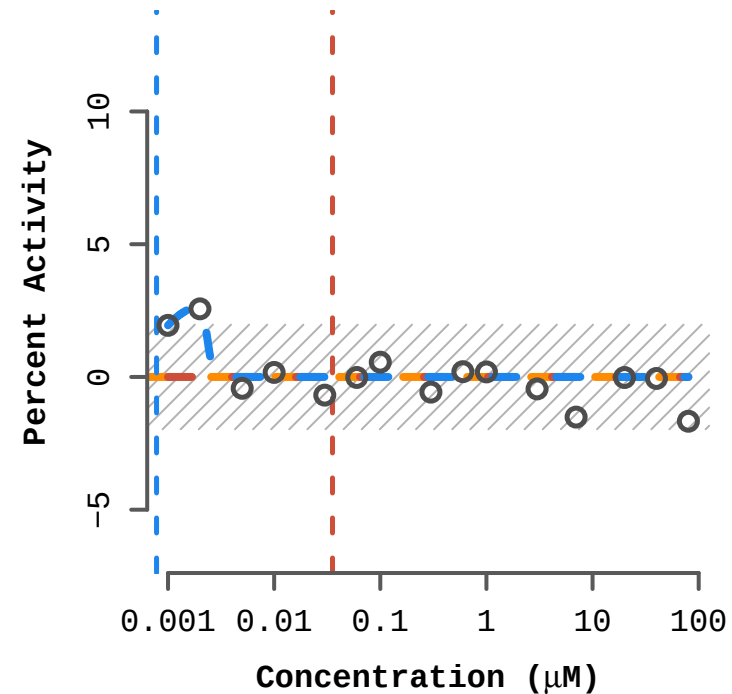
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 1.35

MAX_MED: 1.35

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Butanedioic acid

CHID: 23602 CASRN: 110-15-6

SPID(S): Tox21_201918

M4ID: 11453894

HILL MODEL (in red):

	tp	ga	gw
val:	3.95e-11	-1.45	1.53
sd:	0.000149	324000	2180000

GAIN-LOSS MODEL (in blue):

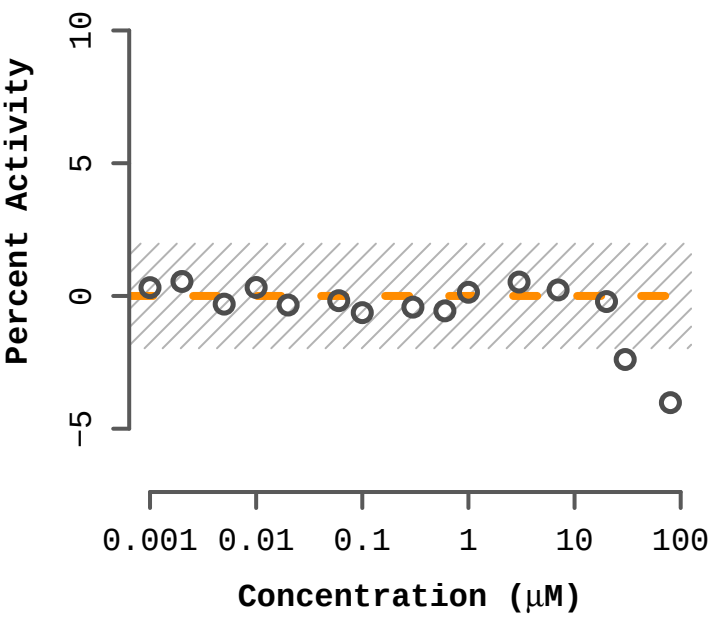
	tp	ga	gw	la	lw
val:	2.89	-3.11	2.89	-2.63	17.3
sd:	6.97	0.628	45	0.00404	11.1

	CNST	HILL	GNLS
AIC:	45.41	51.41	39.98
PROB:	0.06	0	0.93
RMSE:	1.07	1.07	0.67

MAX_MEAN: 2.57

MAX_MED: 2.57

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sulfanilamide

CHID: 23622 **CASRN:** 63-74-1

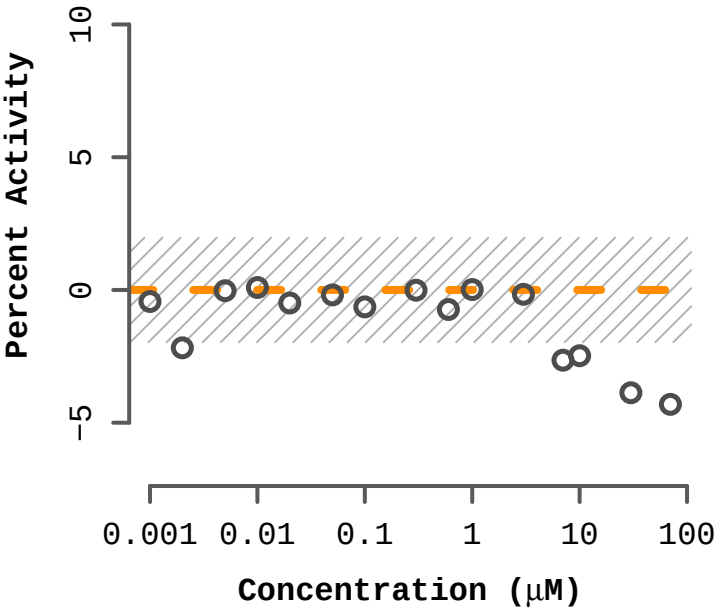
SPID(S): Tox21_201331

M4ID: 11454481

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.1	NA	NA
PROB:	1	NA	NA
RMSE:	1.26	NA	NA
MAX_MEAN: 0.547		MAX_MED: 0.547	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 6-Thioguanine

CHID: 23652 CASRN: 154-42-7

SPID(S): Tox21_202401

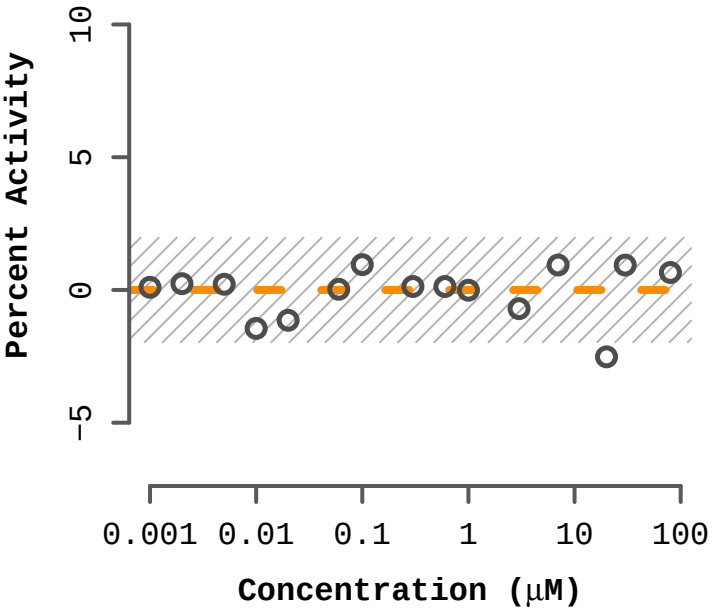
M4ID: 11453411

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	62.21	NA	NA
PROB:	1	NA	NA
RMSE:	1.88	NA	NA

MAX_MEAN:	0.0937	MAX_MED:	0.0937	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tromethamine

CHID: 23723 CASRN: 77-86-1

SPID(S): Tox21_201646

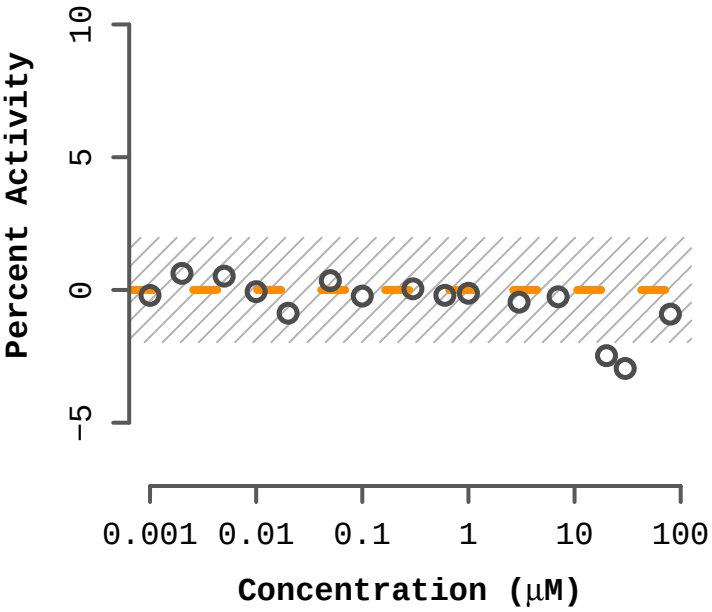
M4ID: 11454166

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.24	NA	NA
PROB:	1	NA	NA
RMSE:	0.95	NA	NA

MAX_MEAN:	0.954	MAX_MED:	0.954	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Valproic acid

CHID: 23733 CASRN: 99-66-1

SPID(S): Tox21_201963

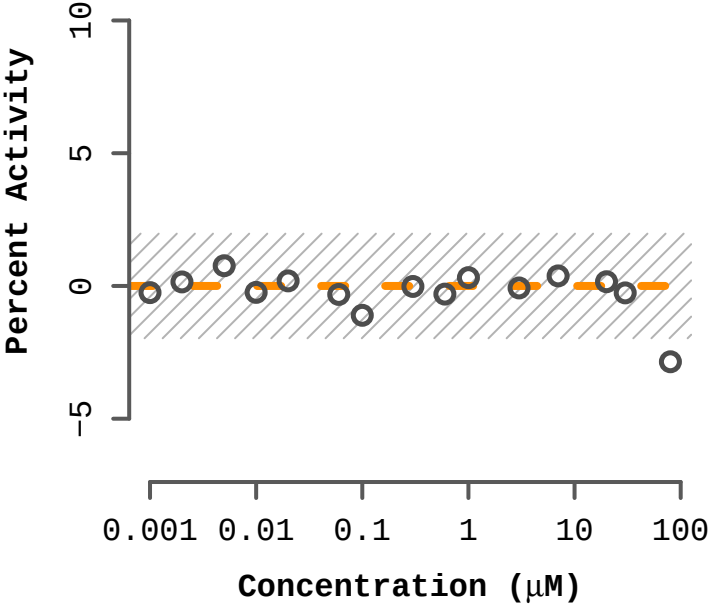
M4ID: 11453849

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.46	NA	NA
PROB:	1	NA	NA
RMSE:	1.09	NA	NA

MAX_MEAN:	0.626	MAX_MED:	0.626	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Warfarin

CHID: 23742 CASRN: 81-81-2

SPID(S): Tox21_202182

M4ID: 11453630

HILL MODEL: Not applicable.

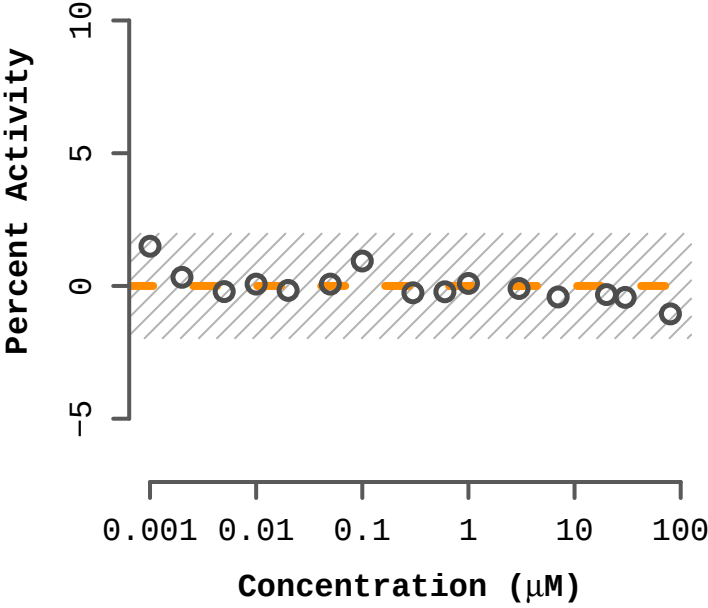
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.86	NA	NA
PROB:	1	NA	NA
RMSE:	0.84	NA	NA

MAX_MEAN: 0.763

MAX_MED: 0.763

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2',3'-Dideoxycytidine

CHID: 23747 CASRN: 7481-89-2

SPID(S): Tox21_201655

M4ID: 11454157

HILL MODEL: Not applicable.

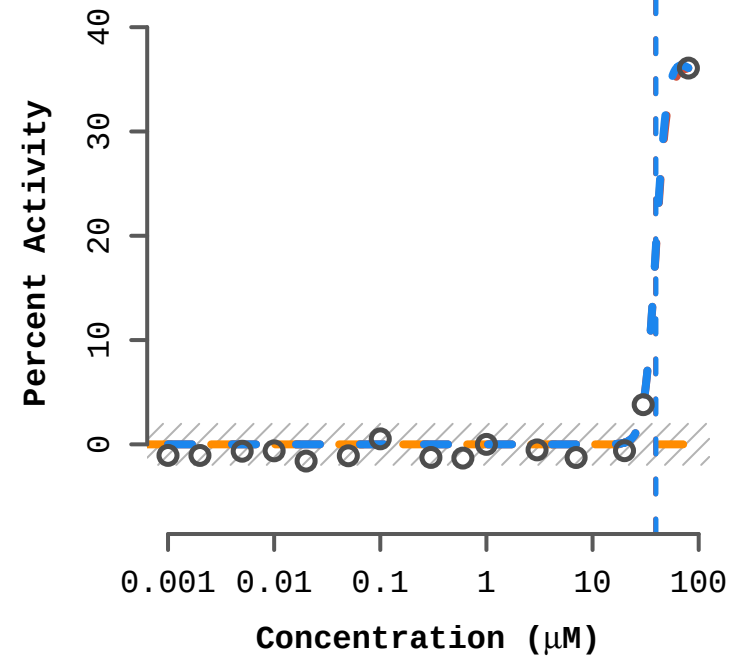
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	26.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.58	NA	NA

MAX_MEAN: 1.5

MAX_MED: 1.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzo(e)pyrene

CHID: 23764 CASRN: 192-97-2

SPID(S): Tox21_201724

M4ID: 11454088

HILL MODEL (in red):

	tp	ga	gw
val:	36.2	1.59	8
sd:	0.773	0.0207	1.32

GAIN-LOSS MODEL (in blue):

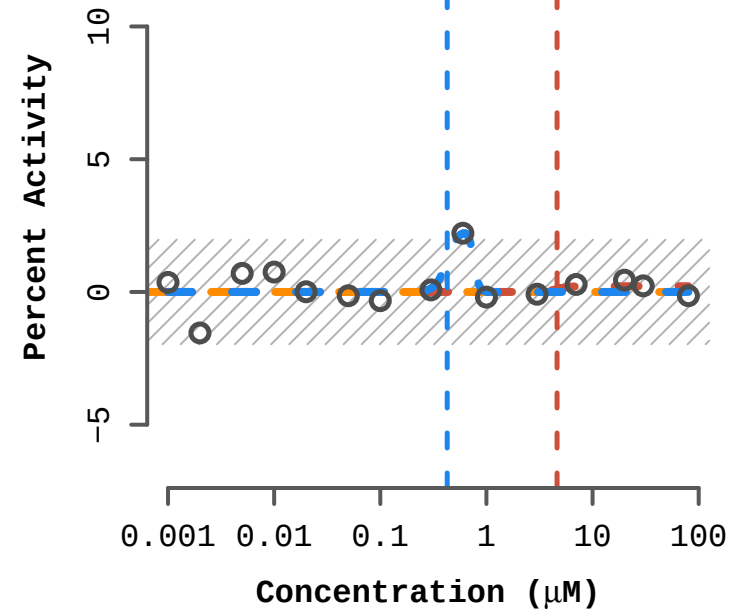
	tp	ga	gw	la	lw
val:	38.7	1.6	8	2.54	1.83
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	79.72	50.6	54.6
PROB:	0	0.88	0.12
RMSE:	9.41	0.93	0.93

MAX_MEAN: 36.1

MAX_MED: 36.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nitrotoluene

CHID: 23792 CASRN: 99-99-0

SPID(S): Tox21_201464

M4ID: 11454348

HILL MODEL (in red):

	tp	ga	gw
val:	0.215	0.666	8
sd:	0.216	0.634	27.4

GAIN-LOSS MODEL (in blue):

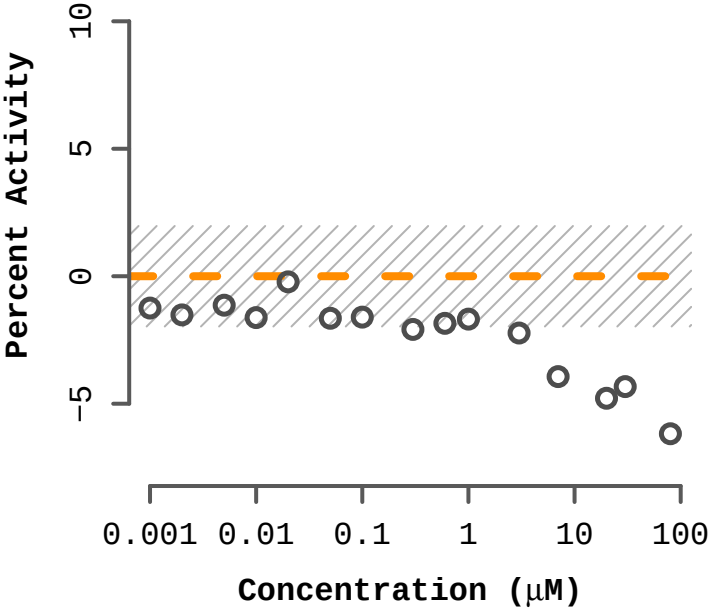
	tp	ga	gw	la	lw
val:	2.39	-0.369	8	-0.119	18
sd:	1.23	0.226	10.4	0.193	28.5

	CNST	HILL	GNLS
AIC:	32.88	37.96	32.14
PROB:	0.4	0.03	0.57
RMSE:	0.77	0.77	0.52

MAX_MEAN: 2.21

MAX_MED: 2.21

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pentamidine isethionate

CHID: 23796 CASRN: 140-64-7

SPID(S): Tox21_201722

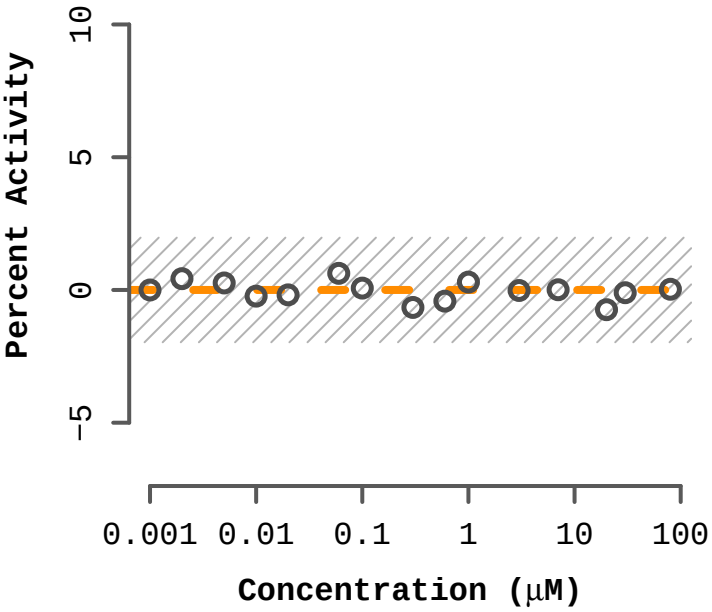
M4ID: 11454090

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	77.38	NA	NA
PROB:	1	NA	NA
RMSE:	2.87	NA	NA

MAX_MEAN: -0.219 MAX_MED: -0.219 BMAD: 0.657



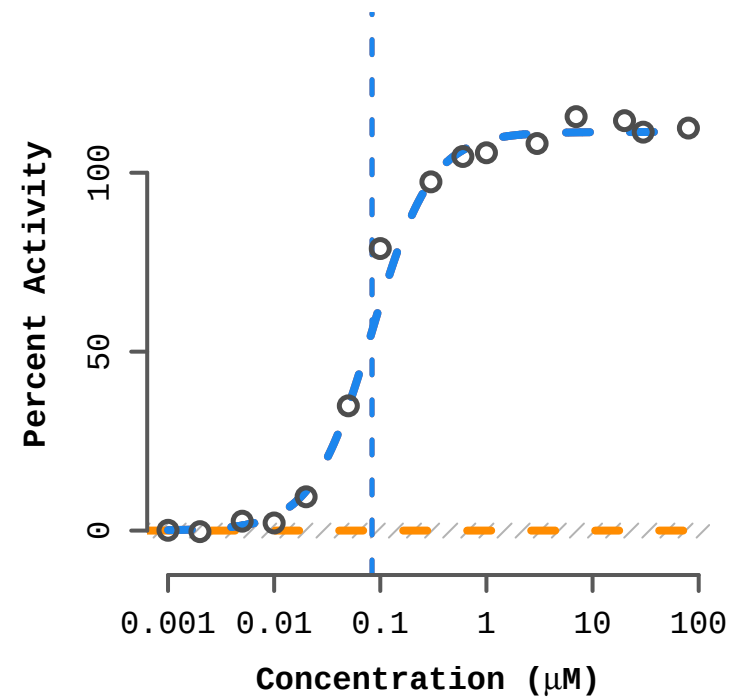
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dibromoacetic acid
CHID: 23815 CASRN: 631-64-1
SPID(S): Tox21_202297
M4ID: 11453515

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	14.97	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.36	NA	NA	
MAX_MEAN:	0.627	MAX_MED:	0.627	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Stavudine

CHID: 23819 CASRN: 3056-17-5

SPID(S): Tox21_201393

M4ID: 11454419

HILL MODEL (in red):

	tp	ga	gw
val:	111	-1.08	1.54
sd:	1.28	0.0274	0.104

GAIN-LOSS MODEL (in blue):

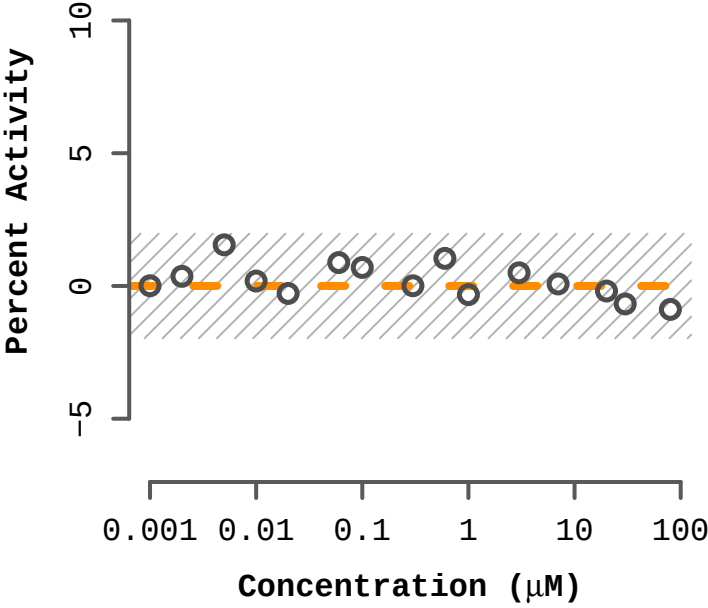
	tp	ga	gw	la	lw
val:	111	-1.08	1.54	2.63	11.3
sd:	1.28	0.0274	0.104	268	4160

	CNST	HILL	GNLS
AIC:	179.36	86.74	90.74
PROB:	0	0.88	0.12
RMSE:	82.61	4.48	4.48

MAX_MEAN: 116

MAX_MED: 116

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isophorone diisocyanate

CHID: 23826 CASRN: 4098-71-9

SPID(S): Tox21_201520

M4ID: 11454292

HILL MODEL: Not applicable.

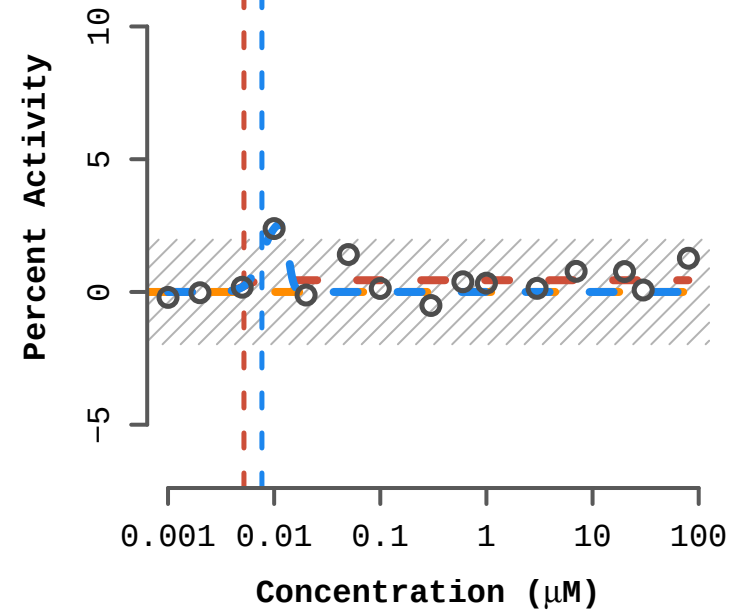
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.91	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA

MAX_MEAN: 1.55

MAX_MED: 1.55

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acenaphthylene

CHID: 23845 CASRN: 208-96-8

SPID(S): Tox21_201825

M4ID: 11453987

HILL MODEL (in red):

	tp	ga	gw
val:	0.442	-2.28	8
sd:	0.184	0.215	22

GAIN-LOSS MODEL (in blue):

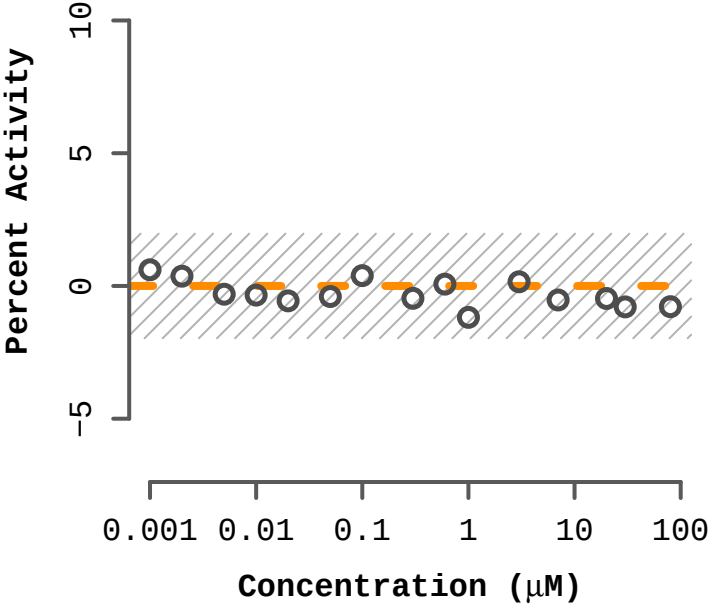
	tp	ga	gw	la	lw
val:	2.85	-2.12	6.29	-1.87	17.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	37.8	37.83	38.12
PROB:	0.35	0.35	0.3
RMSE:	0.86	0.69	0.6

MAX_MEAN: 2.39

MAX_MED: 2.39

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acephate

CHID: 23846 **CASRN:** 30560-19-1

SPID(S): Tox21_202204

M4ID: 11453608

HILL MODEL: Not applicable.

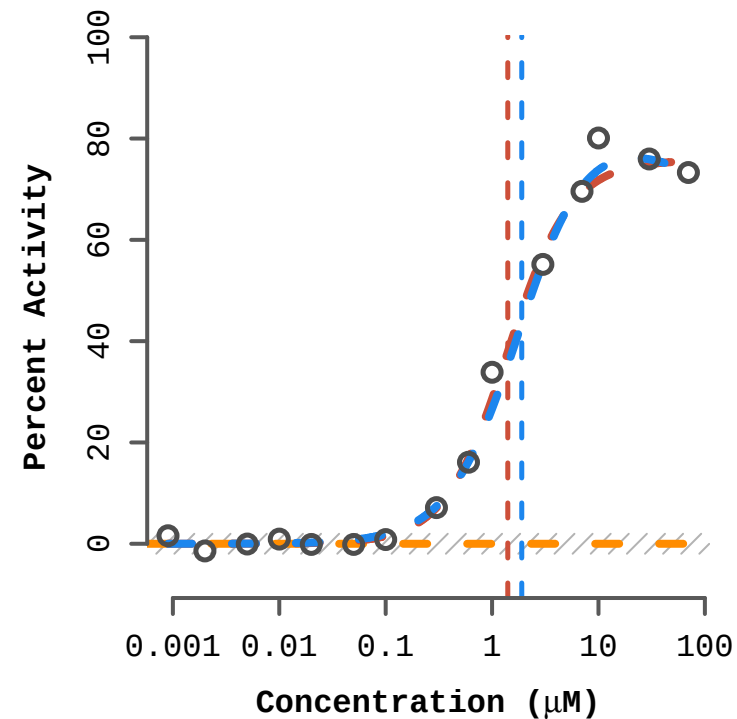
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.17	NA	NA
PROB:	1	NA	NA
RMSE:	0.56	NA	NA

MAX_MEAN: 0.611

MAX_MED: 0.611

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acetochlor

CHID: 23848 CASRN: 34256-82-1

SPID(S): Tox21_202445

M4ID: 11453367

HILL MODEL (in red):

	tp	ga	gw
val:	75.8	0.147	1.47
sd:	1.53	0.0407	0.0958

GAIN-LOSS MODEL (in blue):

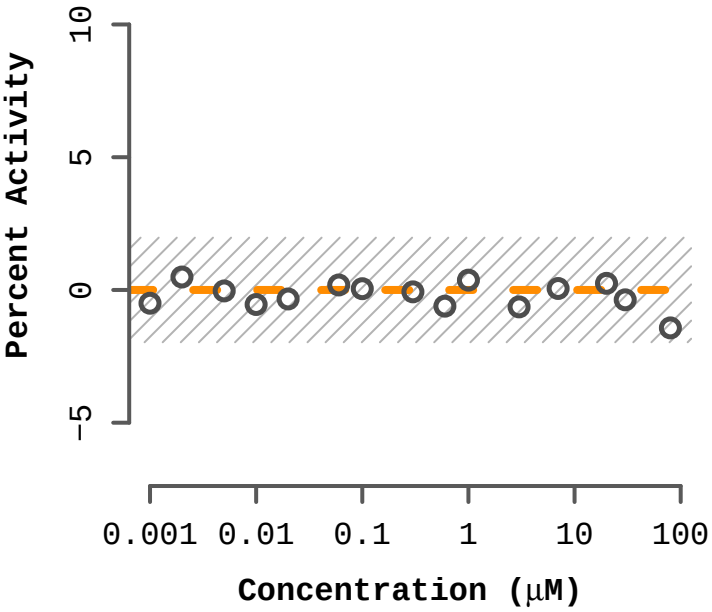
	tp	ga	gw	la	lw
val:	95.5	0.279	1.31	3.63	0.3
sd:	3.77	0.025	0.0544	0.573	0.119

	CNST	HILL	GNLS
AIC:	156.98	75.48	75.27
PROB:	0	0.47	0.53
RMSE:	42.36	2.76	2.59

MAX_MEAN: 80.1

MAX_MED: 80.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Aldoxycarb

CHID: 23862 **CASRN:** 1646-88-4

SPID(S): Tox21_201338

M4ID: 11454474

HILL MODEL: Not applicable.

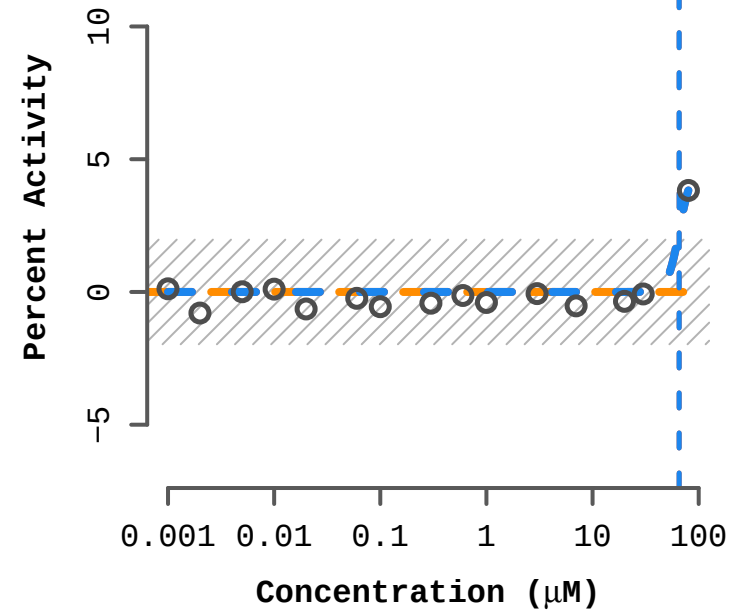
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.57	NA	NA
PROB:	1	NA	NA
RMSE:	0.52	NA	NA

MAX_MEAN: 0.488

MAX_MED: 0.488

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ametryn

CHID: 23869 CASRN: 834-12-8

SPID(S): Tox21_201414

M4ID: 11454398

HILL MODEL (in red):

	tp	ga	gw
val:	4.59	1.82	8
sd:	2.87	0.111	11.9

GAIN-LOSS MODEL (in blue):

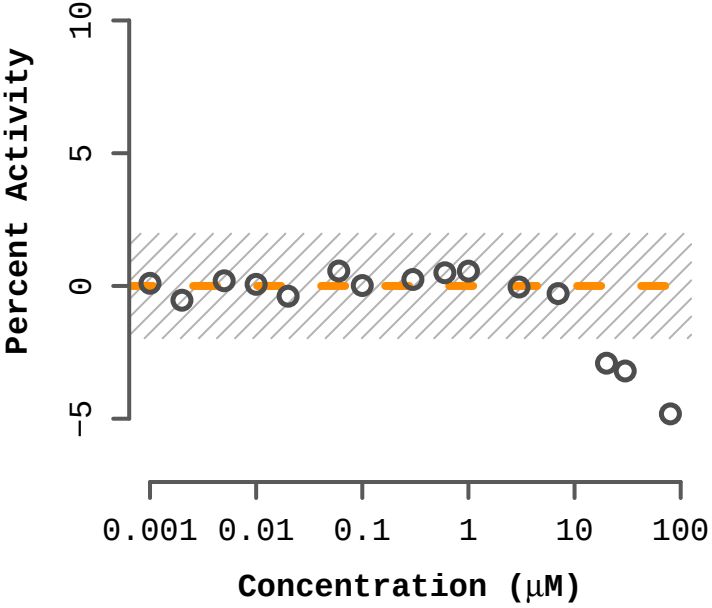
	tp	ga	gw	la	lw
val:	4.59	1.82	8	3.39	4.93
sd:	2.88	0.112	12	4970	16400

	CNST	HILL	GNLS
AIC:	33.4	22.76	26.76
PROB:	0	0.88	0.12
RMSE:	1.06	0.38	0.38

MAX_MEAN: 3.83

MAX_MED: 3.83

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Amitraz

CHID: 23871 **CASRN:** 33089-61-1

SPID(S): Tox21_201357

M4ID: 11454455

HILL MODEL: Not applicable.

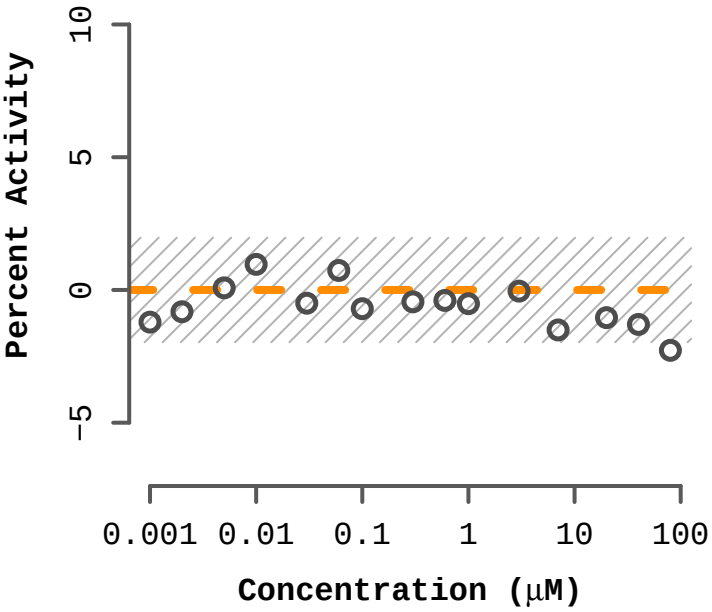
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	54.44	NA	NA
PROB:	1	NA	NA
RMSE:	1.7	NA	NA

MAX_MEAN: 0.565

MAX_MED: 0.565

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

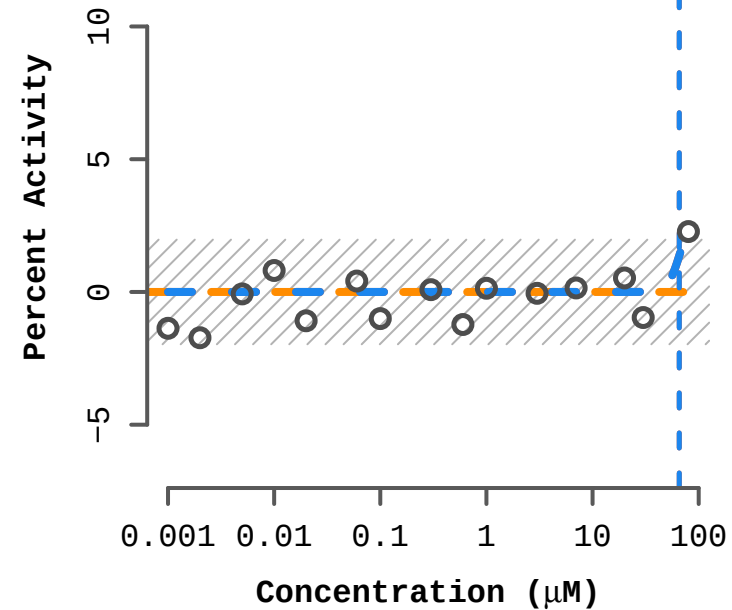
NAME: Ammonium sulfamate
CHID: 23875 CASRN: 7773-06-0
SPID(S): Tox21_201674
M4ID: 11454138

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.05	NA	NA
PROB:	1	NA	NA
RMSE:	1.01	NA	NA

MAX_MEAN: 0.965	MAX_MED: 0.965	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Anisidine

CHID: 23877 CASRN: 90-04-0

SPID(S): Tox21_201460

M4ID: 11454352

HILL MODEL (in red):

	tp	ga	gw
val:	2.73	1.82	8
sd:	5.25	0.525	14.7

GAIN-LOSS MODEL (in blue):

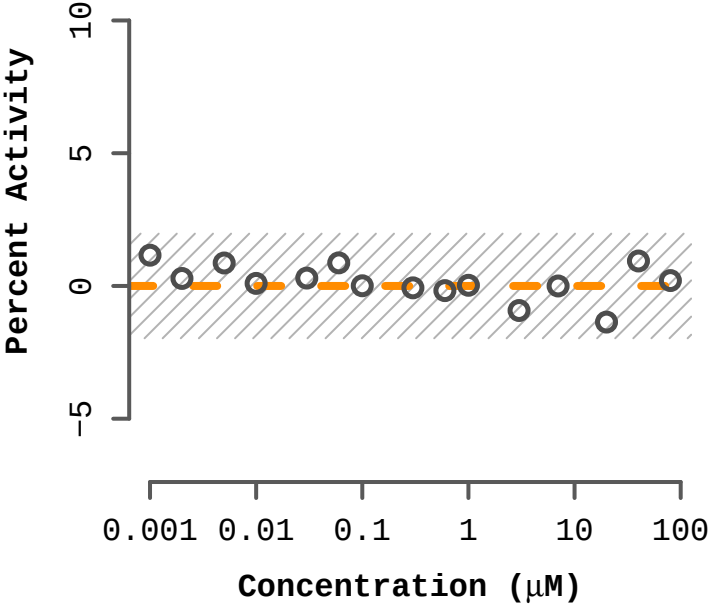
	tp	ga	gw	la	lw
val:	2.73	1.82	8	2.57	11.3
sd:	5.28	0.528	14.7	3000	50600

	CNST	HILL	GNLS
AIC:	46.26	46.56	50.56
PROB:	0.51	0.43	0.06
RMSE:	1.03	0.84	0.84

MAX_MEAN: 2.28

MAX_MED: 2.28

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Anthracene

CHID: 23878 **CASRN:** 120-12-7

SPID(S): Tox21_202226

M4ID: 11453586

HILL MODEL: Not applicable.

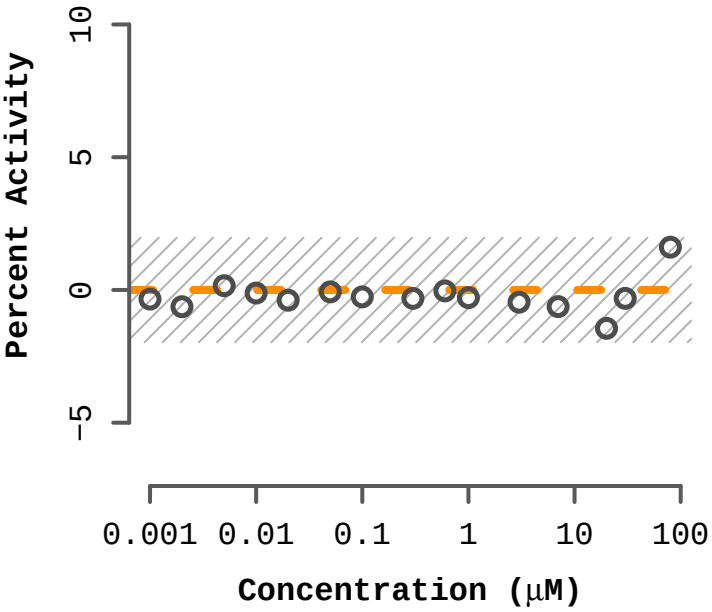
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.16	NA	NA
PROB:	1	NA	NA
RMSE:	0.67	NA	NA

MAX_MEAN: 1.16

MAX_MED: 1.16

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Clofentezine

CHID: 23881 **CASRN:** 74115-24-5

SPID(S): Tox21_201688

M4ID: 11454124

HILL MODEL: Not applicable.

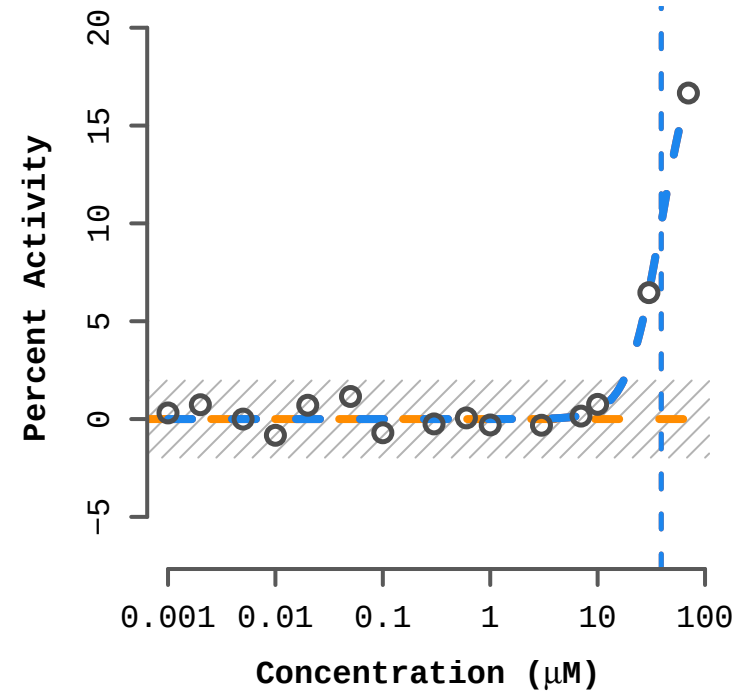
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.99	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA

MAX_MEAN: 1.61

MAX_MED: 1.61

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Aroclor 1016

CHID: 23883 CASRN: 12674-11-2

SPID(S): Tox21_202248

M4ID: 11453564

HILL MODEL (in red):

	tp	ga	gw
val:	20	1.59	2.74
sd:	1.16	0.0275	0.311

GAIN-LOSS MODEL (in blue):

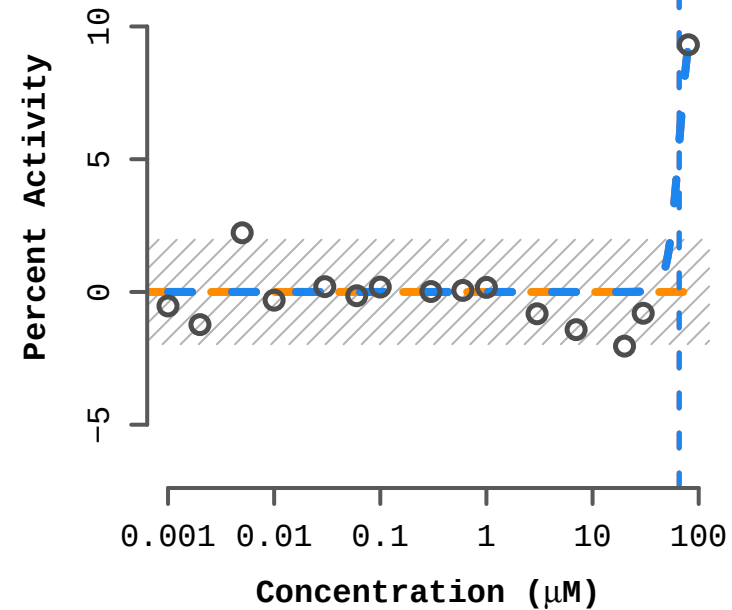
	tp	ga	gw	la	lw
val:	20	1.59	2.74	3.79	4.13
sd:	1.16	0.0275	0.311	1450	3080

	CNST	HILL	GNLS
AIC:	69.98	31.27	35.27
PROB:	0	0.88	0.12
RMSE:	4.65	0.52	0.52

MAX_MEAN: 16.7

MAX_MED: 16.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Quizalofop-ethyl

CHID: 23889 CASRN: 76578-14-8

SPID(S): Tox21_202007

M4ID: 11453805

HILL MODEL (in red):

	tp	ga	gw
val:	11.2	1.82	8
sd:	4.51	0.0846	6.84

GAIN-LOSS MODEL (in blue):

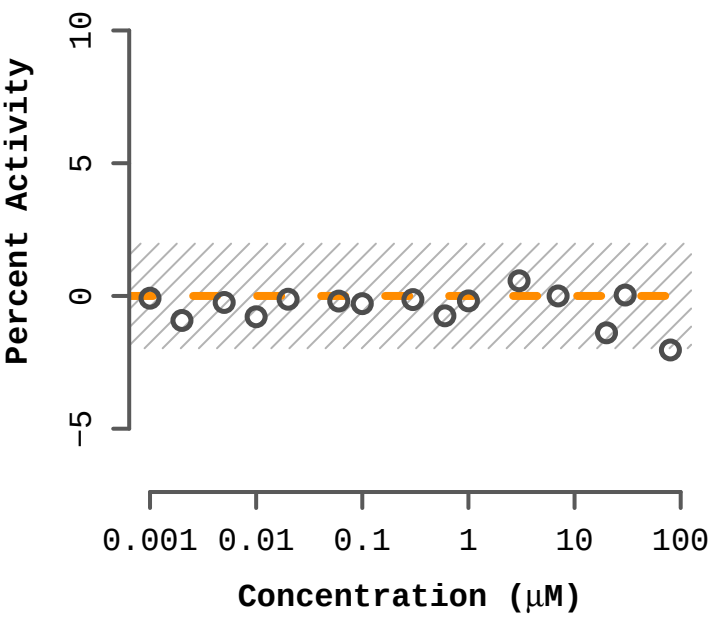
	tp	ga	gw	la	lw
val:	11.2	1.82	8	3.89	3.52
sd:	4.51	0.0846	6.84	2500	4440

	CNST	HILL	GNLS
AIC:	60.41	49.3	53.3
PROB:	0	0.88	0.12
RMSE:	2.6	0.98	0.98

MAX_MEAN: 9.31

MAX_MED: 9.31

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Asulam

CHID: 23890 **CASRN:** 3337-71-1

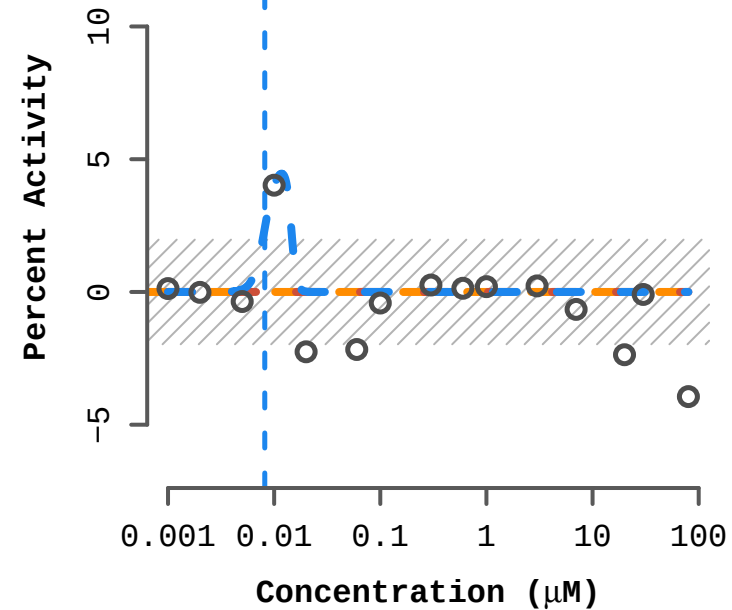
SPID(S): Tox21_201642

M4ID: 11454170

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.47	NA	NA
PROB:	1	NA	NA
RMSE:	0.76	NA	NA
MAX_MEAN: 0.573		MAX_MED: 0.573	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benfluralin

CHID: 23899 CASRN: 1861-40-1

SPID(S): Tox21_202270

M4ID: 11453542

HILL MODEL (in red):

	tp	ga	gw
val:	0.015	2.39	7.99
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

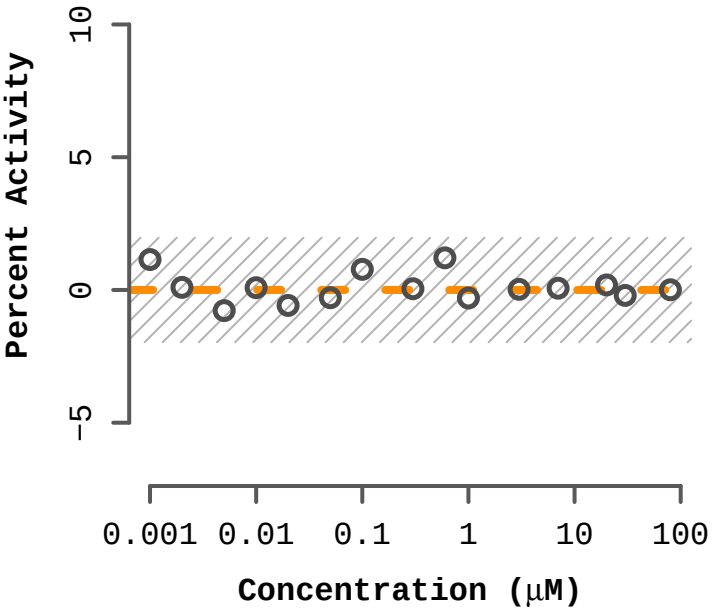
	tp	ga	gw	la	lw
val:	4.8	-2.09	8	-1.84	18
sd:	5.35	0.29	9.11	0.286	36.8

	CNST	HILL	GNLS
AIC:	60.43	66.43	62.78
PROB:	0.74	0.04	0.23
RMSE:	1.79	1.79	1.46

MAX_MEAN: 4.02

MAX_MED: 4.02

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benomyl

CHID: 23900 CASRN: 17804-35-2

SPID(S): Tox21_201234

M4ID: 11454578

HILL MODEL: Not applicable.

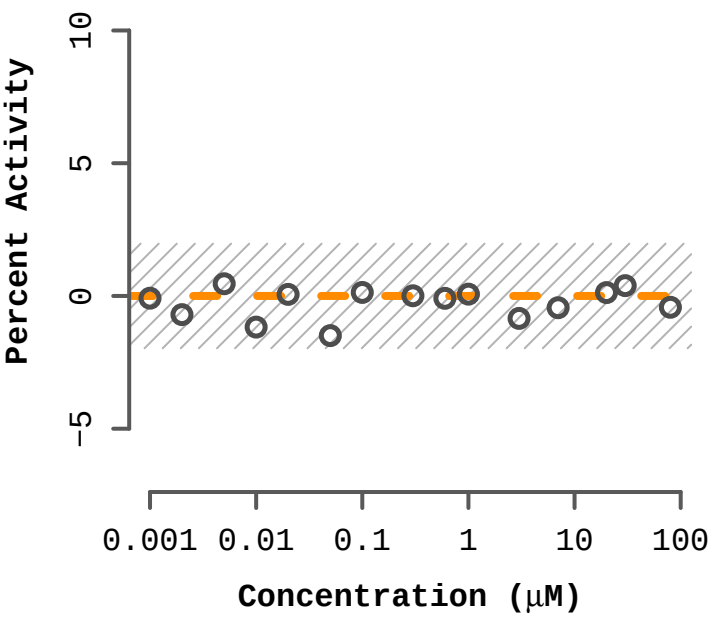
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	26.31	NA	NA
PROB:	1	NA	NA
RMSE:	0.55	NA	NA

MAX_MEAN: 1.21

MAX_MED: 1.21

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bentazone

CHID: 23901 **CASRN:** 25057-89-0

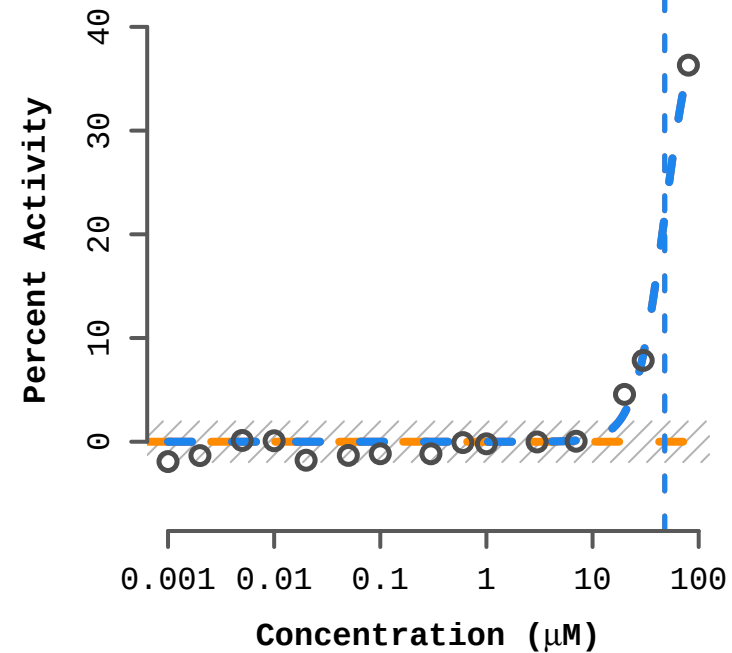
SPID(S): Tox21_201951

M4ID: 11453861

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.03	NA	NA
PROB:	1	NA	NA
RMSE:	0.61	NA	NA
MAX_MEAN: 0.462		MAX_MED: 0.462	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benz(a)anthracene

CHID: 23902 CASRN: 56-55-3

SPID(S): Tox21_202060

M4ID: 11453752

HILL MODEL (in red):

	tp	ga	gw
val:	43.6	1.68	3.08
sd:	4.15	0.0464	0.492

GAIN-LOSS MODEL (in blue):

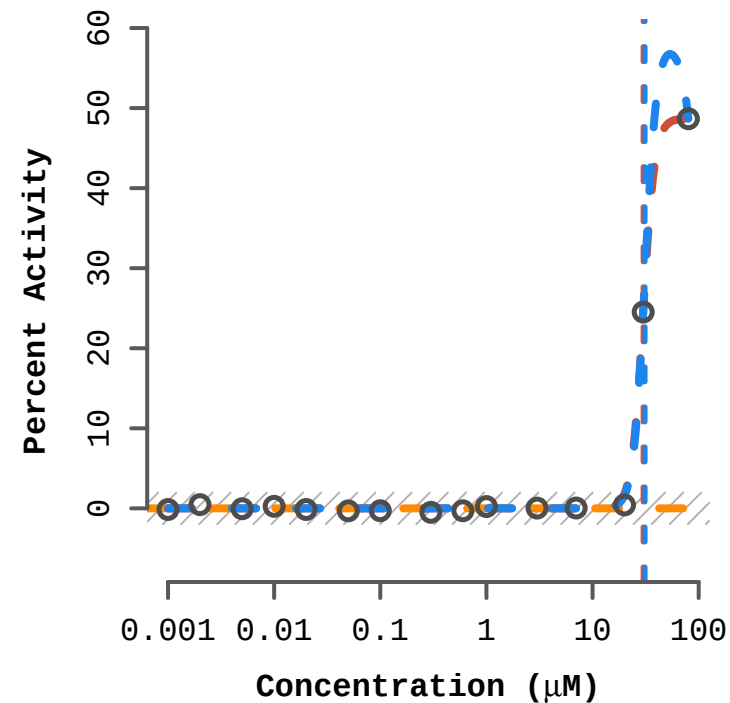
	tp	ga	gw	la	lw
val:	43.6	1.68	3.08	2.79	18
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	90.19	53.2	57.2
PROB:	0	0.88	0.12
RMSE:	9.71	1.05	1.05

MAX_MEAN: 36.3

MAX_MED: 36.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzo(b)fluoranthene

CHID: 23907 CASRN: 205-99-2

SPID(S): Tox21_202381

M4ID: 11453431

HILL MODEL (in red):

	tp	ga	gw
val:	48.7	1.48	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

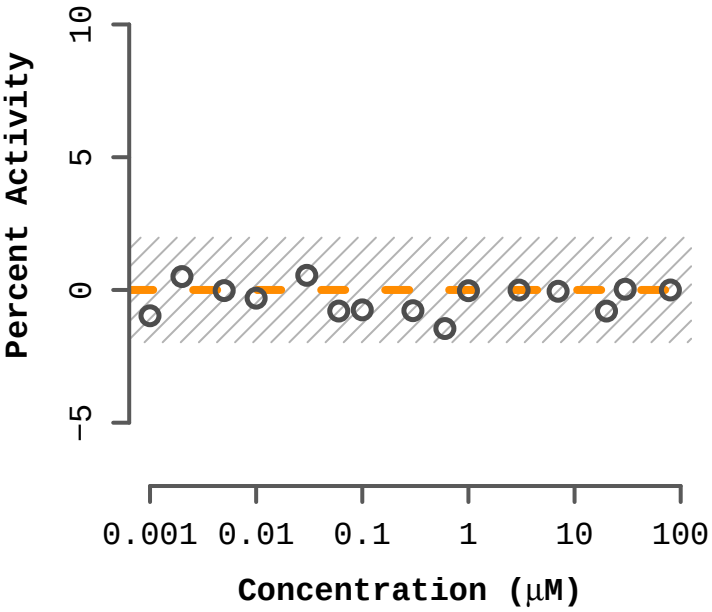
	tp	ga	gw	la	lw
val:	58.4	1.49	8	2.01	6.34
sd:	0.359	0.0035	0.468	0.00537	0.129

	CNST	HILL	GNLS
AIC:	86.5	20.96	23.31
PROB:	0	0.76	0.24
RMSE:	14.07	0.44	0.39

MAX_MEAN: 48.7

MAX_MED: 48.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

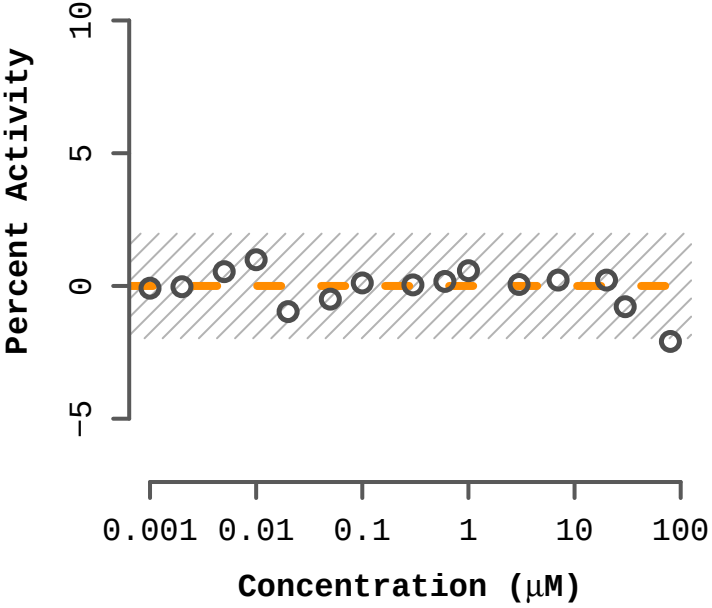
NAME: p-Bromodiphenyl ether
CHID: 23927 CASRN: 101-55-3
SPID(S): Tox21_201269
M4ID: 11454543

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.99	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 0.552 MAX_MED: 0.552 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bromotrichloromethane

CHID: 23930 CASRN: 75-62-7

SPID(S): Tox21_202292

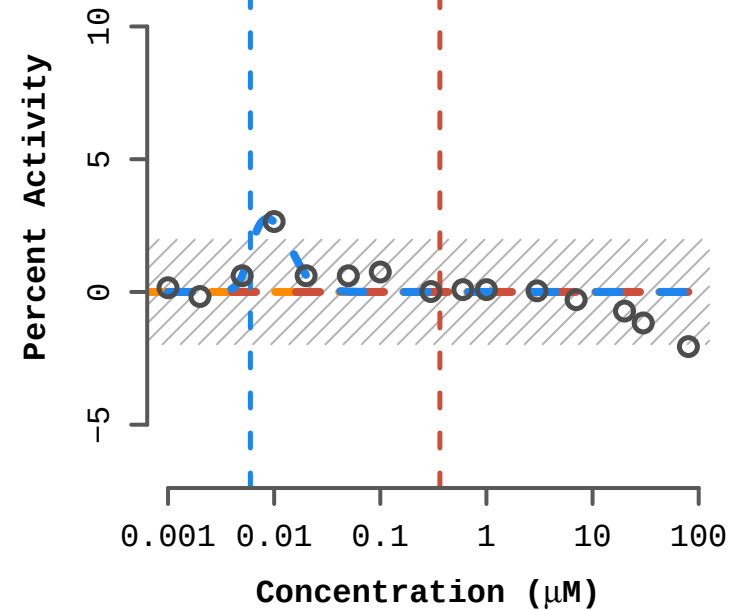
M4ID: 11453520

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.66	NA	NA
PROB:	1	NA	NA
RMSE:	0.73	NA	NA

MAX_MEAN: 0.989 MAX_MED: 0.989 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Butylphthalyl butylglycolate

CHID: 23938 CASRN: 85-70-1

SPID(S): Tox21_202314

M4ID: 11453498

HILL MODEL (in red):

	tp	ga	gw
val:	1.94e-11	-0.438	1.92
sd:	8.76e-06	34500	192000

GAIN-LOSS MODEL (in blue):

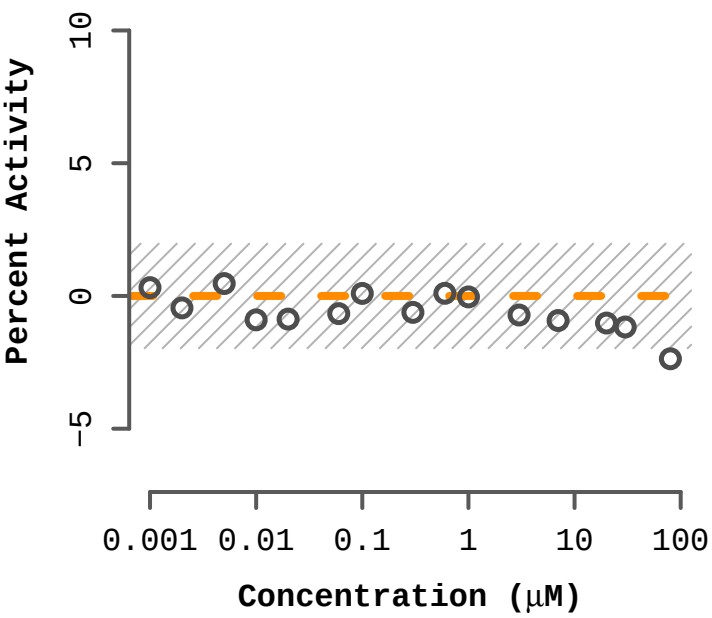
	tp	ga	gw	la	lw
val:	3.18	-2.22	8	-1.84	4.42
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	42.15	48.15	39.29
PROB:	0.19	0.01	0.8
RMSE:	1	1	0.69

MAX_MEAN: 2.65

MAX_MED: 2.65

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carbosulfan

CHID: 23950 CASRN: 55285-14-8

SPID(S): Tox21_202336

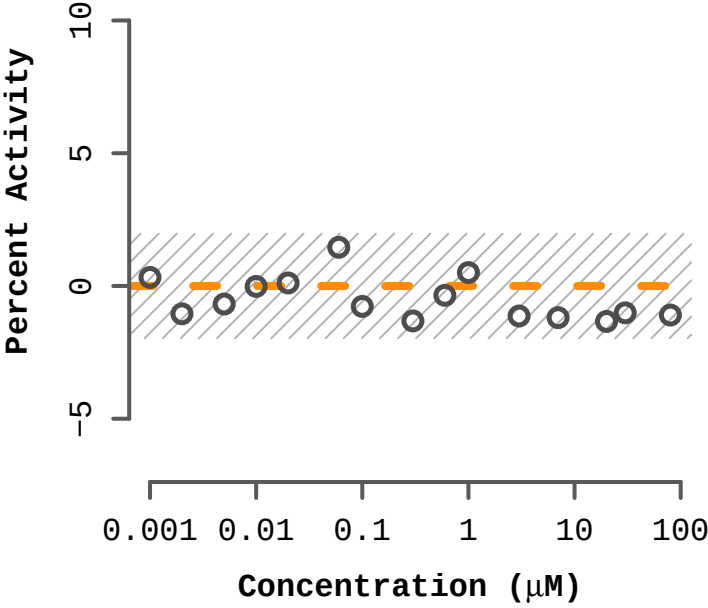
M4ID: 11453476

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.74	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA

MAX_MEAN: 0.469	MAX_MED: 0.469	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carboxin

CHID: 23951 **CASRN:** 5234-68-4

SPID(S): Tox21_201988

M4ID: 11453824

HILL MODEL: Not applicable.

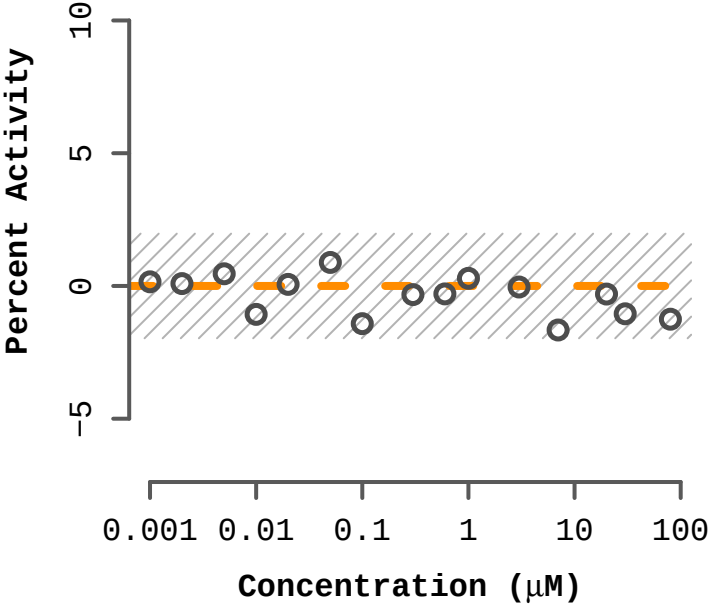
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.24	NA	NA
PROB:	1	NA	NA
RMSE:	0.94	NA	NA

MAX_MEAN: 1.46

MAX_MED: 1.46

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chlorophenyl methyl sulfide

CHID: 23973 CASRN: 123-09-1

SPID(S): Tox21_202358

M4ID: 11453454

HILL MODEL: Not applicable.

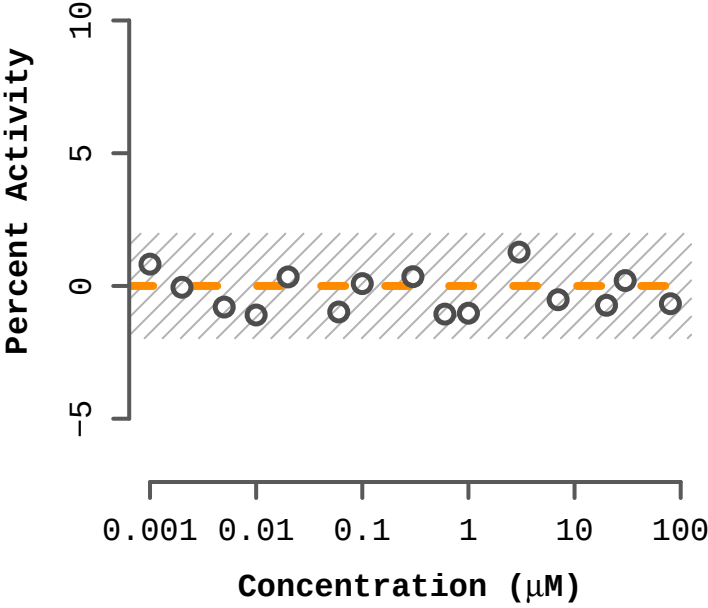
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.28	NA	NA
PROB:	1	NA	NA
RMSE:	0.82	NA	NA

MAX_MEAN: 0.888

MAX_MED: 0.888

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chlorophenyl methyl sulfone

CHID: 23974 **CASRN:** 98-57-7

SPID(S): Tox21_201867

M4ID: 11453945

HILL MODEL: Not applicable.

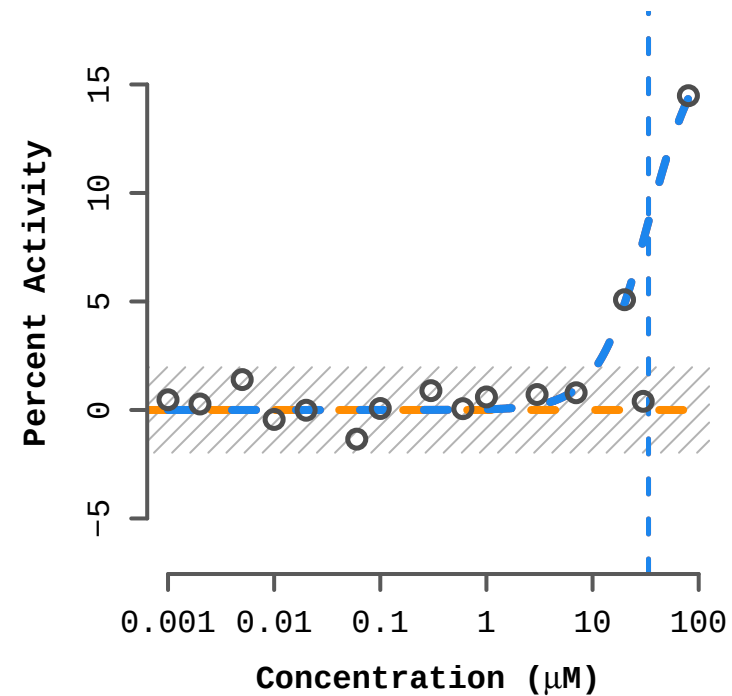
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.98	NA	NA
PROB:	1	NA	NA
RMSE:	0.77	NA	NA

MAX_MEAN: 1.28

MAX_MED: 1.28

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Chlorotoluene

CHID: 23977 CASRN: 95-49-8

SPID(S): Tox21_201251

M4ID: 11454561

HILL MODEL (in red):

	tp	ga	gw
val:	17.4	1.53	1.8
sd:	3.11	0.137	0.517

GAIN-LOSS MODEL (in blue):

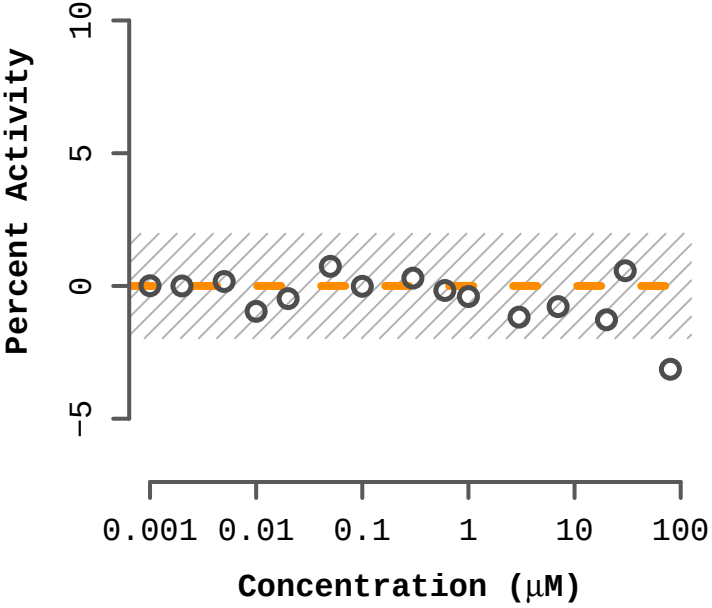
	tp	ga	gw	la	lw
val:	17.4	1.53	1.8	3.15	6.05
sd:	3.1	0.136	0.516	530	2580

	CNST	HILL	GNLS
AIC:	68.66	54.63	58.63
PROB:	0	0.88	0.12
RMSE:	4.02	2.01	2.01

MAX_MEAN: 14.5

MAX_MED: 14.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyanazine

CHID: 23990 **CASRN:** 21725-46-2

SPID(S): Tox21_201619

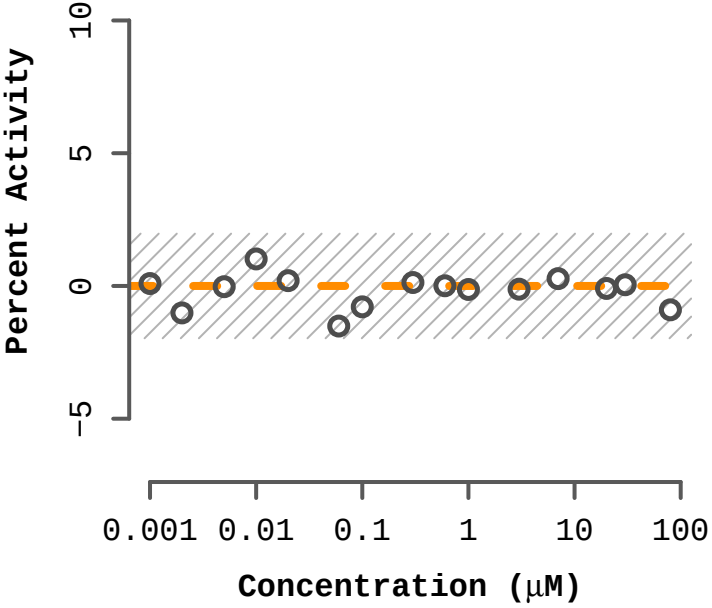
M4ID: 11454193

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.89	NA	NA
PROB:	1	NA	NA
RMSE:	1.02	NA	NA

MAX_MEAN:	0.74	MAX_MED:	0.74	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyclohexylamine

CHID: 23996 **CASRN:** 108-91-8

SPID(S): Tox21_202380

M4ID: 11453432

HILL MODEL: Not applicable.

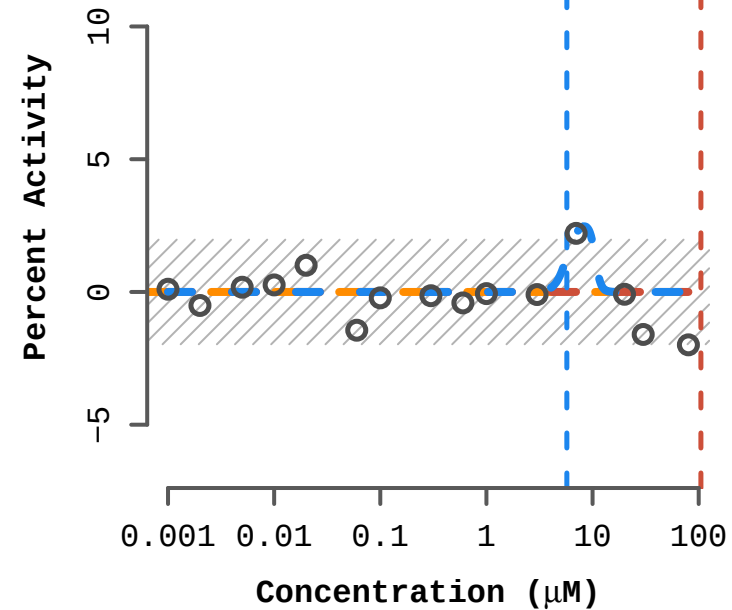
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.78	NA	NA
PROB:	1	NA	NA
RMSE:	0.63	NA	NA

MAX_MEAN: 1.02

MAX_MED: 1.02

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyromazine

CHID: 23999 CASRN: 66215-27-8

SPID(S): Tox21_201846

M4ID: 11453966

HILL MODEL (in red):

	tp	ga	gw
val:	5.57e-10	2.02	0.479
sd:	1.36e-05	17800	19400

GAIN-LOSS MODEL (in blue):

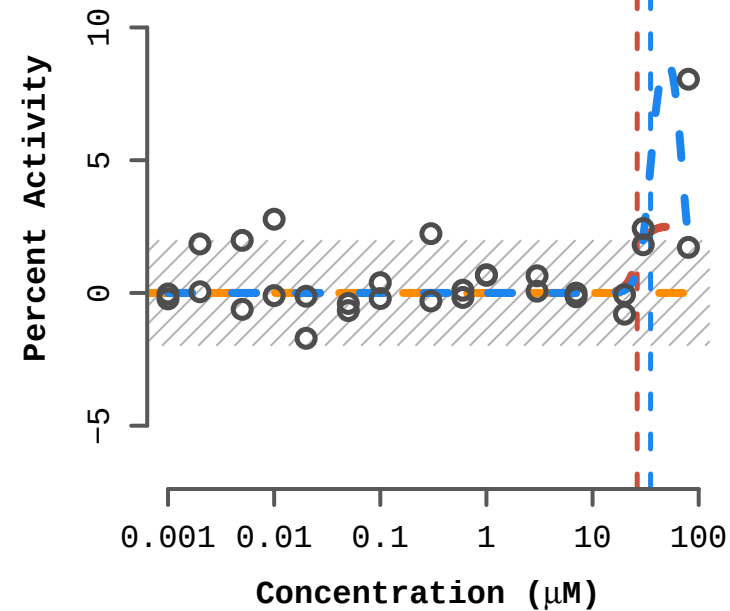
	tp	ga	gw	la	lw
val:	2.65	0.758	8	1.02	16.1
sd:	5.53	0.561	18.2	2.94	214

	CNST	HILL	GNLS
AIC:	43.89	49.89	46.92
PROB:	0.79	0.04	0.17
RMSE:	1	1	0.83

MAX_MEAN: 2.21

MAX_MED: 2.21

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorthal-dimethyl

CHID: 24000 CASRN: 1861-32-1

SPID(S): Tox21_400071

M4ID: 11453277

HILL MODEL (in red):

	tp	ga	gw
val:	2.51	1.42	8
sd:	0.807	0.0564	4.48

GAIN-LOSS MODEL (in blue):

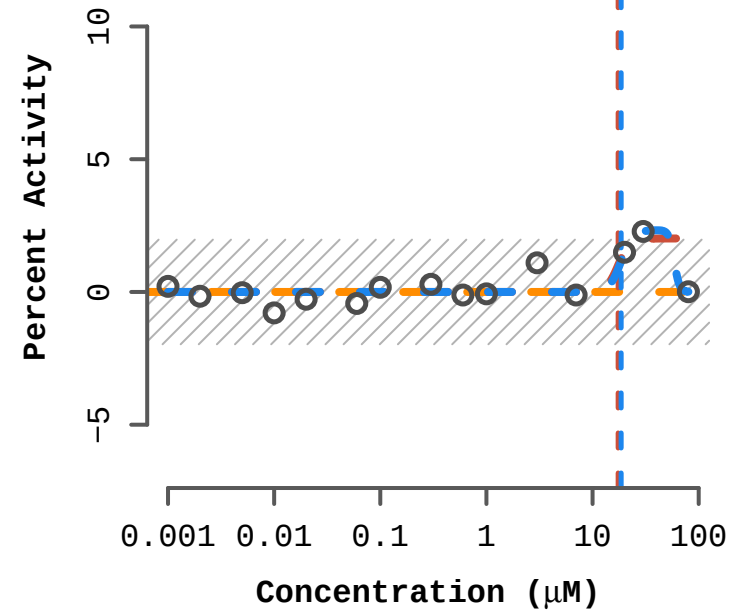
	tp	ga	gw	la	lw
val:	9.66	1.55	8	1.84	9.34
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	108.01	99.87	102.64
PROB:	0.01	0.79	0.2
RMSE:	1.86	1.4	1.45

MAX_MEAN: 4.88

MAX_MED: 4.88

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fenpropathrin

CHID: 24002 CASRN: 39515-41-8

SPID(S): Tox21_201531

M4ID: 11454281

HILL MODEL (in red):

	tp	ga	gw
val:	2.01	1.24	8
sd:	0.529	0.112	9.47

GAIN-LOSS MODEL (in blue):

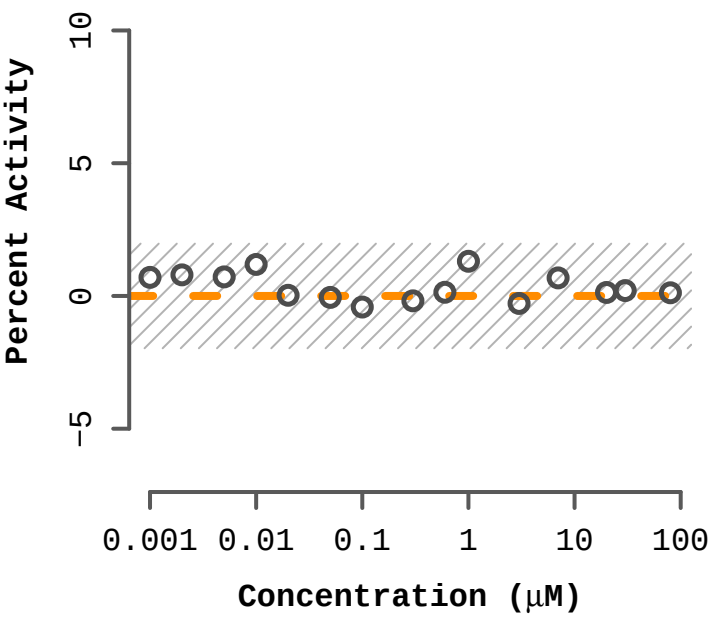
	tp	ga	gw	la	lw
val:	2.33	1.27	8	1.77	18
sd:	0.456	0.0491	17.2	0.991	153

	CNST	HILL	GNLS
AIC:	34.25	32.54	22.94
PROB:	0	0.01	0.99
RMSE:	0.81	0.65	0.39

MAX_MEAN: 2.28

MAX_MED: 2.28

BMAD: 0.657



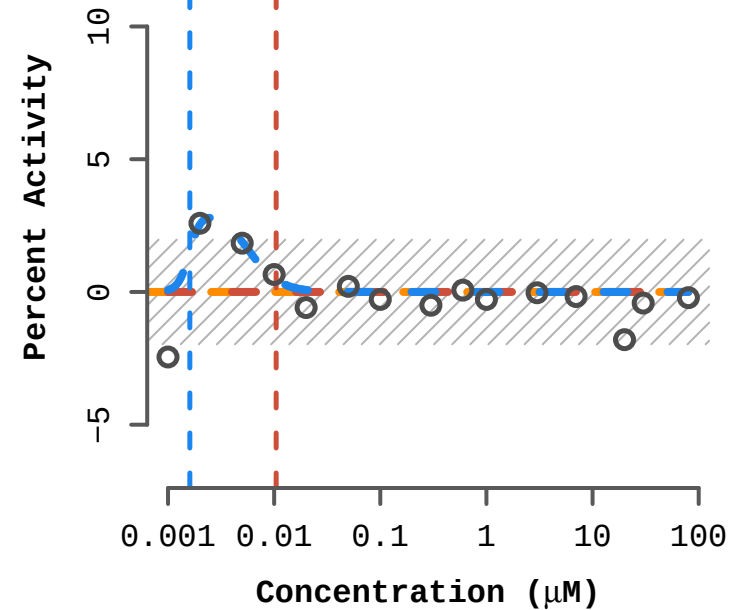
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,4-Dibromobenzene
CHID: 24012 **CASRN:** 106-37-6
SPID(S): Tox21_201288
M4ID: 11454524

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	30.28	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.61	NA	NA	
MAX_MEAN:	1.31	MAX_MED:	1.31	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Dibromodiphenyl ether

CHID: 24015 CASRN: 2050-47-7

SPID(S): Tox21_202033

M4ID: 11453779

HILL MODEL (in red):

	tp	ga	gw
val:	6.75e-11	-1.98	0.656
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

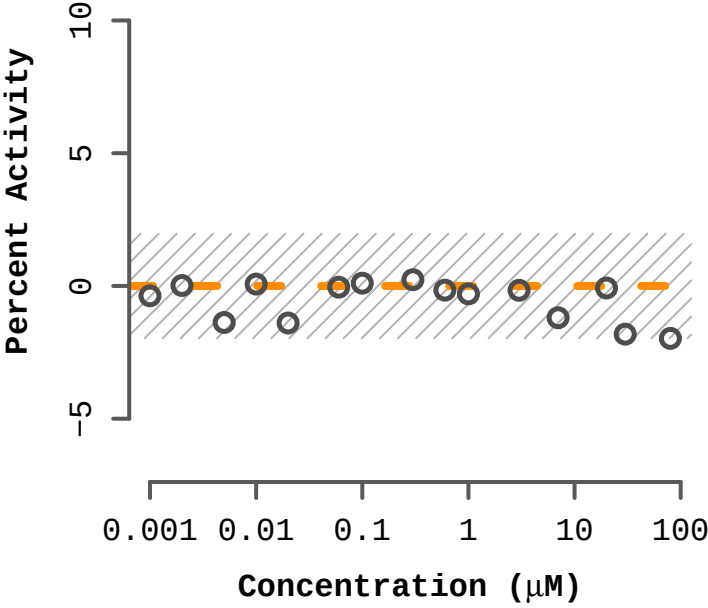
	tp	ga	gw	la	lw
val:	3.11	-2.79	8	-2.24	2.99
sd:	1.67	0.124	5.65	0.197	1.54

	CNST	HILL	GNLS
AIC:	48.22	54.22	42.61
PROB:	0.06	0	0.94
RMSE:	1.18	1.18	0.85

MAX_MEAN: 2.59

MAX_MED: 2.59

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dicamba

CHID: 24018 **CASRN:** 1918-00-9

SPID(S): Tox21_201356

M4ID: 11454456

HILL MODEL: Not applicable.

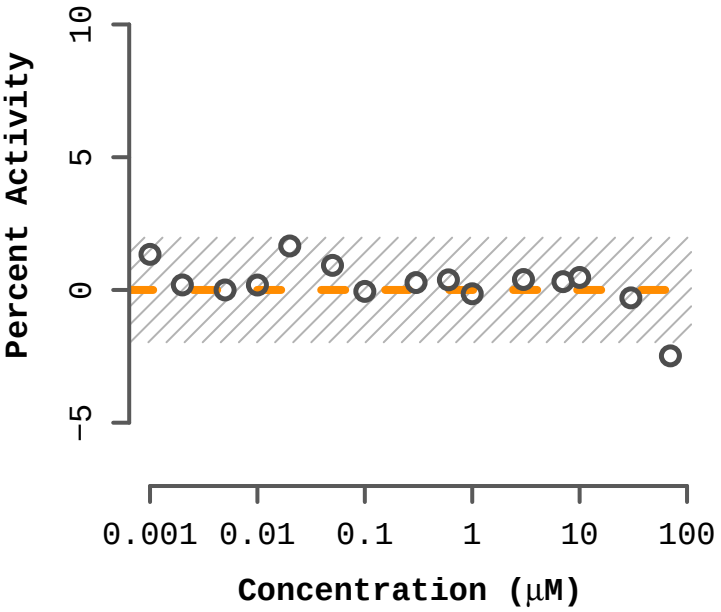
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.54	NA	NA
PROB:	1	NA	NA
RMSE:	0.92	NA	NA

MAX_MEAN: 0.237

MAX_MED: 0.237

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (E)-1,2-Dichloroethylene

CHID: 24031 CASRN: 156-60-5

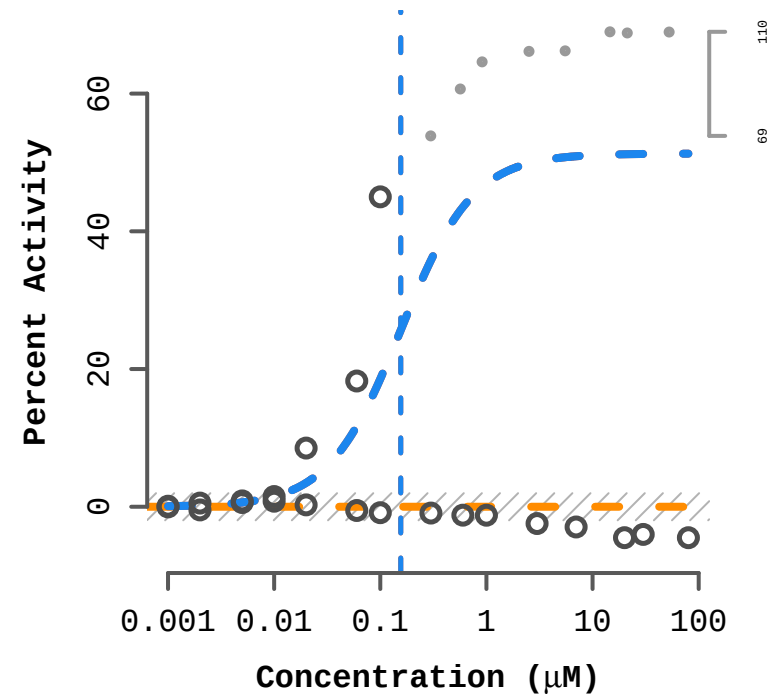
SPID(S): Tox21_202419

M4ID: 11453393

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	39.09	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.91	NA	NA	
MAX_MEAN:	1.66	MAX_MED:	1.66	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-DB

CHID: 24035 CASRN: 94-82-6

SPID(S): Tox21_400080

M4ID: 11453268 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	51.3	-0.807	1.28
sd:	28	0.737	1.92

GAIN-LOSS MODEL (in blue):

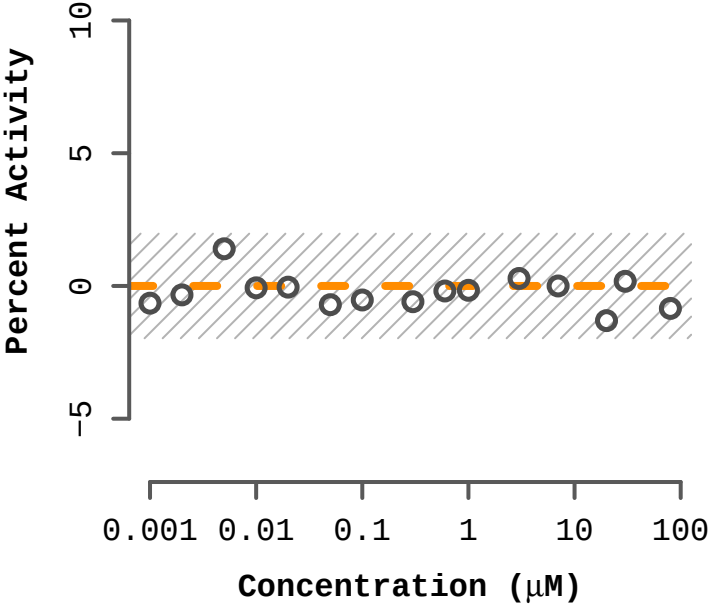
	tp	ga	gw	la	lw
val:	51.3	-0.807	1.28	3.85	6.32
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	319.57	315.02	319.02
PROB:	0.08	0.81	0.11
RMSE:	51.93	37.77	37.77

MAX_MEAN: 52.4

MAX_MED: 52.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethyl sulfate

CHID: 24045 CASRN: 64-67-5

SPID(S): Tox21_202402

M4ID: 11453410

HILL MODEL: Not applicable.

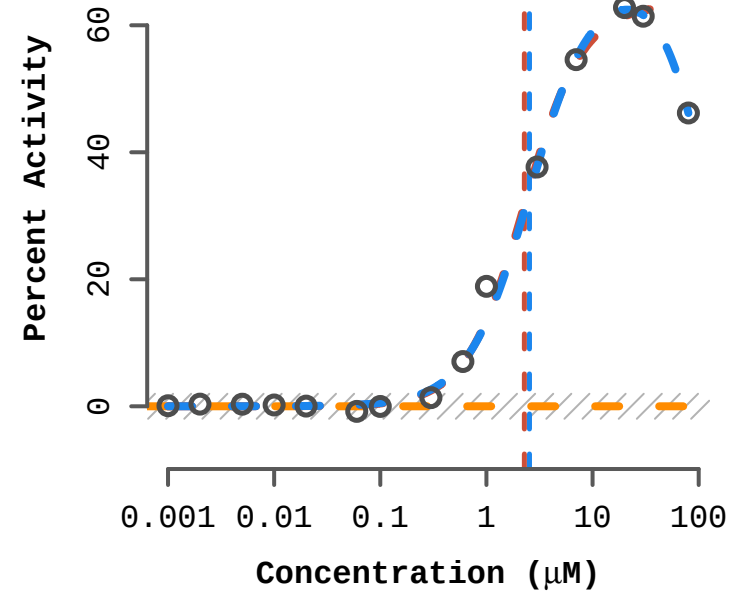
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 1.4

MAX_MED: 1.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Paraoxon

CHID: 24046 CASRN: 311-45-5

SPID(S): Tox21_202424

M4ID: 11453388

HILL MODEL (in red):

	tp	ga	gw
val:	63.4	0.358	1.58
sd:	1.16	0.0242	0.092

GAIN-LOSS MODEL (in blue):

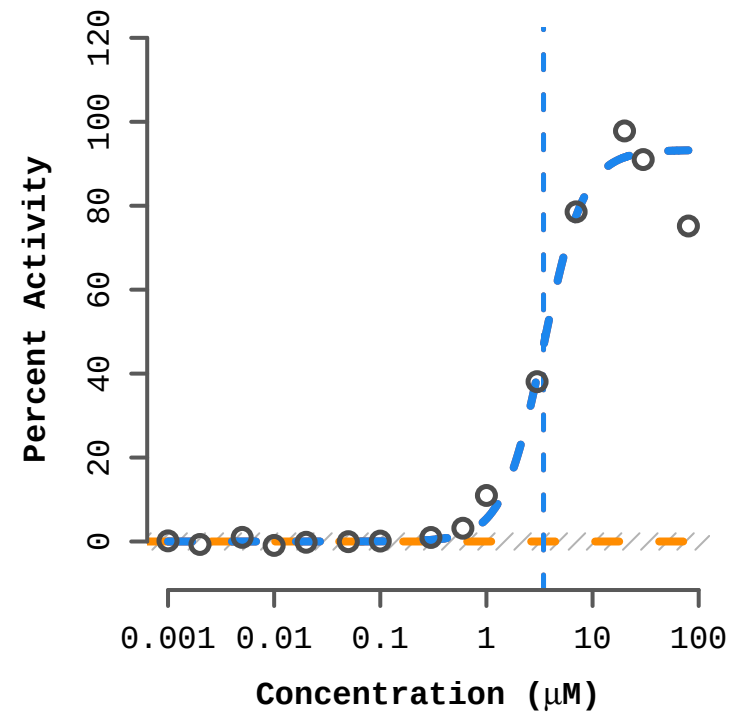
	tp	ga	gw	la	lw
val:	67.1	0.406	1.5	2.08	2
sd:	0.487	0.00822	0.0338	0.00915	0.0828

	CNST	HILL	GNLS
AIC:	147.21	76.23	50.08
PROB:	0	0	1
RMSE:	31.26	4.63	1.52

MAX_MEAN: 62.8

MAX_MED: 62.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Difenzoquat metilsulfate

CHID: 24048 CASRN: 43222-48-6

SPID(S): Tox21_201486

M4ID: 11454326

HILL MODEL (in red):

	tp	ga	gw
val:	93.3	0.538	2.25
sd:	2.8	0.0193	0.298

GAIN-LOSS MODEL (in blue):

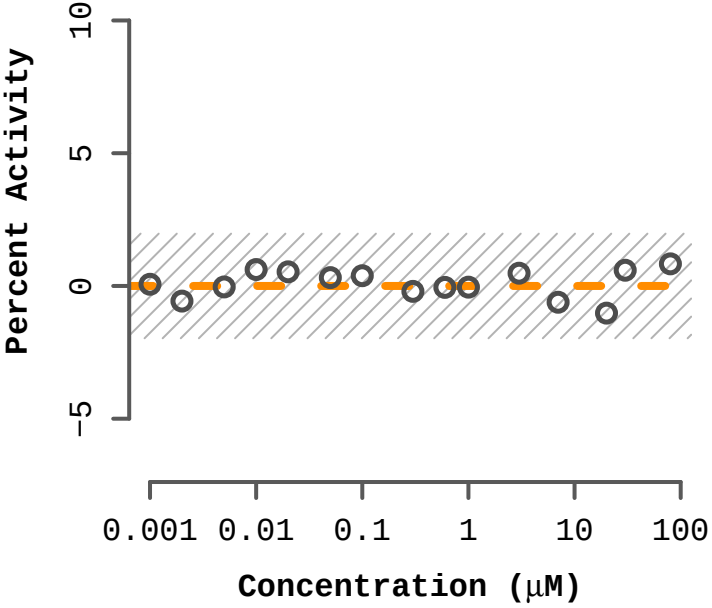
	tp	ga	gw	la	lw
val:	93.3	0.538	2.25	3.7	7.95
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	158.83	88.01	92.01
PROB:	0	0.88	0.12
RMSE:	45.65	5.2	5.2

MAX_MEAN: 97.8

MAX_MED: 97.8

BMAD: 0.657



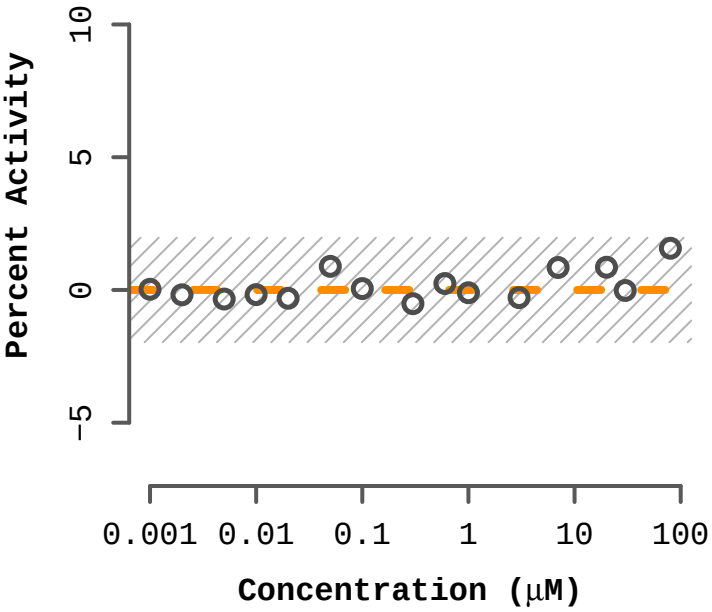
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: DiFlubenzuron
CHID: 24049 CASRN: 35367-38-5
SPID(S): Tox21_201969
M4ID: 11453843

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	26.54	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.52	NA	NA	
MAX_MEAN:	0.834	MAX_MED:	0.834	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diisopropyl methylphosphonate

CHID: 24051 CASRN: 1445-75-6

SPID(S): Tox21_201712

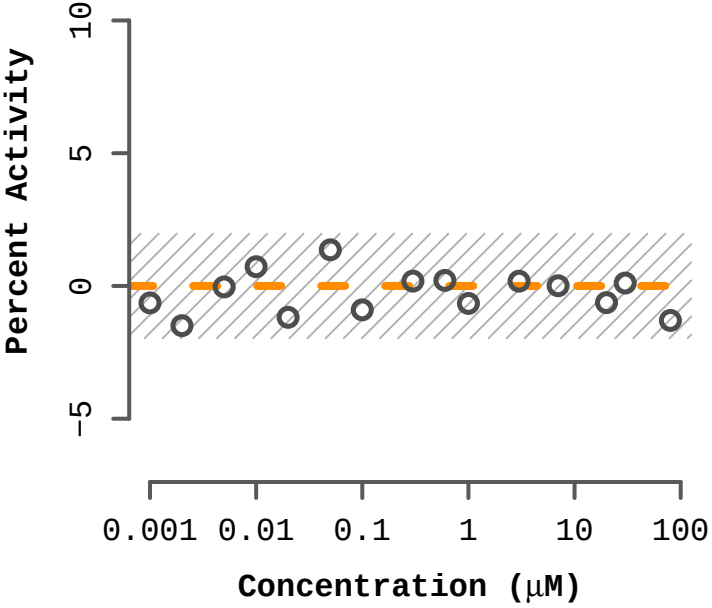
M4ID: 11454100

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.24	NA	NA
PROB:	1	NA	NA
RMSE:	0.6	NA	NA

MAX_MEAN:	1.57	MAX_MED:	1.57	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethipin

CHID: 24052 **CASRN:** 55290-64-7

SPID(S): Tox21_201644

M4ID: 11454168

HILL MODEL: Not applicable.

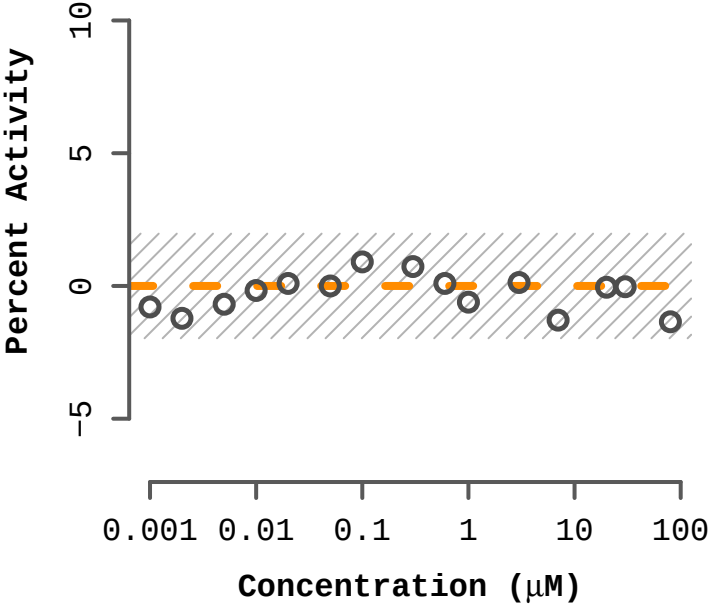
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.73	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA

MAX_MEAN: 1.36

MAX_MED: 1.36

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

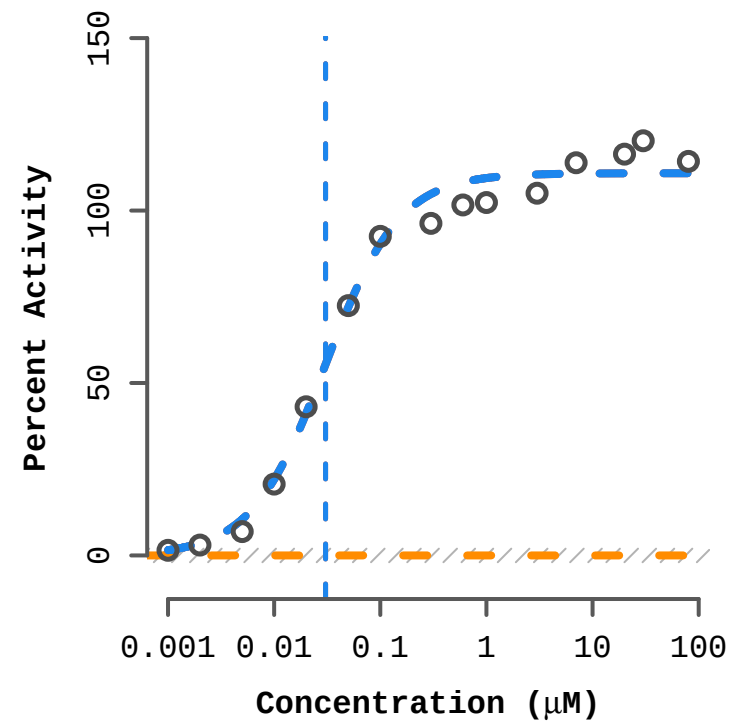
NAME: Dimethyl sulfate
CHID: 24055 CASRN: 77-78-1
SPID(S): Tox21_202032
M4ID: 11453780

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.99	NA	NA
PROB:	1	NA	NA
RMSE:	0.72	NA	NA

MAX_MEAN: 0.908 MAX_MED: 0.908 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3'-Dimethylbenzidine
CHID: 24059 CASRN: 119-93-7
SPID(S): Tox21_201292
M4ID: 11454520

HILL MODEL (in red):

	tp	ga	gw
val:	111	-1.52	1.25
sd:	2.79	0.0397	0.129

GAIN-LOSS MODEL (in blue):

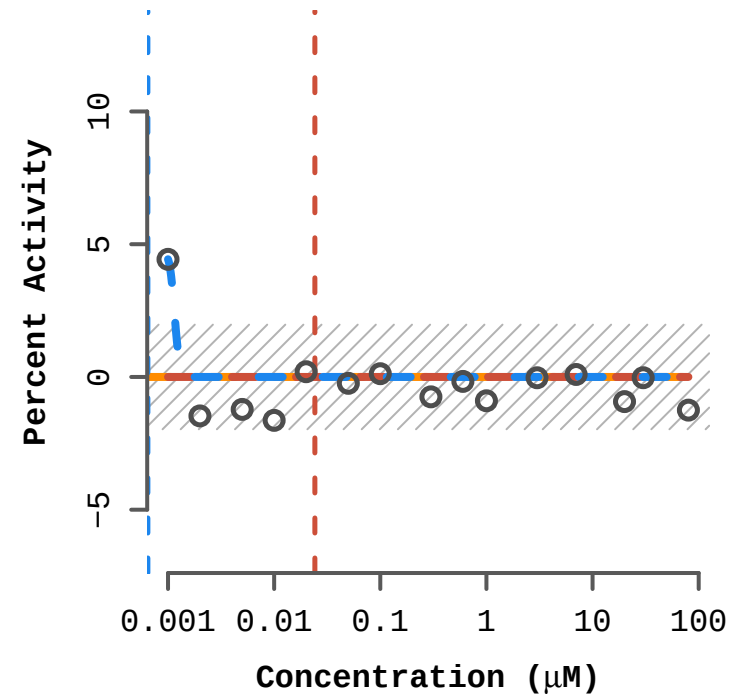
	tp	ga	gw	la	lw
val:	111	-1.52	1.25	3.36	15.4
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	180.92	99.77	103.77
PROB:	0	0.88	0.12
RMSE:	86.13	4.91	4.91

MAX_MEAN: 120

MAX_MED: 120

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,4-Dimethylphenol

CHID: 24062 CASRN: 95-65-8

SPID(S): Tox21_201523

M4ID: 11454289

HILL MODEL (in red):

	tp	ga	gw
val:	2.71e-11	-1.62	0.412
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

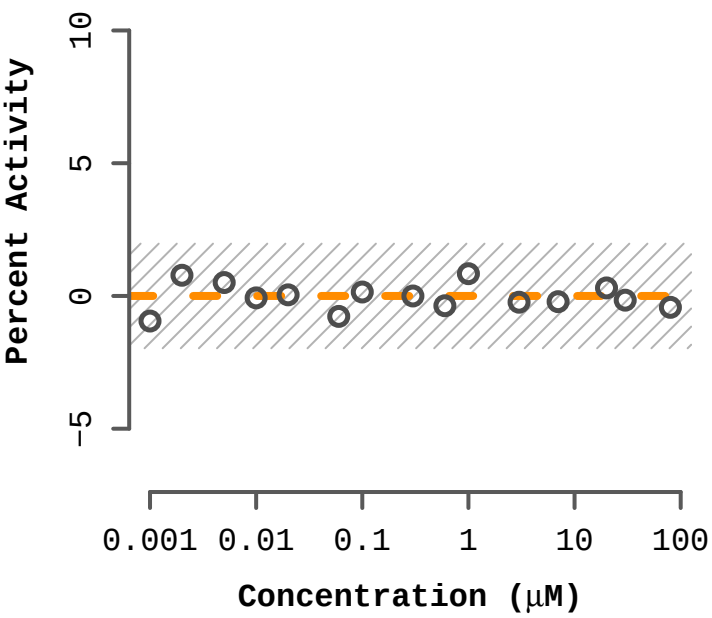
	tp	ga	gw	la	lw
val:	4.94	-3.19	7.98	-2.94	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	50.74	56.74	49.61
PROB:	0.36	0.02	0.63
RMSE:	1.41	1.41	0.83

MAX_MEAN: 4.43

MAX_MED: 4.43

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

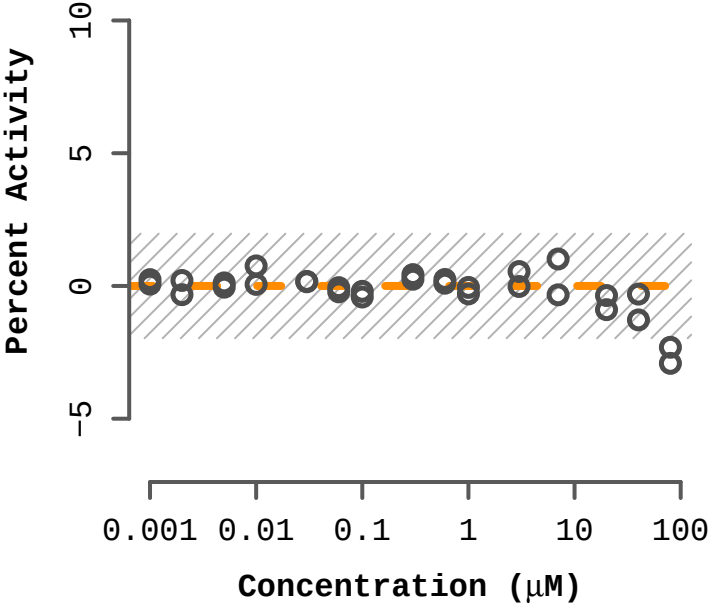
NAME: 2,6-Dimethylphenol
CHID: 24063 CASRN: 576-26-1
SPID(S): Tox21_201274
M4ID: 11454538

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.36	NA	NA
PROB:	1	NA	NA
RMSE:	0.49	NA	NA

MAX_MEAN: 0.841 MAX_MED: 0.841 BMAD: 0.657



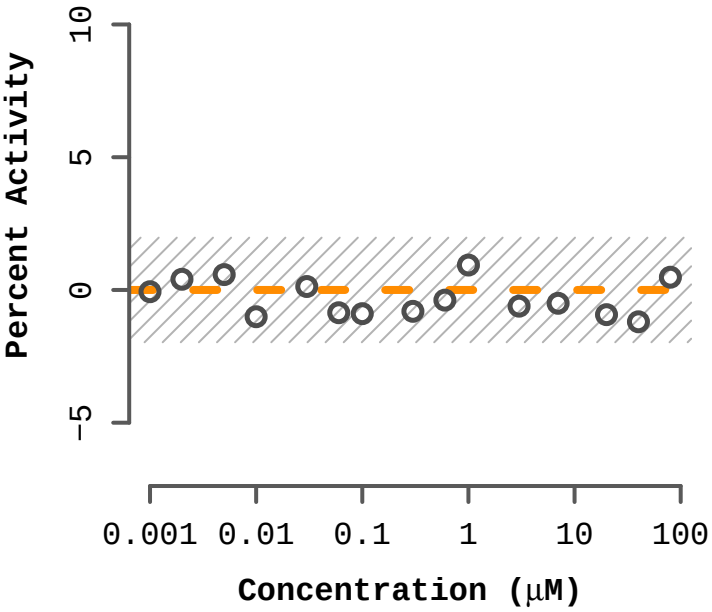
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Dinitrobenzene
CHID: 24065 CASRN: 99-65-0
SPID(S): Tox21_400032
M4ID: 11453316

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	59.93	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA
MAX_MEAN:	0.408	MAX_MED: 0.408	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

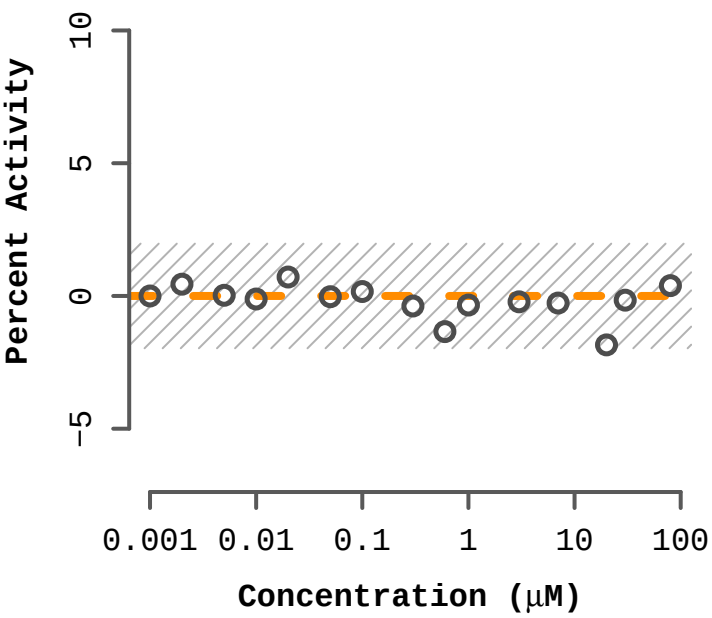
NAME: 1,2-Dinitrobenzene
CHID: 24066 CASRN: 528-29-0
SPID(S): Tox21_201580
M4ID: 11454232

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.57	NA	NA
PROB:	1	NA	NA
RMSE:	0.73	NA	NA

MAX_MEAN: 0.939 MAX_MED: 0.939 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diphenamid

CHID: 24072 **CASRN:** 957-51-7

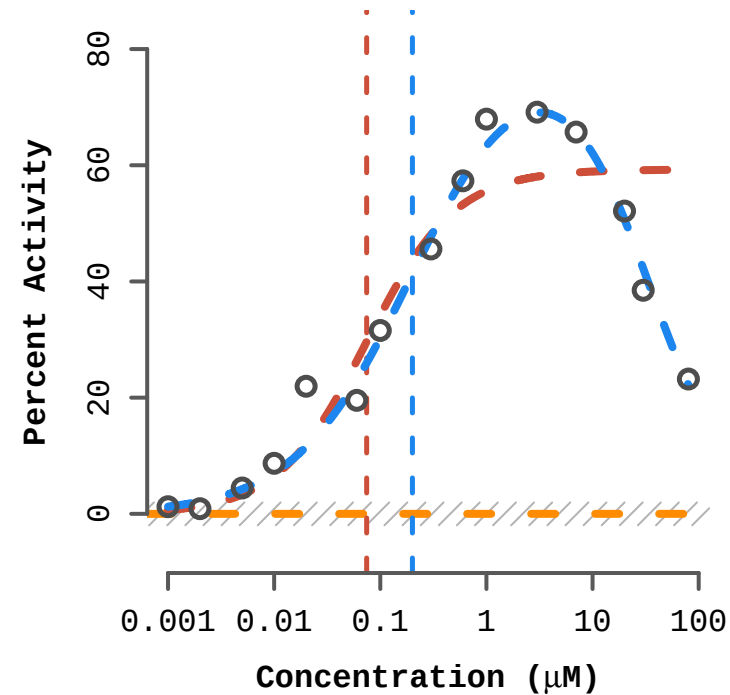
SPID(S): Tox21_201282

M4ID: 11454530

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.41	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA
MAX_MEAN:	0.715	MAX_MED:	0.715
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Endothal

CHID: 24081 CASRN: 145-73-3

SPID(S): Tox21_202446

M4ID: 11453366

HILL MODEL (in red):

	tp	ga	gw
val:	59.3	-1.13	1.04
sd:	5.94	0.189	0.299

GAIN-LOSS MODEL (in blue):

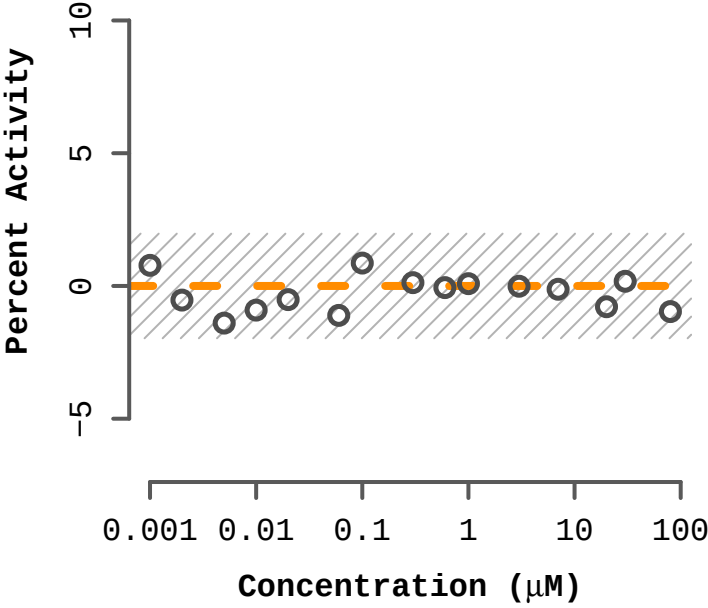
	tp	ga	gw	la	lw
val:	83	-0.697	0.791	1.51	1.09
sd:	6.14	0.0993	0.0756	0.0712	0.134

	CNST	HILL	GNLS
AIC:	158.18	122.93	86.62
PROB:	0	0	1
RMSE:	41.45	12.33	3.37

MAX_MEAN: 69.1

MAX_MED: 69.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethephon

CHID: 24085 **CASRN:** 16672-87-0

SPID(S): Tox21_202118

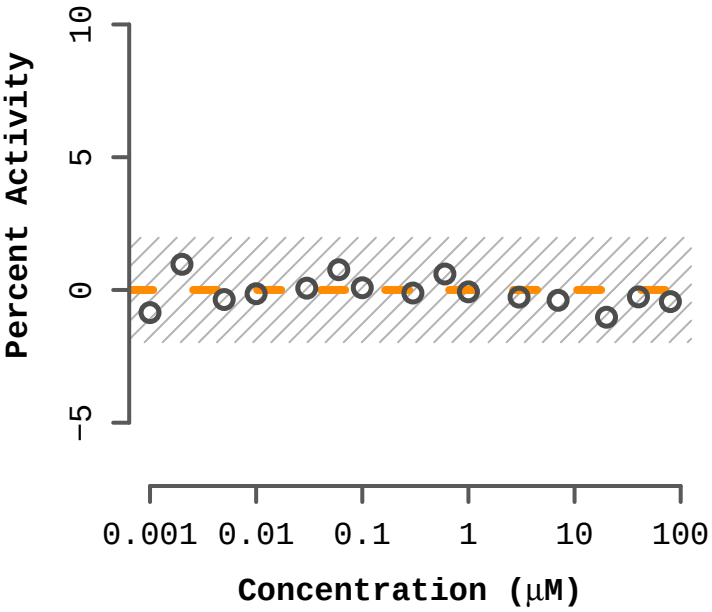
M4ID: 11453694

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.8	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN:	0.863	MAX_MED:	0.863	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethoxyethanol

CHID: 24087 **CASRN:** 110-80-5

SPID(S): Tox21_201697

M4ID: 11454115

HILL MODEL: Not applicable.

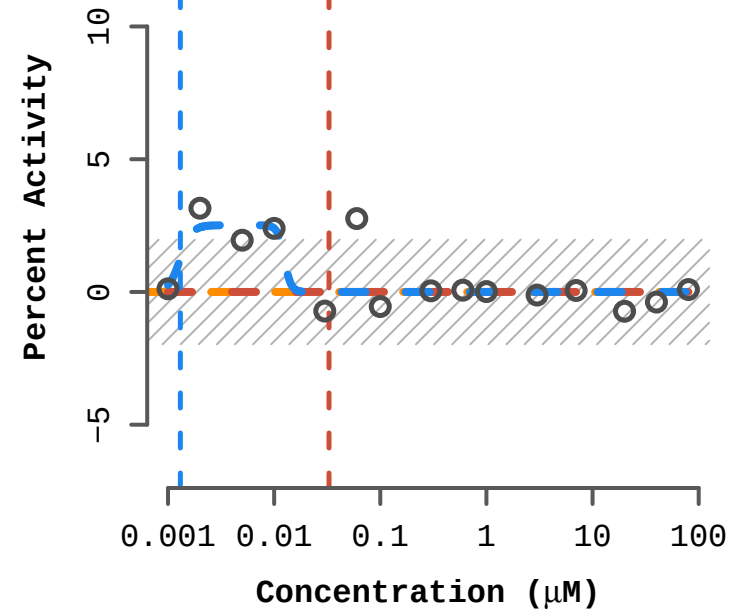
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	27.02	NA	NA
PROB:	1	NA	NA
RMSE:	0.54	NA	NA

MAX_MEAN: 0.967

MAX_MED: 0.967

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: EPTC

CHID: 24091 CASRN: 759-94-4

SPID(S): Tox21_201962

M4ID: 11453850

HILL MODEL (in red):

	tp	ga	gw
val:	8.13e-11	-1.48	2.19
sd:	7.5e-05	77000	221000

GAIN-LOSS MODEL (in blue):

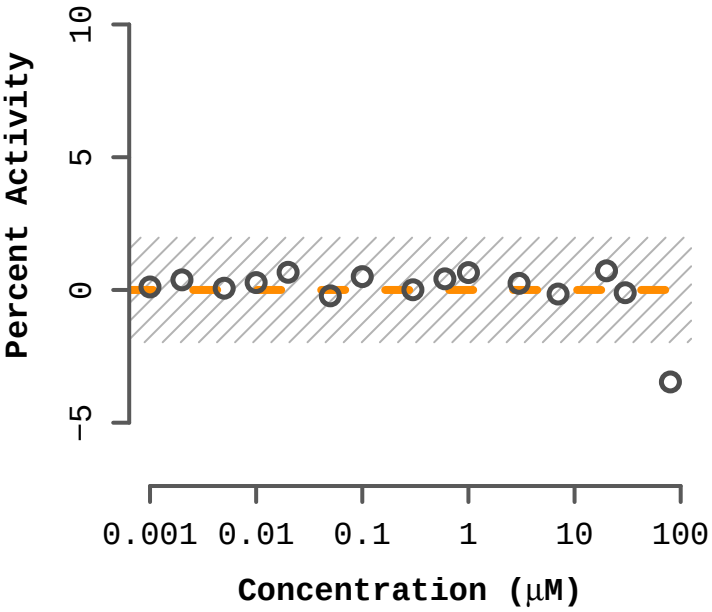
	tp	ga	gw	la	lw
val:	2.51	-2.88	8	-1.9	13.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	52.54	58.54	40.98
PROB:	0	0	1
RMSE:	1.38	1.38	0.82

MAX_MEAN: 3.15

MAX_MED: 3.15

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Butoxyethanol

CHID: 24097 CASRN: 111-76-2

SPID(S): Tox21_202399

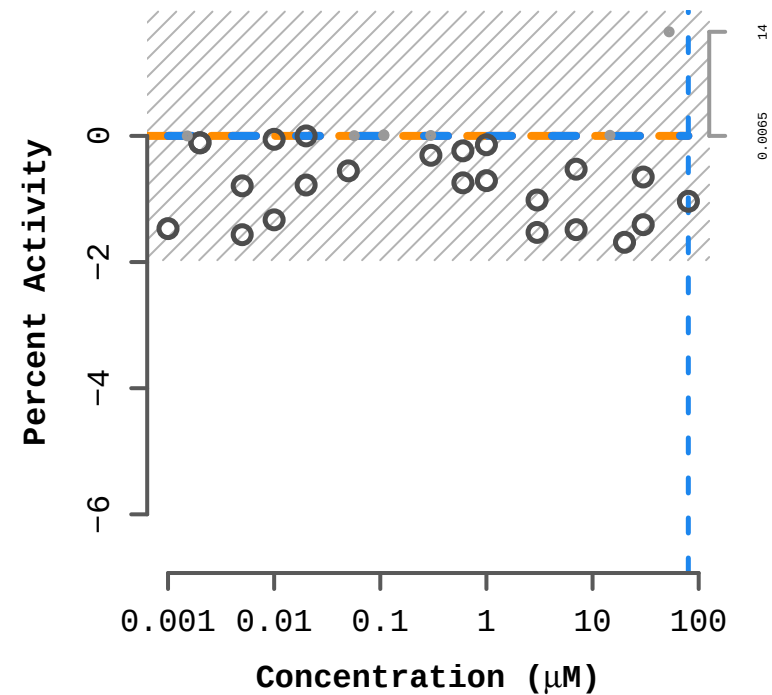
M4ID: 11453413

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.67	NA	NA
PROB:	1	NA	NA
RMSE:	0.97	NA	NA

MAX_MEAN: 0.723 MAX_MED: 0.723 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fenamiphos

CHID: 24102 CASRN: 22224-92-6

SPID(S): Tox21_400081

M4ID: 11453267 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	0.000325	2.4	7.99
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

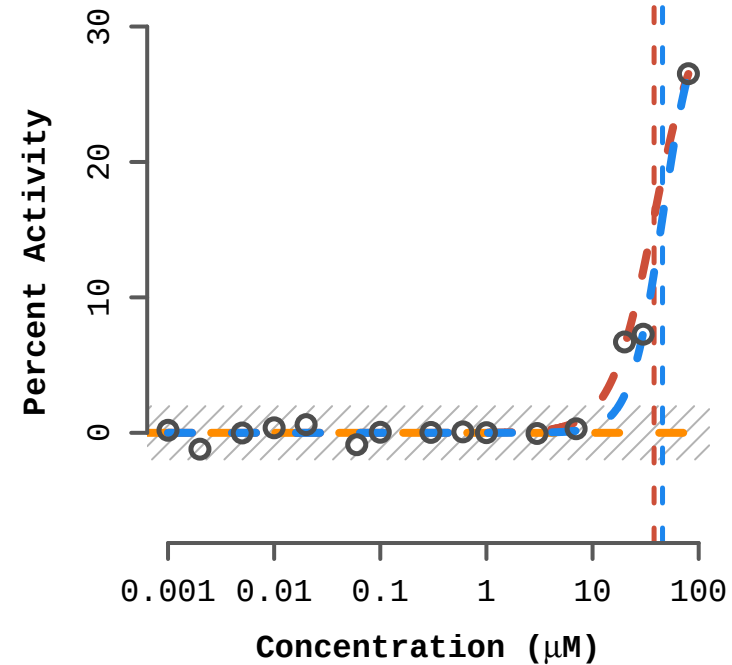
	tp	ga	gw	la	lw
val:	5.01e-11	1.9	7.98	2.66	9.37
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	100.97	106.97	110.97
PROB:	0.95	0.05	0.01
RMSE:	2.69	2.69	2.69

MAX_MEAN: 6.47

MAX_MED: 6.47

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fluoranthene

CHID: 24104 CASRN: 206-44-0

SPID(S): Tox21_201835

M4ID: 11453977

HILL MODEL (in red):

	tp	ga	gw
val:	31.8	1.58	2.15
sd:	3.97	0.0926	0.399

GAIN-LOSS MODEL (in blue):

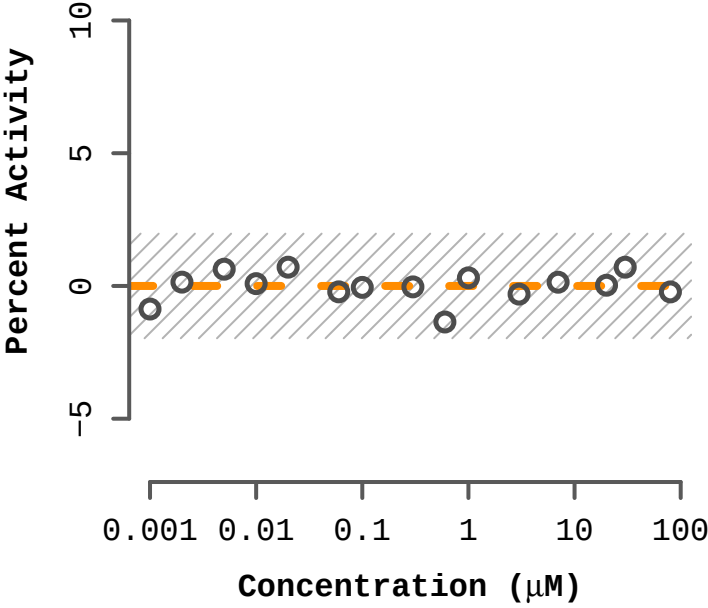
	tp	ga	gw	la	lw
val:	31.8	1.66	2.85	3.9	4.26
sd:	0.756	0.0133	0.13	1890	4040

	CNST	HILL	GNLS
AIC:	85.57	43.72	43.83
PROB:	0	0.51	0.49
RMSE:	7.32	1.29	1.11

MAX_MEAN: 26.5

MAX_MED: 26.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fluorene

CHID: 24105 CASRN: 86-73-7

SPID(S): Tox21_202140

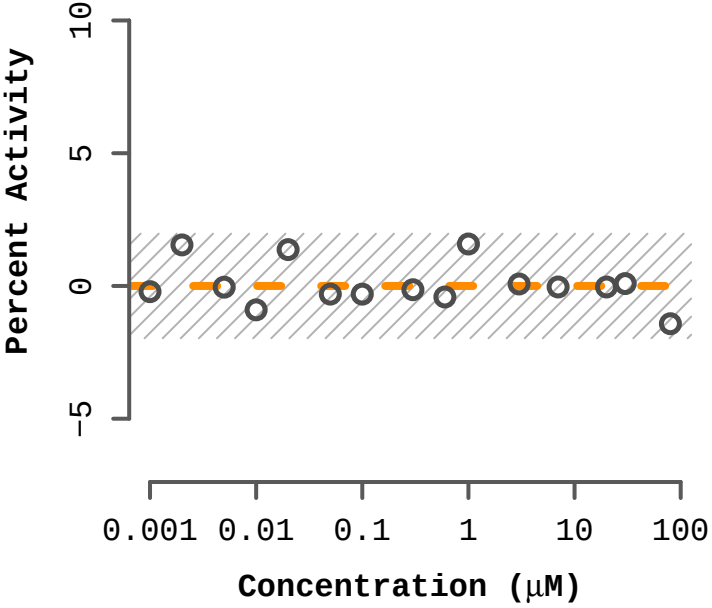
M4ID: 11453672

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.33	NA	NA
PROB:	1	NA	NA
RMSE:	0.54	NA	NA

MAX_MEAN: 0.708 MAX_MED: 0.708 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fluridone

CHID: 24107 **CASRN:** 59756-60-4

SPID(S): Tox21_202162

M4ID: 11453650

HILL MODEL: Not applicable.

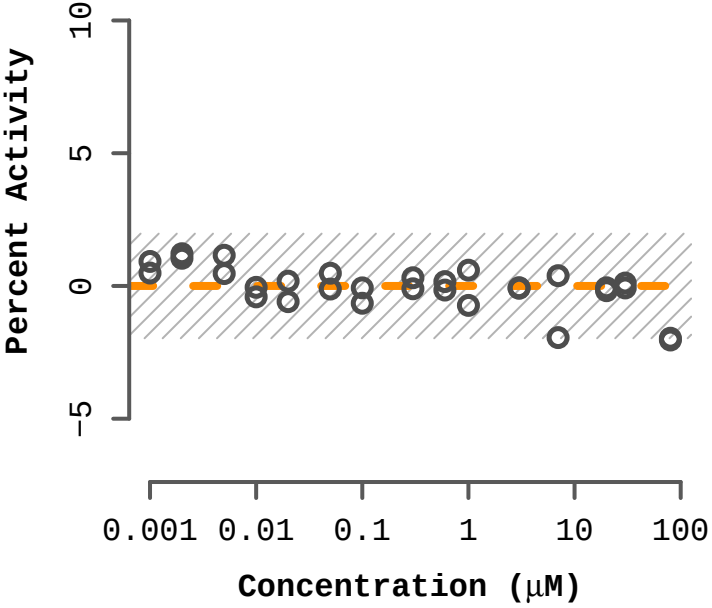
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.29	NA	NA
PROB:	1	NA	NA
RMSE:	0.82	NA	NA

MAX_MEAN: 1.58

MAX_MED: 1.58

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Flutolanil

CHID: 24109 **CASRN:** 66332-96-5

SPID(S): Tox21_400085

M4ID: 11453263

HILL MODEL: Not applicable.

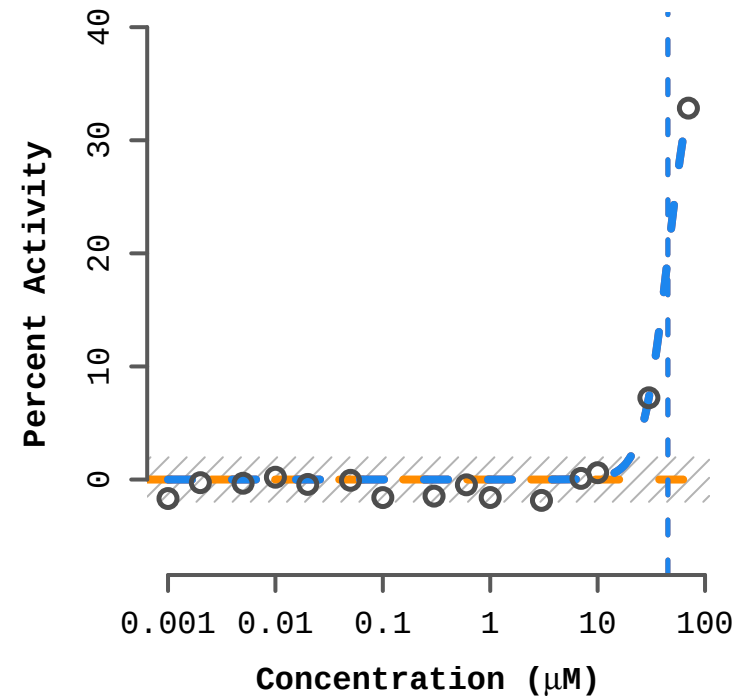
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	71.08	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA

MAX_MEAN: 1.13

MAX_MED: 1.13

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fomesafen

CHID: 24112 CASRN: 72178-02-0

SPID(S): Tox21_201395

M4ID: 11454417

HILL MODEL (in red):

	tp	ga	gw
val:	39.4	1.65	3.65
sd:	2.27	0.025	0.355

GAIN-LOSS MODEL (in blue):

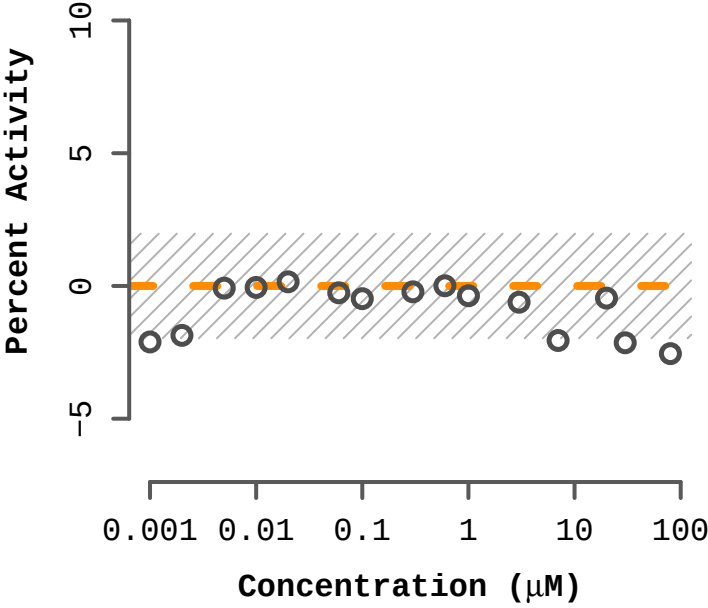
	tp	ga	gw	la	lw
val:	39.4	1.65	3.65	3.84	4.24
sd:	2.27	0.025	0.355	5280	11200

	CNST	HILL	GNLS
AIC:	84.18	50.08	54.08
PROB:	0	0.88	0.12
RMSE:	8.74	0.97	0.97

MAX_MEAN: 32.8

MAX_MED: 32.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Haloxyfop-methyl

CHID: 24123 CASRN: 69806-40-2

SPID(S): Tox21_201797

M4ID: 11454015

HILL MODEL: Not applicable.

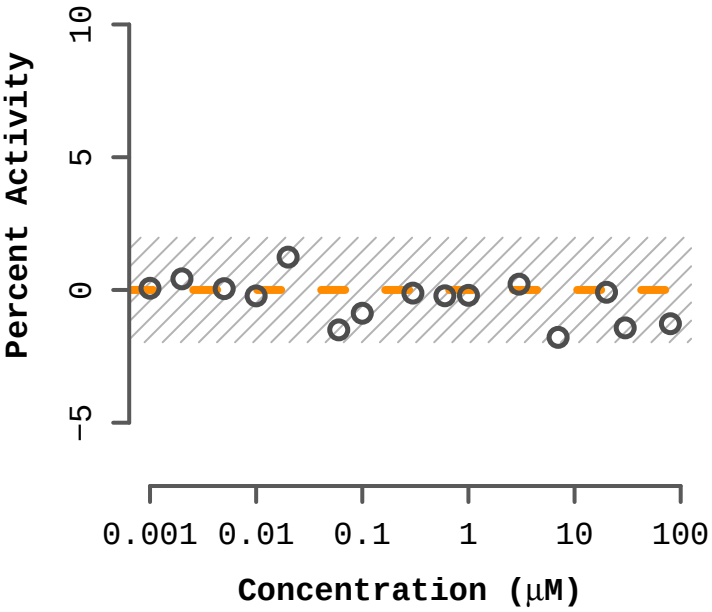
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51.82	NA	NA
PROB:	1	NA	NA
RMSE:	1.27	NA	NA

MAX_MEAN: 0.157

MAX_MED: 0.157

BMAD: 0.657



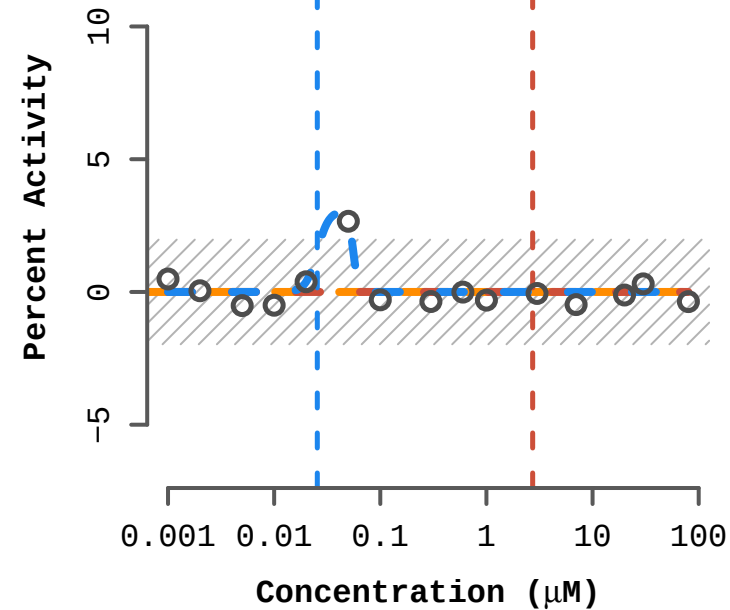
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thifensulfuron-methyl
CHID: 24124 CASRN: 79277-27-3
SPID(S): Tox21_202184
M4ID: 11453628

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.45	NA	NA
PROB:	1	NA	NA
RMSE:	0.89	NA	NA
MAX_MEAN:	1.24	MAX_MED: 1.24	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,6-Diisocyanatohexane

CHID: 24143 CASRN: 822-06-0

SPID(S): Tox21_202206

M4ID: 11453606

HILL MODEL (in red):

	tp	ga	gw
val:	5.45e-11	0.436	1.62
sd:	5.11e-06	5990	320000

GAIN-LOSS MODEL (in blue):

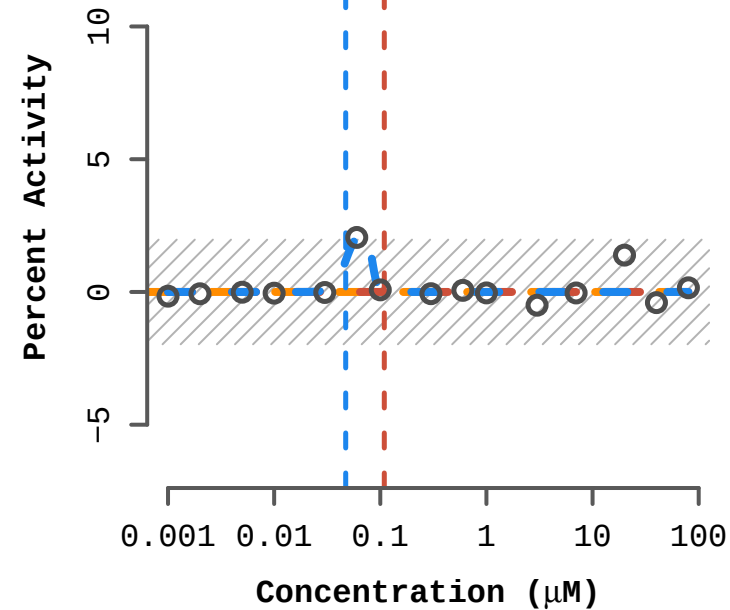
	tp	ga	gw	la	lw
val:	3.07	-1.59	8	-1.25	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	27.89	33.89	22.35
PROB:	0.06	0	0.94
RMSE:	0.76	0.76	0.32

MAX_MEAN: 2.66

MAX_MED: 2.66

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexazinone

CHID: 24145 CASRN: 51235-04-2

SPID(S): Tox21_201665

M4ID: 11454147

HILL MODEL (in red):

	tp	ga	gw
val:	2.15e-11	-0.962	1.43
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

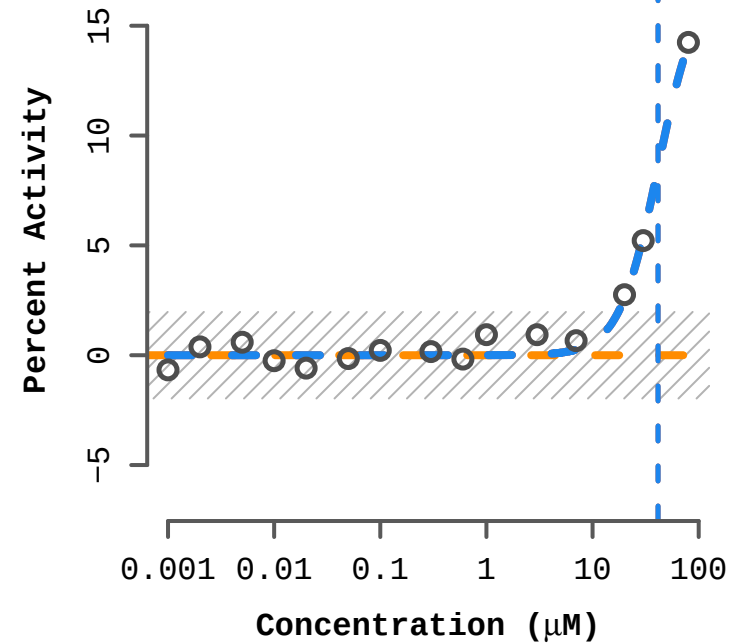
	tp	ga	gw	la	lw
val:	2.36	-1.33	8	-1.08	18
sd:	1.09	0.14	4.86	0.136	31.9

	CNST	HILL	GNLS
AIC:	22.41	28.41	15.5
PROB:	0.03	0	0.97
RMSE:	0.66	0.66	0.4

MAX_MEAN: 2.05

MAX_MED: 2.05

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Imazalil

CHID: 24151 CASRN: 35554-44-0

SPID(S): Tox21_201551

M4ID: 11454261

HILL MODEL (in red):

	tp	ga	gw
val:	17.1	1.62	2.37
sd:	1.77	0.0583	0.403

GAIN-LOSS MODEL (in blue):

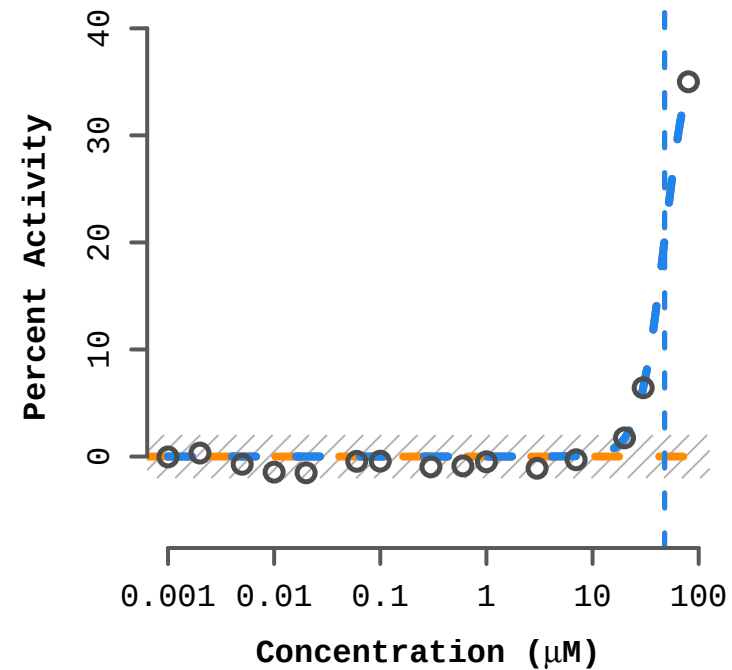
	tp	ga	gw	la	lw
val:	17.1	1.62	2.37	3.9	4.43
sd:	1.77	0.0583	0.403	2350	5220

	CNST	HILL	GNLS
AIC:	70.8	29.63	33.63
PROB:	0	0.88	0.12
RMSE:	4.01	0.48	0.48

MAX_MEAN: 14.2

MAX_MED: 14.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Imazaquin

CHID: 24152 CASRN: 81335-37-7

SPID(S): Tox21_202008

M4ID: 11453804

HILL MODEL (in red):

	tp	ga	gw
val:	40.5	1.68	3.59
sd:	1.61	0.0212	0.25

GAIN-LOSS MODEL (in blue):

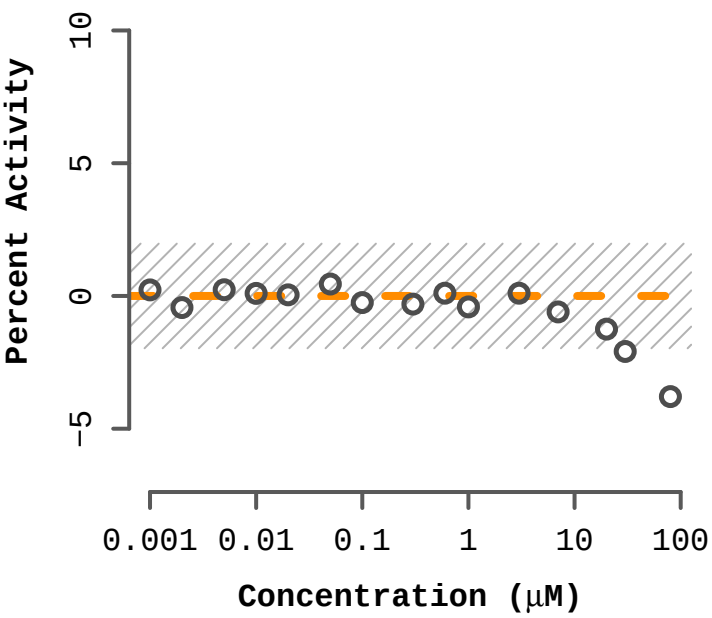
	tp	ga	gw	la	lw
val:	40.9	1.68	3.59	3.5	1.32
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	82.67	43.26	47.26
PROB:	0	0.88	0.12
RMSE:	9.23	0.76	0.76

MAX_MEAN: 35

MAX_MED: 35

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Iprodione

CHID: 24154 **CASRN:** 36734-19-7

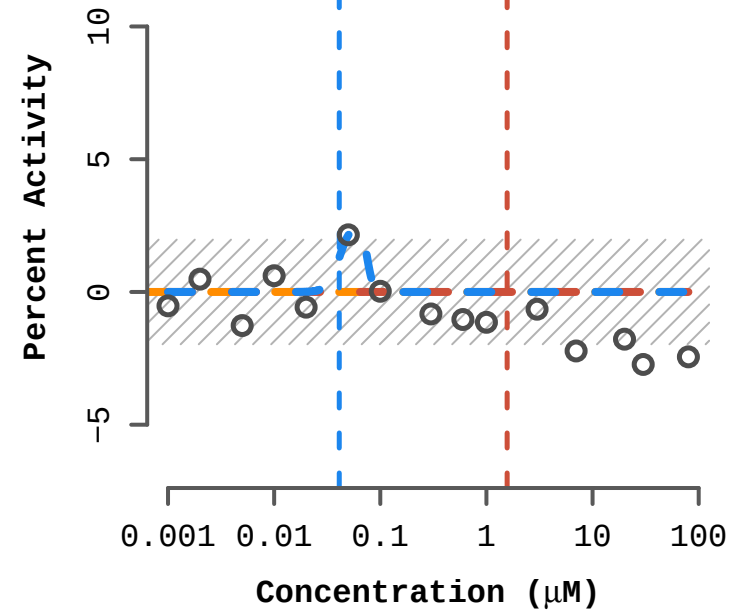
SPID(S): Tox21_201676

M4ID: 11454136

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.66	NA	NA
PROB:	1	NA	NA
RMSE:	1.2	NA	NA
MAX_MEAN: 0.451		MAX_MED: 0.451	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isopropalin

CHID: 24157 CASRN: 33820-53-0

SPID(S): Tox21_202228

M4ID: 11453584

HILL MODEL (in red):

	tp	ga	gw
val:	3.18e-11	0.195	1.59
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

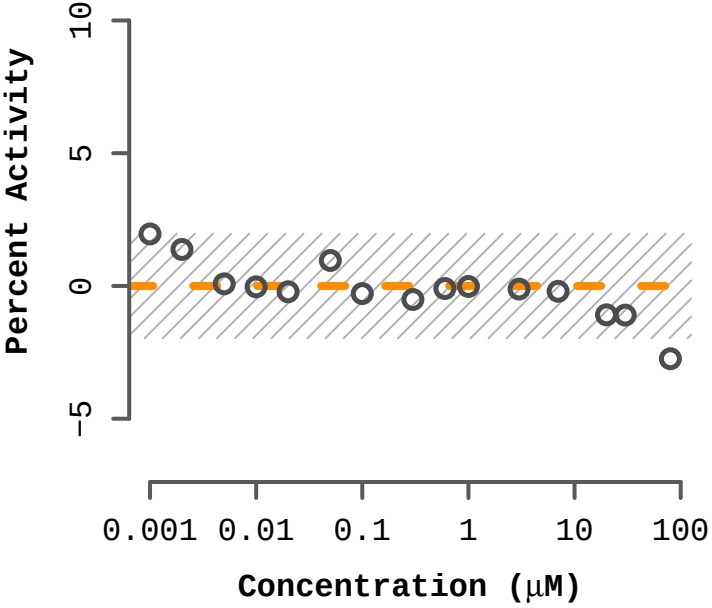
	tp	ga	gw	la	lw
val:	2.58	-1.39	7.99	-1.12	15.4
sd:	6.2	0.635	21	1.49	182

	CNST	HILL	GNLS
AIC:	57.78	63.78	64.88
PROB:	0.93	0.05	0.03
RMSE:	1.47	1.47	1.36

MAX_MEAN: 2.15

MAX_MED: 2.15

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isoxaben

CHID: 24159 **CASRN:** 82558-50-7

SPID(S): Tox21_201574

M4ID: 11454238

HILL MODEL: Not applicable.

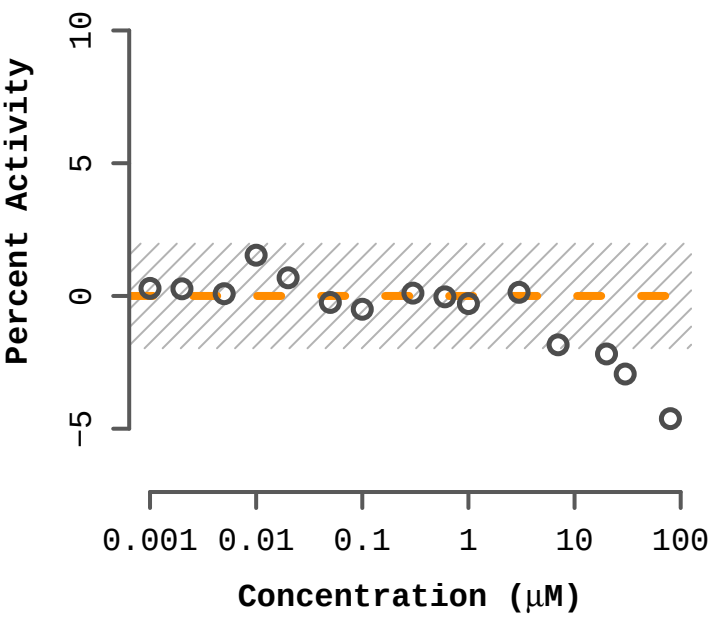
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.1	NA	NA
PROB:	1	NA	NA
RMSE:	1.06	NA	NA

MAX_MEAN: 1.96

MAX_MED: 1.96

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Lactofen

CHID: 24160 CASRN: 77501-63-4

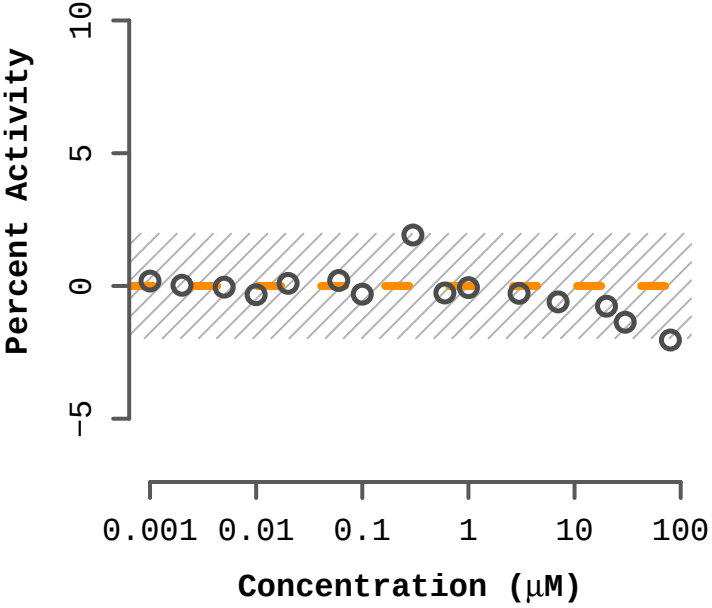
SPID(S): Tox21_201300

M4ID: 11454512

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	56.95	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.66	NA	NA	
MAX_MEAN:	1.54	MAX_MED:	1.54	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Linuron

CHID: 24163 **CASRN:** 330-55-2

SPID(S): Tox21_201281

M4ID: 11454531

HILL MODEL: Not applicable.

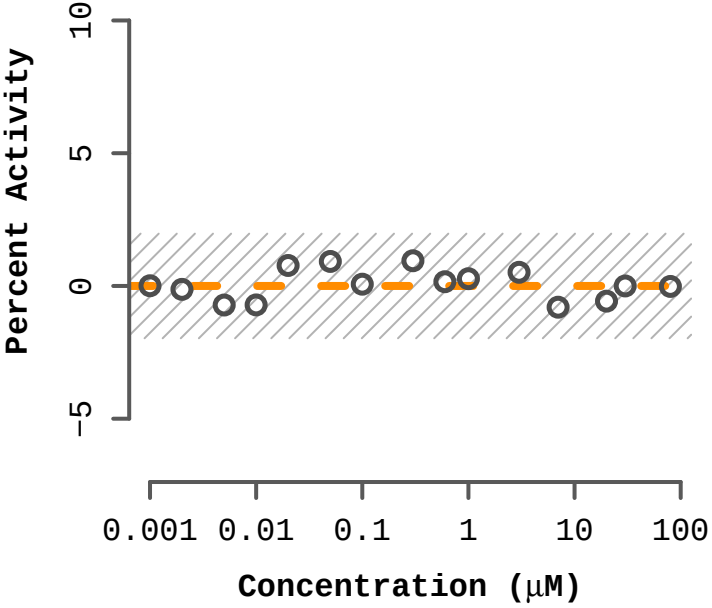
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.86	NA	NA

MAX_MEAN: 1.92

MAX_MED: 1.92

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tribufos

CHID: 24174 **CASRN:** 78-48-8

SPID(S): Tox21_201934

M4ID: 11453878

HILL MODEL: Not applicable.

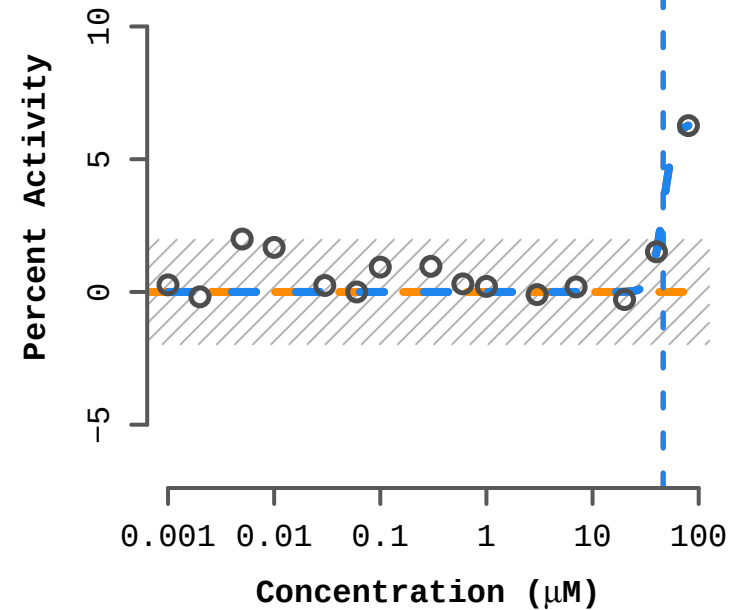
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.06	NA	NA
PROB:	1	NA	NA
RMSE:	0.56	NA	NA

MAX_MEAN: 0.95

MAX_MED: 0.95

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Metalaxyl

CHID: 24175 CASRN: 57837-19-1

SPID(S): Tox21_202061

M4ID: 11453751

HILL MODEL (in red):

	tp	ga	gw
val:	6.34	1.67	8
sd:	0.516	0.0472	5.39

GAIN-LOSS MODEL (in blue):

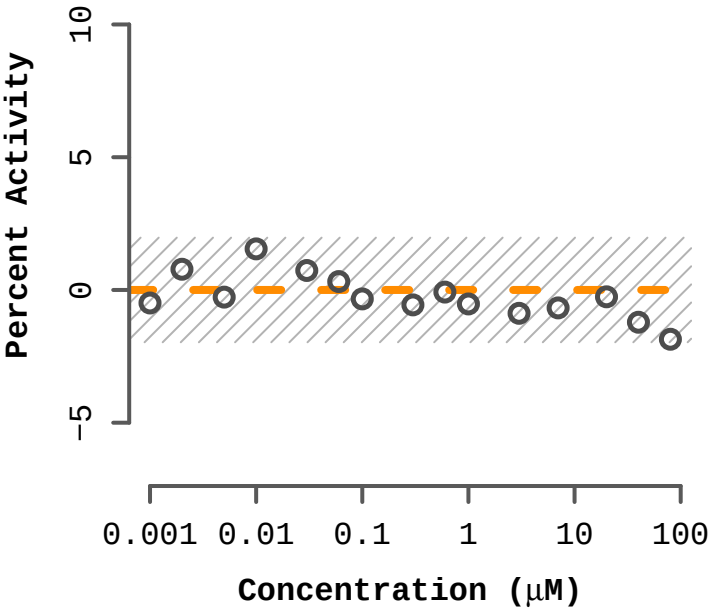
	tp	ga	gw	la	lw
val:	6.35	1.67	8	2.94	2.96
sd:	4.39	0.0519	6.09	256	590

	CNST	HILL	GNLS
AIC:	54.05	39.88	43.88
PROB:	0	0.88	0.12
RMSE:	1.84	0.78	0.78

MAX_MEAN: 6.27

MAX_MED: 6.27

BMAD: 0.657



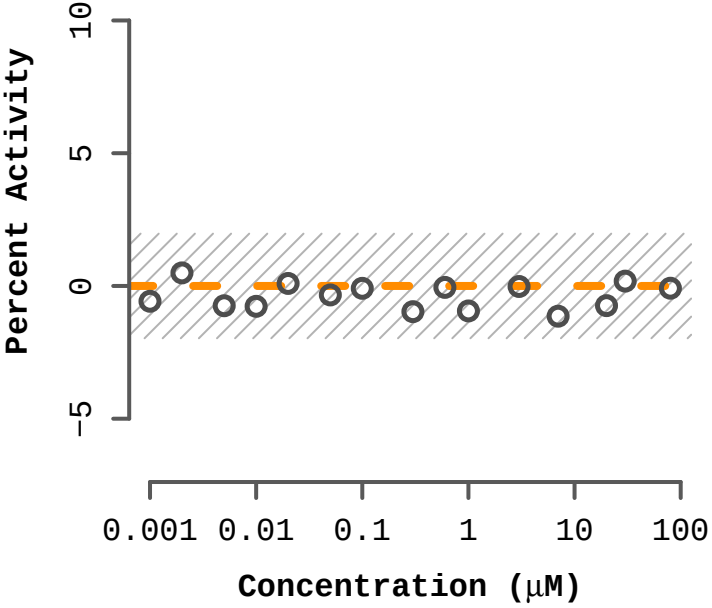
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methacrylonitrile
CHID: 24176 CASRN: 126-98-7
SPID(S): Tox21_201354
M4ID: 11454458

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.73	NA	NA
PROB:	1	NA	NA
RMSE:	0.85	NA	NA
MAX_MEAN:	1.55	MAX_MED: 1.55	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methamidophos

CHID: 24177 **CASRN:** 10265-92-6

SPID(S): Tox21_202250

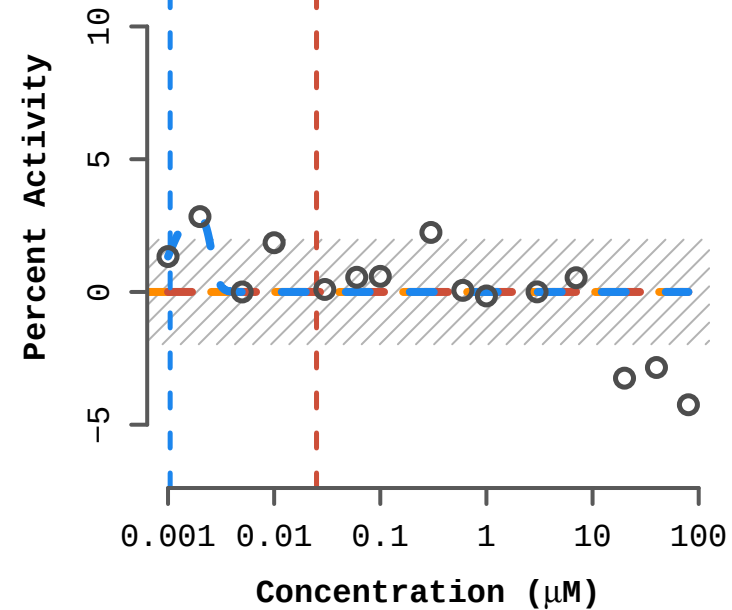
M4ID: 11453562

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.25	NA	NA
PROB:	1	NA	NA
RMSE:	0.61	NA	NA

MAX_MEAN:	0.493	MAX_MED:	0.493	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: MCPB

CHID: 24193 CASRN: 94-81-5

SPID(S): Tox21_201319

M4ID: 11454493

HILL MODEL (in red):

	tp	ga	gw
val:	7.56e-10	-1.6	1.56
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

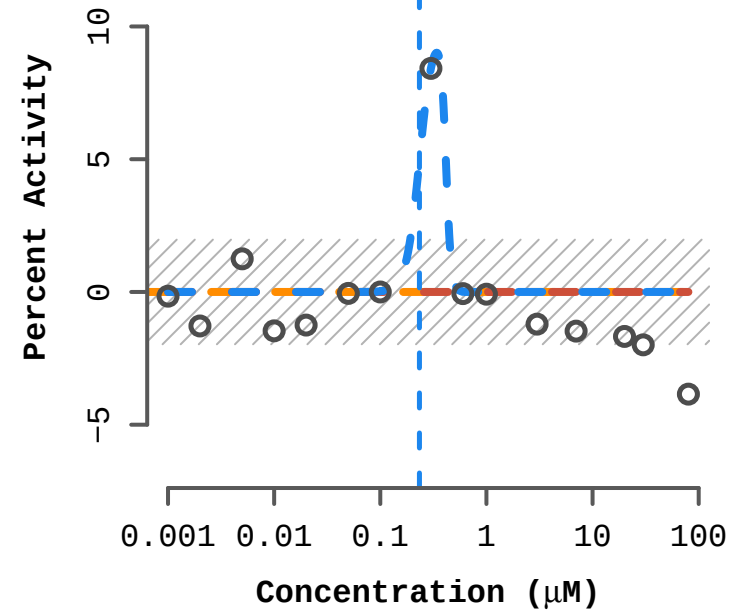
	tp	ga	gw	la	lw
val:	3.05	-2.98	5.43	-2.59	12.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	64.64	70.64	69.88
PROB:	0.89	0.04	0.06
RMSE:	1.93	1.93	1.75

MAX_MEAN: 2.84

MAX_MED: 2.84

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Mecoprop

CHID: 24194 CASRN: 93-65-2

SPID(S): Tox21_201667

M4ID: 11454145

HILL MODEL (in red):

	tp	ga	gw
val:	0.0257	2.4	7.96
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

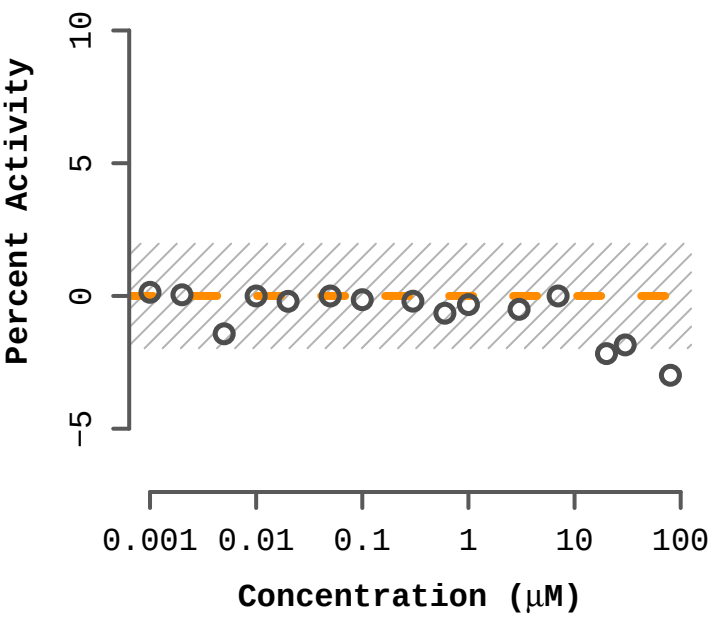
	tp	ga	gw	la	lw
val:	9.93	-0.631	6.98	-0.381	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	67.9	73.9	65.82
PROB:	0.26	0.01	0.73
RMSE:	2.62	2.62	1.46

MAX_MEAN: 8.42

MAX_MED: 8.42

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: MCPA

CHID: 24195 CASRN: 94-74-6

SPID(S): Tox21_202272

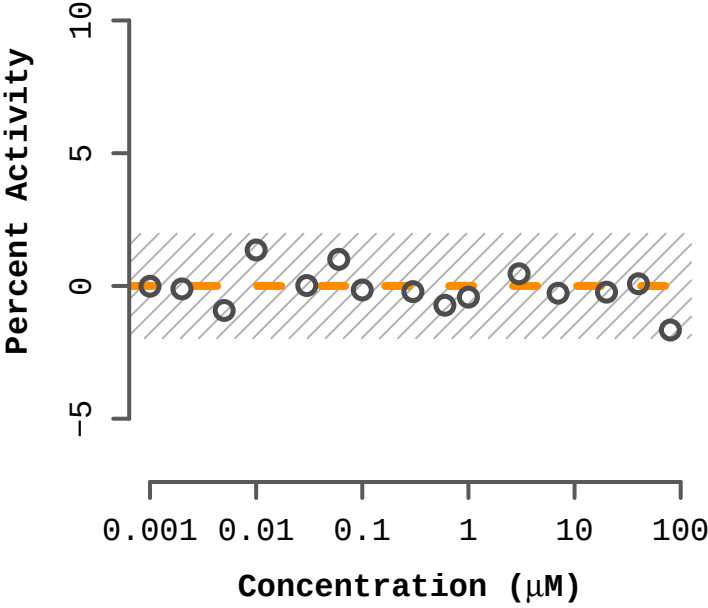
M4ID: 11453540

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.12	NA	NA
PROB:	1	NA	NA
RMSE:	1.15	NA	NA

MAX_MEAN: 0.139	MAX_MED: 0.139	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: m-Cresol

CHID: 24200 CASRN: 108-39-4

SPID(S): Tox21_201941

M4ID: 11453871

HILL MODEL: Not applicable.

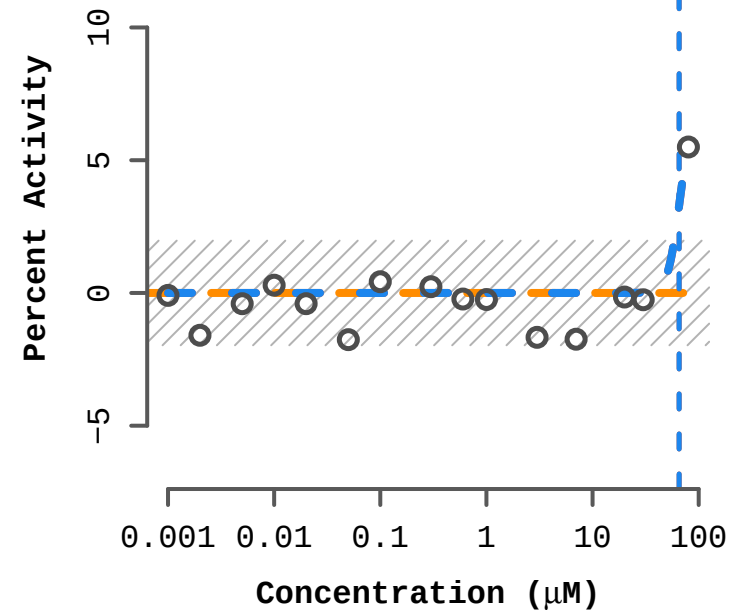
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.9	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN: 1.36

MAX_MED: 1.36

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Metribuzin

CHID: 24204 CASRN: 21087-64-9

SPID(S): Tox21_202006

M4ID: 11453806

HILL MODEL (in red):

	tp	ga	gw
val:	6.6	1.82	8
sd:	6.94	0.268	12.4

GAIN-LOSS MODEL (in blue):

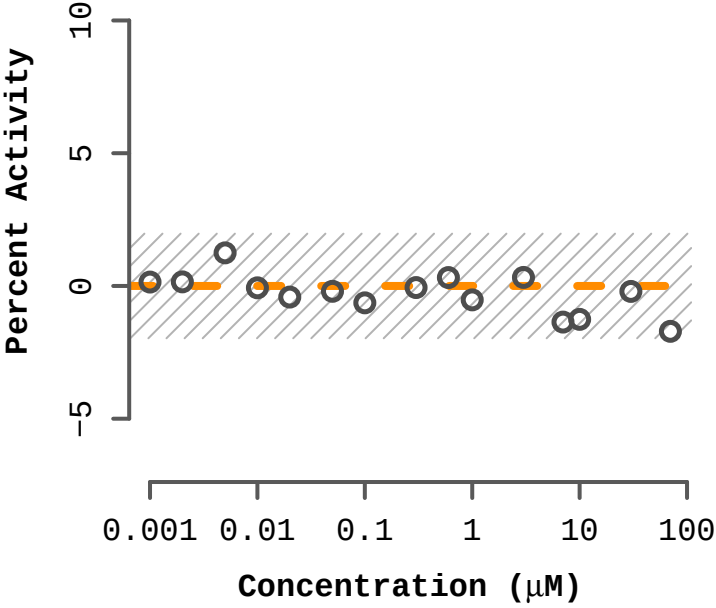
	tp	ga	gw	la	lw
val:	6.6	1.82	8	3.9	1.49
sd:	7.19	0.275	12.4	70.6	53.1

	CNST	HILL	GNLS
AIC:	53.88	46.75	50.75
PROB:	0.02	0.86	0.12
RMSE:	1.68	0.91	0.91

MAX_MEAN: 5.5

MAX_MED: 5.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Molinate

CHID: 24206 **CASRN:** 2212-67-1

SPID(S): Tox21_201572

M4ID: 11454240

HILL MODEL: Not applicable.

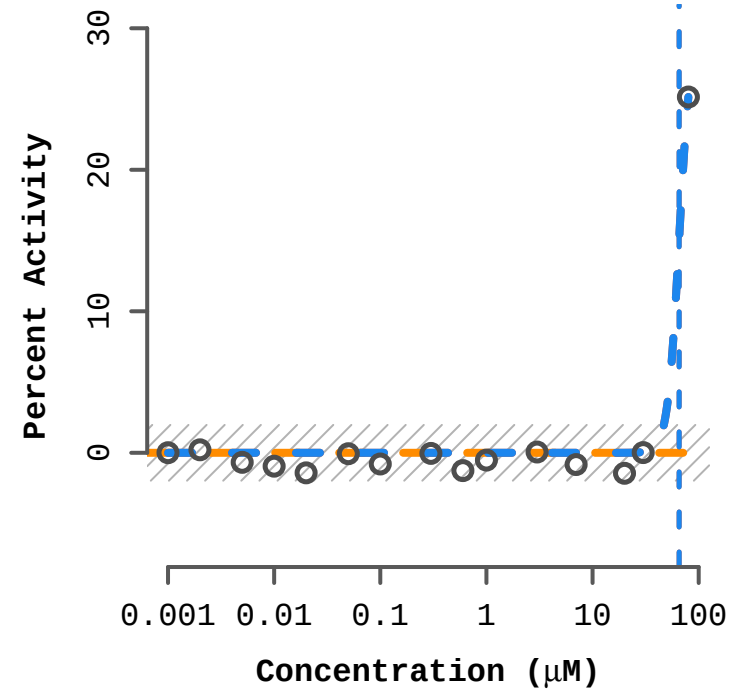
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.96	NA	NA
PROB:	1	NA	NA
RMSE:	0.78	NA	NA

MAX_MEAN: 1.25

MAX_MED: 1.25

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Naled

CHID: 24209 CASRN: 300-76-5

SPID(S): Tox21_201641

M4ID: 11454171

HILL MODEL (in red):

	tp	ga	gw
val:	30.2	1.82	8
sd:	6.66	0.0173	5.96

GAIN-LOSS MODEL (in blue):

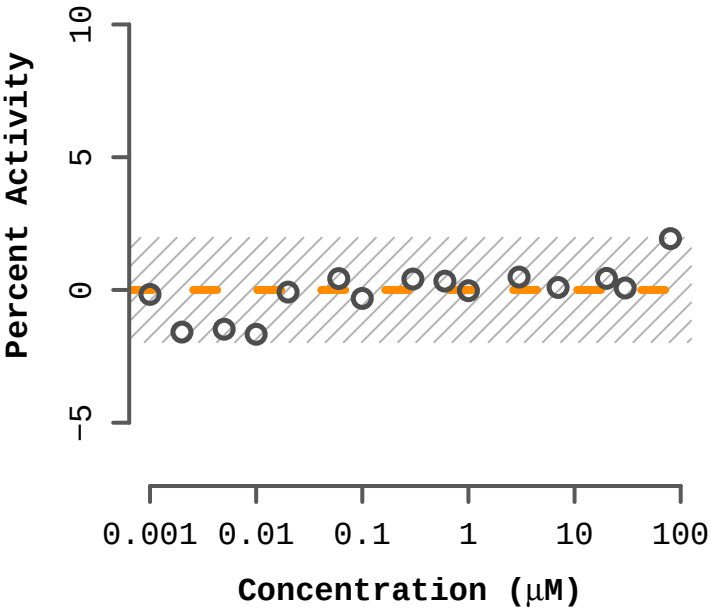
	tp	ga	gw	la	lw
val:	30.2	1.82	8	3.87	3.89
sd:	6.64	0.0173	5.94	8250	16300

	CNST	HILL	GNLS
AIC:	65.68	43.17	47.17
PROB:	0	0.88	0.12
RMSE:	6.54	0.76	0.76

MAX_MEAN: 25.1

MAX_MED: 25.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Napropamide

CHID: 24211 **CASRN:** 15299-99-7

SPID(S): Tox21_201824

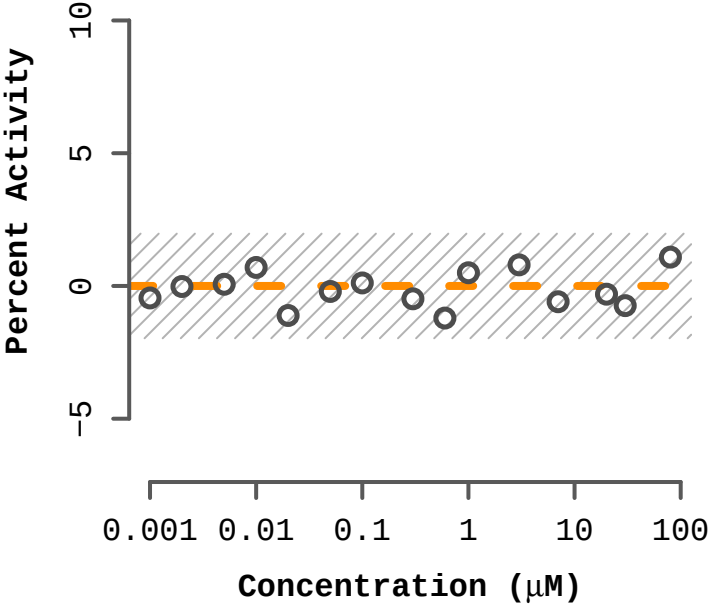
M4ID: 11453988

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.85	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA

MAX_MEAN:	1.93	MAX_MED:	1.93	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nitrapyrin

CHID: 24216 **CASRN:** 1929-82-4

SPID(S): Tox21_202036

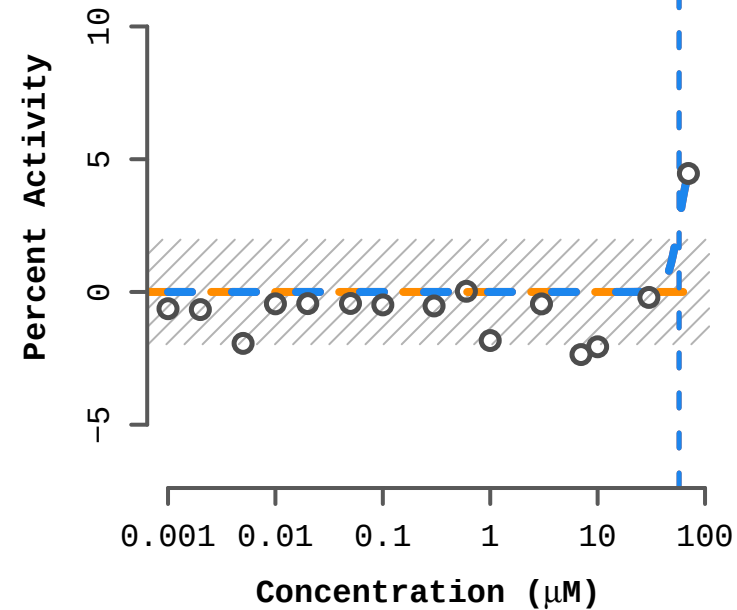
M4ID: 11453776

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.41	NA	NA
PROB:	1	NA	NA
RMSE:	0.67	NA	NA

MAX_MEAN:	1.09	MAX_MED:	1.09	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Norflurazon

CHID: 24234 CASRN: 27314-13-2

SPID(S): Tox21_202043

M4ID: 11453769

HILL MODEL (in red):

	tp	ga	gw
val:	5.36	1.76	8
sd:	8.94	0.455	13.8

GAIN-LOSS MODEL (in blue):

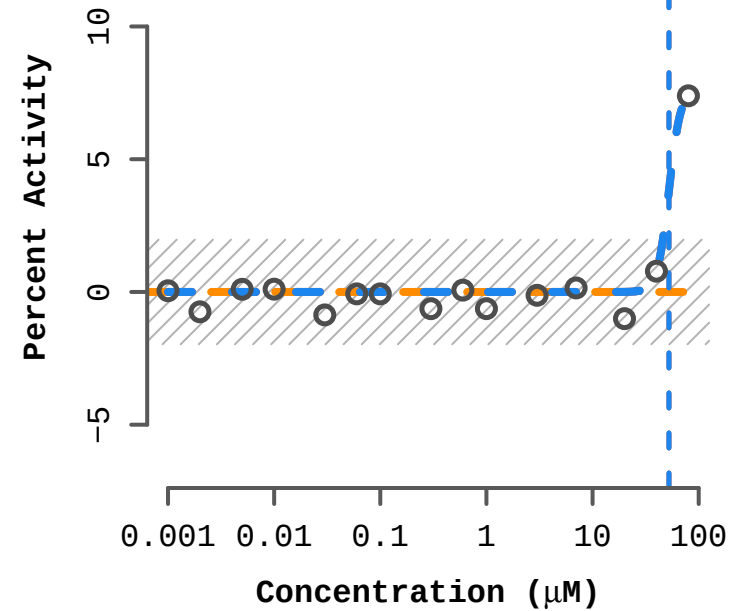
	tp	ga	gw	la	lw
val:	5.36	1.76	8	3.84	16.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	57.09	54.04	58.04
PROB:	0.16	0.74	0.1
RMSE:	1.61	1.13	1.13

MAX_MEAN: 4.46

MAX_MED: 4.46

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Flusilazole

CHID: 24235 CASRN: 85509-19-9

SPID(S): Tox21_201484

M4ID: 11454328

HILL MODEL (in red):

	tp	ga	gw
val:	7.64	1.72	8
sd:	1.03	0.0879	5.39

GAIN-LOSS MODEL (in blue):

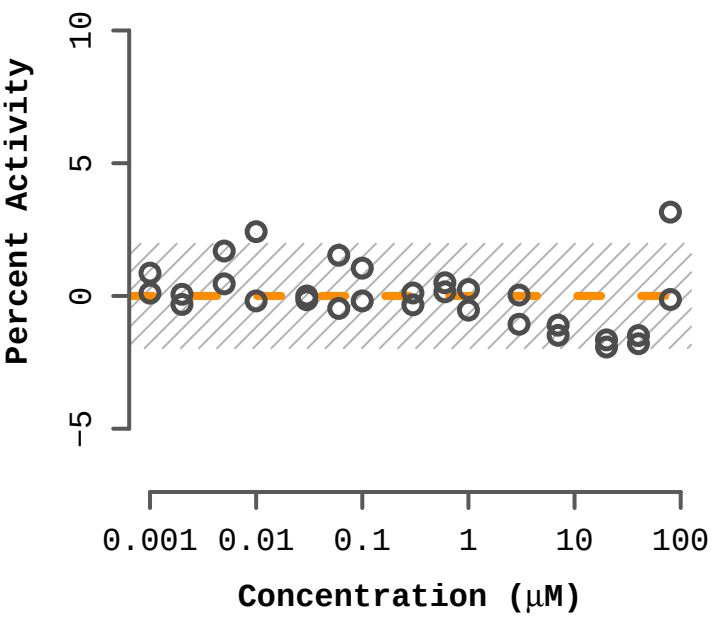
	tp	ga	gw	la	lw
val:	7.64	1.72	8	3.21	4.37
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	45.16	26.6	30.6
PROB:	0	0.88	0.12
RMSE:	1.97	0.46	0.46

MAX_MEAN: 7.39

MAX_MED: 7.39

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Oryzalin

CHID: 24238 CASRN: 19044-88-3

SPID(S): Tox21_400078

M4ID: 11453270

HILL MODEL: Not applicable.

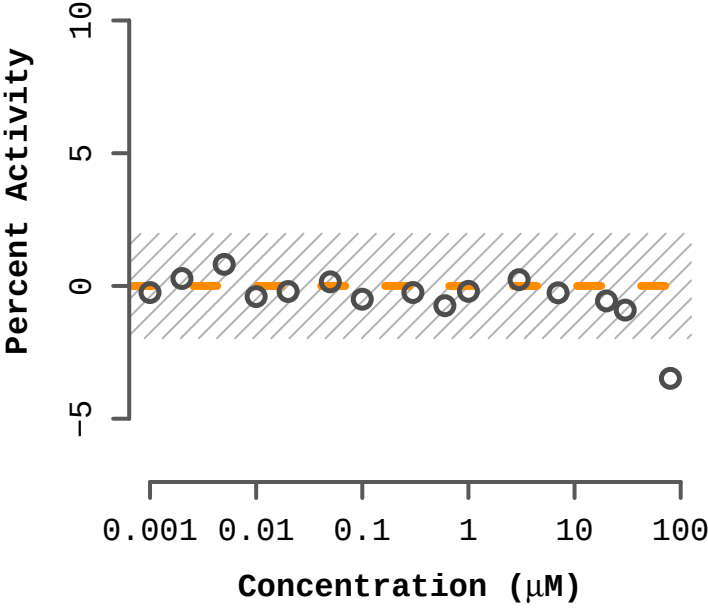
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	95.81	NA	NA
PROB:	1	NA	NA
RMSE:	1.17	NA	NA

MAX_MEAN: 1.51

MAX_MED: 1.51

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Oxadiazon

CHID: 24239 **CASRN:** 19666-30-9

SPID(S): Tox21_201877

M4ID: 11453935

HILL MODEL: Not applicable.

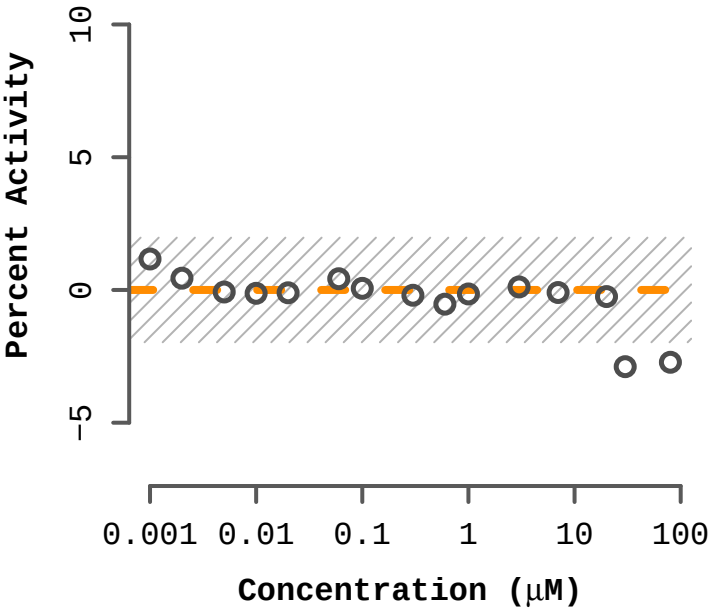
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.53	NA	NA
PROB:	1	NA	NA
RMSE:	1.01	NA	NA

MAX_MEAN: 0.815

MAX_MED: 0.815

BMAD: 0.657



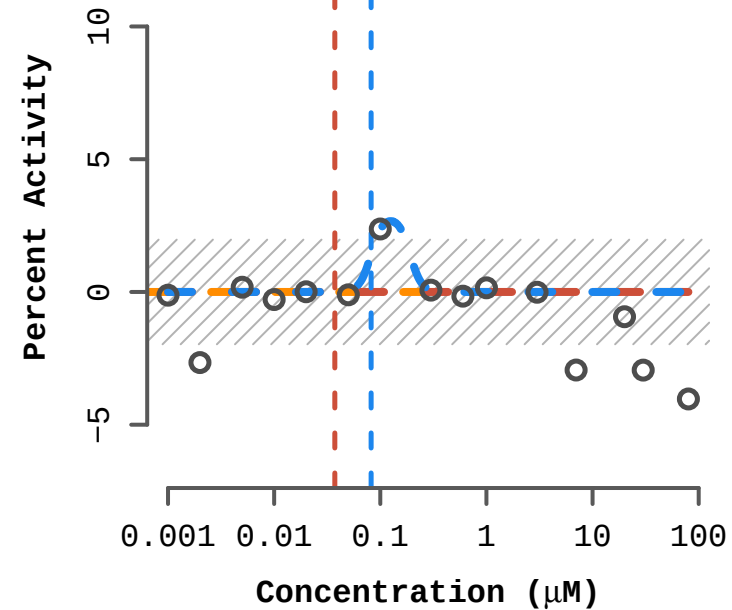
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Oxyfluorfen
CHID: 24241 **CASRN:** 42874-03-3
SPID(S): Tox21_201448
M4ID: 11454364

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	40.61	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.09	NA	NA	
MAX_MEAN:	1.17	MAX_MED:	1.17	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Paclobutrazol

CHID: 24242 CASRN: 76738-62-0

SPID(S): Tox21_202079

M4ID: 11453733

HILL MODEL (in red):

	tp	ga	gw
val:	7.44e-11	-1.43	1.87
sd:	1.49e-05	96600	251000

GAIN-LOSS MODEL (in blue):

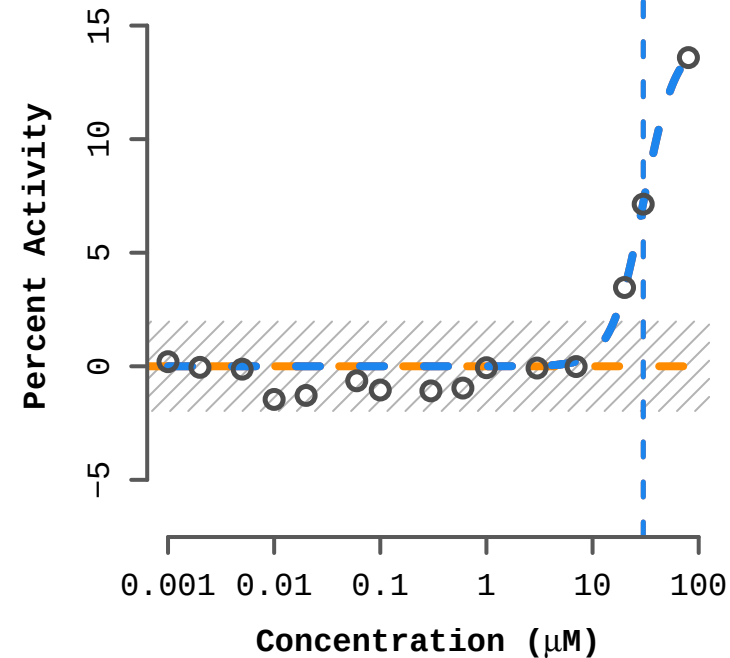
	tp	ga	gw	la	lw
val:	2.85	-1.09	8	-0.719	8.09
sd:	5.06	0.445	17.6	1.33	52

	CNST	HILL	GNLS
AIC:	61	67	67.36
PROB:	0.92	0.05	0.04
RMSE:	1.78	1.78	1.67

MAX_MEAN: 2.37

MAX_MED: 2.37

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pendimethalin

CHID: 24245 CASRN: 40487-42-1

SPID(S): Tox21_201896

M4ID: 11453916

HILL MODEL (in red):

	tp	ga	gw
val:	14.4	1.48	2.88
sd:	0.85	0.0321	0.573

GAIN-LOSS MODEL (in blue):

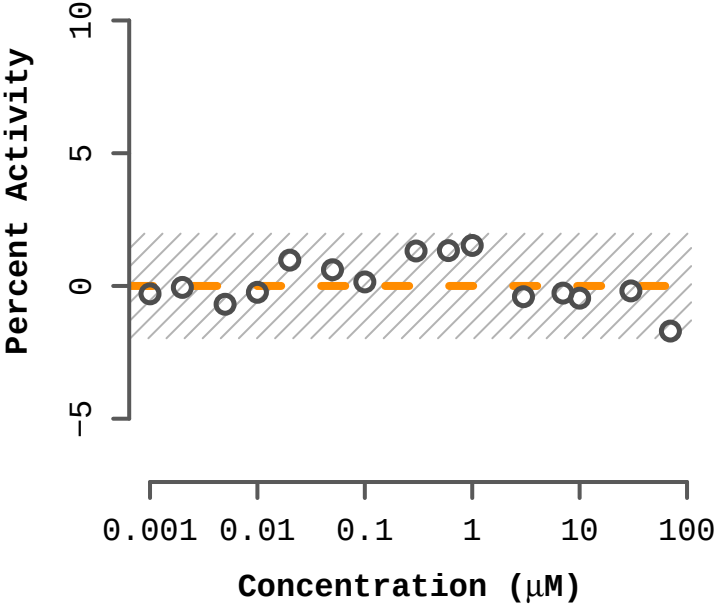
	tp	ga	gw	la	lw
val:	14.4	1.48	2.88	3.16	5.43
sd:	0.85	0.0321	0.573	980	4240

	CNST	HILL	GNLS
AIC:	76.47	40.24	44.24
PROB:	0	0.88	0.12
RMSE:	4.12	0.71	0.71

MAX_MEAN: 13.6

MAX_MED: 13.6

BMAD: 0.657



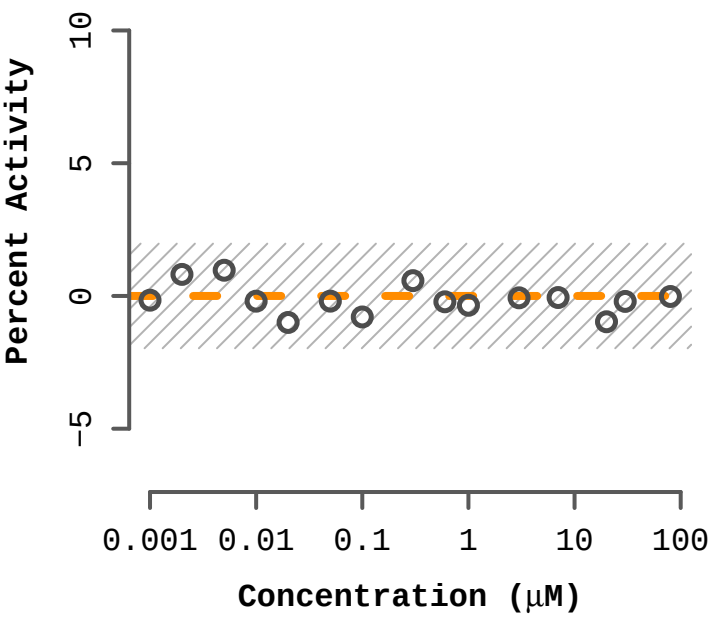
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenanthrene
CHID: 24254 CASRN: 85-01-8
SPID(S): Tox21_201638
M4ID: 11454174

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	41.1	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.86	NA	NA	
MAX_MEAN:	1.53	MAX_MED:	1.53	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenmedipham

CHID: 24255 **CASRN:** 13684-63-4

SPID(S): Tox21_201295

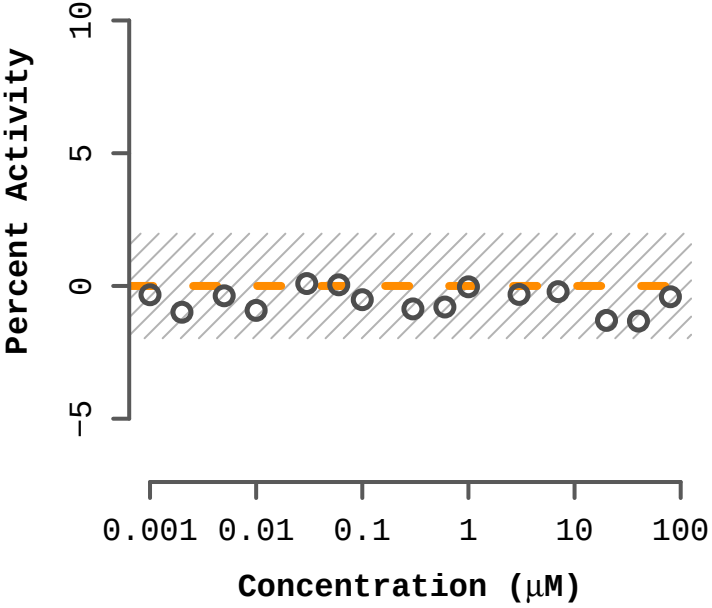
M4ID: 11454517

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.61	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 0.969 **MAX_MED:** 0.969 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phosalone

CHID: 24259 CASRN: 2310-17-0

SPID(S): Tox21_202294

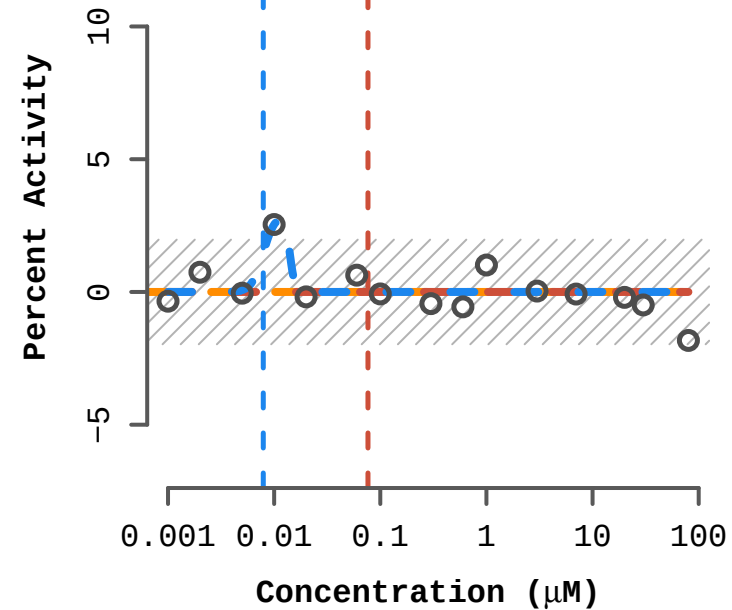
M4ID: 11453518

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.48	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN: 0.0916 MAX_MED: 0.0916 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phosmet

CHID: 24261 CASRN: 732-11-6

SPID(S): Tox21_202316

M4ID: 11453496

HILL MODEL (in red):

	tp	ga	gw
val:	4.58e-11	-1.12	1.94
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

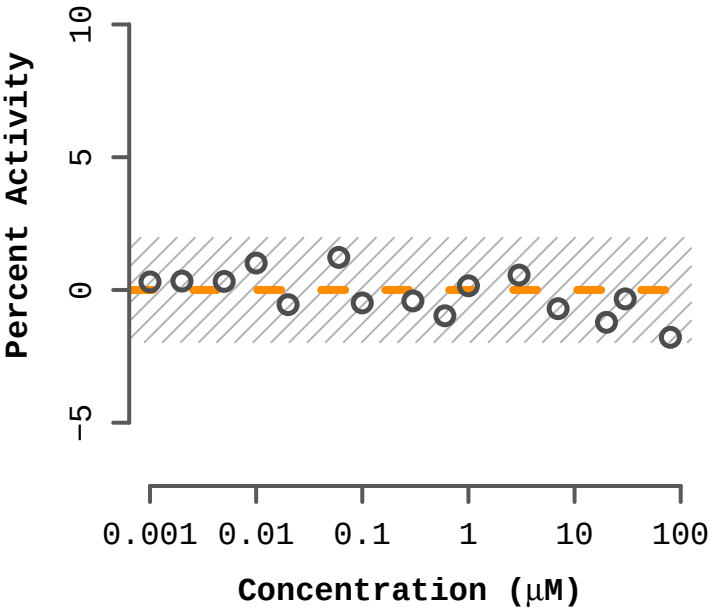
	tp	ga	gw	la	lw
val:	2.93	-2.1	8	-1.85	18
sd:	3.12	0.323	10.5	0.507	60.4

	CNST	HILL	GNLS
AIC:	39.24	45.24	39.65
PROB:	0.54	0.03	0.44
RMSE:	0.92	0.92	0.65

MAX_MEAN: 2.54

MAX_MED: 2.54

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phosphoric acid

CHID: 24263 CASRN: 7664-38-2

SPID(S): Tox21_202285

M4ID: 11453527

HILL MODEL: Not applicable.

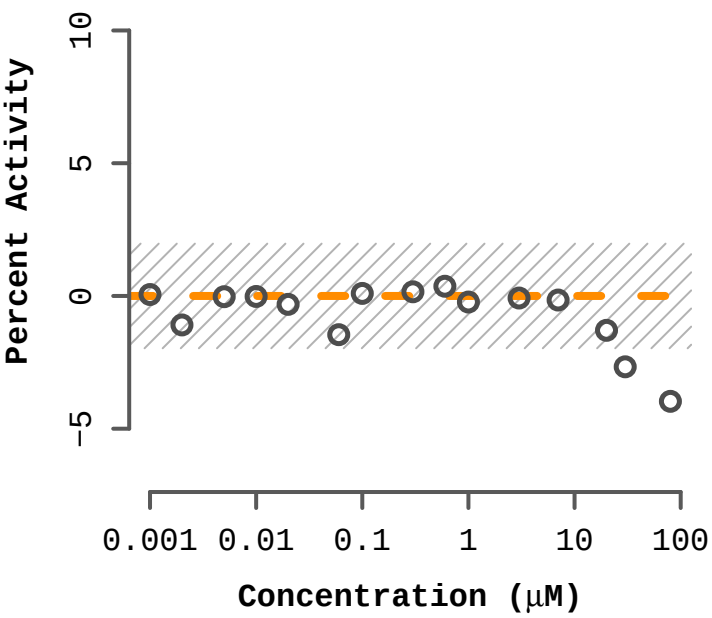
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.97	NA	NA
PROB:	1	NA	NA
RMSE:	0.82	NA	NA

MAX_MEAN: 1.23

MAX_MED: 1.23

BMAD: 0.657



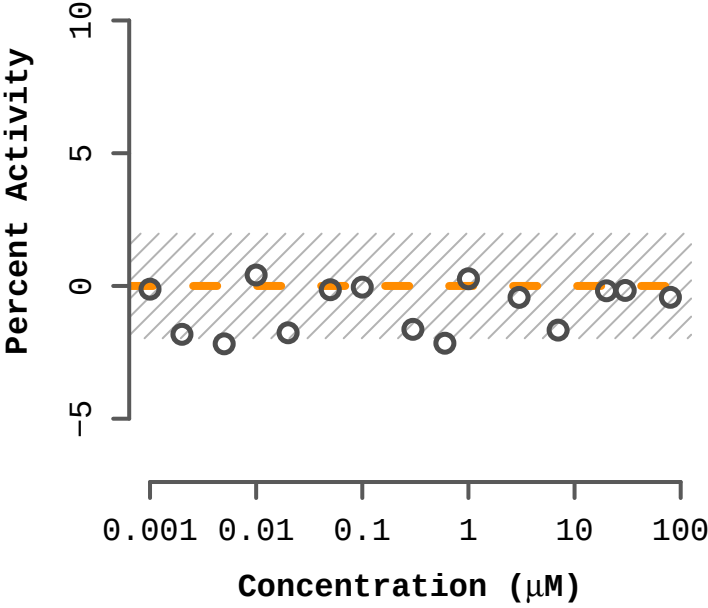
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Prochloraz
CHID: 24270 CASRN: 67747-09-5
SPID(S): Tox21_201466
M4ID: 11454346

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	49.31	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.37	NA	NA	
MAX_MEAN:	0.368	MAX_MED:	0.368	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Prometryn

CHID: 24272 CASRN: 7287-19-6

SPID(S): Tox21_202338

M4ID: 11453474

HILL MODEL: Not applicable.

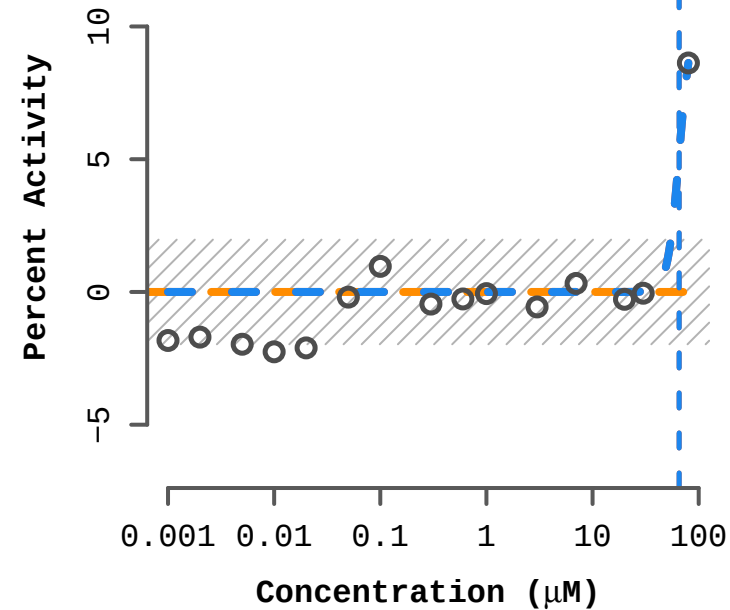
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51.12	NA	NA
PROB:	1	NA	NA
RMSE:	1.21	NA	NA

MAX_MEAN: 0.413

MAX_MED: 0.413

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propachlor

CHID: 24274 CASRN: 1918-16-7

SPID(S): Tox21_201734

M4ID: 11454078

HILL MODEL (in red):

	tp	ga	gw
val:	10.4	1.82	8
sd:	13.9	0.262	23.7

GAIN-LOSS MODEL (in blue):

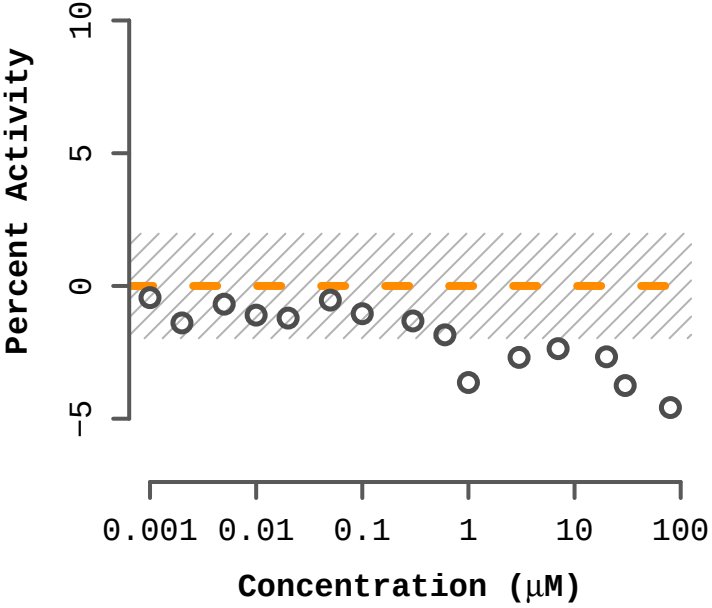
	tp	ga	gw	la	lw
val:	10.4	1.82	8	2.43	17.9
sd:	13.8	0.261	23.7	17000	563000

	CNST	HILL	GNLS
AIC:	64.34	56.39	60.39
PROB:	0.02	0.87	0.12
RMSE:	2.53	1.19	1.19

MAX_MEAN: 8.63

MAX_MED: 8.63

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propargite

CHID: 24276 CASRN: 2312-35-8

SPID(S): Tox21_202046

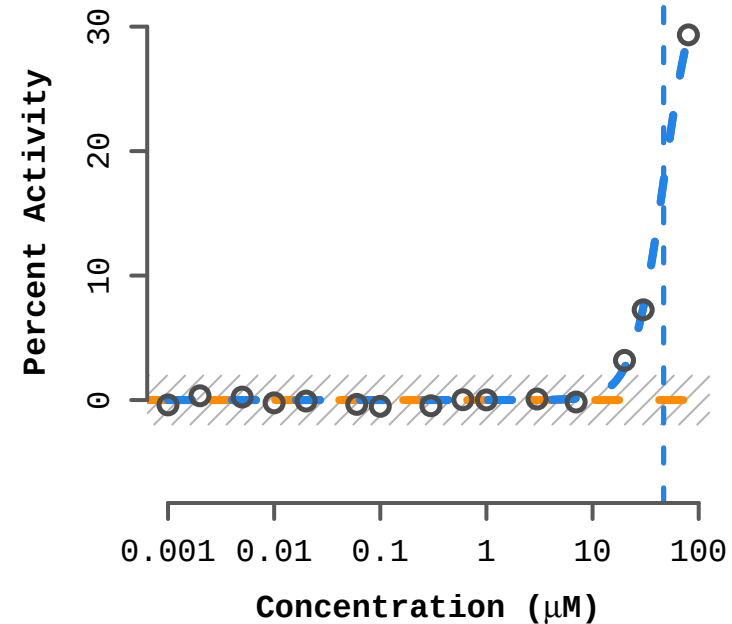
M4ID: 11453766

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	71.23	NA	NA
PROB:	1	NA	NA
RMSE:	2.31	NA	NA

MAX_MEAN: -0.439 MAX_MED: -0.439 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propiconazole

CHID: 24280 CASRN: 60207-90-1

SPID(S): Tox21_201469

M4ID: 11454343

HILL MODEL (in red):

	tp	ga	gw
val:	35.2	1.67	2.98
sd:	0.47	0.00854	0.0823

GAIN-LOSS MODEL (in blue):

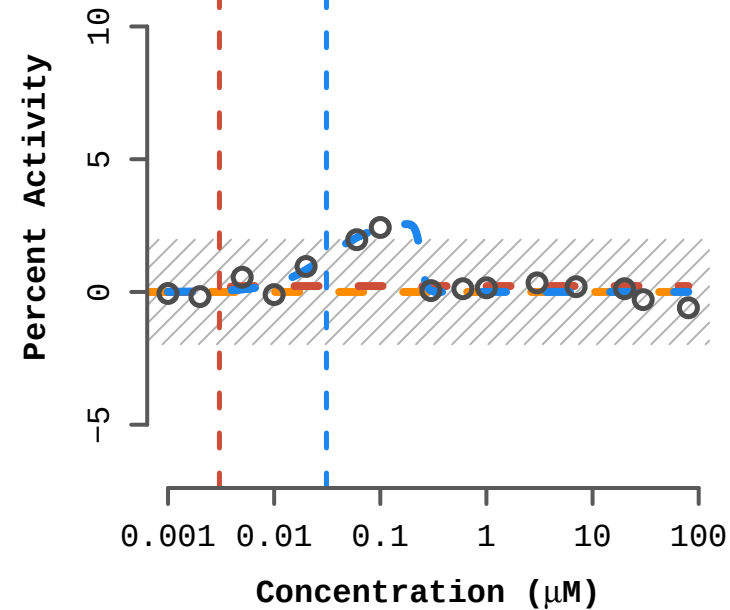
	tp	ga	gw	la	lw
val:	35.2	1.67	2.98	3.85	5.52
sd:	0.47	0.00854	0.0823	13300	37700

	CNST	HILL	GNLS
AIC:	79.04	16.96	20.96
PROB:	0	0.88	0.12
RMSE:	7.85	0.31	0.31

MAX_MEAN: 29.3

MAX_MED: 29.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Methoxy-2-propanol

CHID: 24284 CASRN: 107-98-2

SPID(S): Tox21_201803

M4ID: 11454009

HILL MODEL (in red):

	tp	ga	gw
val:	0.222	-2.52	8
sd:	0.157	0.468	18.9

GAIN-LOSS MODEL (in blue):

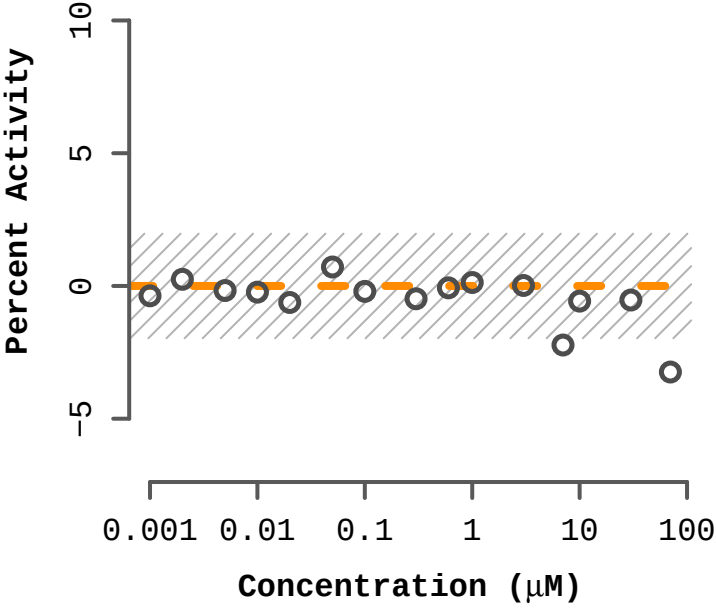
	tp	ga	gw	la	lw
val:	2.68	-1.51	1.8	-0.617	17.9
sd:	0.864	0.245	1.17	3.85	728

	CNST	HILL	GNLS
AIC:	35.99	39.86	15.98
PROB:	0	0	1
RMSE:	0.88	0.81	0.27

MAX_MEAN: 2.43

MAX_MED: 2.43

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Imazethapyr

CHID: 24287 **CASRN:** 81335-77-5

SPID(S): Tox21_201339

M4ID: 11454473

HILL MODEL: Not applicable.

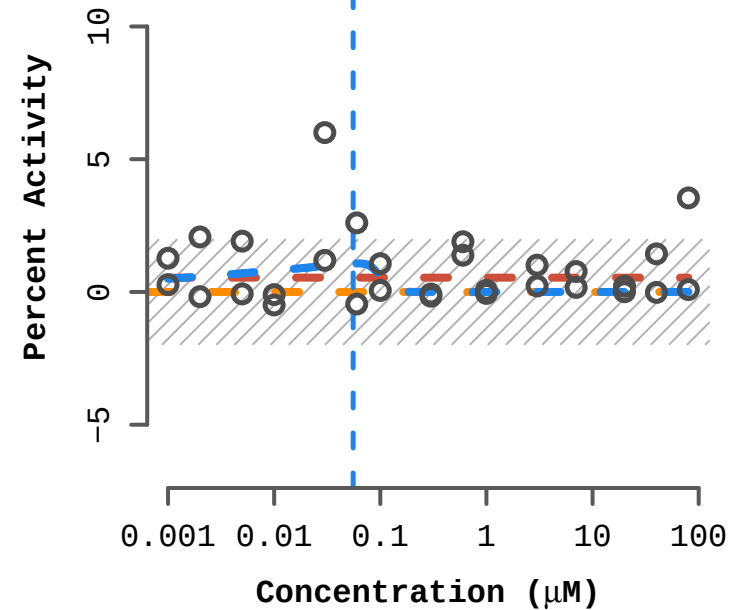
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.6	NA	NA
PROB:	1	NA	NA
RMSE:	1.08	NA	NA

MAX_MEAN: 0.716

MAX_MED: 0.716

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pyrene

CHID: 24289 CASRN: 129-00-0

SPID(S): Tox21_400063

M4ID: 11453285

HILL MODEL (in red):

	tp	ga	gw
val:	0.539	-4.67	4.17
sd:	0.193	1600	3950

GAIN-LOSS MODEL (in blue):

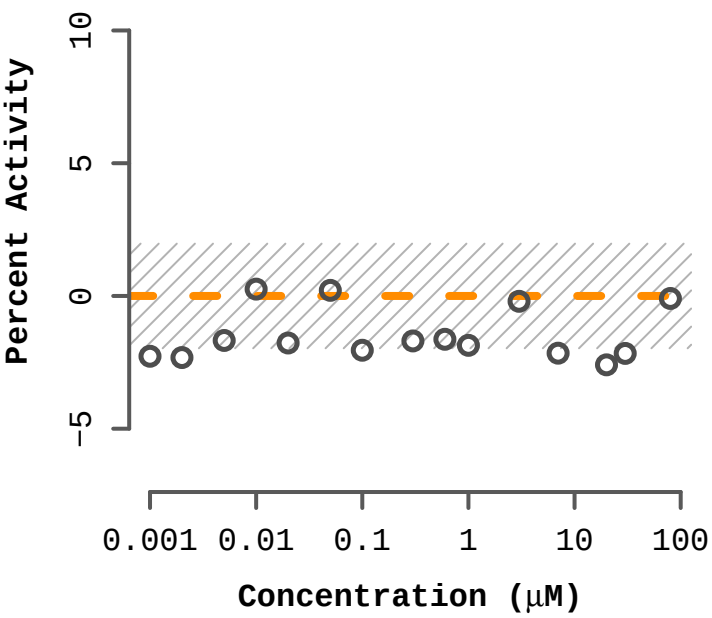
	tp	ga	gw	la	lw
val:	2.15	-1.26	0.3	-1.01	8.78
sd:	13.4	14.4	0.719	0.284	140

	CNST	HILL	GNLS
AIC:	105.7	103.39	110.84
PROB:	0.24	0.75	0.02
RMSE:	1.61	1.4	1.42

MAX_MEAN: 3.6

MAX_MED: 3.6

BMAD: 0.657



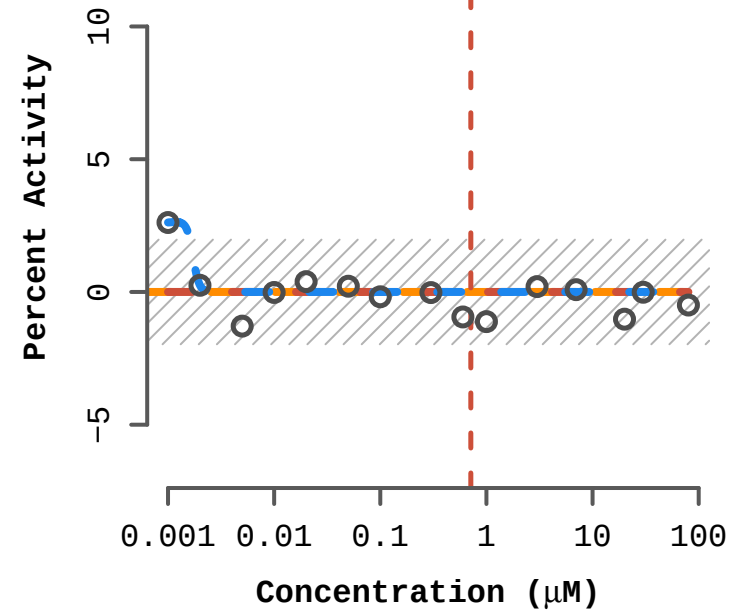
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Quinalphos
CHID: 24291 CASRN: 13593-03-8
SPID(S): Tox21_202028
M4ID: 11453784

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	64.11	NA	NA
PROB:	1	NA	NA
RMSE:	1.75	NA	NA
MAX_MEAN:	0.258	MAX_MED: 0.258	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Myclobutanil

CHID: 24315 CASRN: 88671-89-0

SPID(S): Tox21_201915

M4ID: 11453897

HILL MODEL (in red):

	tp	ga	gw
val:	6.9e-11	-0.147	0.515
sd:	2.04e-05	42000	35600

GAIN-LOSS MODEL (in blue):

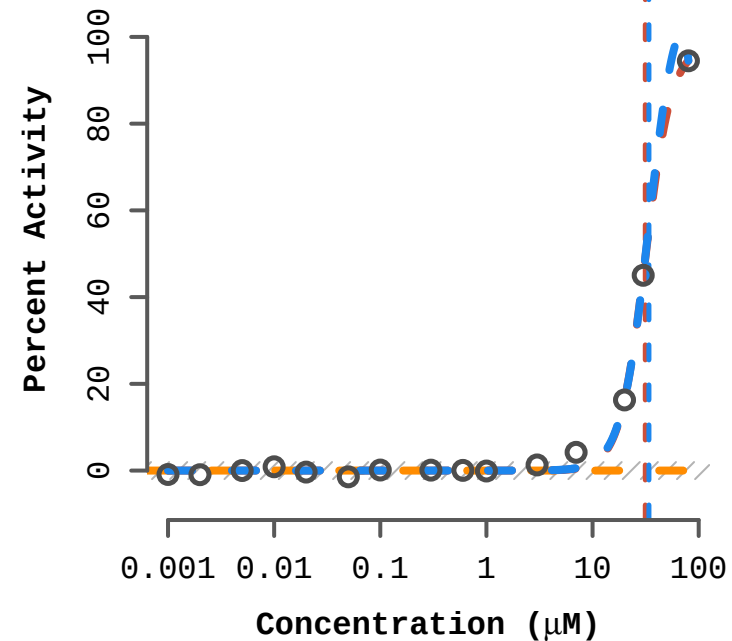
	tp	ga	gw	la	lw
val:	3.05	-4.94	0.402	-2.76	15
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	38.85	44.85	38.45
PROB:	0.44	0.02	0.54
RMSE:	0.9	0.9	0.6

MAX_MEAN: 2.62

MAX_MED: 2.62

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tebuthiuron

CHID: 24316 CASRN: 34014-18-1

SPID(S): Tox21_201451

M4ID: 11454361

HILL MODEL (in red):

	tp	ga	gw
val:	97.9	1.5	3.57
sd:	0.613	0.00425	0.0861

GAIN-LOSS MODEL (in blue):

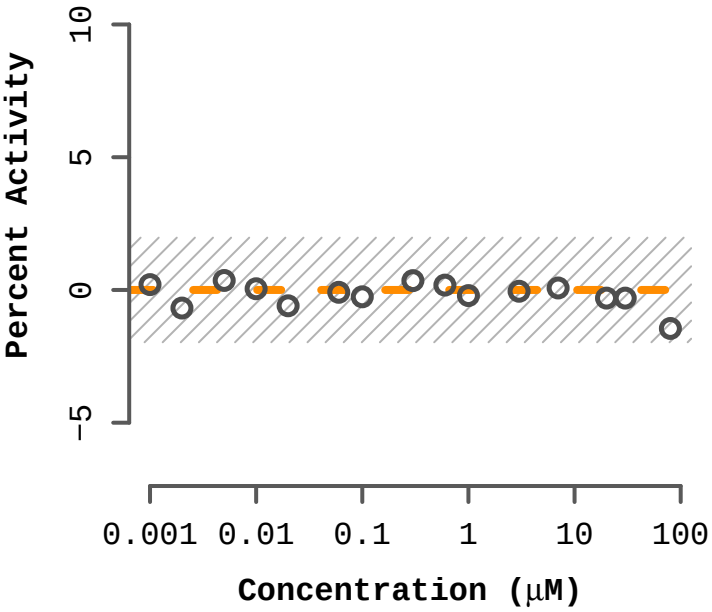
	tp	ga	gw	la	lw
val:	113	1.53	3.36	1.99	10.5
sd:	0.891	0.00431	0.078	0.00544	0.397

	CNST	HILL	GNLS
AIC:	125.05	49.47	53.2
PROB:	0	0.87	0.13
RMSE:	27.38	1.17	1.14

MAX_MEAN: 94.5

MAX_MED: 94.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Terbaci

CHID: 24317 CASRN: 5902-51-2

SPID(S): Tox21_201244

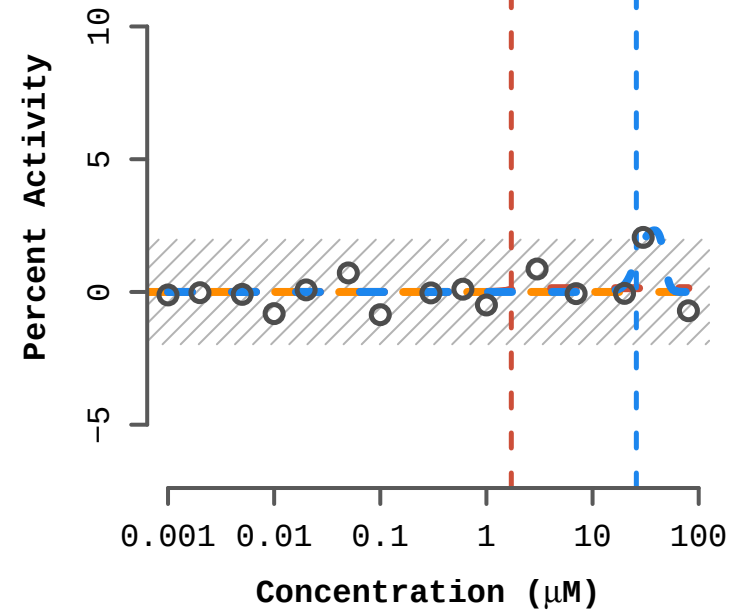
M4ID: 11454568

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	20.28	NA	NA
PROB:	1	NA	NA
RMSE:	0.49	NA	NA

MAX_MEAN:	0.359	MAX_MED:	0.359	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Terbutryn

CHID: 24318 CASRN: 886-50-0

SPID(S): Tox21_202082

M4ID: 11453730

HILL MODEL (in red):

	tp	ga	gw
val:	0.143	0.234	8
sd:	0.335	0.64	21.9

GAIN-LOSS MODEL (in blue):

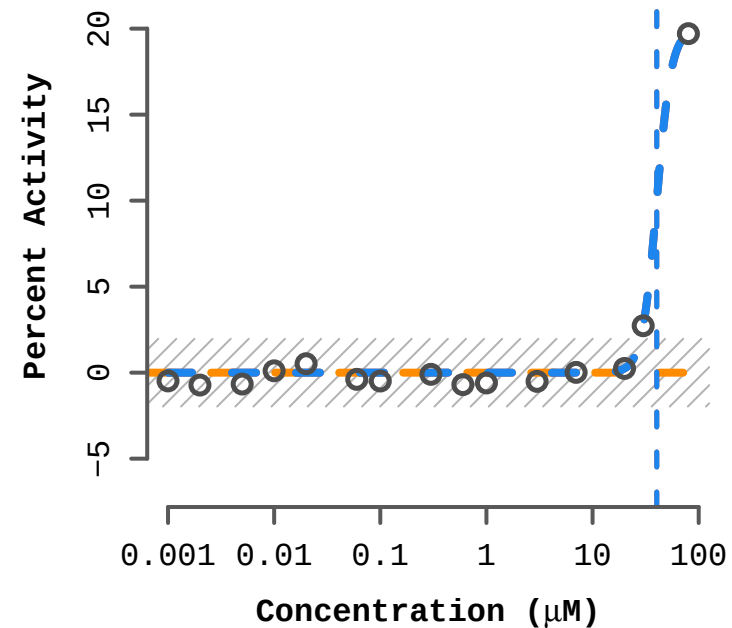
	tp	ga	gw	la	lw
val:	2.47	1.41	8	1.68	18
sd:	0.913	0.061	4.06	0.687	57.6

	CNST	HILL	GNLS
AIC:	32.39	38.19	33.95
PROB:	0.66	0.04	0.3
RMSE:	0.72	0.69	0.49

MAX_MEAN: 2.06

MAX_MED: 2.06

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,4,5-Tetrachlorobenzene

CHID: 24320 CASRN: 95-94-3

SPID(S): Tox21_201707

M4ID: 11454105

HILL MODEL (in red):

	tp	ga	gw
val:	20	1.61	6.26
sd:	0.393	0.0161	0.688

GAIN-LOSS MODEL (in blue):

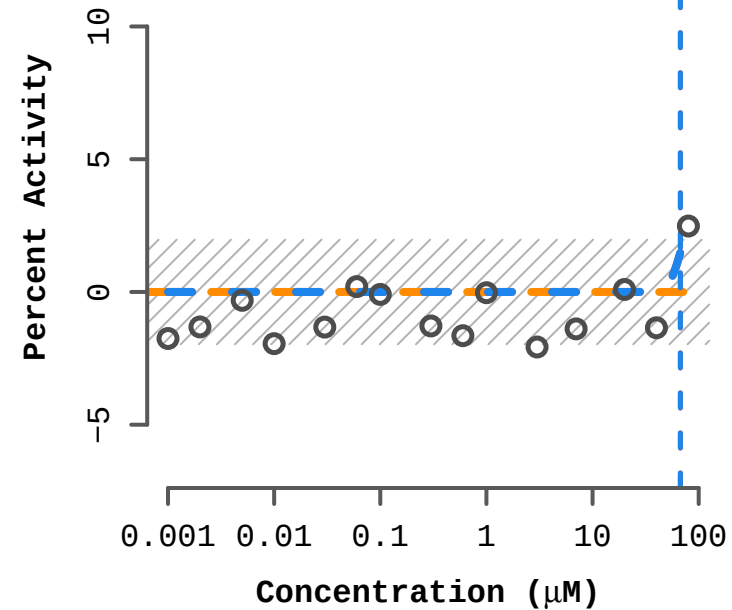
	tp	ga	gw	la	lw
val:	20	1.61	6.26	2.53	10.7
sd:	0.367	0.0161	0.688	252	6960

	CNST	HILL	GNLS
AIC:	62.09	28.27	32.27
PROB:	0	0.88	0.12
RMSE:	5.16	0.44	0.44

MAX_MEAN: 19.7

MAX_MED: 19.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sulfotepp

CHID: 24328 CASRN: 3689-24-5

SPID(S): Tox21_201756

M4ID: 11454056

HILL MODEL (in red):

	tp	ga	gw
val:	2.98	1.83	8
sd:	3.01	0.217	8.78

GAIN-LOSS MODEL (in blue):

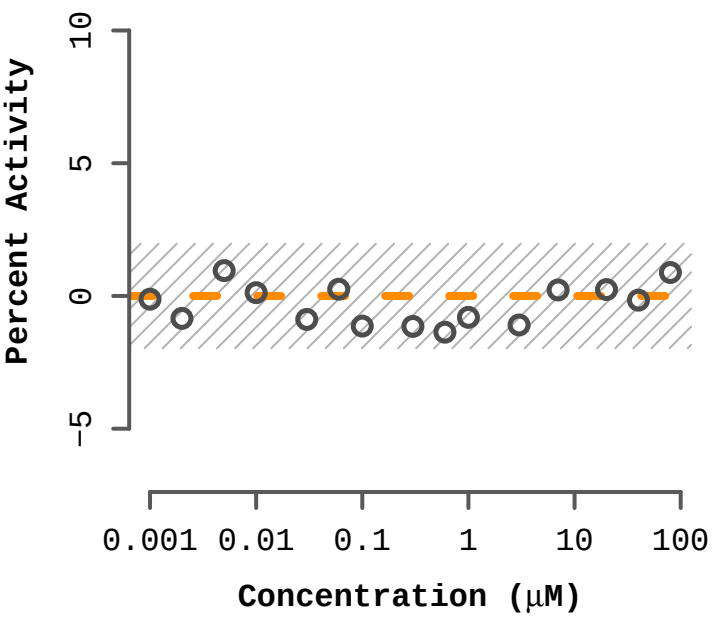
	tp	ga	gw	la	lw
val:	2.98	1.83	8	2.98	17.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	56.7	59.09	63.09
PROB:	0.74	0.23	0.03
RMSE:	1.39	1.24	1.24

MAX_MEAN: 2.48

MAX_MED: 2.48

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thiobencarb

CHID: 24337 **CASRN:** 28249-77-6

SPID(S): Tox21_202360

M4ID: 11453452

HILL MODEL: Not applicable.

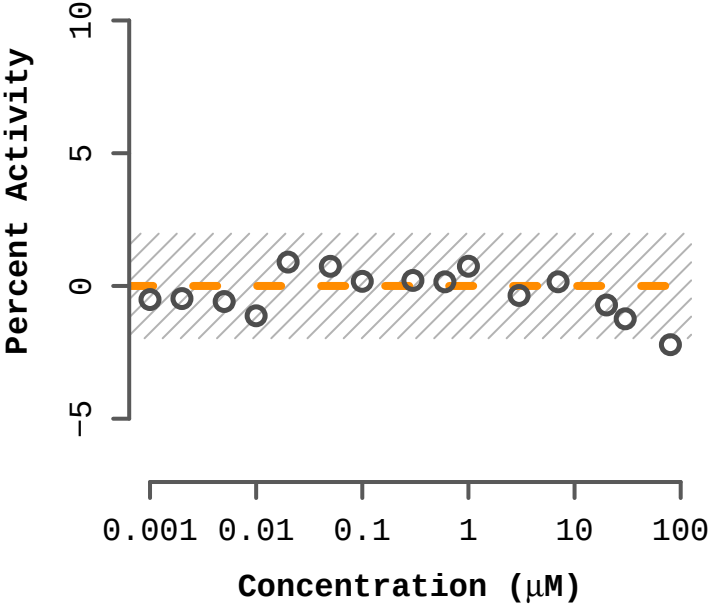
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.29	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA

MAX_MEAN: 0.955

MAX_MED: 0.955

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

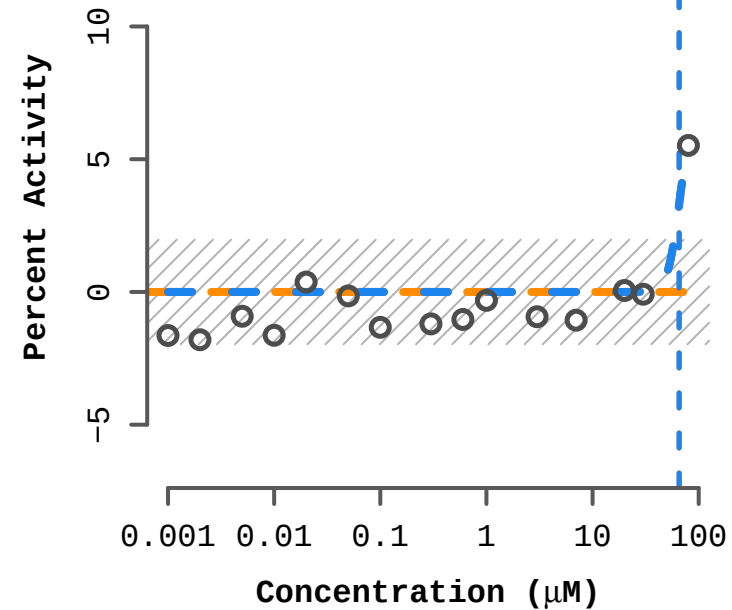
NAME: Thiophanate-methyl
CHID: 24338 CASRN: 23564-05-8
SPID(S): Tox21_201679
M4ID: 11454133

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.31	NA	NA
PROB:	1	NA	NA
RMSE:	0.86	NA	NA

MAX_MEAN: 0.9	MAX_MED: 0.9	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tri-allyl

CHID: 24344 CASRN: 2303-17-5

SPID(S): Tox21_201817

M4ID: 11453995

HILL MODEL (in red):

	tp	ga	gw
val:	6.62	1.82	8
sd:	24	1.12	26.5

GAIN-LOSS MODEL (in blue):

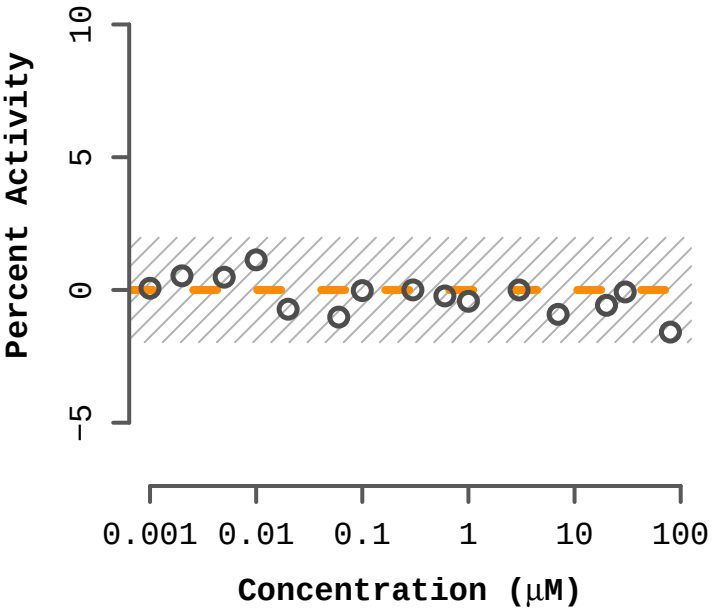
	tp	ga	gw	la	lw
val:	6.62	1.82	8	3.55	3.67
sd:	35.7	1.67	27.2	3320	7390

	CNST	HILL	GNLS
AIC:	57.93	53.42	57.42
PROB:	0.08	0.81	0.11
RMSE:	1.76	1.03	1.03

MAX_MEAN: 5.52

MAX_MED: 5.52

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

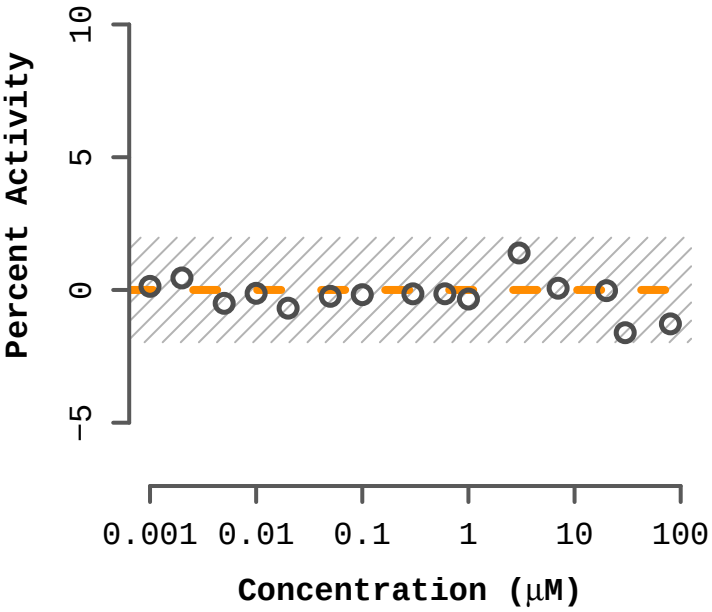
NAME: 1,2,4-Tribromobenzene
CHID: 24346 CASRN: 615-54-3
SPID(S): Tox21_201862
M4ID: 11453950

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.36	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 1.13 MAX_MED: 1.13 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

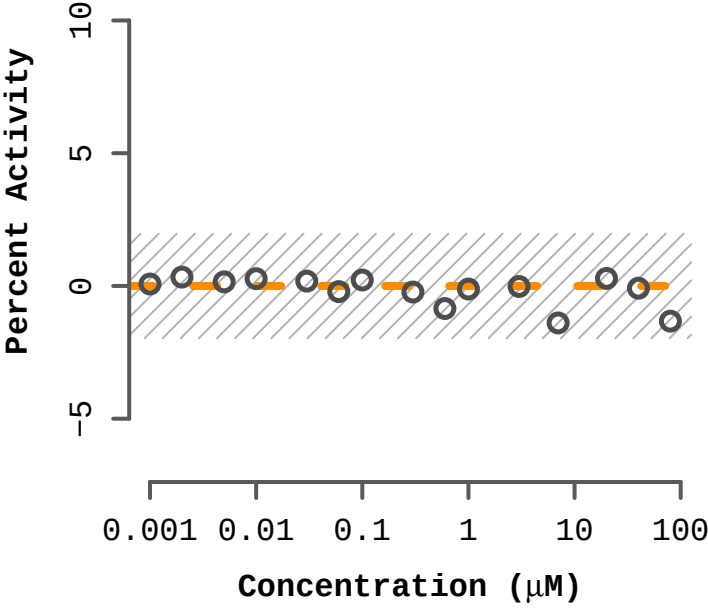
NAME: 2,4,5-Trichlorophenol
CHID: 24359 CASRN: 95-95-4
SPID(S): Tox21_201545
M4ID: 11454267

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.61	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 1.39 MAX_MED: 1.39 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-[2-(2-Ethoxyethoxy)ethoxy]ethanol

CHID: 24368 **CASRN:** 112-50-5

SPID(S): Tox21_201320

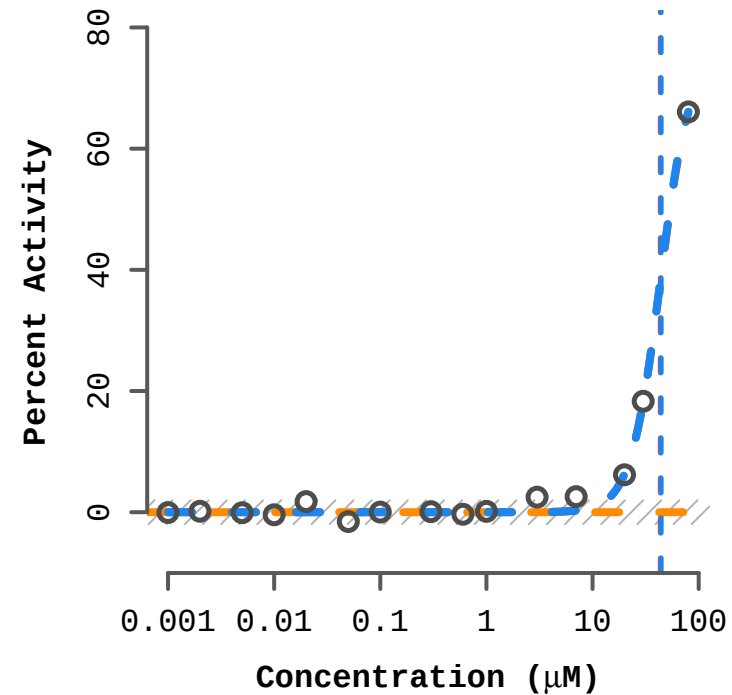
M4ID: 11454492

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.84	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 0.336 **MAX_MED:** 0.336 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acetoacetanilide

CHID: 24397 CASRN: 102-01-2

SPID(S): Tox21_201405

M4ID: 11454407

HILL MODEL (in red):

	tp	ga	gw
val:	76.1	1.64	3.1
sd:	0.931	0.00765	0.0728

GAIN-LOSS MODEL (in blue):

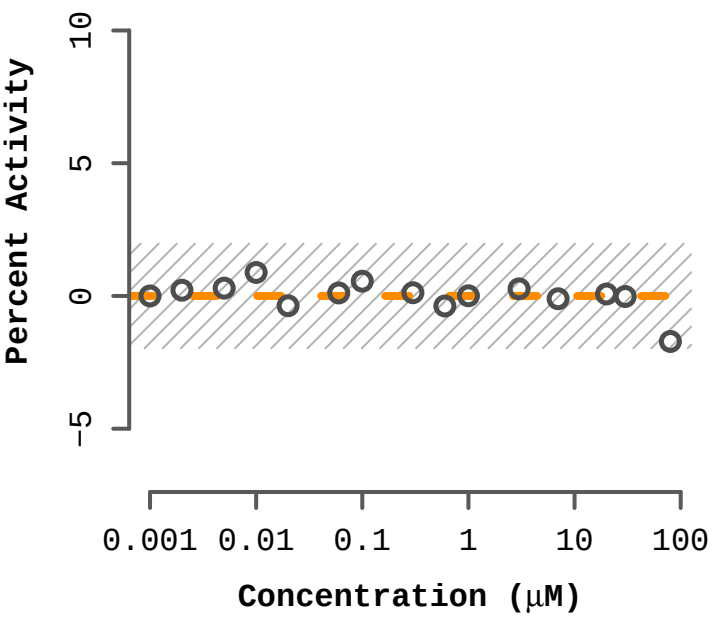
	tp	ga	gw	la	lw
val:	79.3	1.65	3.08	2.56	2.24
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	106.05	49.85	53.84
PROB:	0	0.88	0.12
RMSE:	17.81	1.07	1.07

MAX_MEAN: 66.1

MAX_MED: 66.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Acetylpyridine

CHID: 24409 **CASRN:** 1122-62-9

SPID(S): Tox21_201499

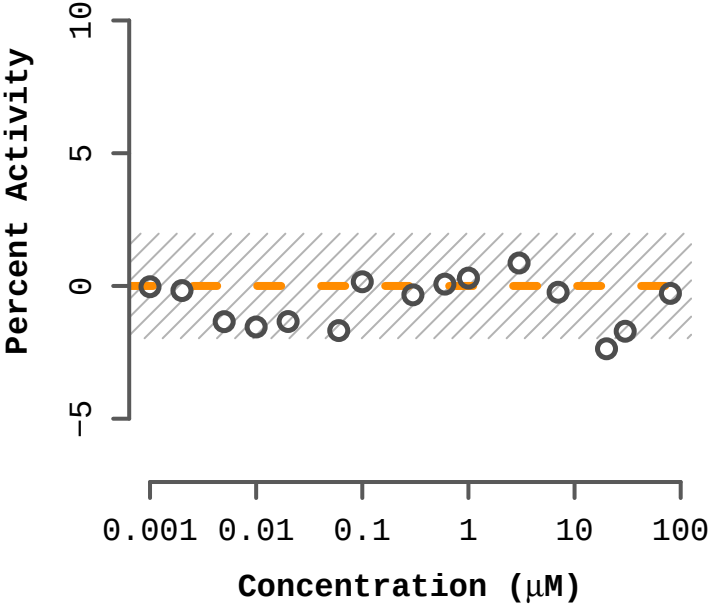
M4ID: 11454313

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	21.7	NA	NA
PROB:	1	NA	NA
RMSE:	0.55	NA	NA

MAX_MEAN:	0.886	MAX_MED:	0.886	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Amiloride hydrochloride

CHID: 24452 **CASRN:** 2016-88-8

SPID(S): Tox21_201386

M4ID: 11454426

HILL MODEL: Not applicable.

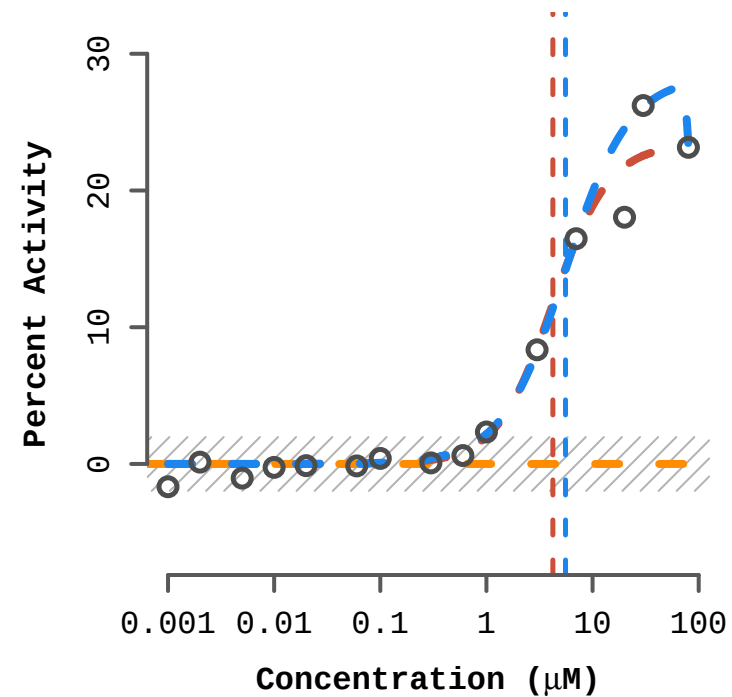
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.42	NA	NA
PROB:	1	NA	NA
RMSE:	1.11	NA	NA

MAX_MEAN: 0.866

MAX_MED: 0.866

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Aminoanthracene

CHID: 24458 CASRN: 613-13-8

SPID(S): Tox21_201567

M4ID: 11454245

HILL MODEL (in red):

	tp	ga	gw
val:	23.4	0.626	1.65
sd:	0.69	0.0287	0.156

GAIN-LOSS MODEL (in blue):

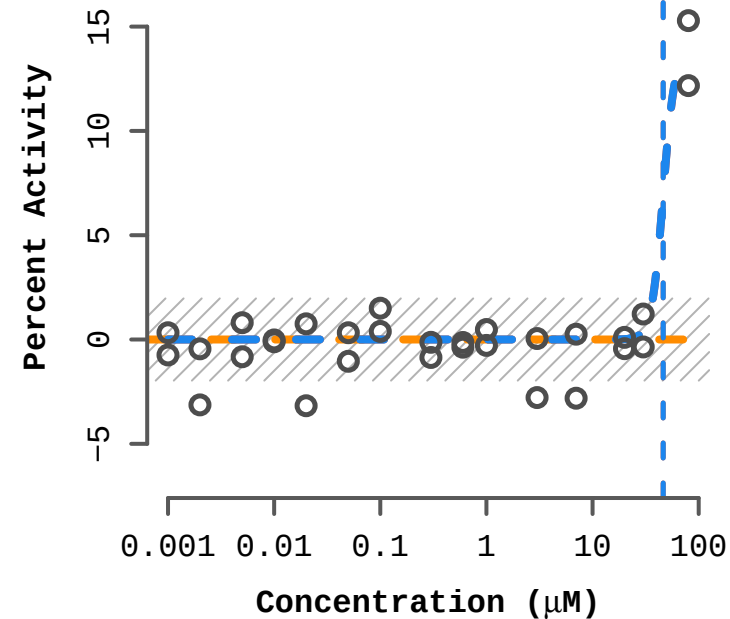
	tp	ga	gw	la	lw
val:	28.4	0.745	1.45	1.94	18
sd:	0.727	0.0246	0.0874	0.00563	1.8

	CNST	HILL	GNLS
AIC:	114.94	55.42	52.51
PROB:	0	0.19	0.81
RMSE:	11.26	1.45	1.76

MAX_MEAN: 26.2

MAX_MED: 26.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Aminoazobenzene

CHID: 24460 CASRN: 60-09-3

SPID(S): Tox21_400019

M4ID: 11453329

HILL MODEL (in red):

	tp	ga	gw
val:	13.9	1.67	8
sd:	4	0.502	19.9

GAIN-LOSS MODEL (in blue):

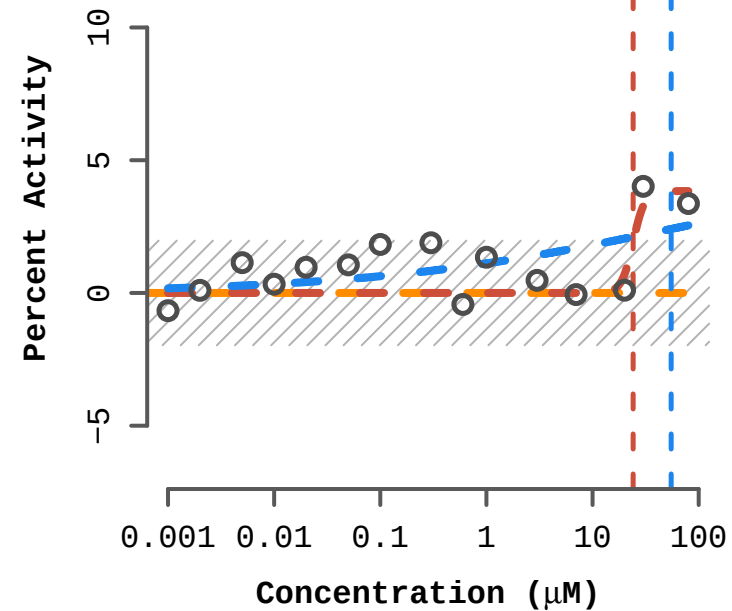
	tp	ga	gw	la	lw
val:	14.1	1.67	8	3.23	1.42
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	132.93	104.78	108.78
PROB:	0	0.88	0.12
RMSE:	3.77	1.28	1.28

MAX_MEAN: 13.7

MAX_MED: 13.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Aminobenzimidazole

CHID: 24465 CASRN: 934-32-7

SPID(S): Tox21_201949

M4ID: 11453863

HILL MODEL (in red):

	tp	ga	gw
val:	3.84	1.38	8
sd:	0.718	0.0492	4.59

GAIN-LOSS MODEL (in blue):

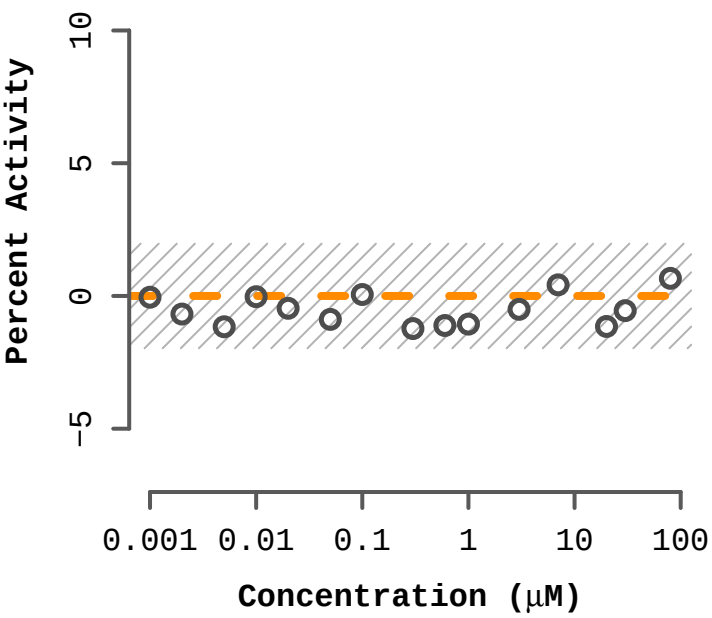
	tp	ga	gw	la	lw
val:	4.82	1.74	0.3	3.63	4.77
sd:	6.93	3.2	0.232	2410	6670

	CNST	HILL	GNLS
AIC:	58.59	51.21	59.68
PROB:	0.02	0.96	0.01
RMSE:	1.64	0.97	1.11

MAX_MEAN: 4.02

MAX_MED: 4.02

BMAD: 0.657



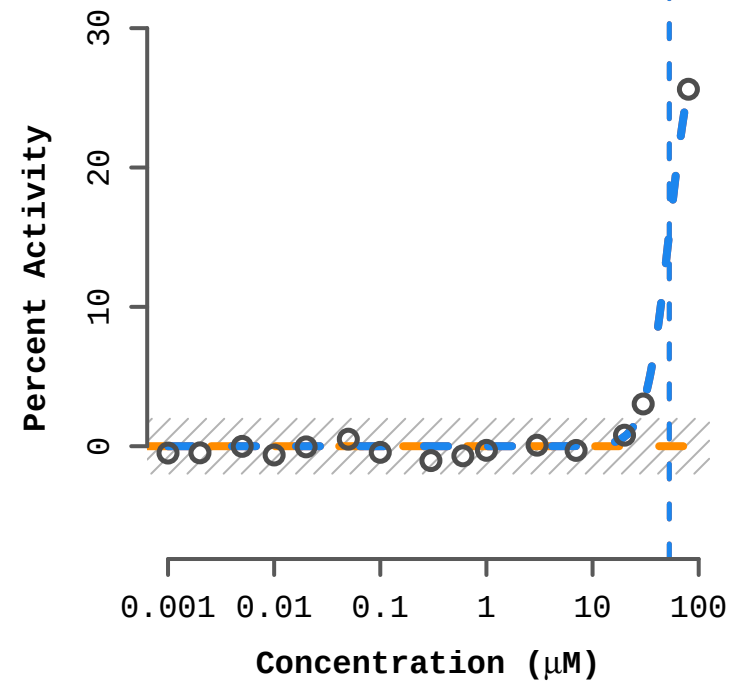
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Aminobenzoic acid
CHID: 24466 CASRN: 150-13-0
SPID(S): Tox21_201702
M4ID: 11454110

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.49	NA	NA
PROB:	1	NA	NA
RMSE:	0.78	NA	NA
MAX_MEAN:	0.665	MAX_MED: 0.665	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Amino-6-methoxybenzothiazole

CHID: 24485 CASRN: 1747-60-0

SPID(S): Tox21_201425

M4ID: 11454387

HILL MODEL (in red):

	tp	ga	gw
val:	30.7	1.72	3.88
sd:	0.947	0.0155	0.217

GAIN-LOSS MODEL (in blue):

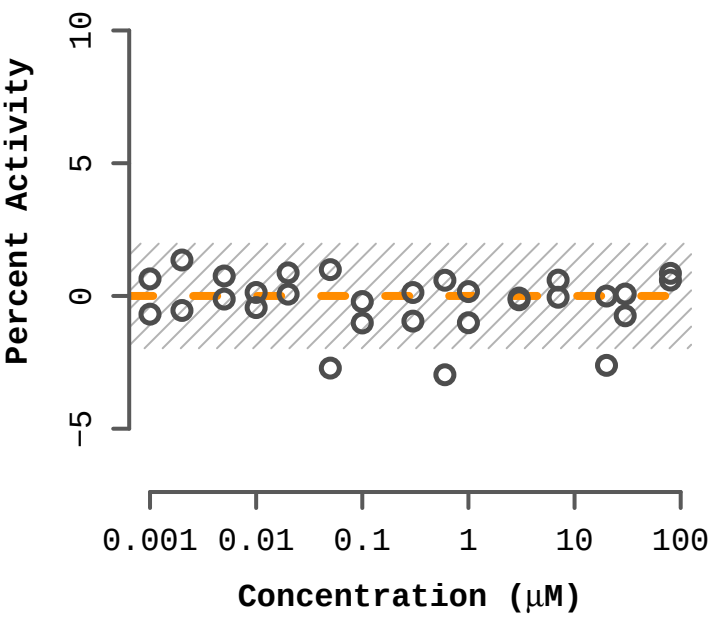
	tp	ga	gw	la	lw
val:	30.7	1.72	3.88	3.9	14.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	66.56	27.46	31.46
PROB:	0	0.88	0.12
RMSE:	6.68	0.45	0.45

MAX_MEAN: 25.6

MAX_MED: 25.6

BMAD: 0.657



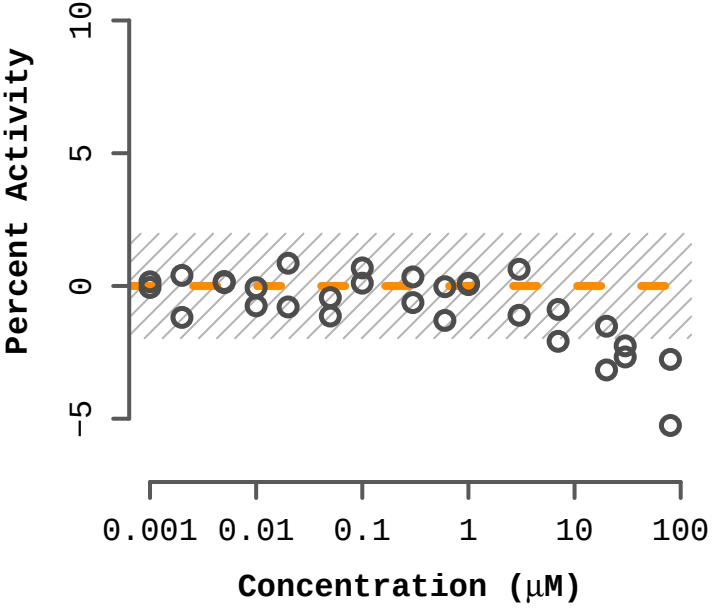
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 5-Amino-2-methylphenol
CHID: 24489 **CASRN:** 2835-95-2
SPID(S): Tox21_400033
M4ID: 11453315

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	86.46	NA	NA
PROB:	1	NA	NA
RMSE:	1.06	NA	NA
MAX_MEAN:	0.726	MAX_MED: 0.726	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Amino-6-nitrobenzothiazole

CHID: 24491 CASRN: 6285-57-0

SPID(S): Tox21_400044

M4ID: 11453304

HILL MODEL: Not applicable.

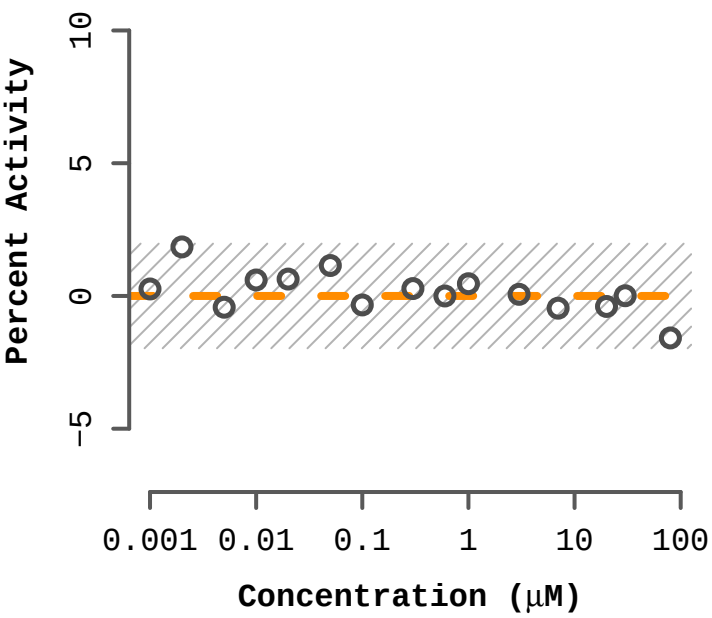
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	109.12	NA	NA
PROB:	1	NA	NA
RMSE:	1.57	NA	NA

MAX_MEAN: 0.393

MAX_MED: 0.393

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

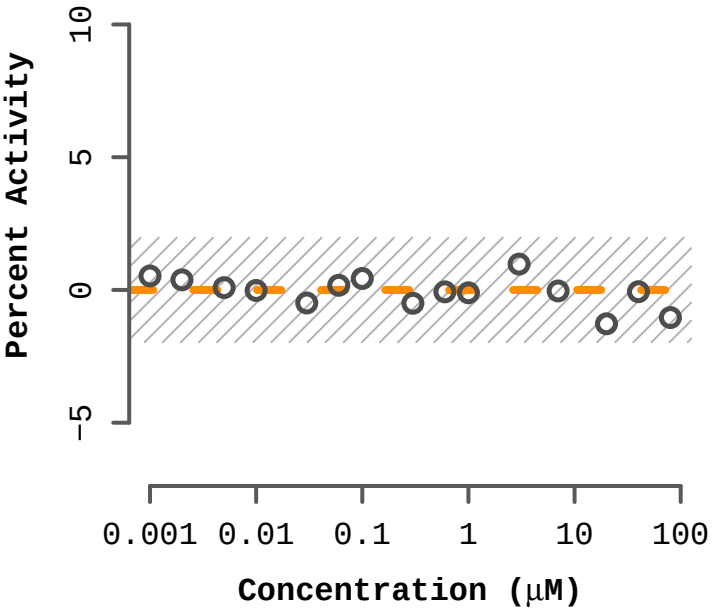
NAME: 5-Aminosalicylic acid
CHID: 24506 CASRN: 89-57-6
SPID(S): Tox21_201610
M4ID: 11454202

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.18	NA	NA
PROB:	1	NA	NA
RMSE:	0.78	NA	NA

MAX_MEAN: 1.85	MAX_MED: 1.85	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-(Trifluoromethyl)aniline

CHID: 24512 CASRN: 98-16-8

SPID(S): Tox21_201909

M4ID: 11453903

HILL MODEL: Not applicable.

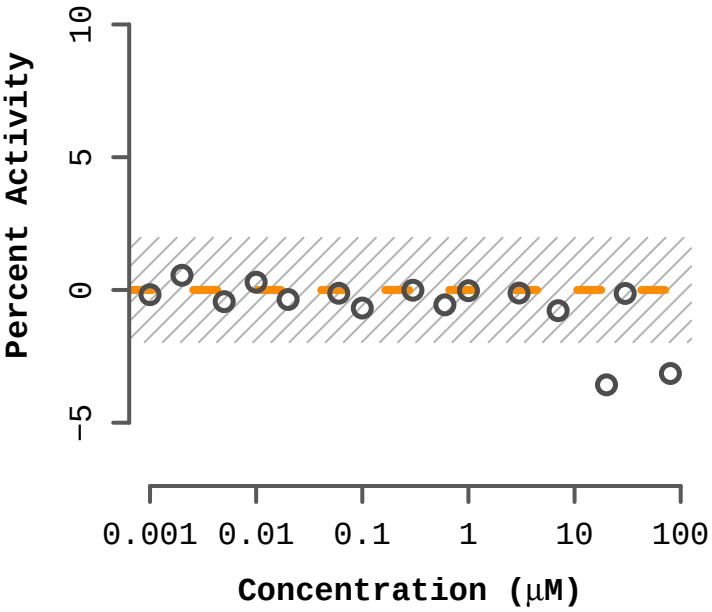
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	27.42	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 0.975

MAX_MED: 0.975

BMAD: 0.657



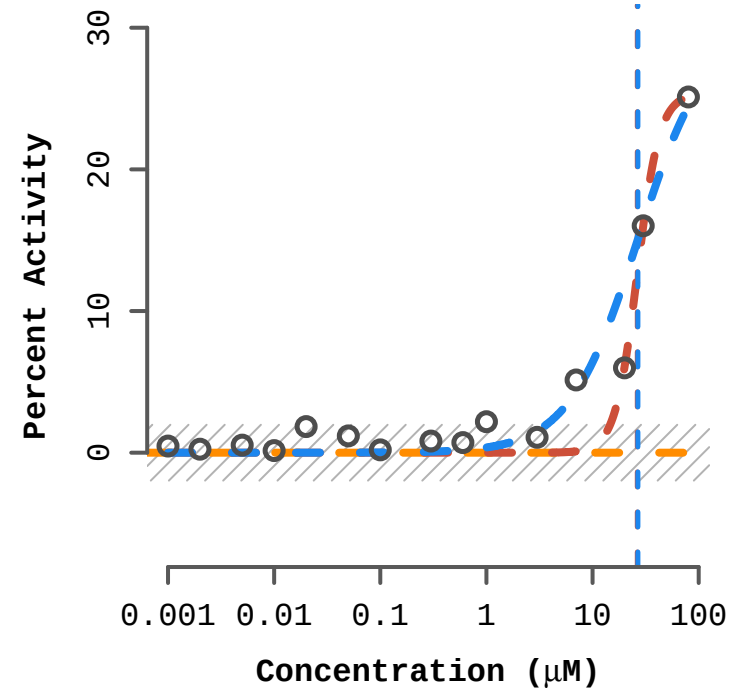
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ammonium perchlorate
CHID: 24515 CASRN: 7790-98-9
SPID(S): Tox21_202293
M4ID: 11453519

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.57	NA	NA
PROB:	1	NA	NA
RMSE:	1.29	NA	NA
MAX_MEAN:	0.554	MAX_MED: 0.554	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Androstene-3,17-dione

CHID: 24523 CASRN: 63-05-8

SPID(S): Tox21_202269

M4ID: 11453543

HILL MODEL (in red):

	tp	ga	gw
val:	25.4	1.42	4.19
sd:	0.88	0.0145	0.609

GAIN-LOSS MODEL (in blue):

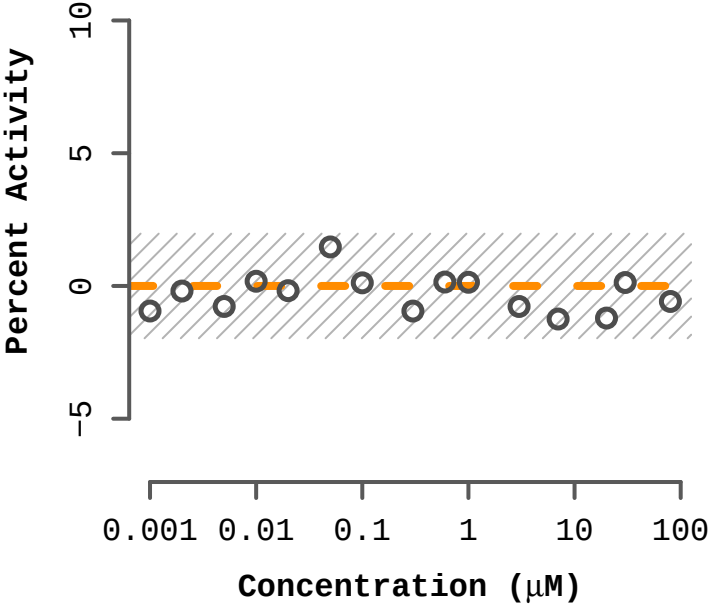
	tp	ga	gw	la	lw
val:	30.1	1.43	1.34	3.27	6.07
sd:	3.27	0.0877	0.215	688	3050

	CNST	HILL	GNLS
AIC:	97.33	59.29	64
PROB:	0	0.91	0.09
RMSE:	8.01	1.59	1.81

MAX_MEAN: 25.1

MAX_MED: 25.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Anise oil

CHID: 24528 CASRN: 8007-70-3

SPID(S): Tox21_201615

M4ID: 11454197

HILL MODEL: Not applicable.

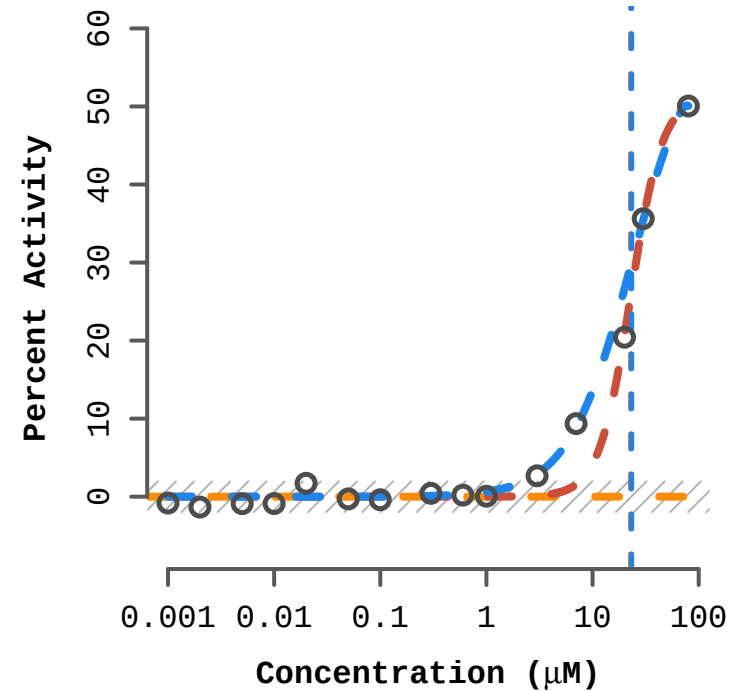
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.65	NA	NA
PROB:	1	NA	NA
RMSE:	0.76	NA	NA

MAX_MEAN: 1.47

MAX_MED: 1.47

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methoxyaniline

CHID: 24532 CASRN: 104-94-9

SPID(S): Tox21_202437

M4ID: 11453375

HILL MODEL (in red):

	tp	ga	gw
val:	51.4	1.36	2.92
sd:	1.17	0.0107	0.349

GAIN-LOSS MODEL (in blue):

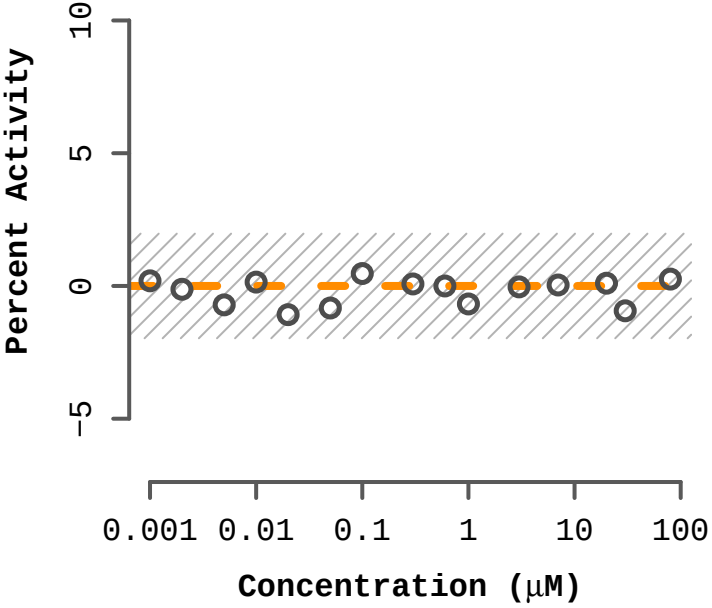
	tp	ga	gw	la	lw
val:	60.1	1.37	1.45	2.04	11.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	120.83	64.04	60.76
PROB:	0	0.16	0.84
RMSE:	16.92	2.23	1.76

MAX_MEAN: 50.1

MAX_MED: 50.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Anthralin

CHID: 24538 **CASRN:** 1143-38-0

SPID(S): Tox21_201851

M4ID: 11453961

HILL MODEL: Not applicable.

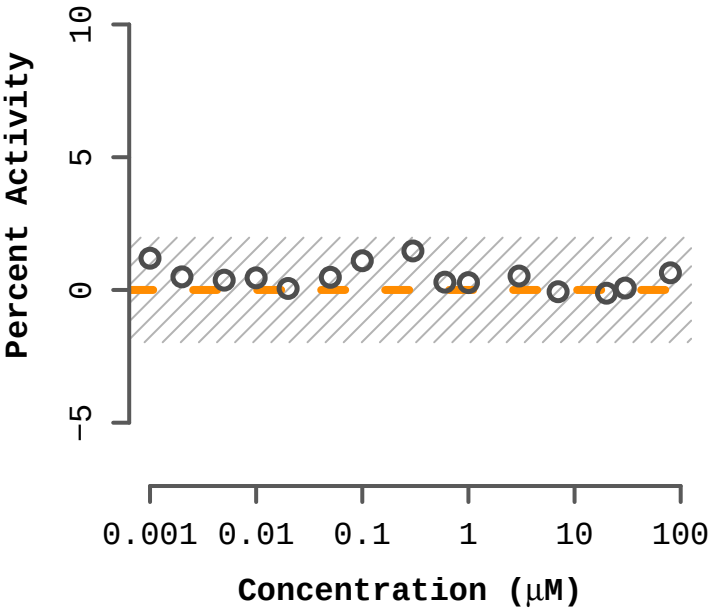
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.37	NA	NA
PROB:	1	NA	NA
RMSE:	0.52	NA	NA

MAX_MEAN: 0.469

MAX_MED: 0.469

BMAD: 0.657



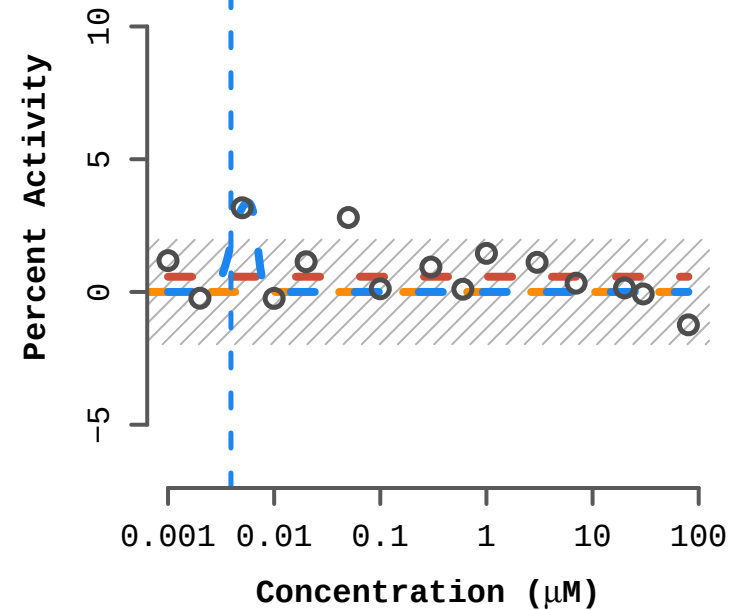
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Azodicarbonamide
CHID: 24553 CASRN: 123-77-3
SPID(S): Tox21_201849
M4ID: 11453963

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.37	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA
MAX_MEAN:	1.47	MAX_MED: 1.47	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzenesulfonic acid

CHID: 24568 CASRN: 98-11-3

SPID(S): Tox21_201960

M4ID: 11453852

HILL MODEL (in red):

	tp	ga	gw
val:	0.574	-4.98	3.24
sd:	0.273	896	1500

GAIN-LOSS MODEL (in blue):

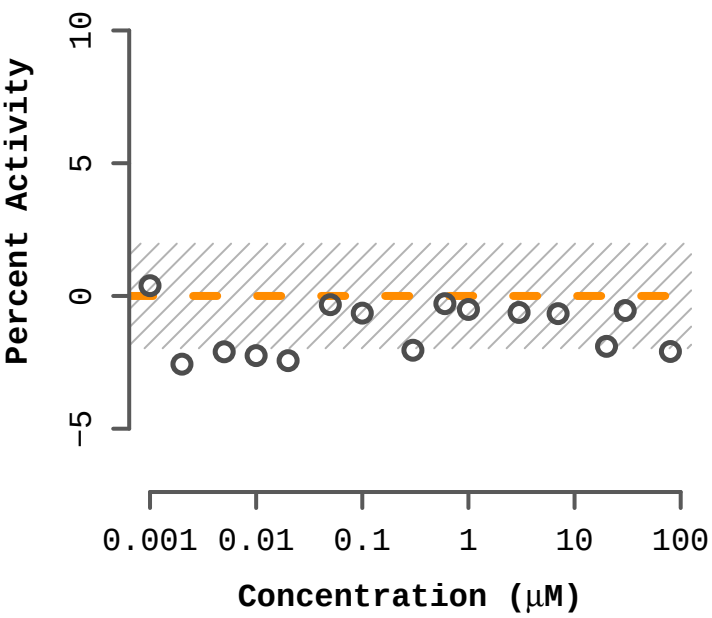
	tp	ga	gw	la	lw
val:	3.63	-2.41	7.98	-2.16	18
sd:	10.6	1.08	19.6	0.704	85.8

	CNST	HILL	GNLS
AIC:	52.5	54.22	55.36
PROB:	0.6	0.25	0.14
RMSE:	1.33	1.13	1.05

MAX_MEAN: 3.17

MAX_MED: 3.17

BMAD: 0.657



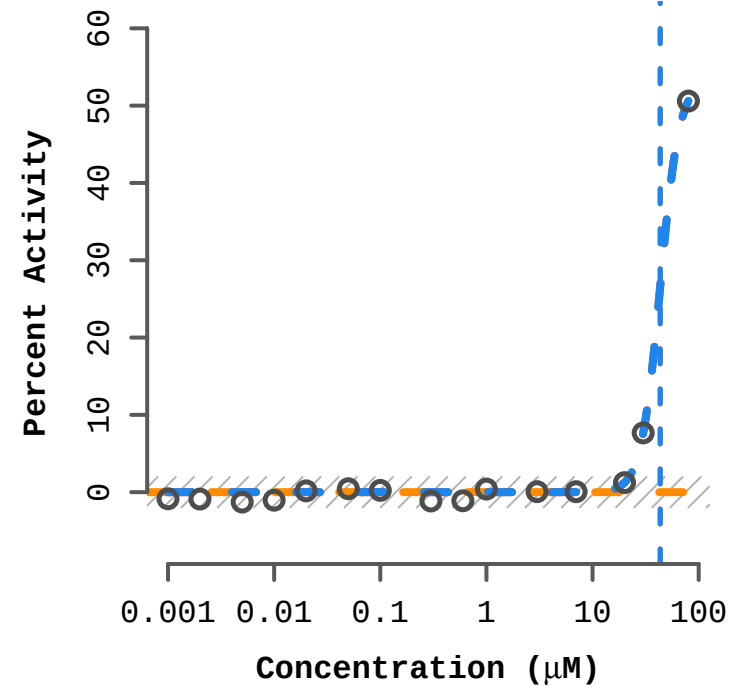
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzimidazole
CHID: 24573 CASRN: 51-17-2
SPID(S): Tox21_202107
M4ID: 11453705

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	59.67	NA	NA
PROB:	1	NA	NA
RMSE:	1.56	NA	NA
MAX_MEAN:	0.388	MAX_MED: 0.388	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzo(f)quinoline

CHID: 24585 CASRN: 85-02-9

SPID(S): Tox21_201772

M4ID: 11454040

HILL MODEL (in red):

	tp	ga	gw
val:	53.2	1.64	4.82
sd:	0.721	0.00963	0.202

GAIN-LOSS MODEL (in blue):

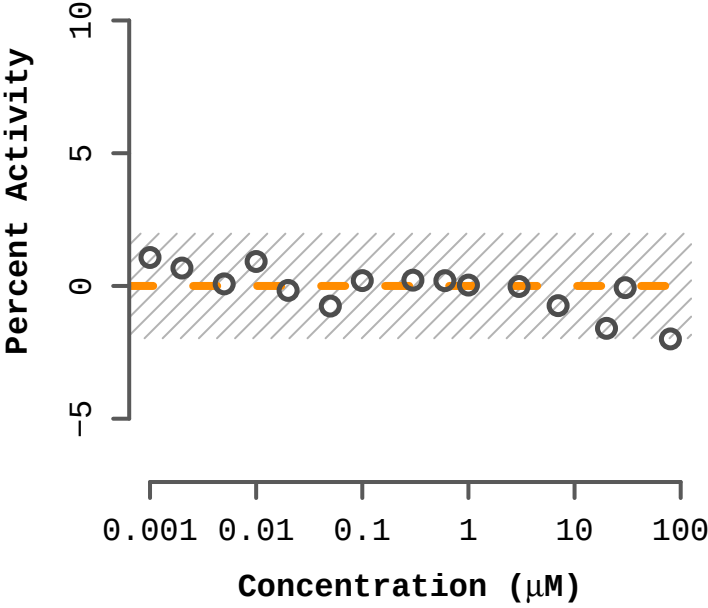
	tp	ga	gw	la	lw
val:	53.2	1.64	4.82	2.98	5.83
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	86.29	40.64	44.64
PROB:	0	0.88	0.12
RMSE:	13.23	0.69	0.69

MAX_MEAN: 50.6

MAX_MED: 50.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzothiazole

CHID: 24586 **CASRN:** 95-16-9

SPID(S): Tox21_201853

M4ID: 11453959

HILL MODEL: Not applicable.

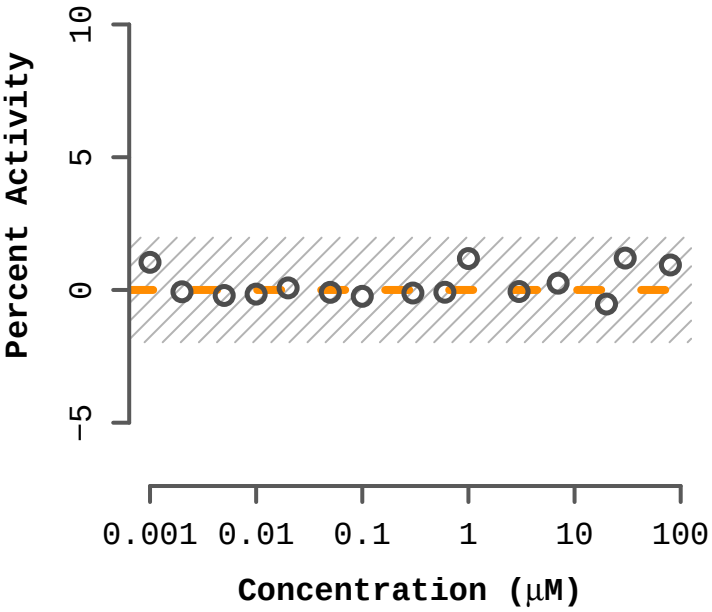
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.3	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN: 1.07

MAX_MED: 1.07

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

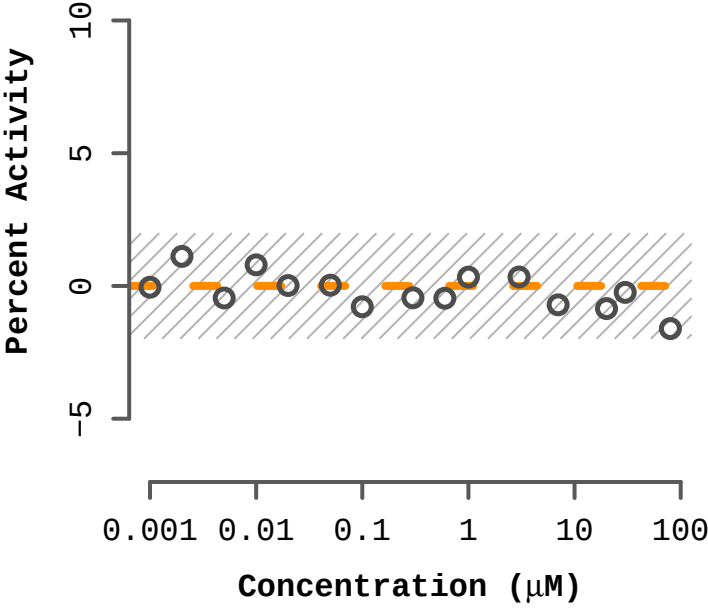
NAME: Benzyl salicylate
CHID: 24598 CASRN: 118-58-1
SPID(S): Tox21_201869
M4ID: 11453943

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.42	NA	NA
PROB:	1	NA	NA
RMSE:	0.6	NA	NA

MAX_MEAN: 1.2	MAX_MED: 1.2	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzyltrimethylammonium chloride

CHID: 24600 CASRN: 56-93-9

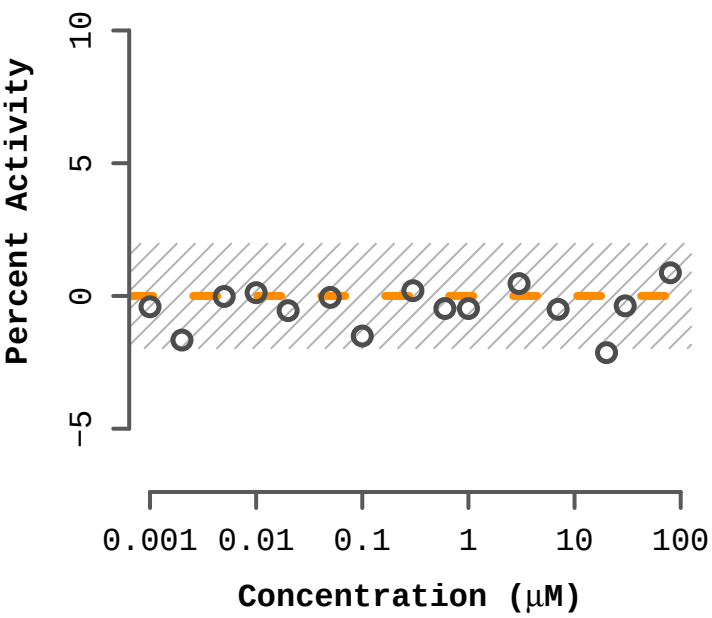
SPID(S): Tox21_201587

M4ID: 11454225

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.41	NA	NA
PROB:	1	NA	NA
RMSE:	0.69	NA	NA
MAX_MEAN:	1.11	MAX_MED:	1.11
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bis(2-methoxyethyl) ether

CHID: 24621 CASRN: 111-96-6

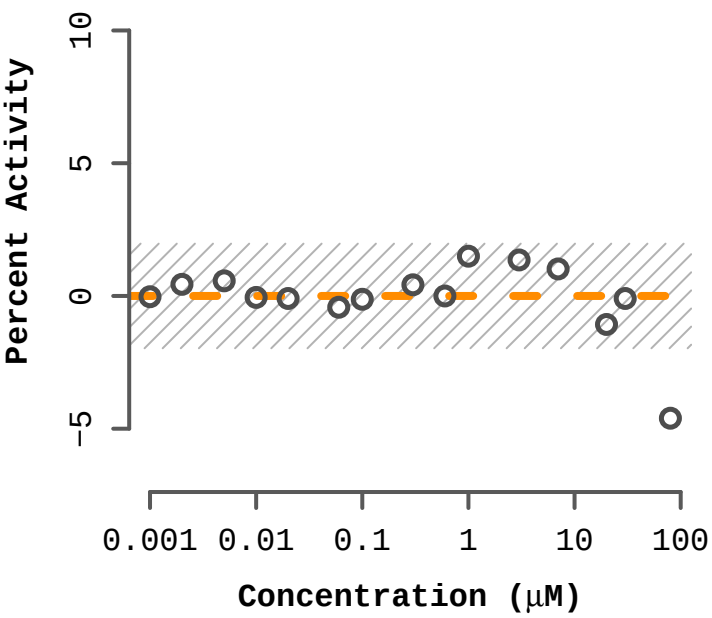
SPID(S): Tox21_202340

M4ID: 11453472

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.89	NA	NA
MAX_MEAN: 0.875		MAX_MED: 0.875	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bisphenol A diglycidyl ether

CHID: 24624 CASRN: 1675-54-3

SPID(S): Tox21_202141

M4ID: 11453671

HILL MODEL: Not applicable.

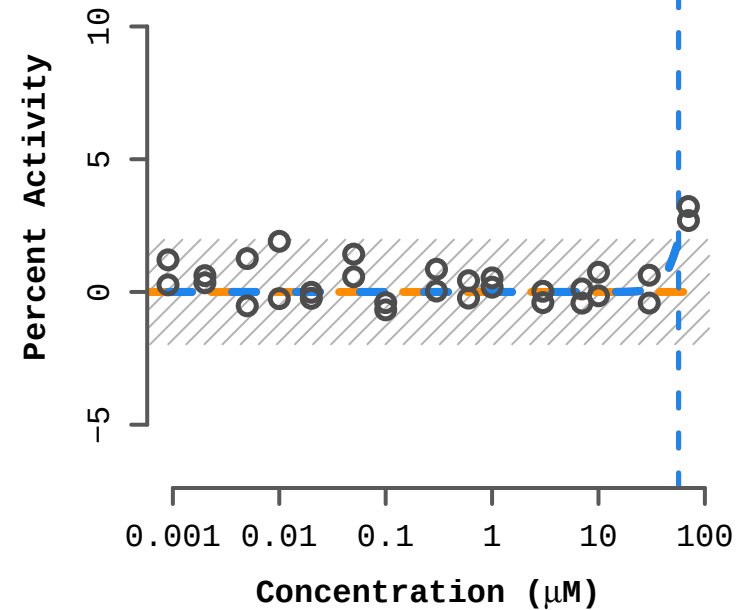
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.83	NA	NA
PROB:	1	NA	NA
RMSE:	1.38	NA	NA

MAX_MEAN: 1.5

MAX_MED: 1.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Bromobiphenyl

CHID: 24638 CASRN: 2052-07-5

SPID(S): Tox21_400039

M4ID: 11453309

HILL MODEL (in red):

	tp	ga	gw
val:	3.86	1.75	5.57
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

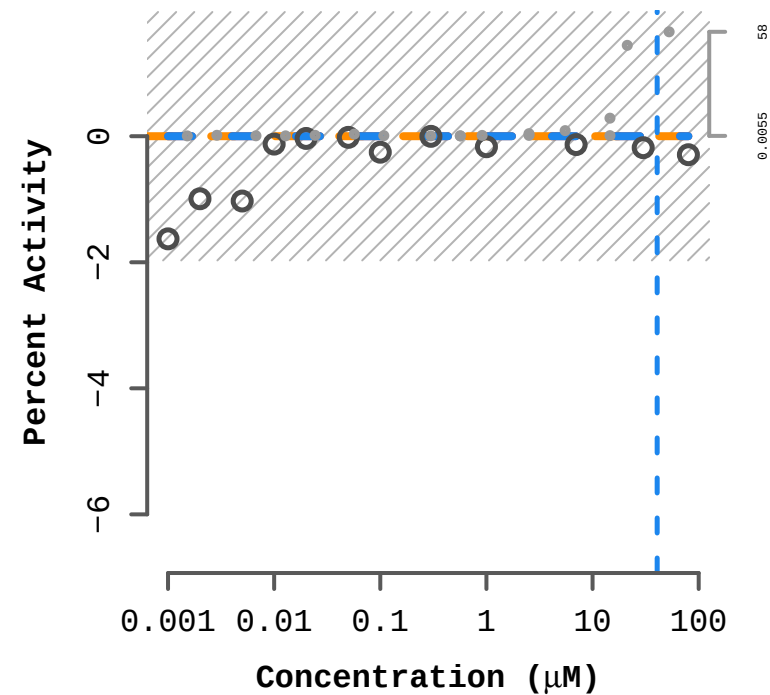
	tp	ga	gw	la	lw
val:	3.86	1.75	5.57	3.84	5.61
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	81.82	68.34	72.34
PROB:	0	0.88	0.12
RMSE:	1.02	0.67	0.67

MAX_MEAN: 2.96

MAX_MED: 2.96

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Bromo-1-propanol

CHID: 24657 CASRN: 627-18-9

SPID(S): Tox21_400042

M4ID: 11453306 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	0.00501	2.4	7.99
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

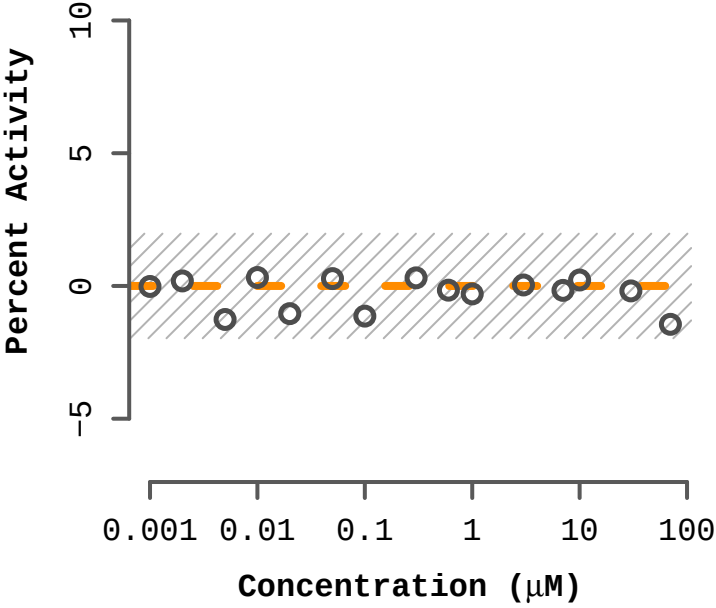
	tp	ga	gw	la	lw
val:	1.69e-09	1.61	7.04	3.21	6.59
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	155.47	161.47	165.47
PROB:	0.95	0.05	0.01
RMSE:	14.07	14.07	14.07

MAX_MEAN: 28.6

MAX_MED: 28.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Butanal oxime

CHID: 24664 **CASRN:** 110-69-0

SPID(S): Tox21_201786

M4ID: 11454026

HILL MODEL: Not applicable.

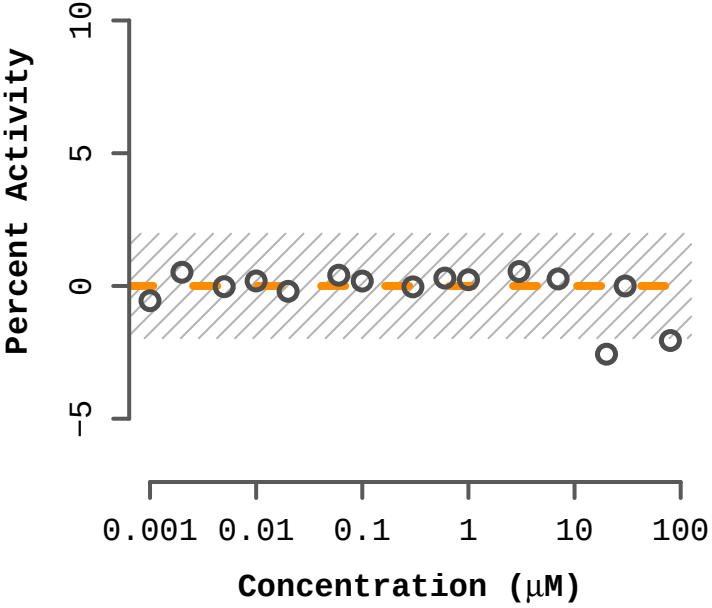
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA

MAX_MEAN: 0.32

MAX_MED: 0.32

BMAD: 0.657



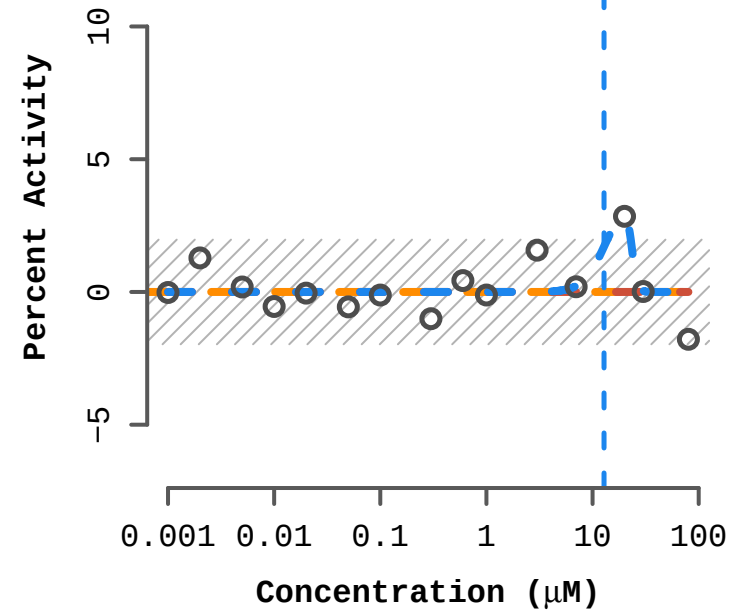
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,4-Butanediol
CHID: 24666 **CASRN:** 110-63-4
SPID(S): Tox21_202245
M4ID: 11453567

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.13	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA
MAX_MEAN: 0.544		MAX_MED: 0.544	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,4-Butanediol diglycidyl ether

CHID: 24667 CASRN: 2425-79-8

SPID(S): Tox21_202267

M4ID: 11453545

HILL MODEL (in red):

	tp	ga	gw
val:	1.79e-11	2.16	1.68
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

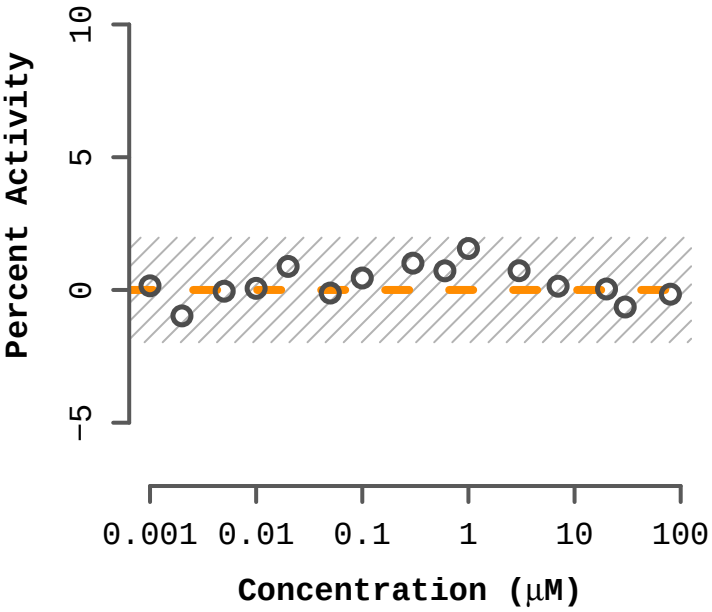
	tp	ga	gw	la	lw
val:	3.42	1.11	4.39	1.37	18
sd:	9.41	1.25	19.8	0.316	45.3

	CNST	HILL	GNLS
AIC:	45.05	51.05	46.04
PROB:	0.6	0.03	0.37
RMSE:	1.08	1.08	0.78

MAX_MEAN: 2.85

MAX_MED: 2.85

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,3,4-Butanetetra-carboxylic acid

CHID: 24670 CASRN: 1703-58-8

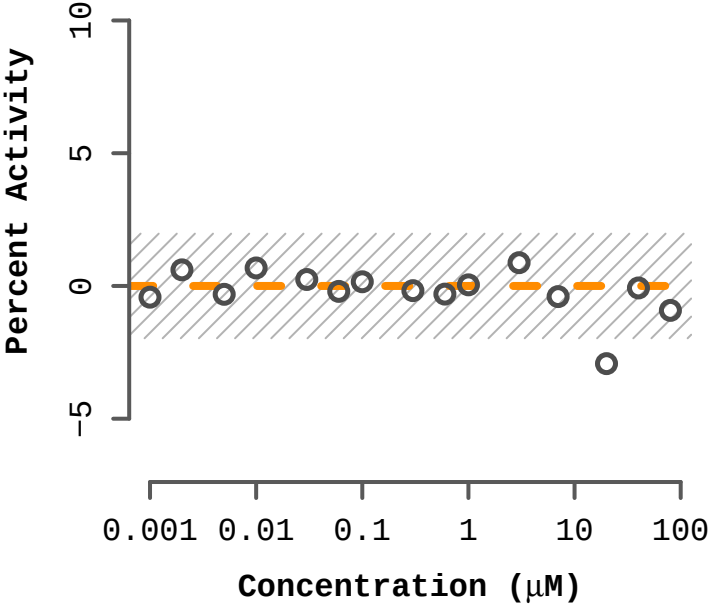
SPID(S): Tox21_201271

M4ID: 11454541

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.69	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA
MAX_MEAN: 1.56		MAX_MED: 1.56	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(2-Butoxyethoxy)ethyl thiocyanate

CHID: 24674 **CASRN:** 112-56-1

SPID(S): Tox21_201317

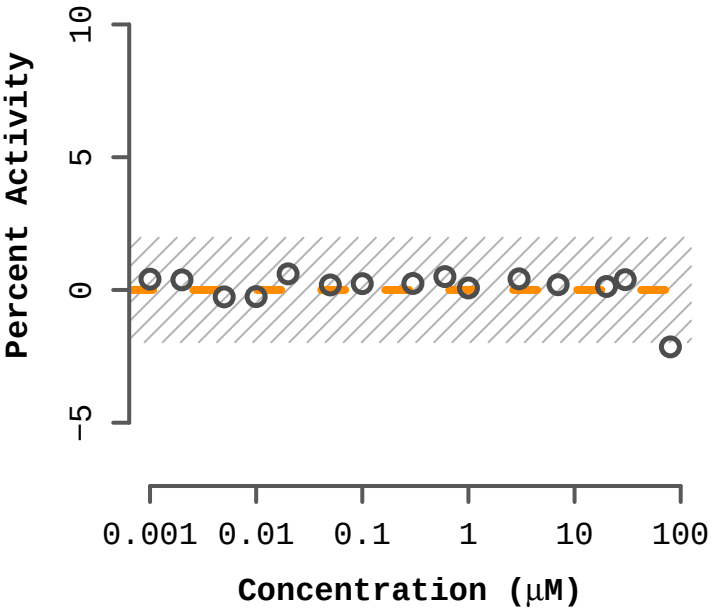
M4ID: 11454495

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.59	NA	NA
PROB:	1	NA	NA
RMSE:	0.88	NA	NA

MAX_MEAN: 0.879 **MAX_MED:** 0.879 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

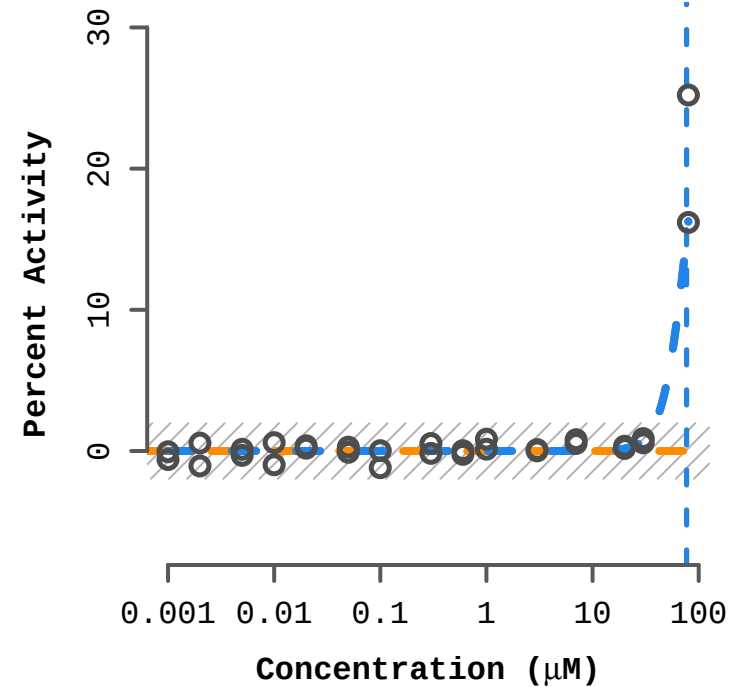
NAME: Butyl acrylate
CHID: 24676 CASRN: 141-32-2
SPID(S): Tox21_201387
M4ID: 11454425

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 0.609 MAX_MED: 0.609 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-tert-Butylcatechol

CHID: 24687 CASRN: 98-29-3

SPID(S): Tox21_400003

M4ID: 11453345

HILL MODEL (in red):

	tp	ga	gw
val:	30.3	1.89	3.87
sd:	0.883	0.00924	0.396

GAIN-LOSS MODEL (in blue):

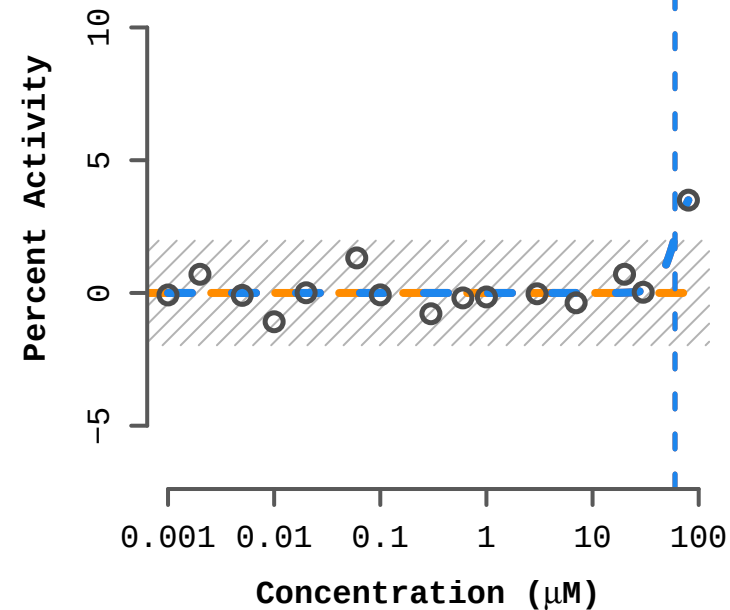
	tp	ga	gw	la	lw
val:	30.3	1.89	3.87	2.97	15.7
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	109.74	72.91	76.91
PROB:	0	0.88	0.12
RMSE:	5.5	1.7	1.7

MAX_MEAN: 20.7

MAX_MED: 20.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Butyl glycidyl ether

CHID: 24691 CASRN: 2426-08-6

SPID(S): Tox21_201746

M4ID: 11454066

HILL MODEL (in red):

	tp	ga	gw
val:	4.2	1.78	5.53
sd:	12.5	0.921	21.7

GAIN-LOSS MODEL (in blue):

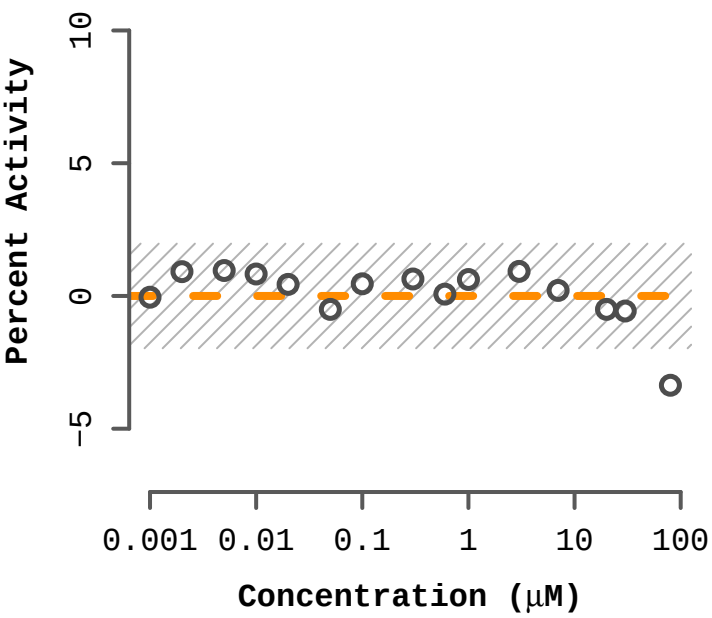
	tp	ga	gw	la	lw
val:	4.2	1.78	5.53	3.63	3.72
sd:	12.6	0.929	21.8	1920	4160

	CNST	HILL	GNLS
AIC:	39.7	32.33	36.33
PROB:	0.02	0.86	0.12
RMSE:	1.06	0.56	0.56

MAX_MEAN: 3.5

MAX_MED: 3.5

BMAD: 0.657



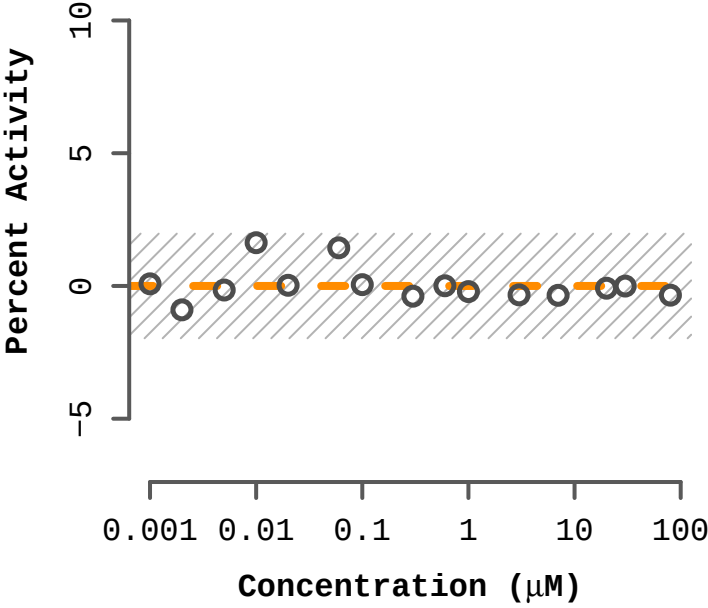
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: tert-Butyl perbenzoate
CHID: 24699 CASRN: 614-45-9
SPID(S): Tox21_202287
M4ID: 11453525

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	42.24	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.05	NA	NA	
MAX_MEAN:	0.96	MAX_MED:	0.96	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-tert-Butyltoluene

CHID: 24704 **CASRN:** 98-51-1

SPID(S): Tox21_202329

M4ID: 11453483

HILL MODEL: Not applicable.

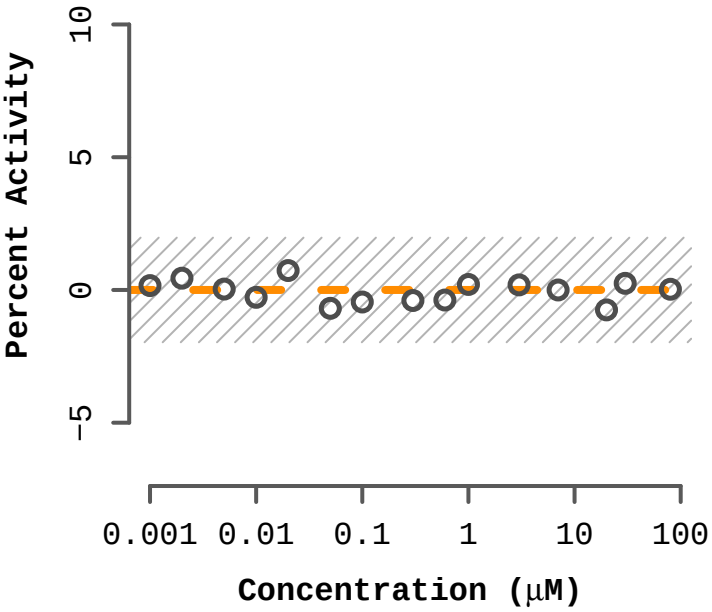
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	27.63	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 1.63

MAX_MED: 1.63

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: D-Camphor

CHID: 24721 **CASRN:** 464-49-3

SPID(S): Tox21_202187

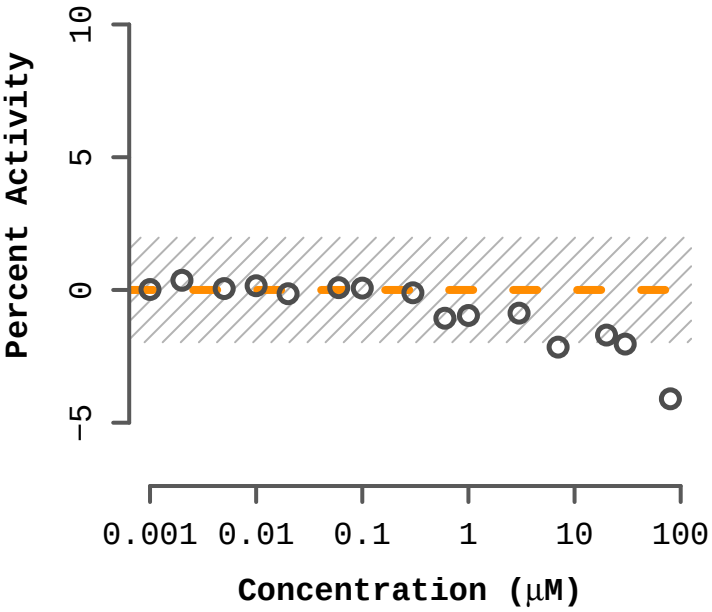
M4ID: 11453625

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	19.37	NA	NA
PROB:	1	NA	NA
RMSE:	0.41	NA	NA

MAX_MEAN: 0.733	MAX_MED: 0.733	BMAD: 0.657
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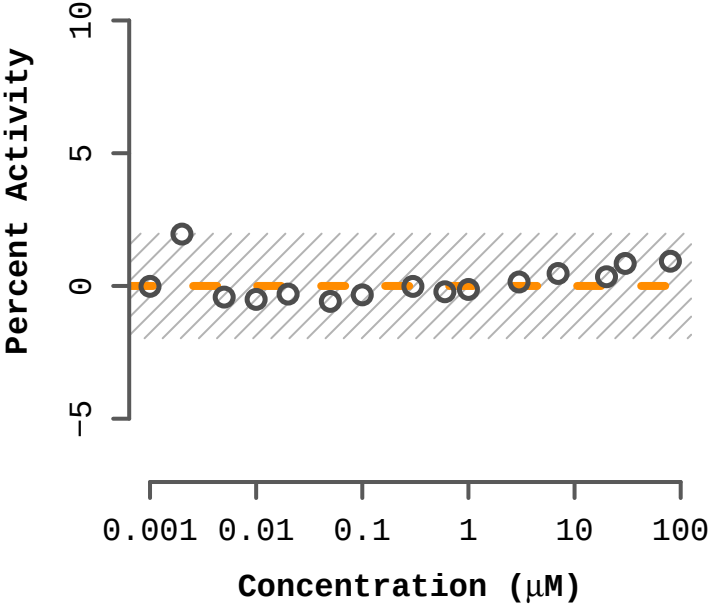
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Caprylyl chloride
CHID: 24724 CASRN: 111-64-8
SPID(S): Tox21_202251
M4ID: 11453561

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.17	NA	NA
PROB:	1	NA	NA
RMSE:	1.45	NA	NA
MAX_MEAN:	0.365	MAX_MED: 0.365	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carbendazim

CHID: 24729 CASRN: 10605-21-7

SPID(S): Tox21_202295

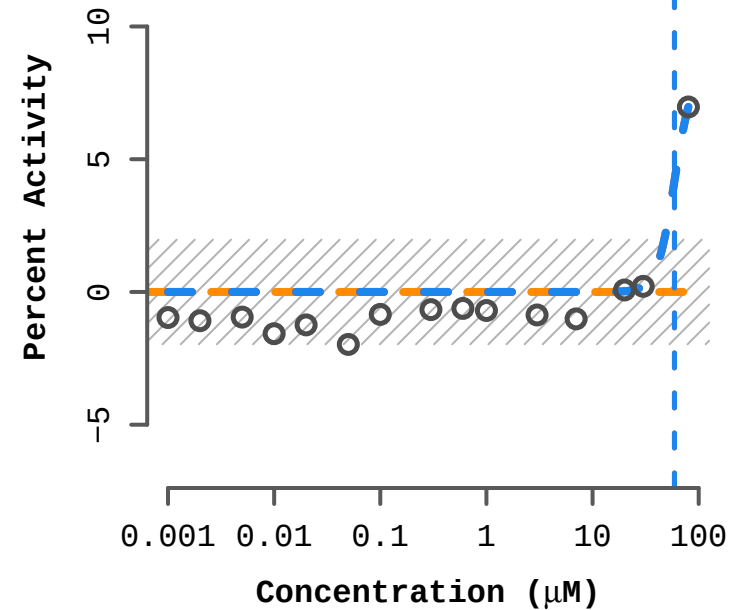
M4ID: 11453517

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.67	NA	NA
PROB:	1	NA	NA
RMSE:	0.67	NA	NA

MAX_MEAN: 1.95 MAX_MED: 1.95 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carvyl acetate

CHID: 24738 CASRN: 97-42-7

SPID(S): Tox21_201728

M4ID: 11454084

HILL MODEL (in red):

	tp	ga	gw
val:	8.36	1.77	5.32
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

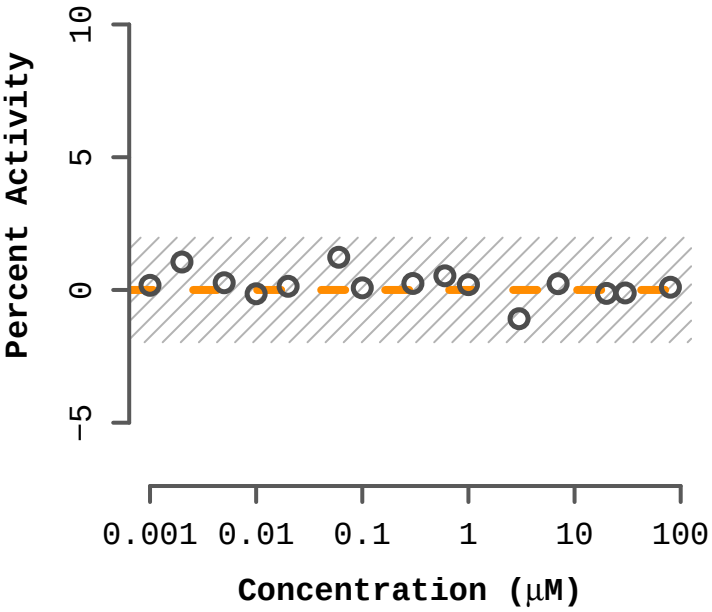
	tp	ga	gw	la	lw
val:	8.36	1.77	5.32	3.75	2.45
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	59.17	52.31	56.31
PROB:	0.03	0.86	0.12
RMSE:	2.05	0.99	0.99

MAX_MEAN: 6.97

MAX_MED: 6.97

BMAD: 0.657



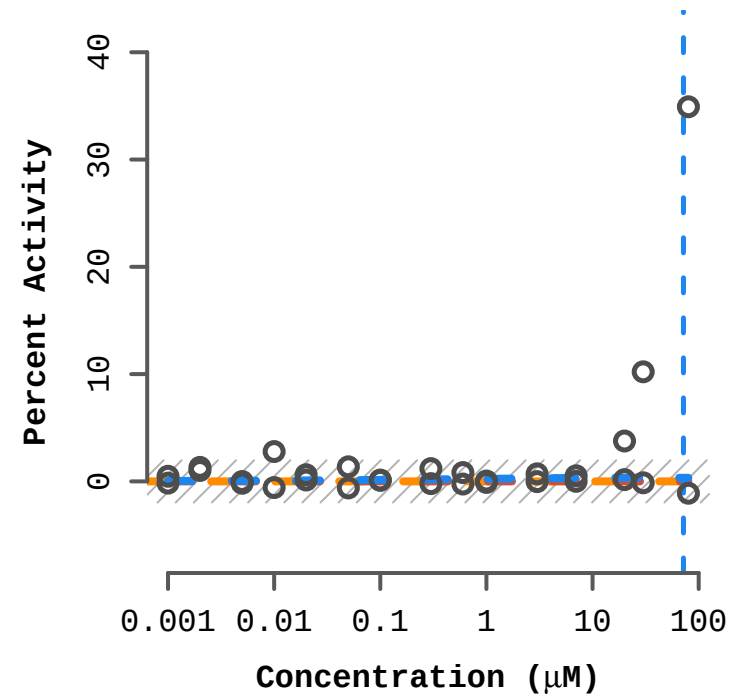
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Chloroaniline
CHID: 24761 CASRN: 108-42-9
SPID(S): Tox21_202237
M4ID: 11453575

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	24.62	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.54	NA	NA	
MAX_MEAN:	1.23	MAX_MED:	1.23	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chlorobenzoic acid

CHID: 24772 CASRN: 74-11-3

SPID(S): Tox21_400062

M4ID: 11453286

HILL MODEL (in red):

	tp	ga	gw
val:	24.9	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

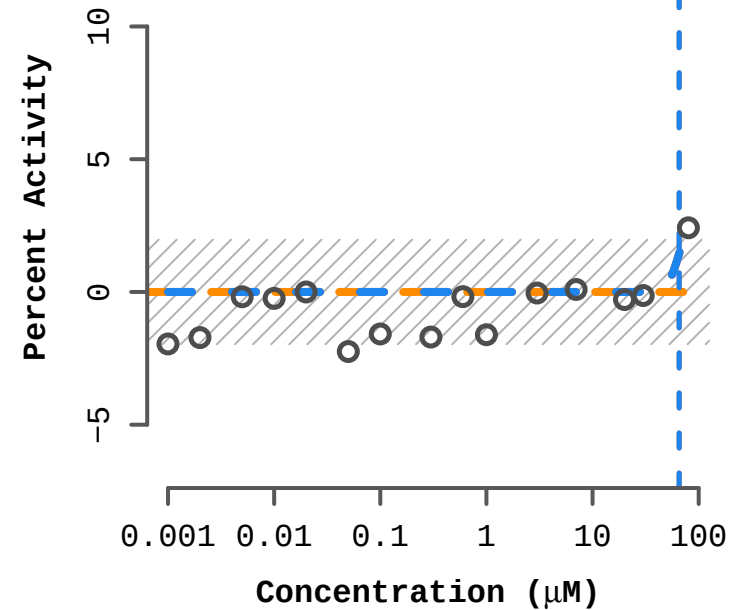
	tp	ga	gw	la	lw
val:	1.15	1.86	0.3	2.11	0.565
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	129.82	135.83	138.43
PROB:	0.94	0.05	0.01
RMSE:	6.72	6.72	6.64

MAX_MEAN: 16.9

MAX_MED: 16.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Chloro-2-bromoethane

CHID: 24775 CASRN: 107-04-0

SPID(S): Tox21_201726

M4ID: 11454086

HILL MODEL (in red):

	tp	ga	gw
val:	2.9	1.82	8
sd:	14.3	1.42	34.1

GAIN-LOSS MODEL (in blue):

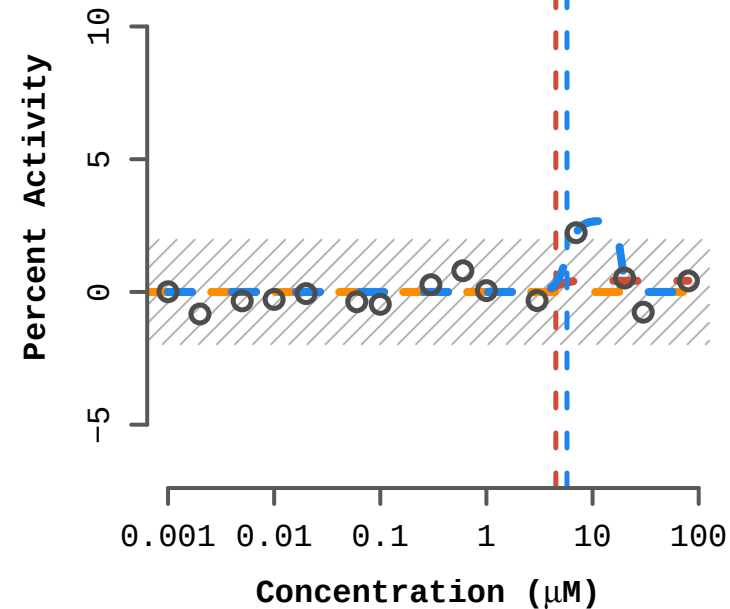
	tp	ga	gw	la	lw
val:	2.9	1.82	8	3.65	2.97
sd:	14.4	1.43	34.1	1670	2850

	CNST	HILL	GNLS
AIC:	53.9	55.42	59.42
PROB:	0.65	0.31	0.04
RMSE:	1.31	1.16	1.16

MAX_MEAN: 2.42

MAX_MED: 2.42

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Chloro-2-nitro-4-(trifluoromethyl)benzene

CHID: 24799 CASRN: 121-17-5

SPID(S): Tox21_201833

M4ID: 11453979

HILL MODEL (in red):

	tp	ga	gw
val:	0.422	0.654	8
sd:	0.322	0.247	10.9

GAIN-LOSS MODEL (in blue):

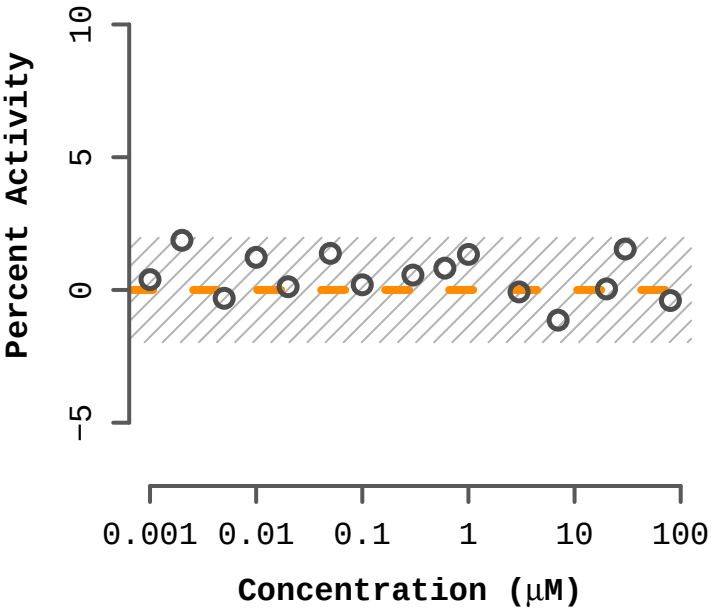
	tp	ga	gw	la	lw
val:	2.68	0.759	8	1.27	18
sd:	2.81	0.274	8.4	0.0521	22.7

	CNST	HILL	GNLS
AIC:	32.37	36.86	30.52
PROB:	0.28	0.03	0.7
RMSE:	0.73	0.67	0.43

MAX_MEAN: 2.23

MAX_MED: 2.23

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Chloropyridine

CHID: 24810 CASRN: 109-09-1

SPID(S): Tox21_202283

M4ID: 11453529

HILL MODEL: Not applicable.

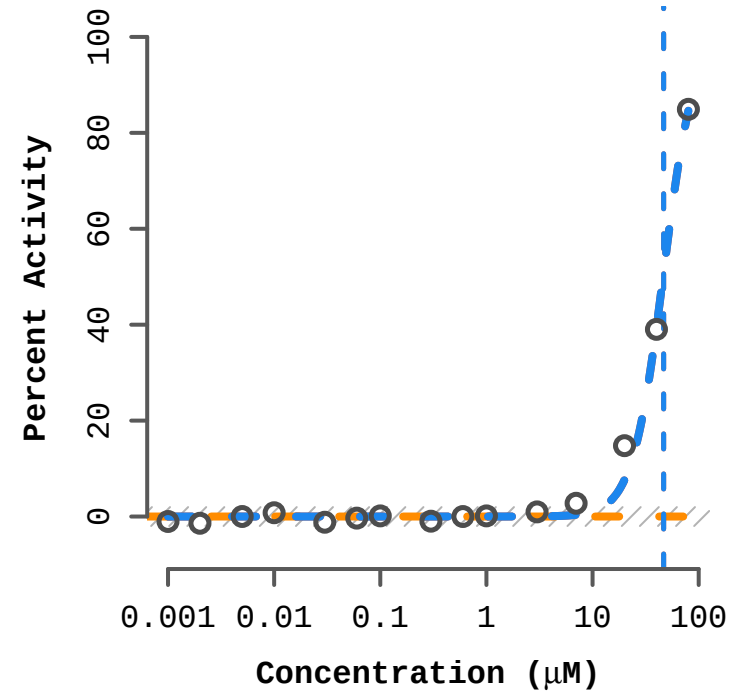
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.76	NA	NA
PROB:	1	NA	NA
RMSE:	0.96	NA	NA

MAX_MEAN: 1.87

MAX_MED: 1.87

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chlorotoluene

CHID: 24814 CASRN: 106-43-4

SPID(S): Tox21_201408

M4ID: 11454404

HILL MODEL (in red):

	tp	ga	gw
val:	102	1.67	2.96
sd:	1.58	0.00802	0.138

GAIN-LOSS MODEL (in blue):

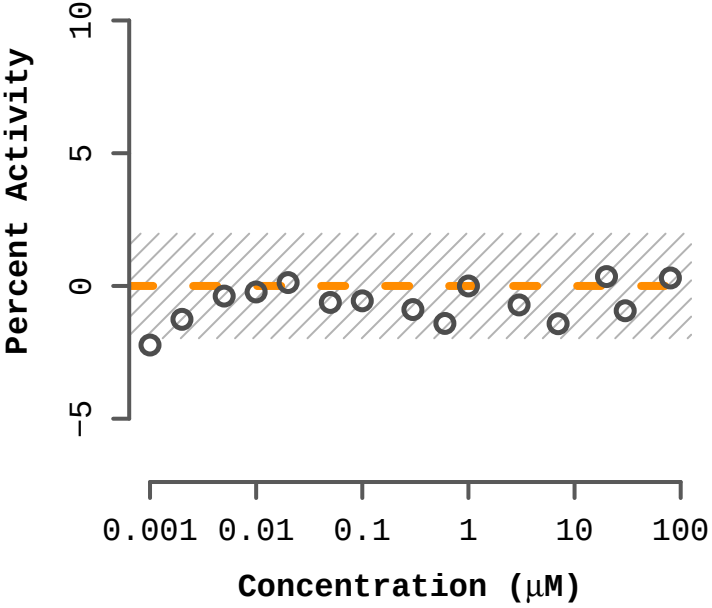
	tp	ga	gw	la	lw
val:	102	1.67	2.96	3.89	4.59
sd:	1.58	0.00802	0.138	1980	4590

	CNST	HILL	GNLS
AIC:	121.25	62.86	66.86
PROB:	0	0.88	0.12
RMSE:	24.45	2.06	2.06

MAX_MEAN: 84.9

MAX_MED: 84.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Chloro-4-(trifluoromethyl)benzene

CHID: 24821 **CASRN:** 98-56-6

SPID(S): Tox21_201445

M4ID: 11454367

HILL MODEL: Not applicable.

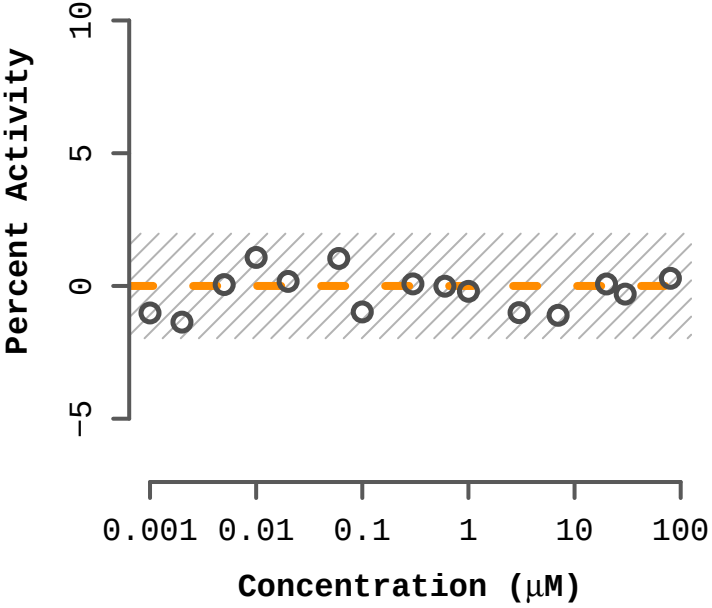
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.1	NA	NA
PROB:	1	NA	NA
RMSE:	0.96	NA	NA

MAX_MEAN: 0.355

MAX_MED: 0.355

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (2E)-3-Phenylprop-2-enal

CHID: 24834 CASRN: 14371-10-9

SPID(S): Tox21_201804

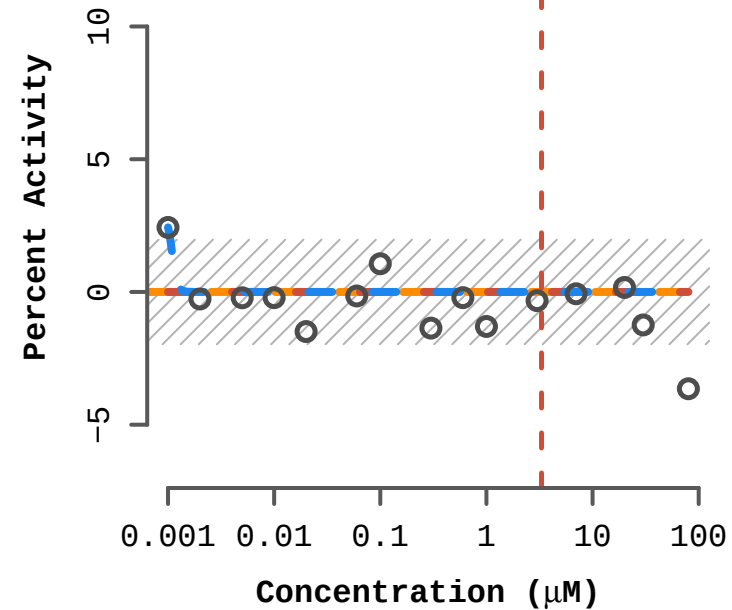
M4ID: 11454008

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.7	NA	NA
PROB:	1	NA	NA
RMSE:	0.76	NA	NA

MAX_MEAN: 1.08	MAX_MED: 1.08	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,7-Dimethyl-2,6-octadienal

CHID: 24836 CASRN: 5392-40-5

SPID(S): Tox21_202093

M4ID: 11453719

HILL MODEL (in red):

	tp	ga	gw
val:	1.28e-11	0.519	0.439
sd:	3.65e-05	67200	525000

GAIN-LOSS MODEL (in blue):

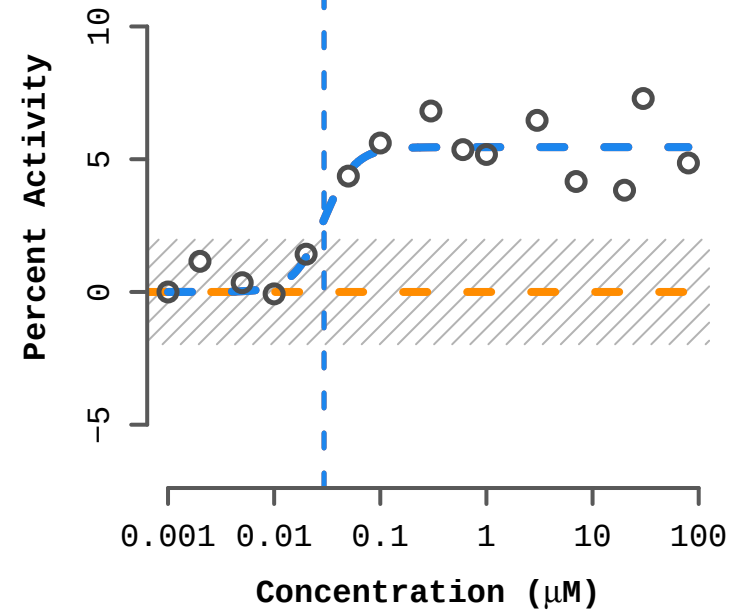
	tp	ga	gw	la	lw
val:	2.92	-4.4	7.99	-2.96	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	52.47	58.47	57.11
PROB:	0.87	0.04	0.09
RMSE:	1.37	1.37	1.21

MAX_MEAN: 2.43

MAX_MED: 2.43

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Colchicine

CHID: 24845 CASRN: 64-86-8

SPID(S): Tox21_201547

M4ID: 11454265

HILL MODEL (in red):

	tp	ga	gw
val:	5.45	-1.53	2.96
sd:	0.369	0.0869	1.05

GAIN-LOSS MODEL (in blue):

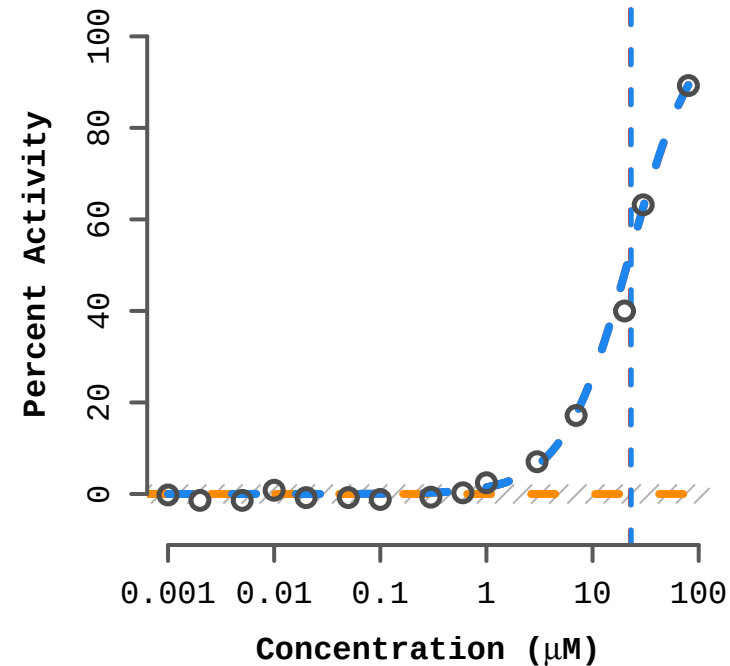
	tp	ga	gw	la	lw
val:	5.45	-1.53	2.96	3.77	8.77
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	92.23	48.8	52.8
PROB:	0	0.88	0.12
RMSE:	4.52	0.92	0.92

MAX_MEAN: 7.29

MAX_MED: 7.29

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyanuric acid

CHID: 24873 CASRN: 108-80-5

SPID(S): Tox21_202362

M4ID: 11453450

HILL MODEL (in red):

	tp	ga	gw
val:	105	1.36	1.37
sd:	2.32	0.0222	0.0474

GAIN-LOSS MODEL (in blue):

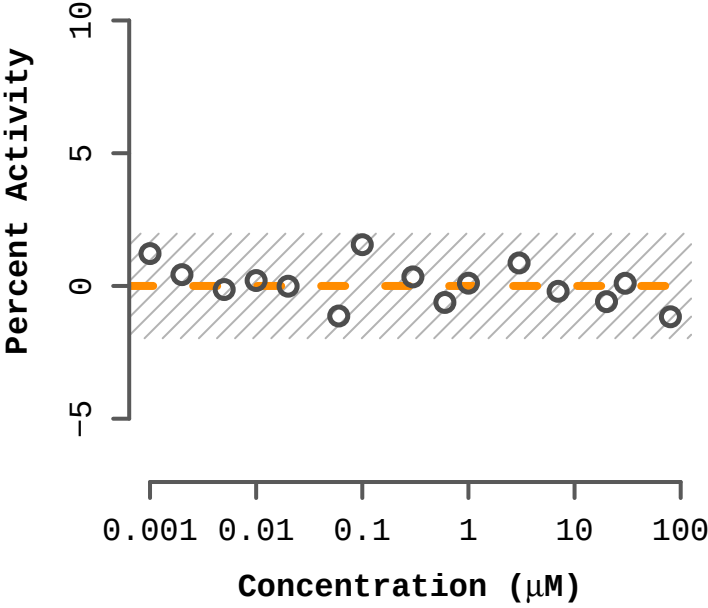
	tp	ga	gw	la	lw
val:	107	1.36	1.36	3.9	0.952
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	139.06	63.54	67.41
PROB:	0	0.87	0.13
RMSE:	30.46	2.25	2.25

MAX_MEAN: 89.3

MAX_MED: 89.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyclophosphamide monohydrate

CHID: 24888 **CASRN:** 6055-19-2

SPID(S): Tox21_201503

M4ID: 11454309

HILL MODEL: Not applicable.

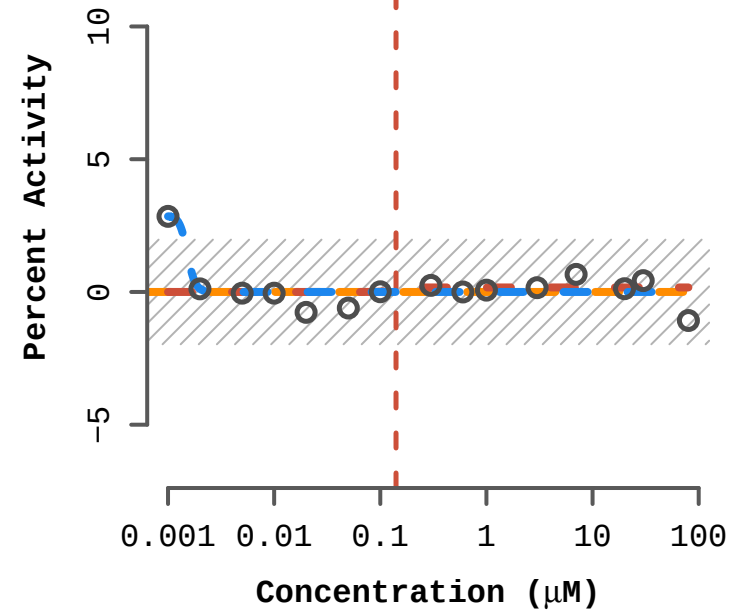
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.82	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 1.56

MAX_MED: 1.56

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dazomet

CHID: 24902 CASRN: 533-74-4

SPID(S): Tox21_201236

M4ID: 11454576

HILL MODEL (in red):

	tp	ga	gw
val:	0.17	-0.852	8
sd:	0.147	1.63	54.2

GAIN-LOSS MODEL (in blue):

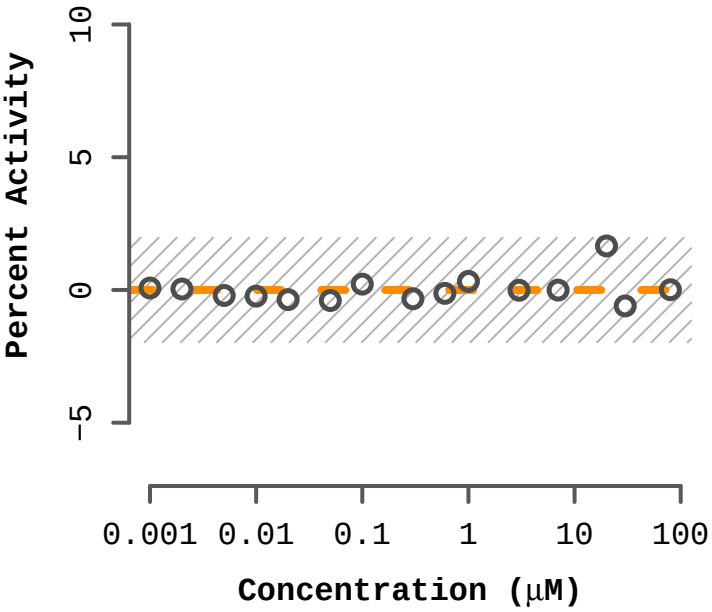
	tp	ga	gw	la	lw
val:	3.42	-4.88	0.384	-2.82	11.5
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	32.42	37.28	28.35
PROB:	0.11	0.01	0.88
RMSE:	0.86	0.86	0.44

MAX_MEAN: 2.85

MAX_MED: 2.85

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (E,E)-2,4-Decadienal

CHID: 24911 CASRN: 25152-84-5

SPID(S): Tox21_201894

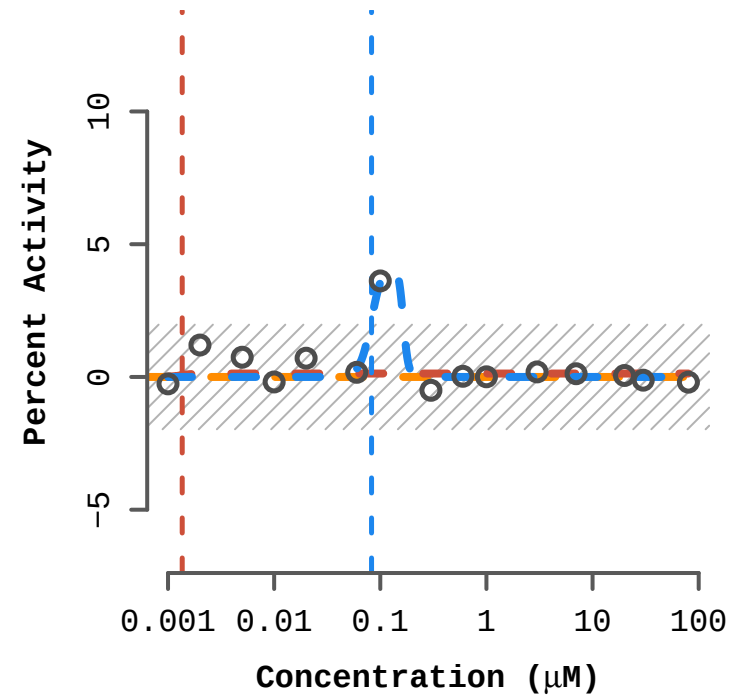
M4ID: 11453918

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	17.69	NA	NA
PROB:	1	NA	NA
RMSE:	0.5	NA	NA

MAX_MEAN: 1.66	MAX_MED: 1.66	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Decane

CHID: 24913 CASRN: 124-18-5

SPID(S): Tox21_201881

M4ID: 11453931

HILL MODEL (in red):

	tp	ga	gw
val:	0.129	-2.87	8
sd:	0.138	0.332	17.8

GAIN-LOSS MODEL (in blue):

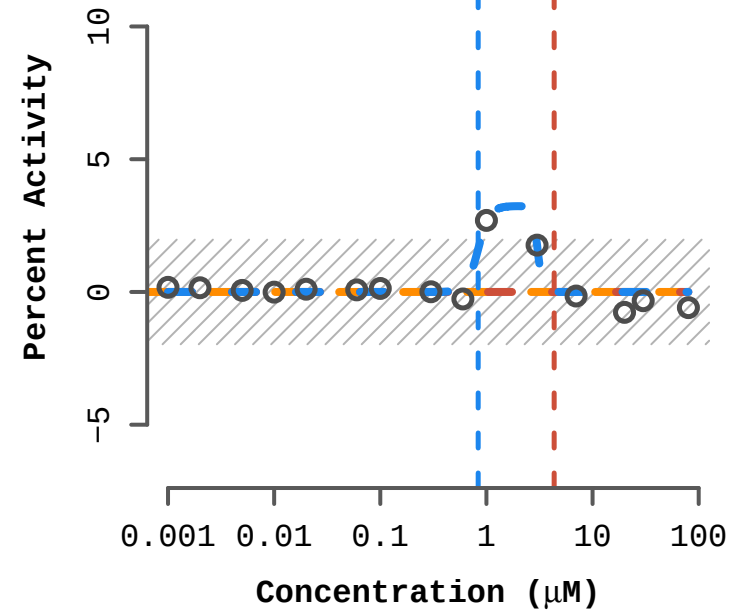
	tp	ga	gw	la	lw
val:	4.34	-1.08	8	-0.784	17.9
sd:	1.14	0.0564	2.82	0.889	66.6

	CNST	HILL	GNLS
AIC:	34.61	39.64	28.09
PROB:	0.04	0	0.96
RMSE:	1.04	0.99	0.45

MAX_MEAN: 3.62

MAX_MED: 3.62

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diacetone alcohol

CHID: 24917 CASRN: 123-42-2

SPID(S): Tox21_201266

M4ID: 11454546

HILL MODEL (in red):

	tp	ga	gw
val:	8.38e-11	0.638	1.56
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

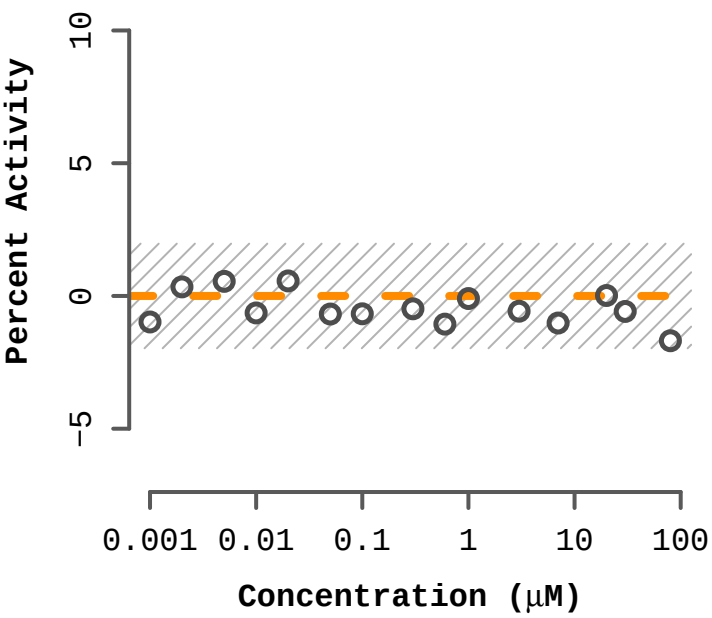
	tp	ga	gw	la	lw
val:	3.24	-0.0776	8	0.482	18
sd:	0.629	0.0425	2.57	0.015	72.9

	CNST	HILL	GNLS
AIC:	32.99	38.99	17.25
PROB:	0	0	1
RMSE:	0.88	0.88	0.3

MAX_MEAN: 2.7

MAX_MED: 2.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diallylamine

CHID: 24918 CASRN: 124-02-7

SPID(S): Tox21_201555

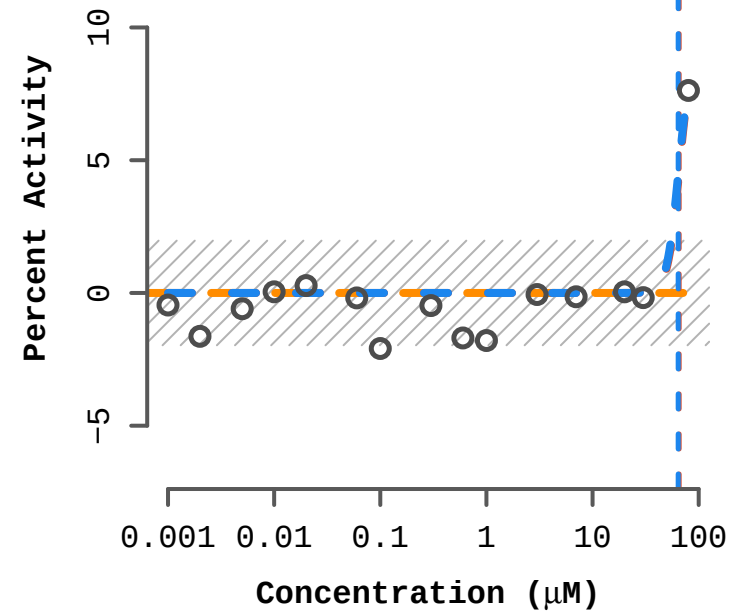
M4ID: 11454257

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.54	NA	NA
PROB:	1	NA	NA
RMSE:	0.77	NA	NA

MAX_MEAN: 0.567 MAX_MED: 0.567 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,6-Hexanediamine

CHID: 24922 CASRN: 124-09-4

SPID(S): Tox21_202088

M4ID: 11453724

HILL MODEL (in red):

	tp	ga	gw
val:	9.15	1.82	8
sd:	6.64	0.132	13.5

GAIN-LOSS MODEL (in blue):

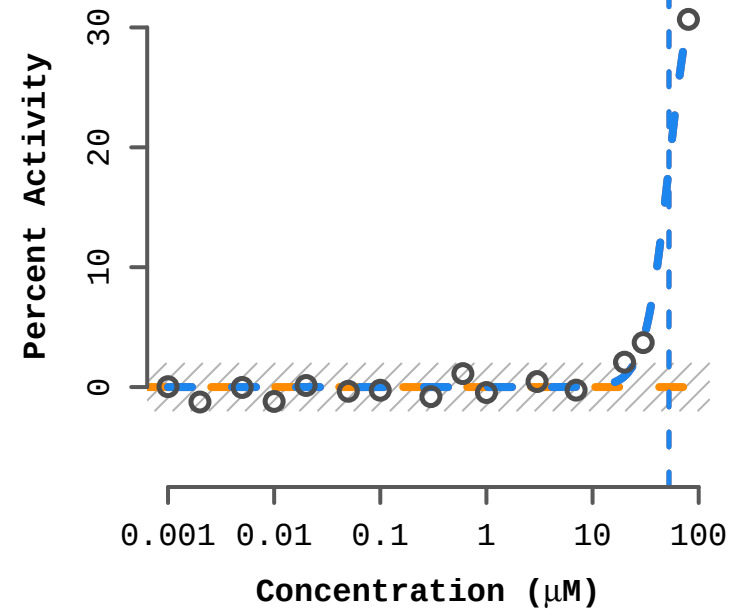
	tp	ga	gw	la	lw
val:	9.15	1.81	8	3.9	0.789
sd:	13.9	0.254	12.1	19.9	8.01

	CNST	HILL	GNLS
AIC:	58.19	48.53	52.53
PROB:	0.01	0.87	0.12
RMSE:	2.19	0.97	0.97

MAX_MEAN: 7.63

MAX_MED: 7.63

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,4-Diaminotoluene

CHID: 24930 CASRN: 496-72-0

SPID(S): Tox21_201749

M4ID: 11454063

HILL MODEL (in red):

	tp	ga	gw
val:	36.8	1.72	3.8
sd:	1.91	0.0242	0.346

GAIN-LOSS MODEL (in blue):

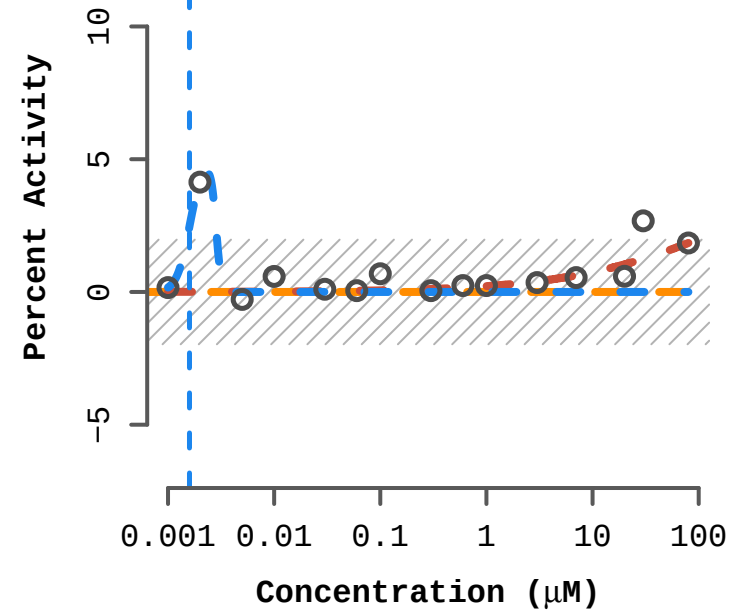
	tp	ga	gw	la	lw
val:	36.8	1.72	3.8	3.9	15.6
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	75.7	39.82	43.82
PROB:	0	0.88	0.12
RMSE:	8.02	0.68	0.68

MAX_MEAN: 30.7

MAX_MED: 30.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-pentylpentan-1-amine

CHID: 24931 CASRN: 2050-92-2

SPID(S): Tox21_202211

M4ID: 11453601

HILL MODEL (in red):

	tp	ga	gw
val:	4.97	2.3	0.582
sd:	7.53	1.99	0.327

GAIN-LOSS MODEL (in blue):

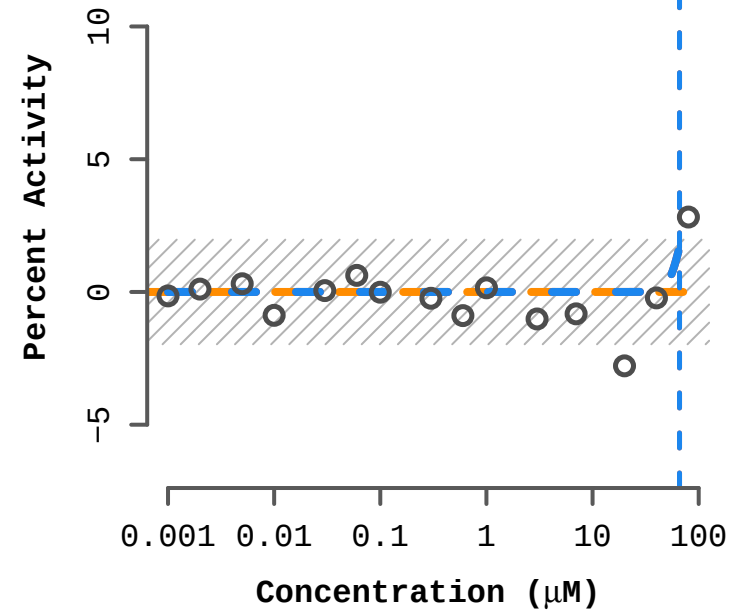
	tp	ga	gw	la	lw
val:	4.95	-2.8	7.2	-2.55	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	49.13	40.52	46.38
PROB:	0.01	0.94	0.05
RMSE:	1.4	1.16	0.91

MAX_MEAN: 4.14

MAX_MED: 4.14

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diazoaminobenzene

CHID: 24934 CASRN: 136-35-6

SPID(S): Tox21_202253

M4ID: 11453559

HILL MODEL (in red):

	tp	ga	gw
val:	3.39	1.82	8
sd:	2.35	0.17	6.85

GAIN-LOSS MODEL (in blue):

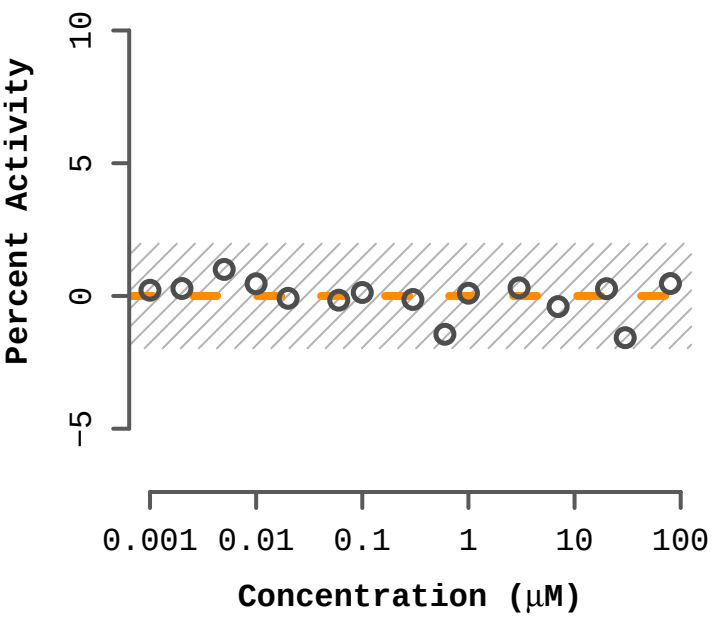
	tp	ga	gw	la	lw
val:	3.39	1.82	8	3.85	3.2
sd:	2.36	0.172	6.86	787	1300

	CNST	HILL	GNLS
AIC:	45.35	42.37	46.37
PROB:	0.17	0.74	0.1
RMSE:	1.14	0.88	0.88

MAX_MEAN: 2.82

MAX_MED: 2.82

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

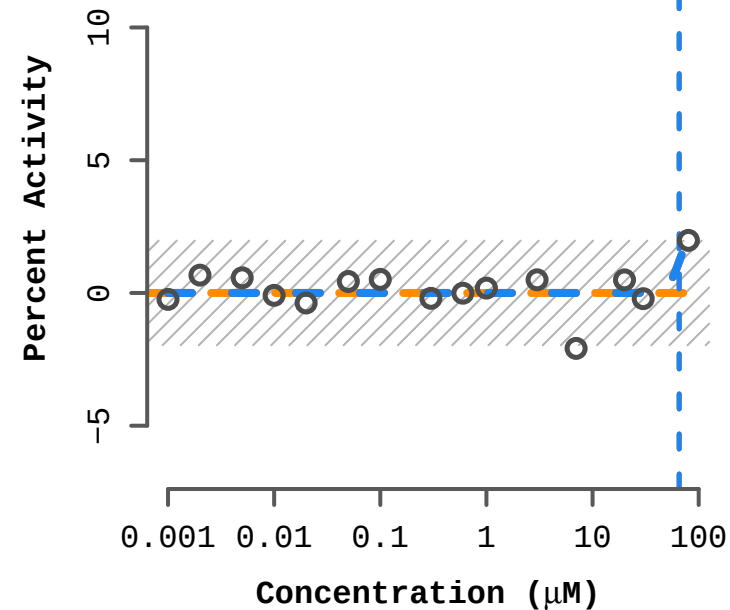
NAME: Phenoxathiin
CHID: 24937 CASRN: 262-20-4
SPID(S): Tox21_202275
M4ID: 11453537

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.33	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA

MAX_MEAN: 1	MAX_MED: 1	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dibromoacetonitrile

CHID: 24940 CASRN: 3252-43-5

SPID(S): Tox21_202319

M4ID: 11453493

HILL MODEL (in red):

	tp	ga	gw
val:	2.38	1.82	8
sd:	5.47	0.65	17

GAIN-LOSS MODEL (in blue):

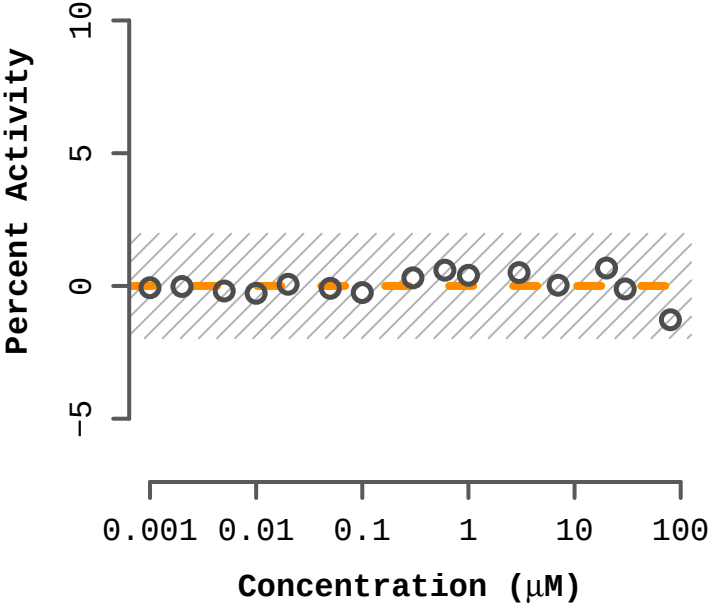
	tp	ga	gw	la	lw
val:	2.38	1.82	8	3.9	2.85
sd:	5.45	0.648	17	1410	2020

	CNST	HILL	GNLS
AIC:	35.99	33.59	37.59
PROB:	0.21	0.7	0.09
RMSE:	0.83	0.65	0.65

MAX_MEAN: 1.98

MAX_MED: 1.98

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Di-tert-butyl peroxide

CHID: 24955 **CASRN:** 110-05-4

SPID(S): Tox21_201461

M4ID: 11454351

HILL MODEL: Not applicable.

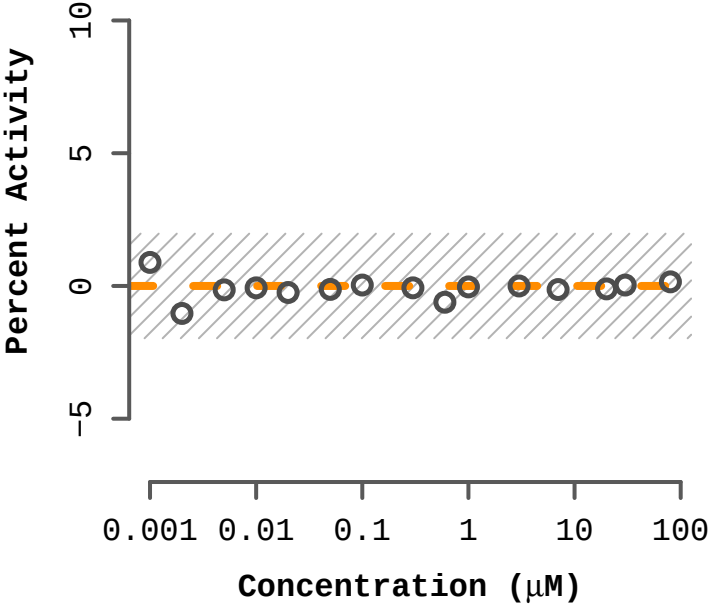
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	19.53	NA	NA
PROB:	1	NA	NA
RMSE:	0.46	NA	NA

MAX_MEAN: 0.675

MAX_MED: 0.675

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Dichloroaniline

CHID: 24966 CASRN: 554-00-7

SPID(S): Tox21_201522

M4ID: 11454290

HILL MODEL: Not applicable.

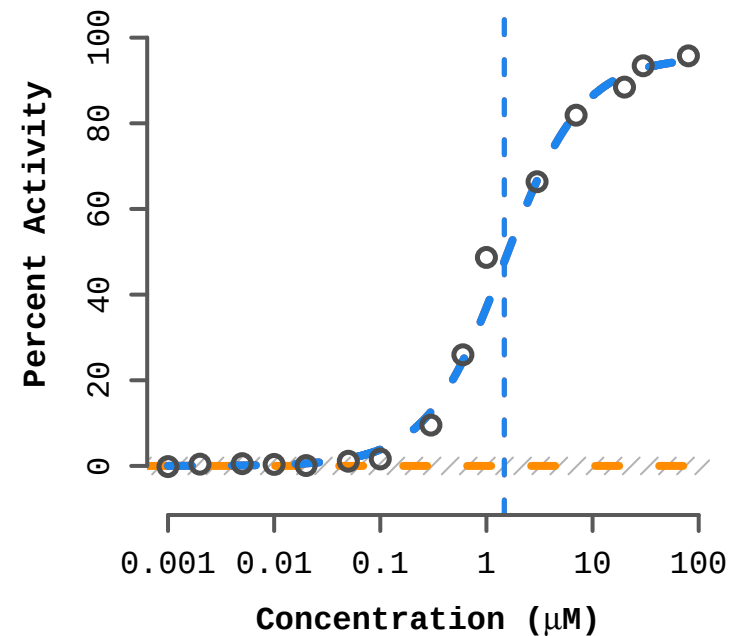
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	12.83	NA	NA
PROB:	1	NA	NA
RMSE:	0.4	NA	NA

MAX_MEAN: 0.888

MAX_MED: 0.888

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Dichloro-5,5-dimethylhydantoin

CHID: 24985 CASRN: 118-52-5

SPID(S): Tox21_202384

M4ID: 11453428

HILL MODEL (in red):

	tp	ga	gw
val:	95.4	0.169	1.18
sd:	1.26	0.0241	0.0616

GAIN-LOSS MODEL (in blue):

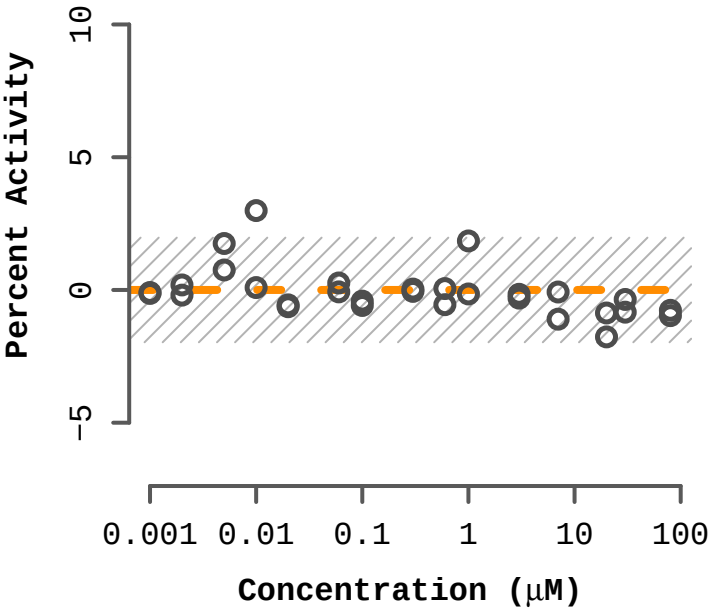
	tp	ga	gw	la	lw
val:	95.4	0.169	1.18	3.84	18
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	163.18	74.92	78.92
PROB:	0	0.88	0.12
RMSE:	51.62	3.31	3.31

MAX_MEAN: 95.8

MAX_MED: 95.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Dichlorodiphenyl sulfone

CHID: 24986 CASRN: 80-07-9

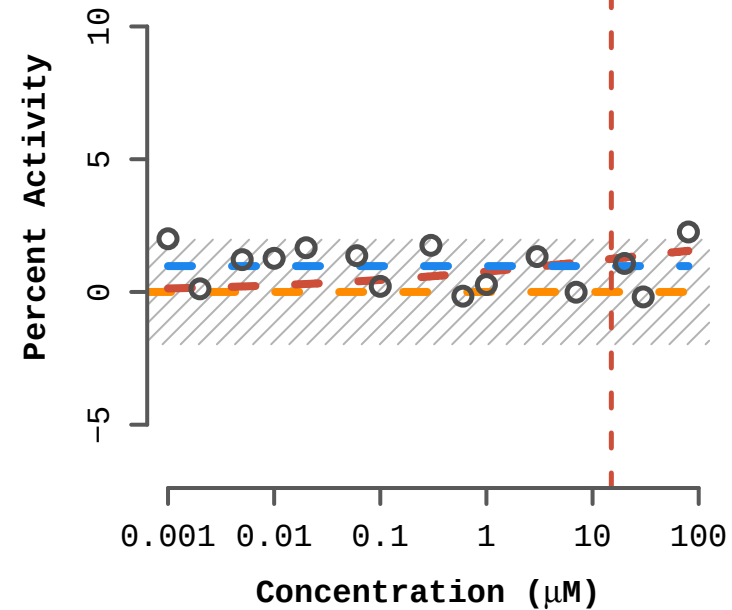
SPID(S): Tox21_400008

M4ID: 11453340

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	76.96	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.92	NA	NA	
MAX_MEAN:	1.54	MAX_MED:	1.54	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium dichloroisocyanurate

CHID: 24994 CASRN: 2893-78-9

SPID(S): Tox21_201601

M4ID: 11454211

HILL MODEL (in red):

	tp	ga	gw
val:	2.49	1.18	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

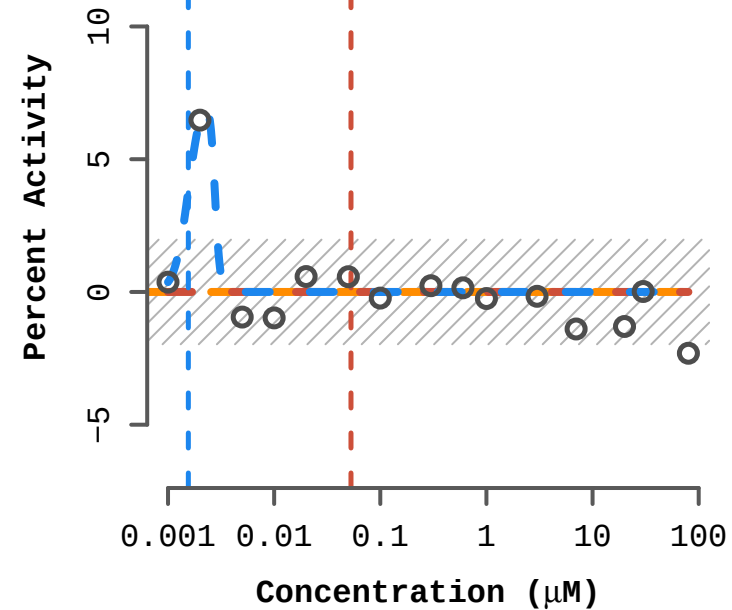
	tp	ga	gw	la	lw
val:	0.975	-4.97	3.72	3.74	10.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	52.89	52.87	50.52
PROB:	0.19	0.19	0.62
RMSE:	1.24	1	0.8

MAX_MEAN: 2.26

MAX_MED: 2.26

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,4-Dichloronitrobenzene

CHID: 24999 CASRN: 99-54-7

SPID(S): Tox21_201613

M4ID: 11454199

HILL MODEL (in red):

	tp	ga	gw
val:	1.34e-10	-1.28	1.13
sd:	3.51e-05	43200	125000

GAIN-LOSS MODEL (in blue):

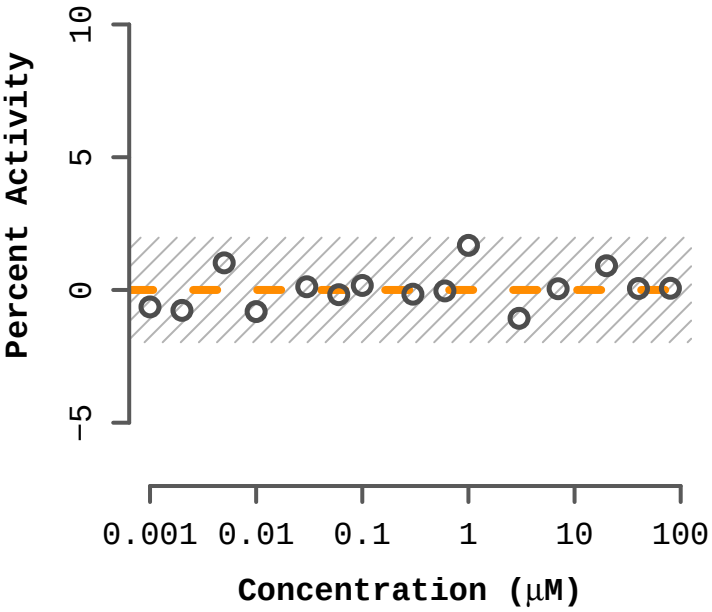
	tp	ga	gw	la	lw
val:	7.68	-2.81	6.75	-2.56	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	54.77	60.77	49.71
PROB:	0.07	0	0.92
RMSE:	1.89	1.89	0.88

MAX_MEAN: 6.47

MAX_MED: 6.47

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

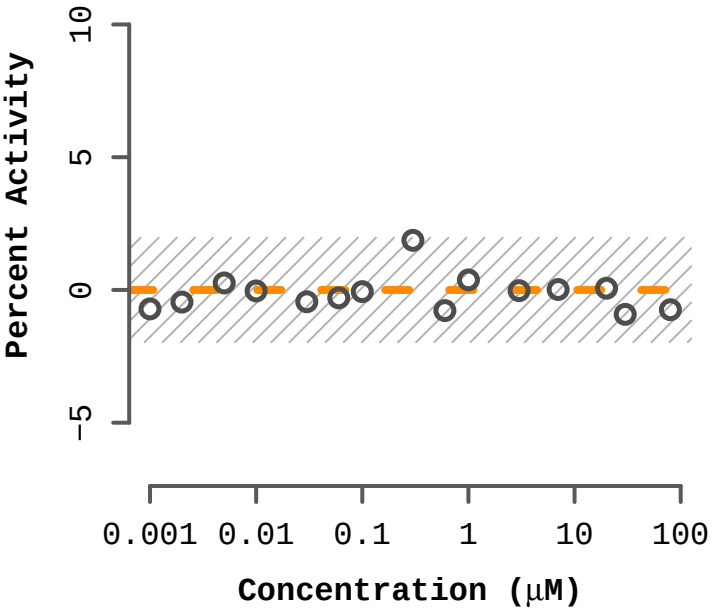
NAME: 2,5-Dichlorophenol
CHID: 25003 CASRN: 583-78-8
SPID(S): Tox21_201889
M4ID: 11453923

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN: 1.68 MAX_MED: 1.68 BMAD: 0.657



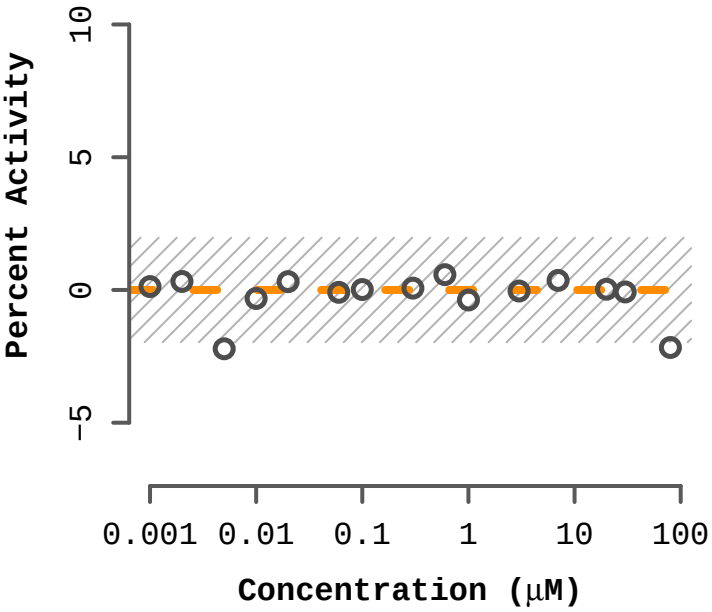
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Dichloro-2-propanol
CHID: 25010 CASRN: 96-23-1
SPID(S): Tox21_201890
M4ID: 11453922

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	31.12	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.67	NA	NA	
MAX_MEAN:	1.87	MAX_MED:	1.87	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzal chloride

CHID: 25014 CASRN: 98-87-3

SPID(S): Tox21_201313

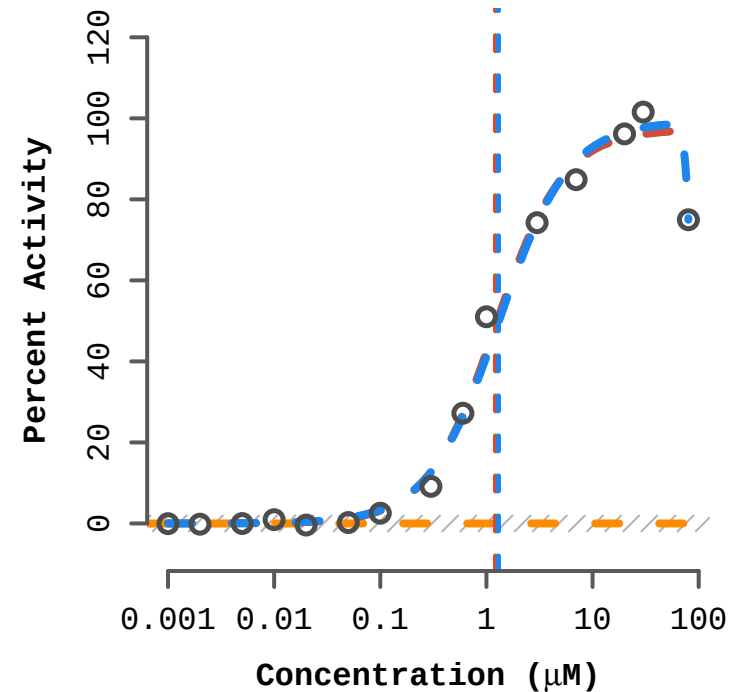
M4ID: 11454499

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.84	NA	NA
PROB:	1	NA	NA
RMSE:	0.84	NA	NA

MAX_MEAN: 0.578	MAX_MED: 0.578	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dicumyl peroxide

CHID: 25017 CASRN: 80-43-3

SPID(S): Tox21_202385

M4ID: 11453427

HILL MODEL (in red):

	tp	ga	gw
val:	97.3	0.0848	1.35
sd:	3.76	0.0572	0.141

GAIN-LOSS MODEL (in blue):

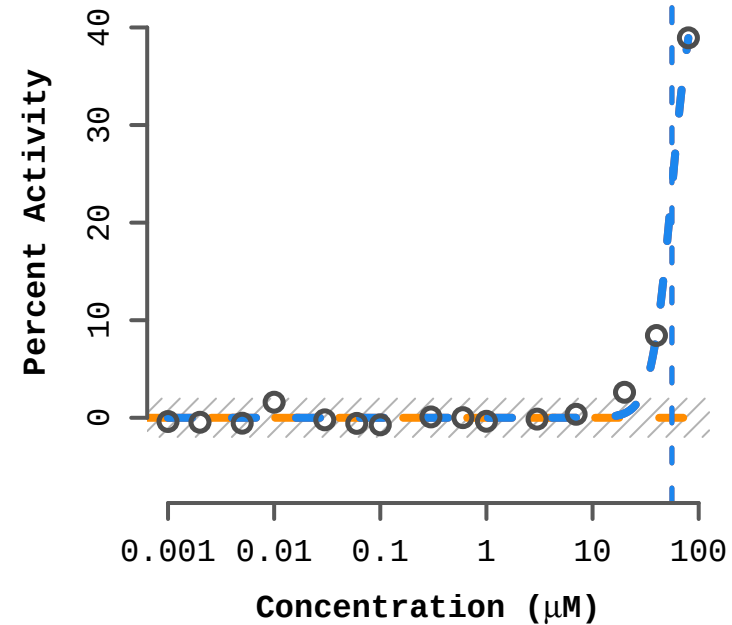
	tp	ga	gw	la	lw
val:	99.3	0.114	1.31	1.94	15.1
sd:	2.11	0.0291	0.0792	0.00551	1.53

	CNST	HILL	GNLS
AIC:	163.71	96.46	83.14
PROB:	0	0	1
RMSE:	52.49	6.46	3.15

MAX_MEAN: 102

MAX_MED: 102

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dicyclohexylamine

CHID: 25018 CASRN: 101-83-7

SPID(S): Tox21_201771

M4ID: 11454041

HILL MODEL (in red):

	tp	ga	gw
val:	46.7	1.75	4.49
sd:	0.746	0.00718	0.158

GAIN-LOSS MODEL (in blue):

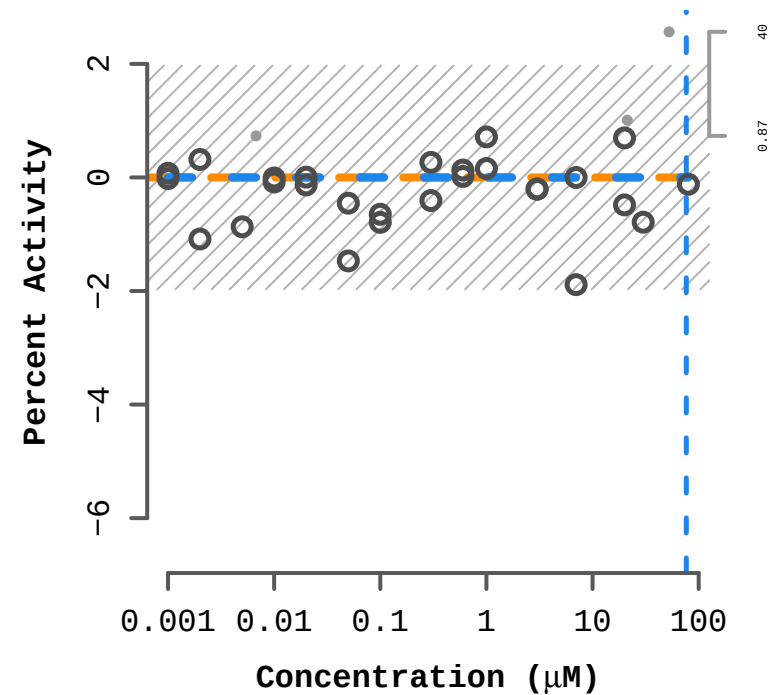
	tp	ga	gw	la	lw
val:	46.7	1.75	4.49	3.03	7.49
sd:	0.746	0.00718	0.158	1250	8370

	CNST	HILL	GNLS
AIC:	85.02	39.6	43.6
PROB:	0	0.88	0.12
RMSE:	10.32	0.78	0.78

MAX_MEAN: 38.9

MAX_MED: 38.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dicyclopentadiene

CHID: 25023 CASRN: 77-73-6

SPID(S): Tox21_400017

M4ID: 11453331 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	0.697	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

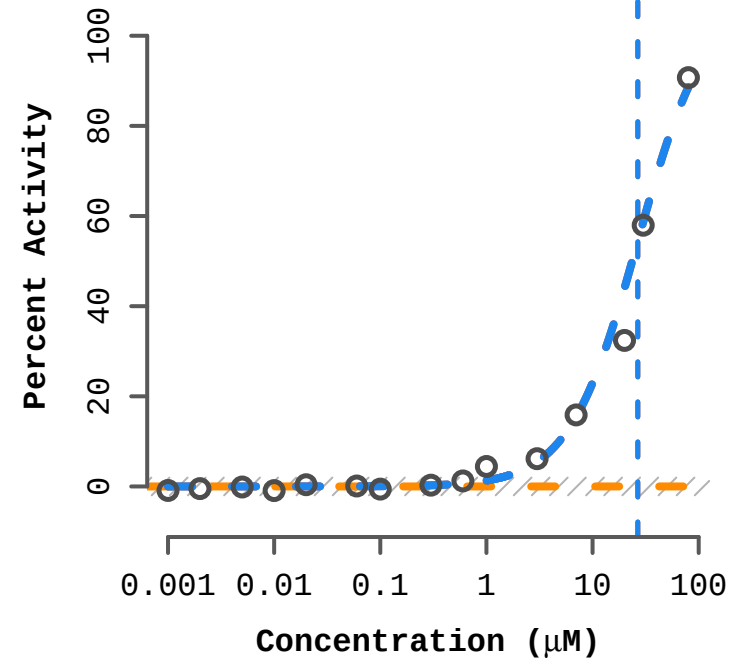
	tp	ga	gw	la	lw
val:	6.01e-09	1.88	7.96	2.47	0.542
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	111.53	117.53	121.53
PROB:	0.95	0.05	0.01
RMSE:	7.41	7.41	7.41

MAX_MEAN: 19.9

MAX_MED: 19.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 7-Diethylamino-4-methylcoumarin

CHID: 25035 CASRN: 91-44-1

SPID(S): Tox21_201789

M4ID: 11454023

HILL MODEL (in red):

	tp	ga	gw
val:	109	1.43	1.34
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

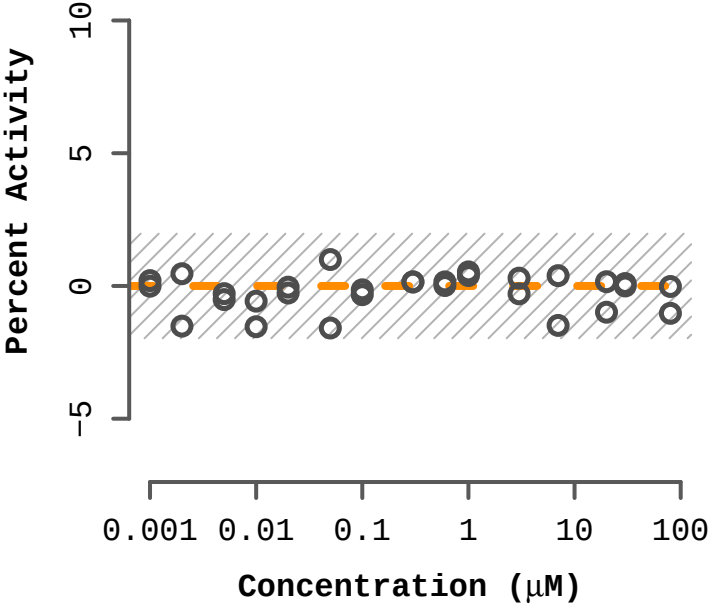
	tp	ga	gw	la	lw
val:	109	1.43	1.34	3.82	8.15
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	136.66	69.73	73.73
PROB:	0	0.88	0.12
RMSE:	29.39	3.19	3.19

MAX_MEAN: 90.7

MAX_MED: 90.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethylene glycol monomethyl ether

CHID: 25049 **CASRN:** 111-77-3

SPID(S): Tox21_400009

M4ID: 11453339

HILL MODEL: Not applicable.

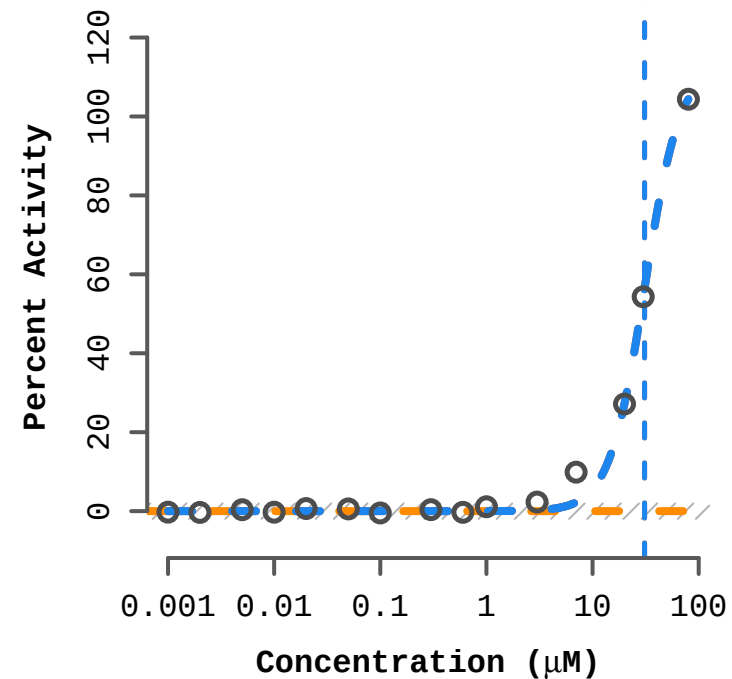
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	62.95	NA	NA
PROB:	1	NA	NA
RMSE:	0.69	NA	NA

MAX_MEAN: 0.463

MAX_MED: 0.463

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethylenetriamine

CHID: 25050 CASRN: 111-40-0

SPID(S): Tox21_201453

M4ID: 11454359

HILL MODEL (in red):

	tp	ga	gw
val:	113	1.49	2.63
sd:	0.669	0.00441	0.0492

GAIN-LOSS MODEL (in blue):

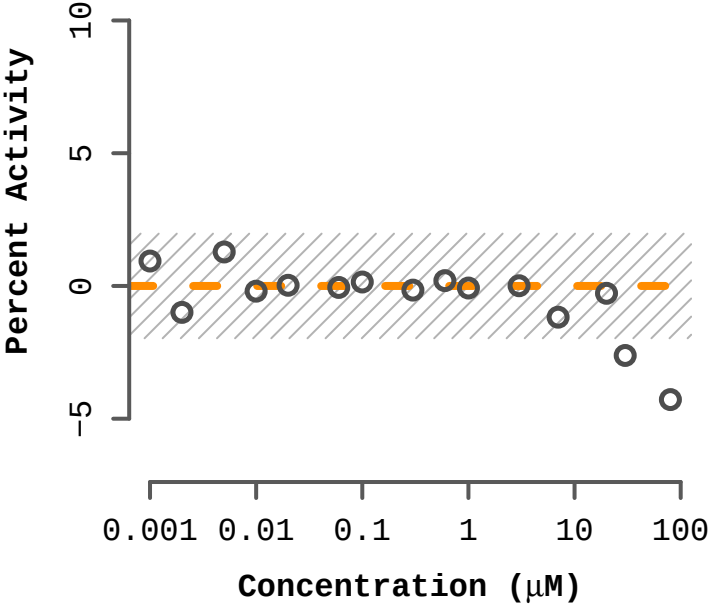
	tp	ga	gw	la	lw
val:	113	1.49	2.63	3.89	6.93
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	133.86	55.79	59.79
PROB:	0	0.88	0.12
RMSE:	31.29	2.09	2.09

MAX_MEAN: 104

MAX_MED: 104

BMAD: 0.657



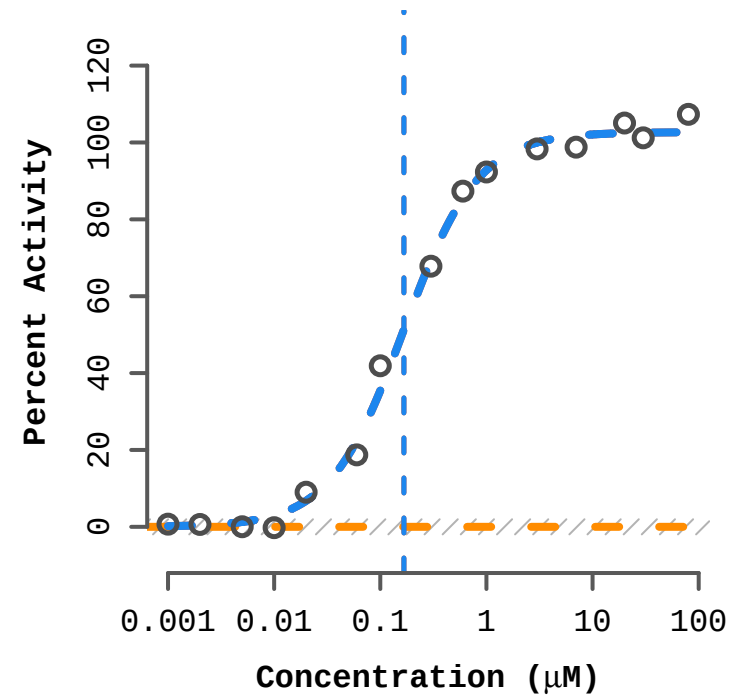
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dihexyl phthalate
CHID: 25068 CASRN: 84-75-3
SPID(S): Tox21_202420
M4ID: 11453392

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.88	NA	NA
PROB:	1	NA	NA
RMSE:	1.42	NA	NA
MAX_MEAN:	1.28	MAX_MED:	1.28
			BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diisobutyl ketone

CHID: 25080 CASRN: 108-83-8

SPID(S): Tox21_202406

M4ID: 11453406

HILL MODEL (in red):

	tp	ga	gw
val:	103	-0.777	1.25
sd:	1.58	0.0414	0.111

GAIN-LOSS MODEL (in blue):

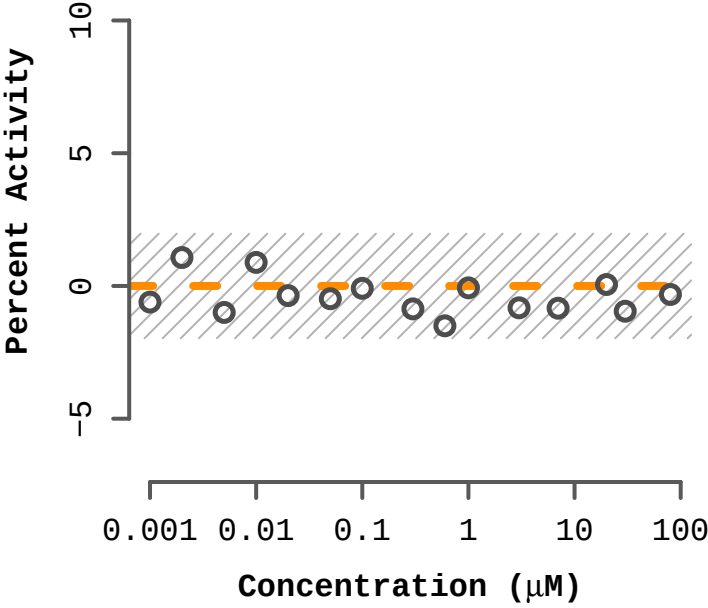
	tp	ga	gw	la	lw
val:	103	-0.777	1.25	2.58	18
sd:	1.58	0.0414	0.111	4440	113000

	CNST	HILL	GNLS
AIC:	174.39	82.79	86.79
PROB:	0	0.88	0.12
RMSE:	70.79	2.83	2.83

MAX_MEAN: 107

MAX_MED: 107

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diisodecyl phthalate

CHID: 25082 CASRN: 26761-40-0

SPID(S): Tox21_201431

M4ID: 11454381

HILL MODEL: Not applicable.

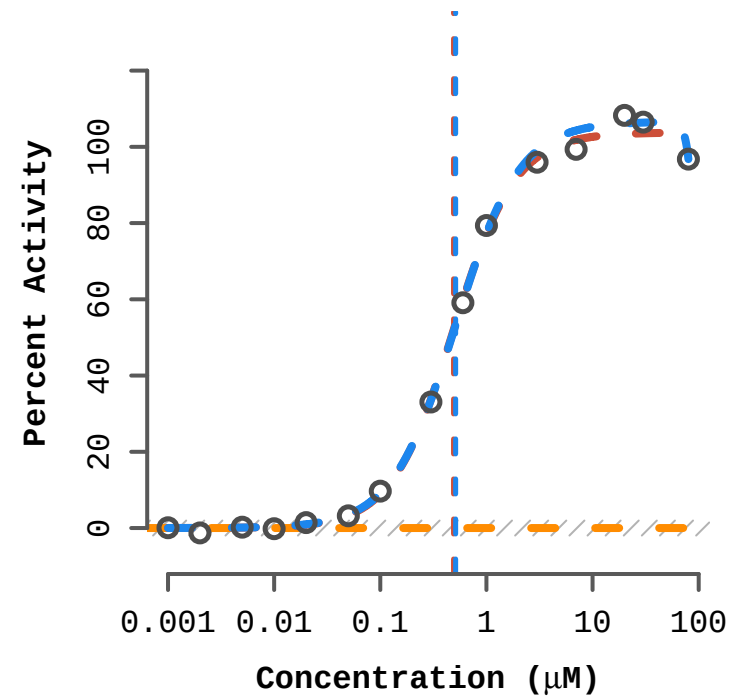
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.14	NA	NA
PROB:	1	NA	NA
RMSE:	0.78	NA	NA

MAX_MEAN: 1.07

MAX_MED: 1.07

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diisopropylcarbodiimide

CHID: 25086 CASRN: 693-13-0

SPID(S): Tox21_202451

M4ID: 11453361

HILL MODEL (in red):

	tp	ga	gw
val:	104	-0.31	1.49
sd:	3.26	0.0268	0.11

GAIN-LOSS MODEL (in blue):

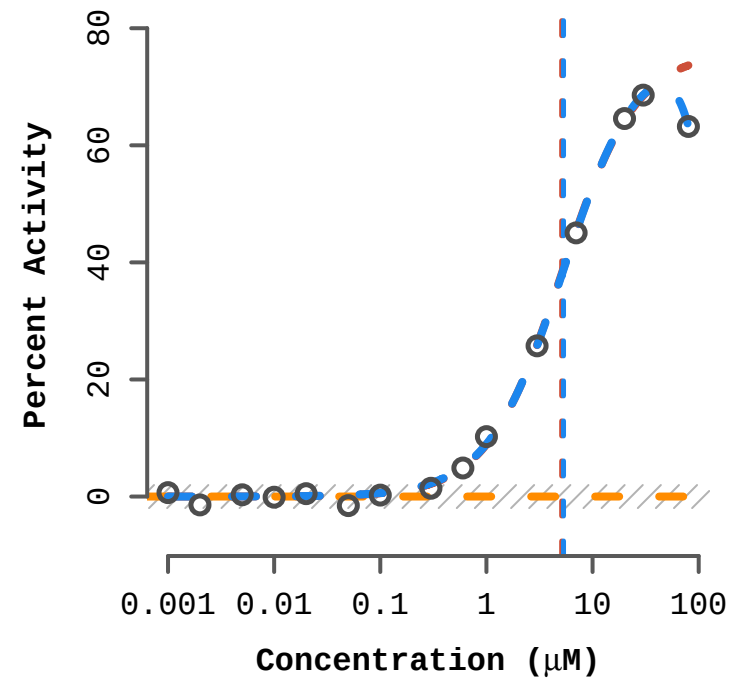
	tp	ga	gw	la	lw
val:	107	-0.29	1.45	1.99	11.9
sd:	1.02	0.0109	0.0597	0.00685	0.745

	CNST	HILL	GNLS
AIC:	170.85	76.07	67.93
PROB:	0	0.02	0.98
RMSE:	64.55	2.55	1.74

MAX_MEAN: 108

MAX_MED: 108

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3'-Dimethoxybenzidine

CHID: 25091 CASRN: 119-90-4

SPID(S): Tox21_202443

M4ID: 11453369

HILL MODEL (in red):

	tp	ga	gw
val:	76.1	0.709	1.24
sd:	1.24	0.018	0.0441

GAIN-LOSS MODEL (in blue):

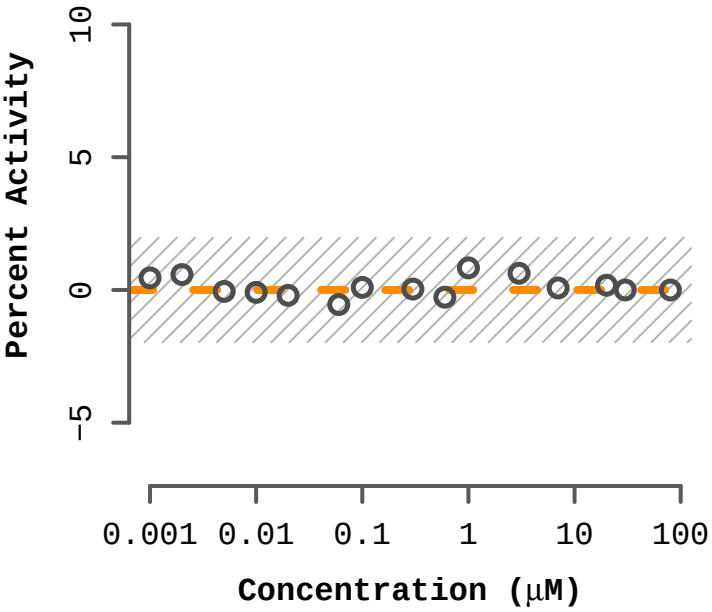
	tp	ga	gw	la	lw
val:	77.6	0.726	1.22	2.13	3.28
sd:	0.552	0.00896	0.0224	0.0094	0.116

	CNST	HILL	GNLS
AIC:	147.04	62.38	45.02
PROB:	0	0	1
RMSE:	32.35	2.8	0.76

MAX_MEAN: 68.6

MAX_MED: 68.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Di(2-methoxyethyl) phthalate

CHID: 25094 CASRN: 117-82-8

SPID(S): Tox21_201857

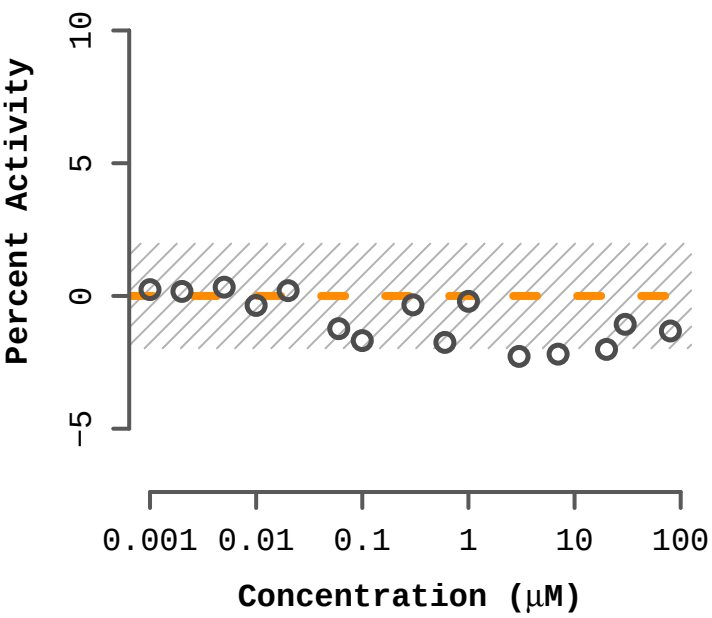
M4ID: 11453955

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	15.26	NA	NA
PROB:	1	NA	NA
RMSE:	0.38	NA	NA

MAX_MEAN: 0.833 MAX_MED: 0.833 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl adipate

CHID: 25096 CASRN: 627-93-0

SPID(S): Tox21_201912

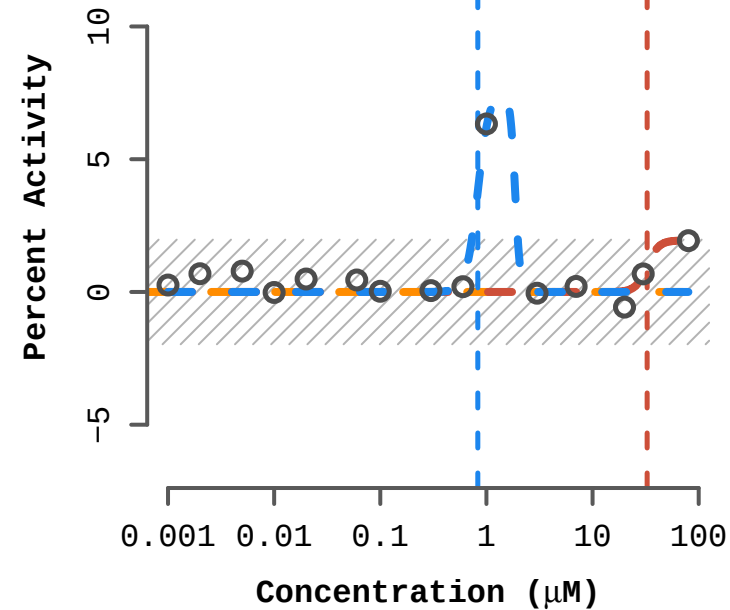
M4ID: 11453900

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.62	NA	NA
PROB:	1	NA	NA
RMSE:	1.29	NA	NA

MAX_MEAN: 0.332 MAX_MED: 0.332 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Dimethylaminophenol

CHID: 25101 CASRN: 99-07-0

SPID(S): Tox21_201927

M4ID: 11453885

HILL MODEL (in red):

	tp	ga	gw
val:	1.94	1.51	8
sd:	0.36	0.0672	7.77

GAIN-LOSS MODEL (in blue):

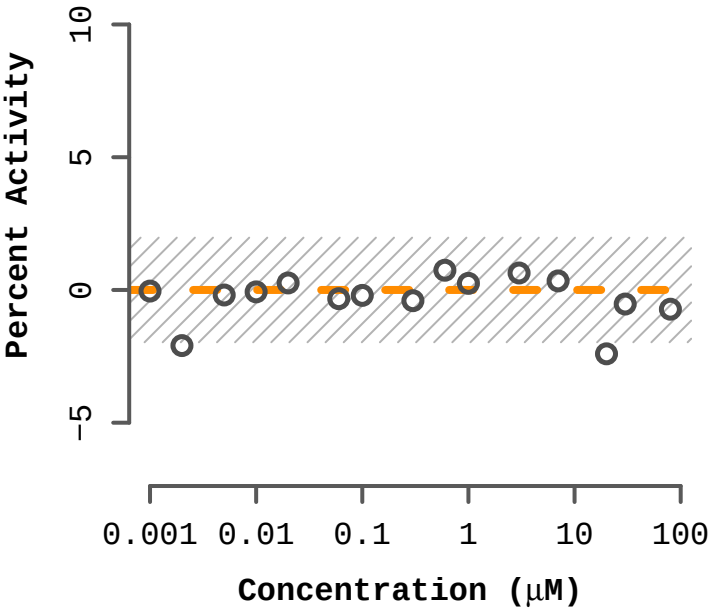
	tp	ga	gw	la	lw
val:	7.6	-0.0811	8	0.271	18
sd:	1.57	0.0445	2.3	1.32	110

	CNST	HILL	GNLS
AIC:	46.9	43.29	39.03
PROB:	0.02	0.1	0.88
RMSE:	1.76	1.68	0.65

MAX_MEAN: 6.33

MAX_MED: 6.33

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-(Dimethylamino)propylamine

CHID: 25102 CASRN: 109-55-7

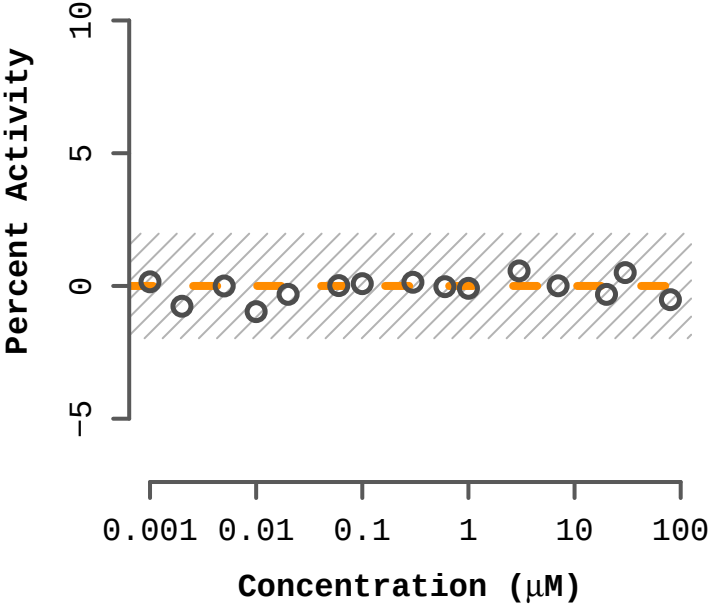
SPID(S): Tox21_202048

M4ID: 11453764

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.46	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA
MAX_MEAN:	0.744	MAX_MED: 0.744	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl disulfide

CHID: 25117 **CASRN:** 624-92-0

SPID(S): Tox21_201525

M4ID: 11454287

HILL MODEL: Not applicable.

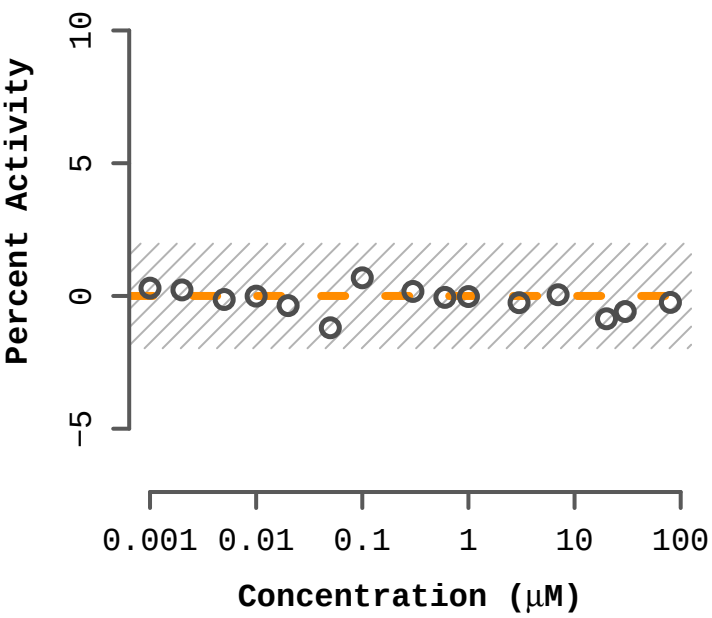
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.32	NA	NA
PROB:	1	NA	NA
RMSE:	0.42	NA	NA

MAX_MEAN: 0.569

MAX_MED: 0.569

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl glutarate

CHID: 25122 **CASRN:** 1119-40-0

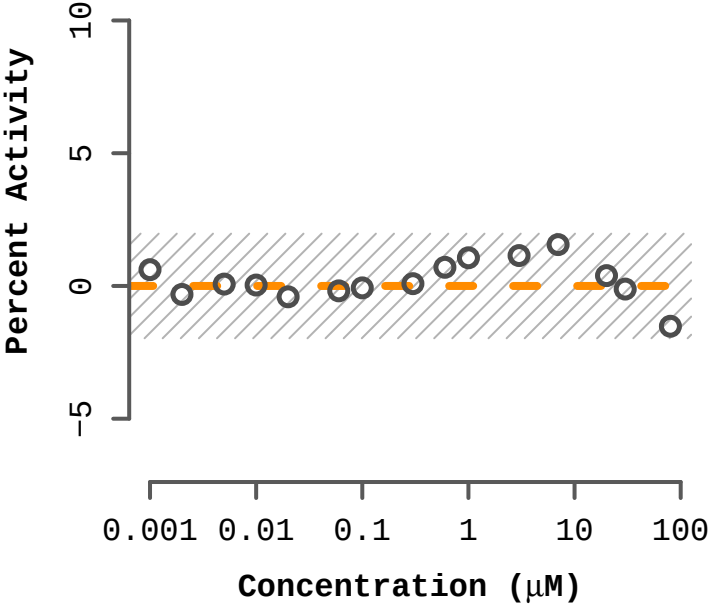
SPID(S): Tox21_201235

M4ID: 11454577

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	21.57	NA	NA
PROB:	1	NA	NA
RMSE:	0.48	NA	NA
MAX_MEAN: 0.685		MAX_MED: 0.685	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethylnaphthalene

CHID: 25130 **CASRN:** 28804-88-8

SPID(S): Tox21_202167

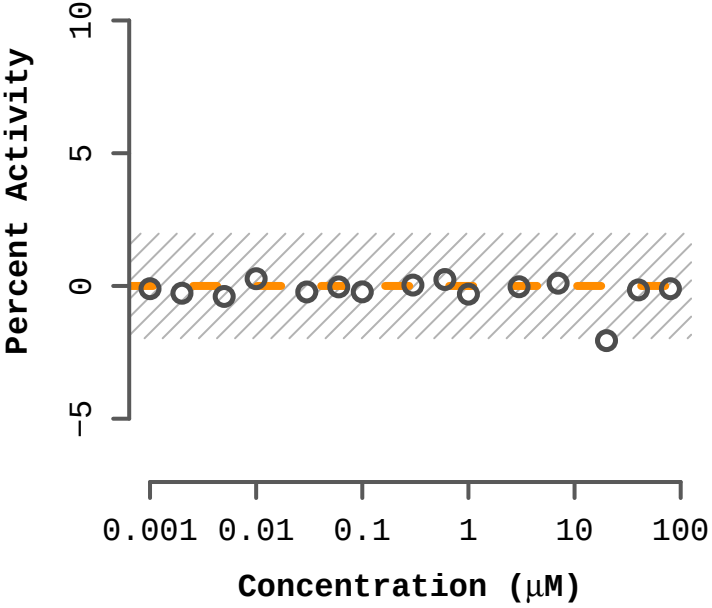
M4ID: 11453645

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.22	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN:	1.56	MAX_MED:	1.56	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Dimethyl-3-nitrobenzene

CHID: 25132 **CASRN:** 83-41-0

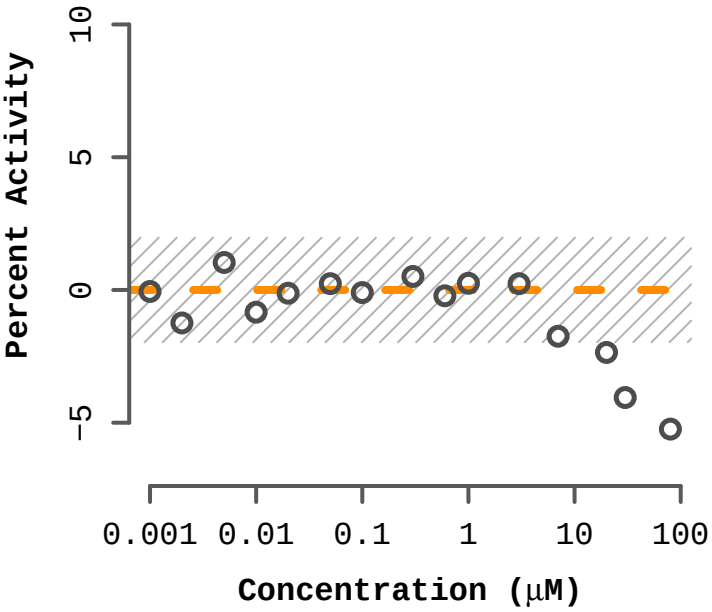
SPID(S): Tox21_202000

M4ID: 11453812

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	14.83	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.57	NA	NA	
MAX_MEAN:	0.275	MAX_MED:	0.275	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Dimethyl-4-nitrobenzene

CHID: 25133 CASRN: 99-51-4

SPID(S): Tox21_201332

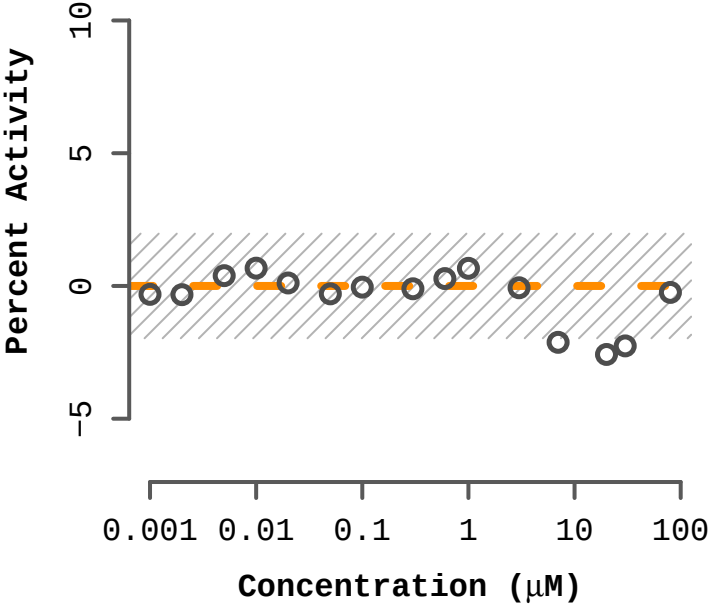
M4ID: 11454480

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	60.92	NA	NA
PROB:	1	NA	NA
RMSE:	1.94	NA	NA

MAX_MEAN: 1.04	MAX_MED: 1.04	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Dimethyl-2-nitrobenzene

CHID: 25134 CASRN: 81-20-9

SPID(S): Tox21_201388

M4ID: 11454424

HILL MODEL: Not applicable.

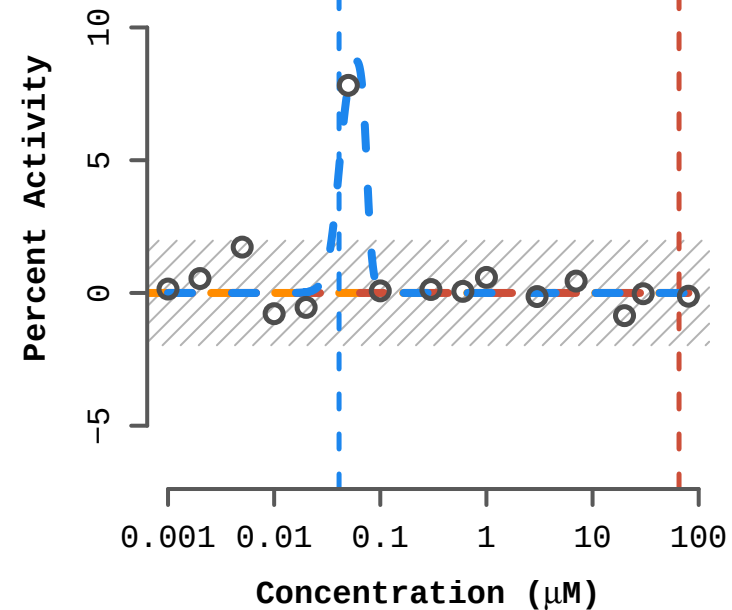
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.03	NA	NA
PROB:	1	NA	NA
RMSE:	1.09	NA	NA

MAX_MEAN: 0.671

MAX_MED: 0.671

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Dimethyl-4-nitrobenzene

CHID: 25135 CASRN: 89-87-2

SPID(S): Tox21_202223

M4ID: 11453589

HILL MODEL (in red):

	tp	ga	gw
val:	1.14e-09	1.81	0.935
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

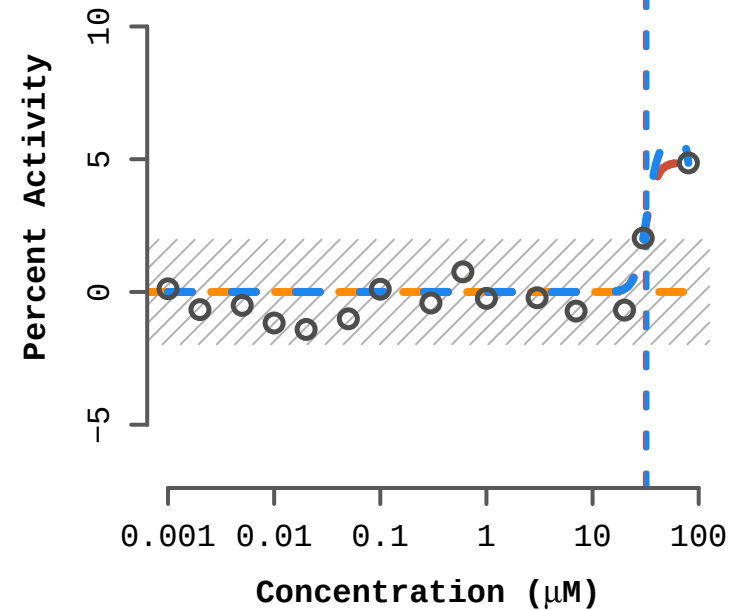
	tp	ga	gw	la	lw
val:	9.39	-1.39	8	-1.13	16.4
sd:	2.84	0.0619	4.91	0.375	48.2

	CNST	HILL	GNLS
AIC:	48.26	54.26	37.76
PROB:	0.01	0	0.99
RMSE:	2.11	2.11	0.61

MAX_MEAN: 7.82

MAX_MED: 7.82

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N-Dimethyl-4-nitrosoaniline

CHID: 25138 CASRN: 138-89-6

SPID(S): Tox21_202129

M4ID: 11453683

HILL MODEL (in red):

	tp	ga	gw
val:	4.87	1.5	8
sd:	0.525	0.0315	5.04

GAIN-LOSS MODEL (in blue):

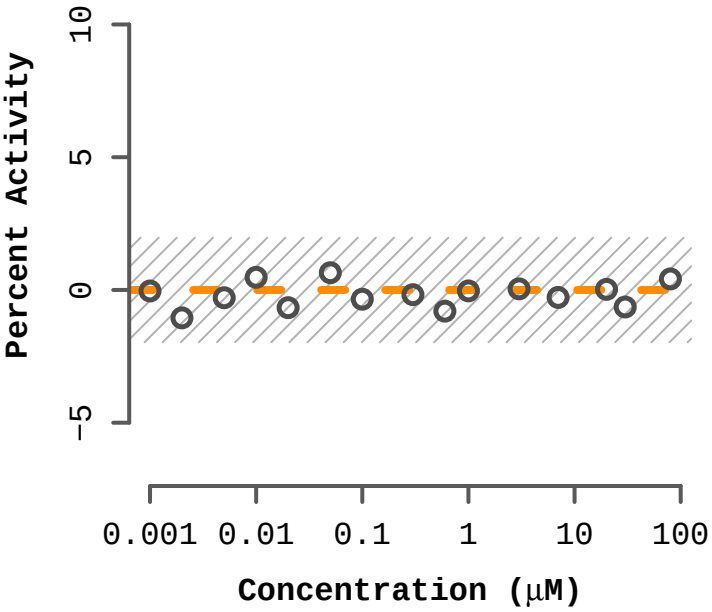
	tp	ga	gw	la	lw
val:	5.83	1.51	8	1.94	17.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	52.17	40.7	44.65
PROB:	0	0.88	0.12
RMSE:	1.52	0.69	0.69

MAX_MEAN: 4.86

MAX_MED: 4.86

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

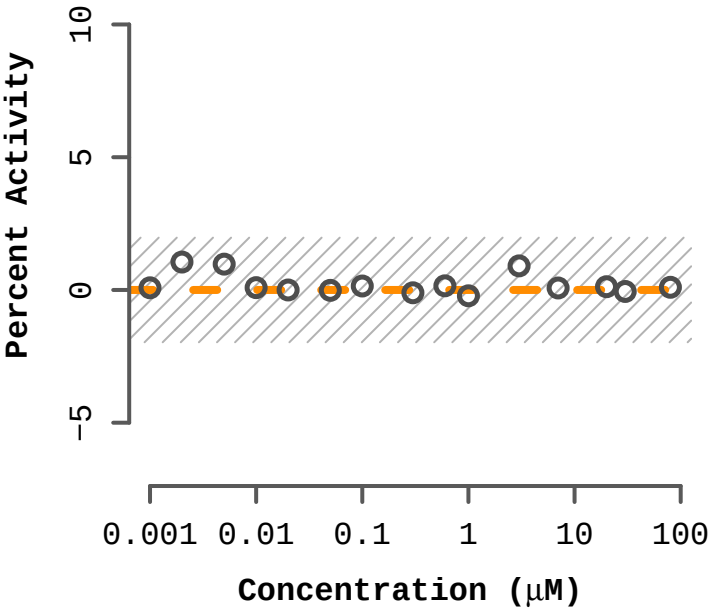
NAME: 2,3-Dimethylphenol
CHID: 25143 CASRN: 526-75-0
SPID(S): Tox21_201831
M4ID: 11453981

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.03	NA	NA
PROB:	1	NA	NA
RMSE:	0.5	NA	NA

MAX_MEAN: 0.652 MAX_MED: 0.652 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

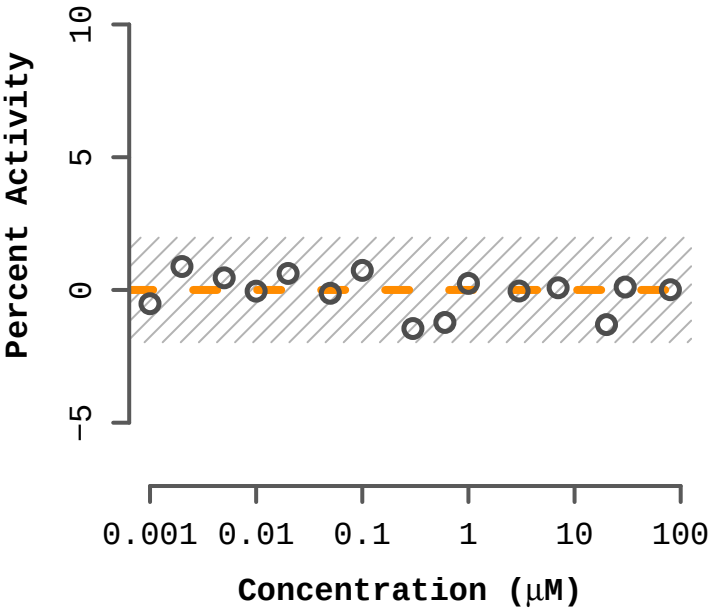
NAME: 2,5-Dimethylphenol
CHID: 25145 **CASRN:** 95-87-4
SPID(S): Tox21_201275
M4ID: 11454537

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	16.38	NA	NA
PROB:	1	NA	NA
RMSE:	0.45	NA	NA

MAX_MEAN:	1.05	MAX_MED:	1.05	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

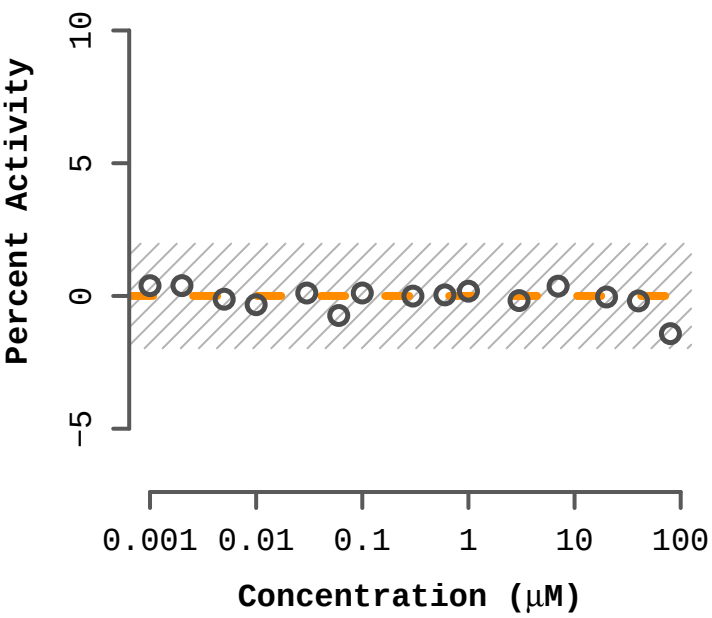
NAME: 3,5-Dimethylphenol
CHID: 25148 CASRN: 108-68-9
SPID(S): Tox21_202181
M4ID: 11453631

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.87	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN: 0.885 MAX_MED: 0.885 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl succinate

CHID: 25152 **CASRN:** 106-65-0

SPID(S): Tox21_202189

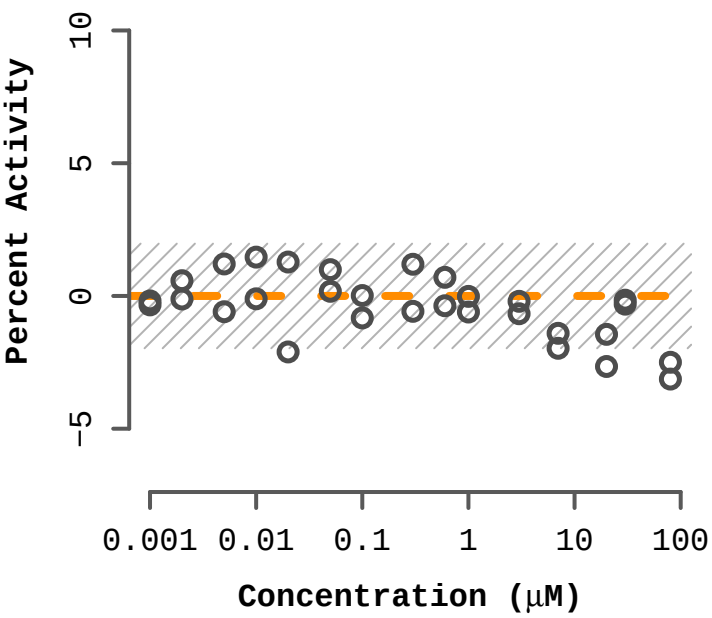
M4ID: 11453623

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	17.61	NA	NA
PROB:	1	NA	NA
RMSE:	0.46	NA	NA

MAX_MEAN: 0.39 **MAX_MED:** 0.39 **BMAD:** 0.657



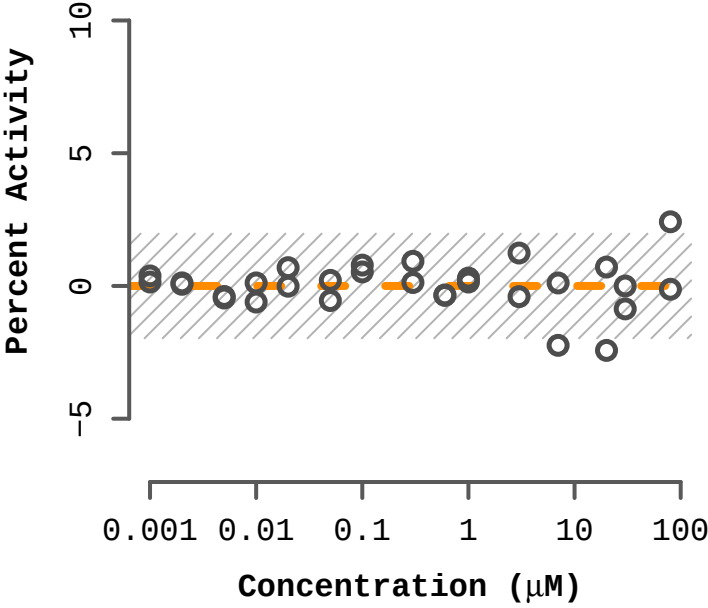
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Dinitronaphthalene
CHID: 25164 CASRN: 606-37-1
SPID(S): Tox21_400056
M4ID: 11453292

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	100.24	NA	NA
PROB:	1	NA	NA
RMSE:	1.25	NA	NA
MAX_MEAN:	0.679	MAX_MED: 0.679	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Diphenylguanidine

CHID: 25178 **CASRN:** 102-06-7

SPID(S): Tox21_400041

M4ID: 11453307

HILL MODEL: Not applicable.

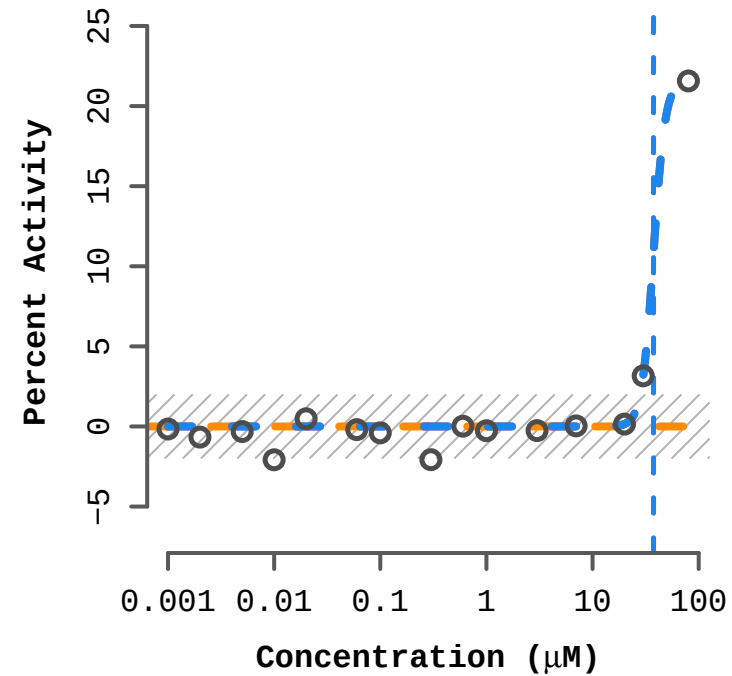
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	73.48	NA	NA
PROB:	1	NA	NA
RMSE:	0.89	NA	NA

MAX_MEAN: 1.15

MAX_MED: 1.15

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dipropylamine

CHID: 25185 CASRN: 142-84-7

SPID(S): Tox21_202085

M4ID: 11453727

HILL MODEL (in red):

	tp	ga	gw
val:	21.6	1.57	7.87
sd:	0.363	0.0103	0.709

GAIN-LOSS MODEL (in blue):

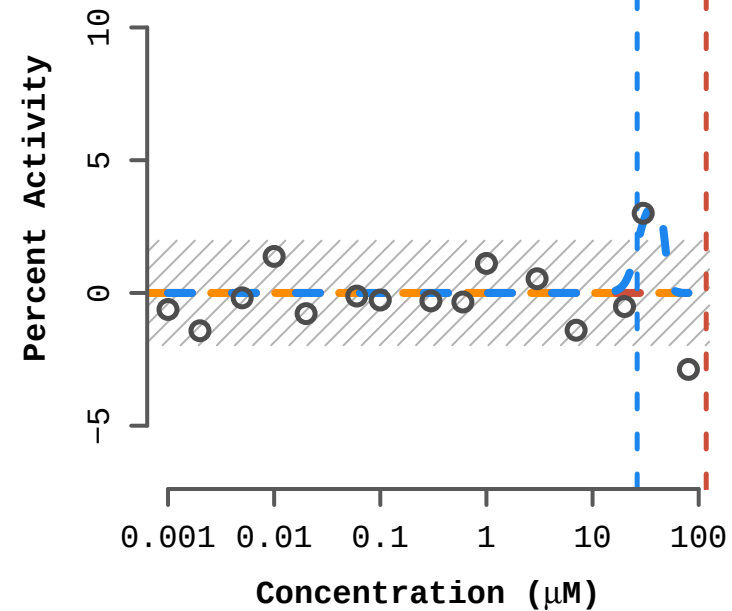
	tp	ga	gw	la	lw
val:	21.6	1.57	7.87	3.89	3.58
sd:	0.399	0.0103	0.71	32800	59000

	CNST	HILL	GNLS
AIC:	70.21	37.85	41.85
PROB:	0	0.88	0.12
RMSE:	5.69	0.81	0.81

MAX_MEAN: 21.6

MAX_MED: 21.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium dodecylbenzenesulfonate

CHID: 25219 CASRN: 25155-30-0

SPID(S): Tox21_201718

M4ID: 11454094

HILL MODEL (in red):

	tp	ga	gw
val:	1.87e-09	2.07	1.41
sd:	8.88e-05	4950	69300

GAIN-LOSS MODEL (in blue):

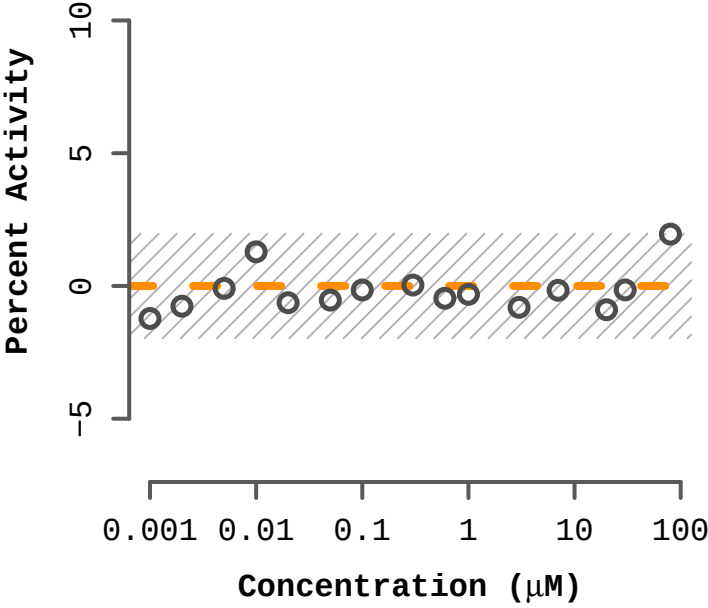
	tp	ga	gw	la	lw
val:	3.6	1.42	8	1.68	18
sd:	1.89	0.0789	5.29	0.909	76.1

	CNST	HILL	GNLS
AIC:	52.49	58.49	56.85
PROB:	0.86	0.04	0.1
RMSE:	1.32	1.32	1.09

MAX_MEAN: 3

MAX_MED: 3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Dodecanethiol

CHID: 25220 **CASRN:** 112-55-0

SPID(S): Tox21_201758

M4ID: 11454054

HILL MODEL: Not applicable.

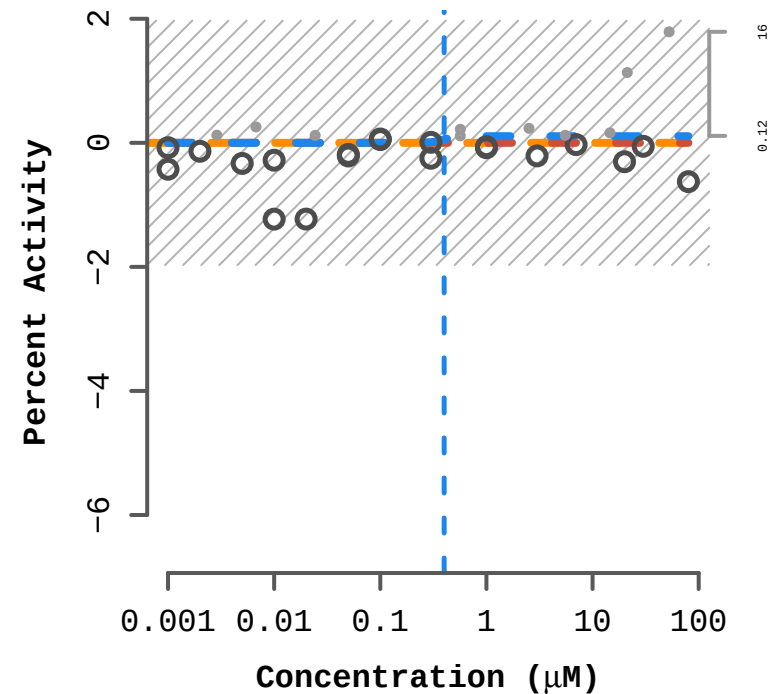
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.96	NA	NA
PROB:	1	NA	NA
RMSE:	0.82	NA	NA

MAX_MEAN: 1.95

MAX_MED: 1.95

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: tert-Dodecanethiol

CHID: 25221 CASRN: 25103-58-6

SPID(S): Tox21_400018

M4ID: 11453330 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	3.33e-07	2.35	5.27
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

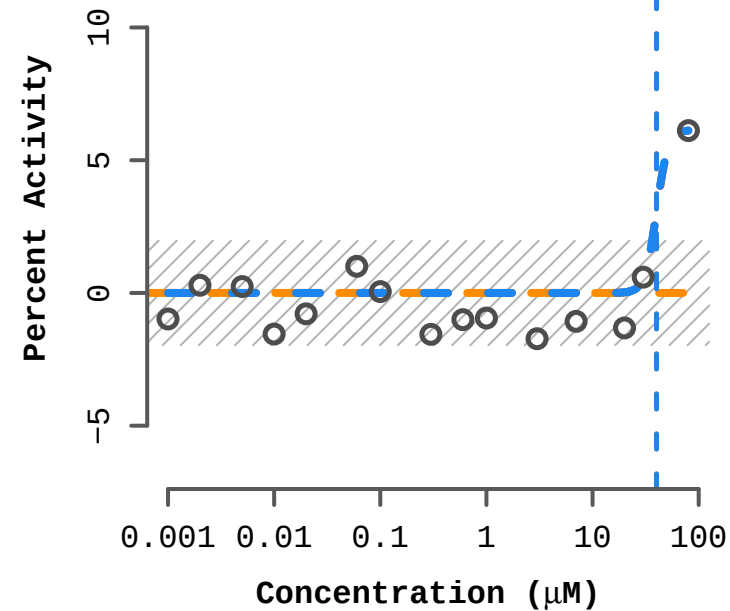
	tp	ga	gw	la	lw
val:	0.107	-0.398	8	3.25	5.88
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	102.06	108.06	111.69
PROB:	0.95	0.05	0.01
RMSE:	3.58	3.58	3.55

MAX_MEAN: 7.93

MAX_MED: 7.93

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ergotamine D-tartrate

CHID: 25253 CASRN: 379-79-3

SPID(S): Tox21_201705

M4ID: 11454107

HILL MODEL (in red):

	tp	ga	gw
val:	6.14	1.6	8
sd:	0.908	0.284	15.2

GAIN-LOSS MODEL (in blue):

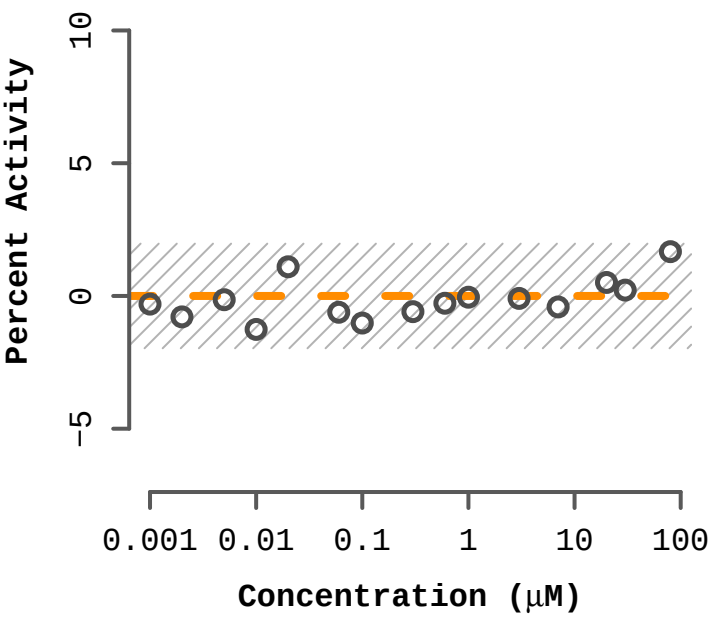
	tp	ga	gw	la	lw
val:	6.15	1.6	8	2.56	4.18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	58.79	53.1	57.1
PROB:	0.05	0.84	0.11
RMSE:	1.88	1.01	1.01

MAX_MEAN: 6.12

MAX_MED: 6.12

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Ethylaniline

CHID: 25271 **CASRN:** 103-69-5

SPID(S): Tox21_201766

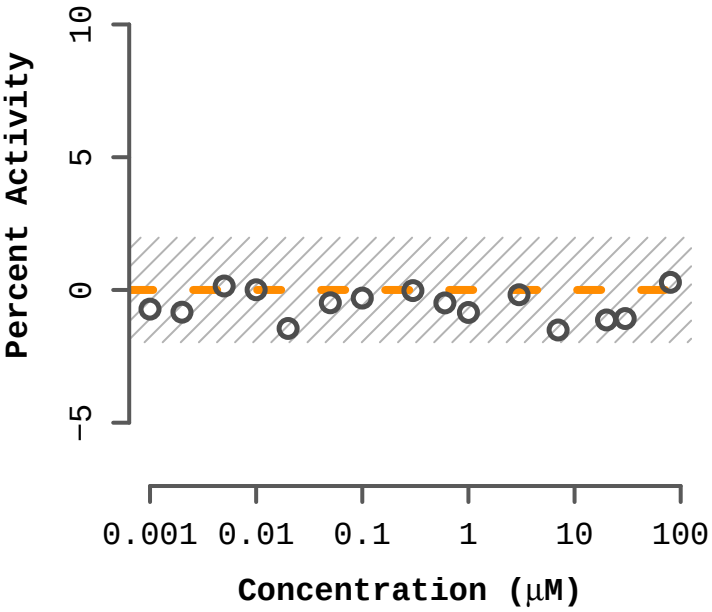
M4ID: 11454046

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.17	NA	NA
PROB:	1	NA	NA
RMSE:	0.76	NA	NA

MAX_MEAN:	1.67	MAX_MED:	1.67	BMAD:	0.657
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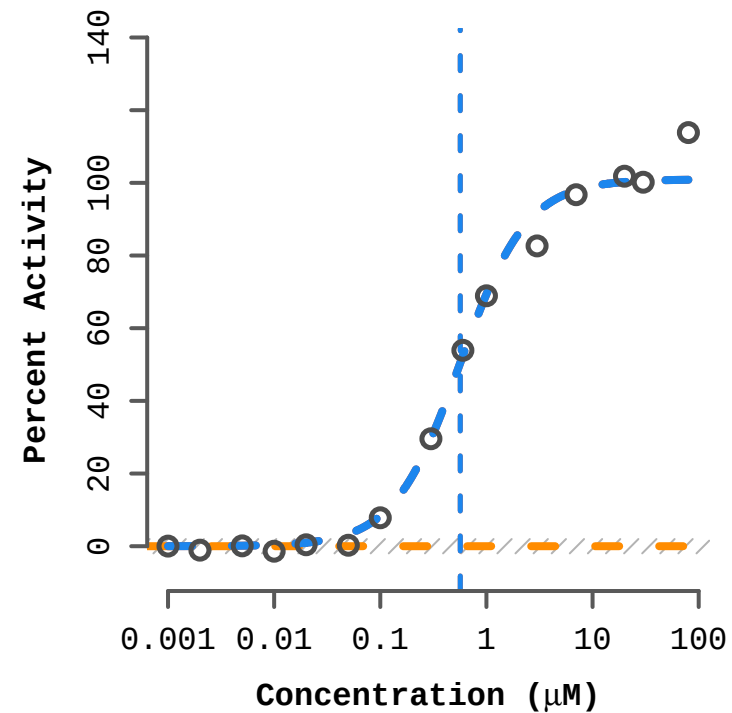
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethyl anthranilate
CHID: 25272 CASRN: 87-25-2
SPID(S): Tox21_202019
M4ID: 11453793

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.98	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA
MAX_MEAN:	0.288	MAX_MED: 0.288	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethyl cyanoacrylate

CHID: 25279 CASRN: 7085-85-0

SPID(S): Tox21_202453

M4ID: 11453359

HILL MODEL (in red):

	tp	ga	gw
val:	101	-0.246	1.39
sd:	1.24	0.0173	0.076

GAIN-LOSS MODEL (in blue):

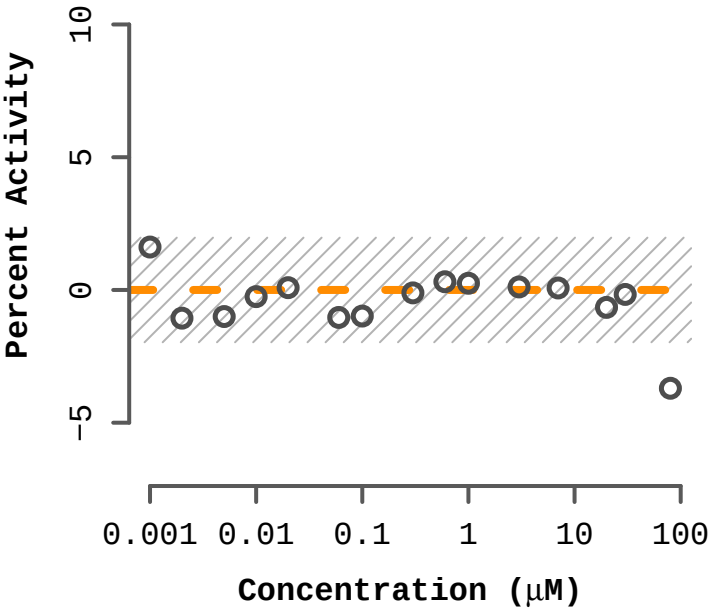
	tp	ga	gw	la	lw
val:	101	-0.246	1.39	2.52	18
sd:	1.24	0.0173	0.076	1620	45800

	CNST	HILL	GNLS
AIC:	169.54	85.17	89.17
PROB:	0	0.88	0.12
RMSE:	62.27	4.27	4.27

MAX_MEAN: 114

MAX_MED: 114

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

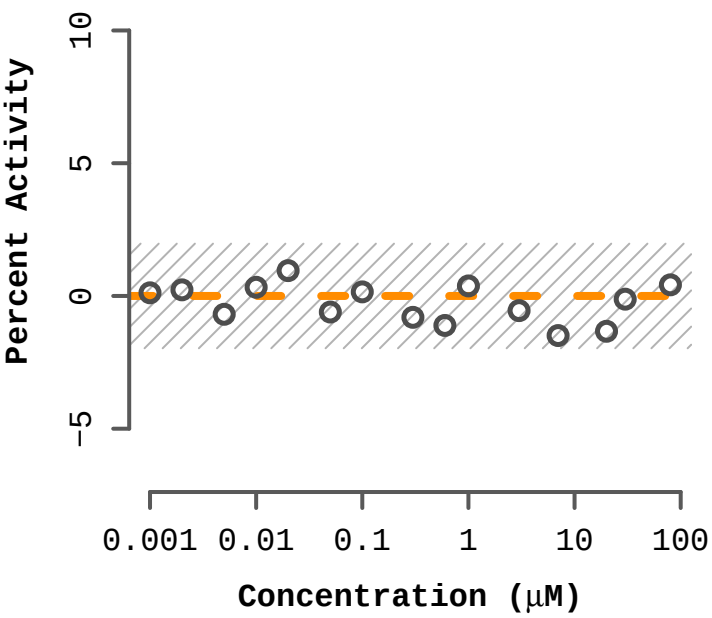
NAME: 2-Ethylhexanal
CHID: 25291 CASRN: 123-05-7
SPID(S): Tox21_202095
M4ID: 11453717

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.54	NA	NA
PROB:	1	NA	NA
RMSE:	1.19	NA	NA

MAX_MEAN: 1.62	MAX_MED: 1.62	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethyl-1,3-hexanediol

CHID: 25292 CASRN: 94-96-2

SPID(S): Tox21_202003

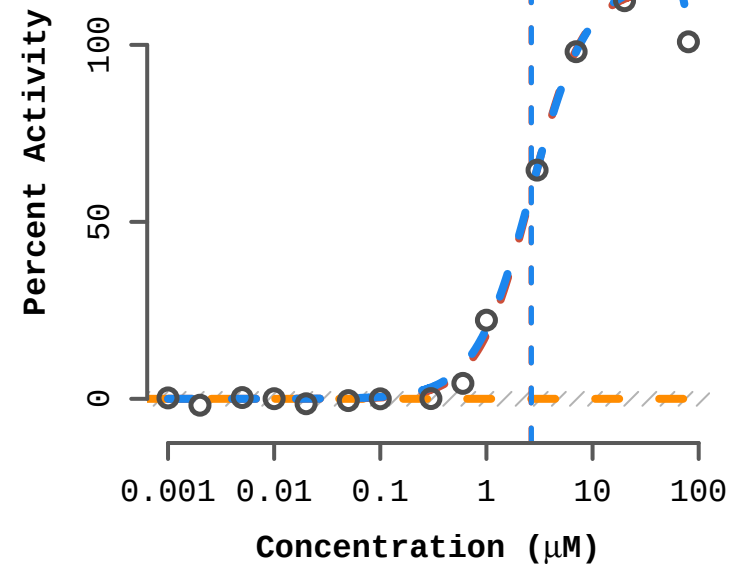
M4ID: 11453809

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.36	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 0.955 MAX_MED: 0.955 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexanoic acid

CHID: 25293 CASRN: 149-57-5

SPID(S): Tox21_201406

M4ID: 11454406

HILL MODEL (in red):

	tp	ga	gw
val:	116	0.42	1.75
sd:	2.2	0.0177	0.171

GAIN-LOSS MODEL (in blue):

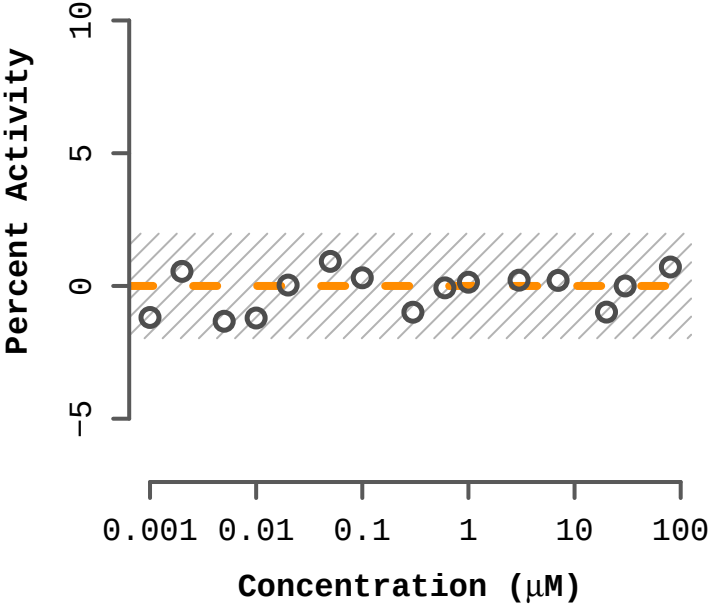
	tp	ga	gw	la	lw
val:	118	0.424	1.64	1.96	12.9
sd:	1.44	0.0126	0.114	0.00579	0.76

	CNST	HILL	GNLS
AIC:	168.79	83.59	70.94
PROB:	0	0	1
RMSE:	58.22	4.31	1.84

MAX_MEAN: 117

MAX_MED: 117

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexyl acrylate

CHID: 25297 **CASRN:** 103-11-7

SPID(S): Tox21_202053

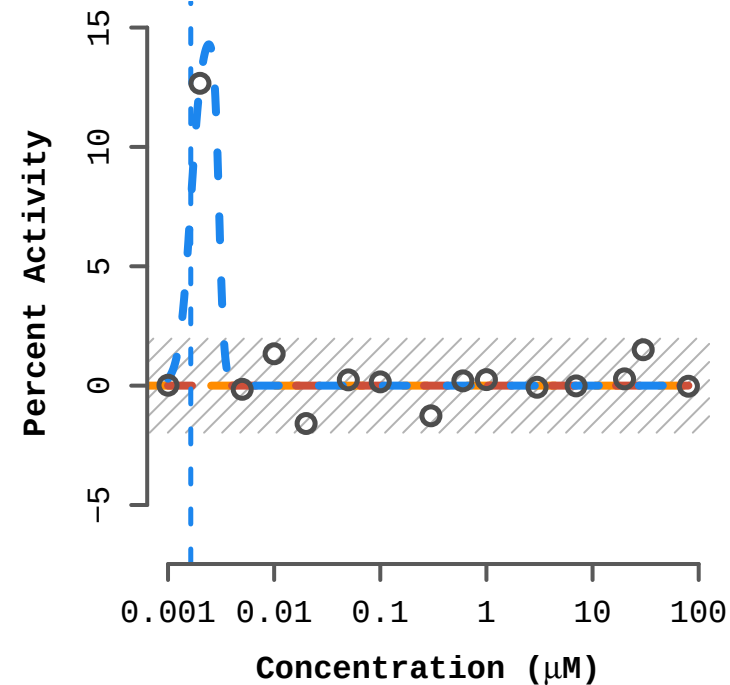
M4ID: 11453759

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.57	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN:	0.927	MAX_MED:	0.927	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexyl glycidyl ether

CHID: 25301 CASRN: 2461-15-6

SPID(S): Tox21_201983

M4ID: 11453829

HILL MODEL (in red):

	tp	ga	gw
val:	15.2	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

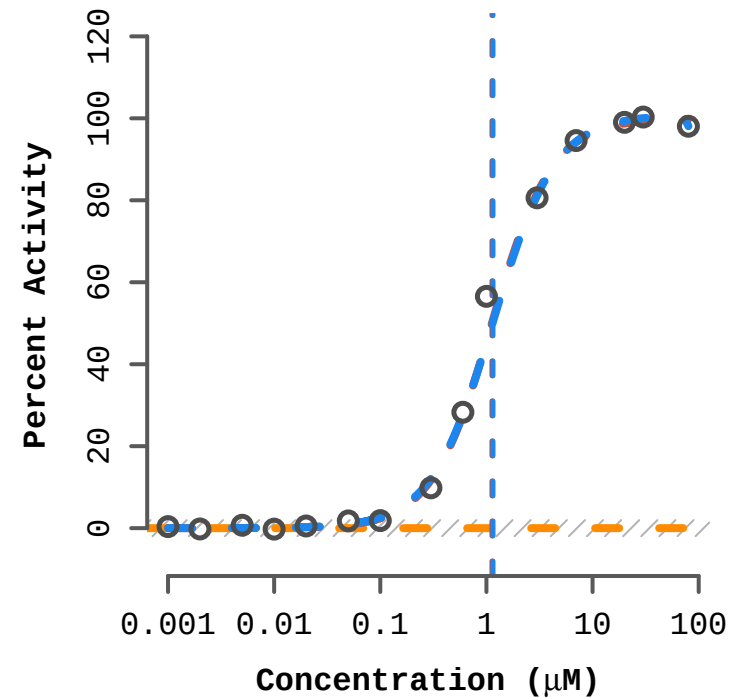
	tp	ga	gw	la	lw
val:	15.2	-2.79	8	-2.52	18
sd:	1.64	0.0187	2.58	0.371	43.3

	CNST	HILL	GNLS
AIC:	57.69	63.69	44.53
PROB:	0	0	1
RMSE:	3.36	3.36	0.75

MAX_MEAN: 12.7

MAX_MED: 12.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Octinoxate

CHID: 25302 CASRN: 5466-77-3

SPID(S): Tox21_201327

M4ID: 11454485

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.0522	1.52
sd:	0.812	0.0161	0.0607

GAIN-LOSS MODEL (in blue):

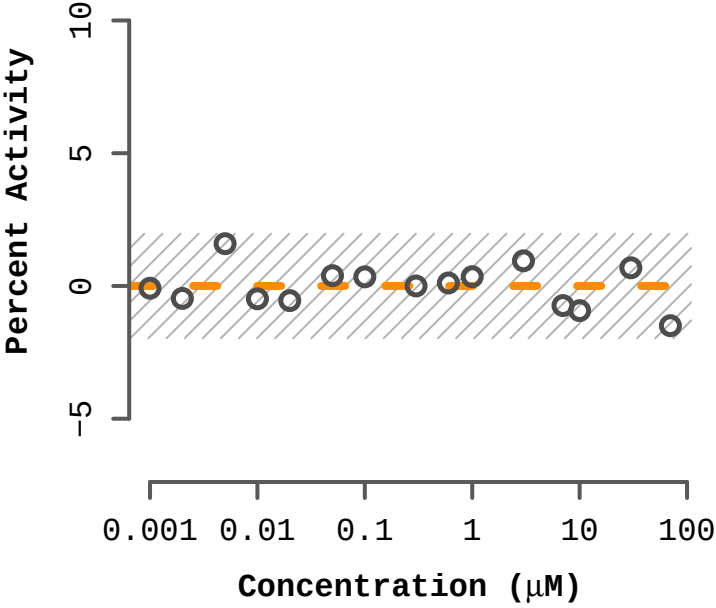
	tp	ga	gw	la	lw
val:	101	0.0618	1.48	2.04	11.7
sd:	0.445	0.0095	0.0356	0.0125	1.02

	CNST	HILL	GNLS
AIC:	166.41	66.19	64.93
PROB:	0	0.35	0.65
RMSE:	57.18	3	3.04

MAX_MEAN: 100

MAX_MED: 100

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 5-Ethylidene-2-norbornene

CHID: 25306 **CASRN:** 16219-75-3

SPID(S): Tox21_201637

M4ID: 11454175

HILL MODEL: Not applicable.

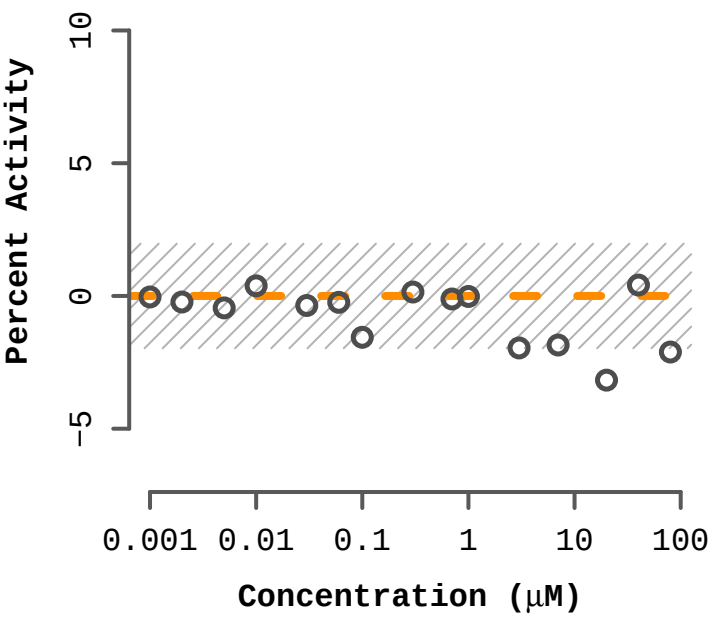
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.36	NA	NA
PROB:	1	NA	NA
RMSE:	0.76	NA	NA

MAX_MEAN: 1.59

MAX_MED: 1.59

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Formamide

CHID: 25337 **CASRN:** 75-12-7

SPID(S): Tox21_201942

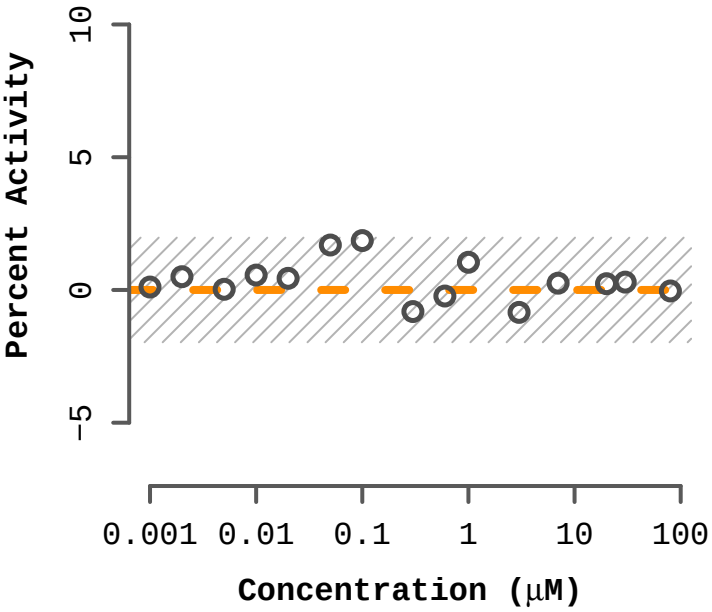
M4ID: 11453870

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51.12	NA	NA
PROB:	1	NA	NA
RMSE:	1.29	NA	NA

MAX_MEAN: 0.412 **MAX_MED:** 0.412 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Furfuryl acetate

CHID: 25346 CASRN: 623-17-6

SPID(S): Tox21_201590

M4ID: 11454222

HILL MODEL: Not applicable.

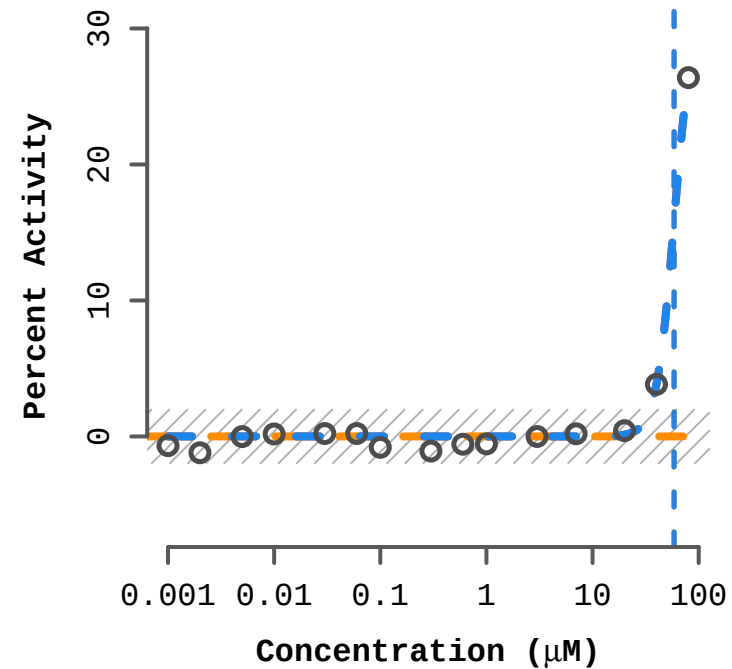
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.77	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA

MAX_MEAN: 1.86

MAX_MED: 1.86

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Furfuryl alcohol

CHID: 25347 CASRN: 98-00-0

SPID(S): Tox21_202102

M4ID: 11453710

HILL MODEL (in red):

	tp	ga	gw
val:	31.7	1.77	5.17
sd:	0.829	0.00994	0.29

GAIN-LOSS MODEL (in blue):

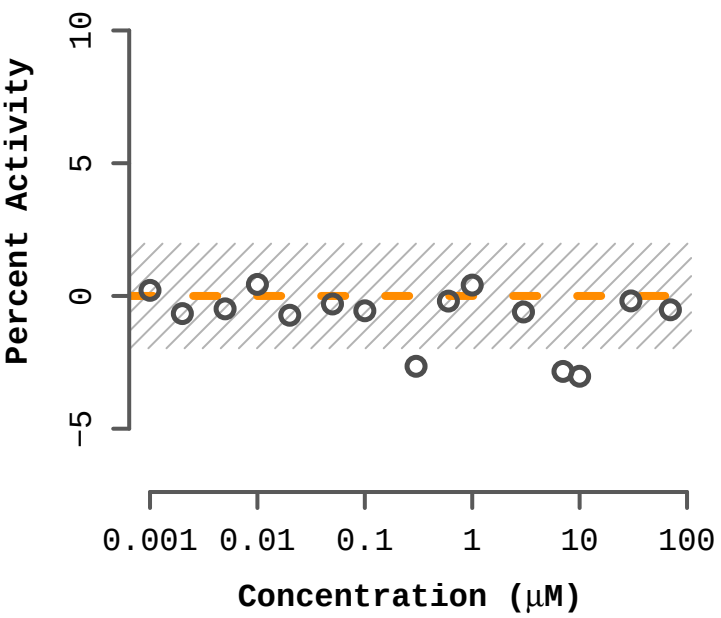
	tp	ga	gw	la	lw
val:	31.7	1.77	5.17	3.33	5.56
sd:	0.829	0.00994	0.29	1900	7440

	CNST	HILL	GNLS
AIC:	70.03	32.89	36.89
PROB:	0	0.88	0.12
RMSE:	6.91	0.55	0.55

MAX_MEAN: 26.4

MAX_MED: 26.4

BMAD: 0.657



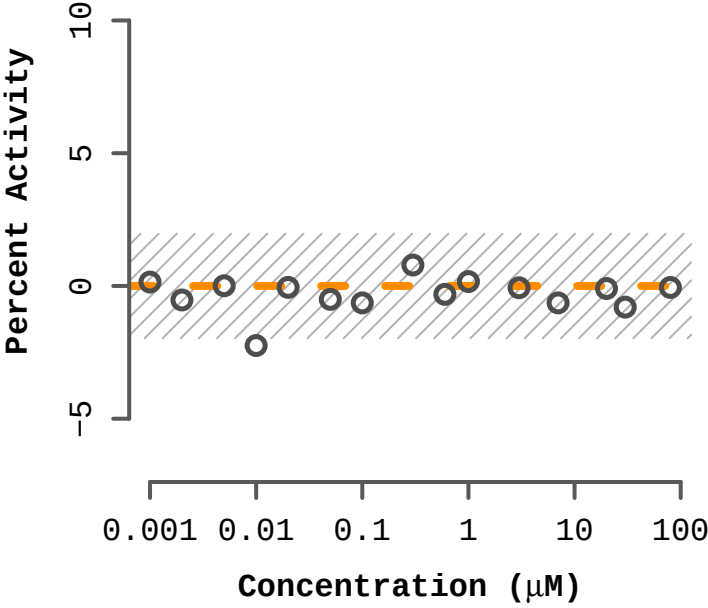
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Glutaraldehyde
CHID: 25355 CASRN: 111-30-8
SPID(S): Tox21_201742
M4ID: 11454070

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	50.93	NA	NA
PROB:	1	NA	NA
RMSE:	1.34	NA	NA
MAX_MEAN:	0.436	MAX_MED: 0.436	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Glycidyl methacrylate

CHID: 25361 **CASRN:** 106-91-2

SPID(S): Tox21_201494

M4ID: 11454318

HILL MODEL: Not applicable.

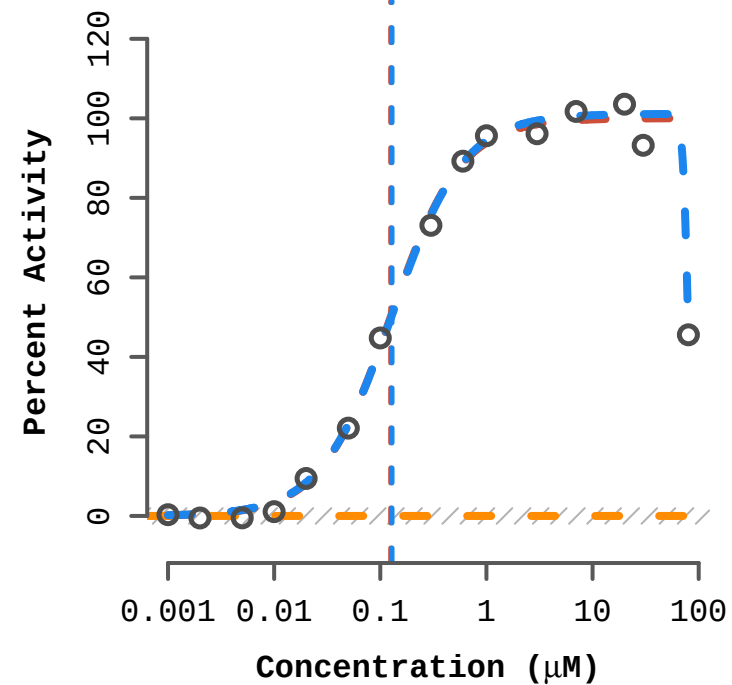
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.96	NA	NA
PROB:	1	NA	NA
RMSE:	0.72	NA	NA

MAX_MEAN: 0.789

MAX_MED: 0.789

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexamethyldisilazane

CHID: 25395 CASRN: 999-97-3

SPID(S): Tox21_202428

M4ID: 11453384

HILL MODEL (in red):

	tp	ga	gw
val:	100	-0.902	1.31
sd:	2.17	0.0361	0.0995

GAIN-LOSS MODEL (in blue):

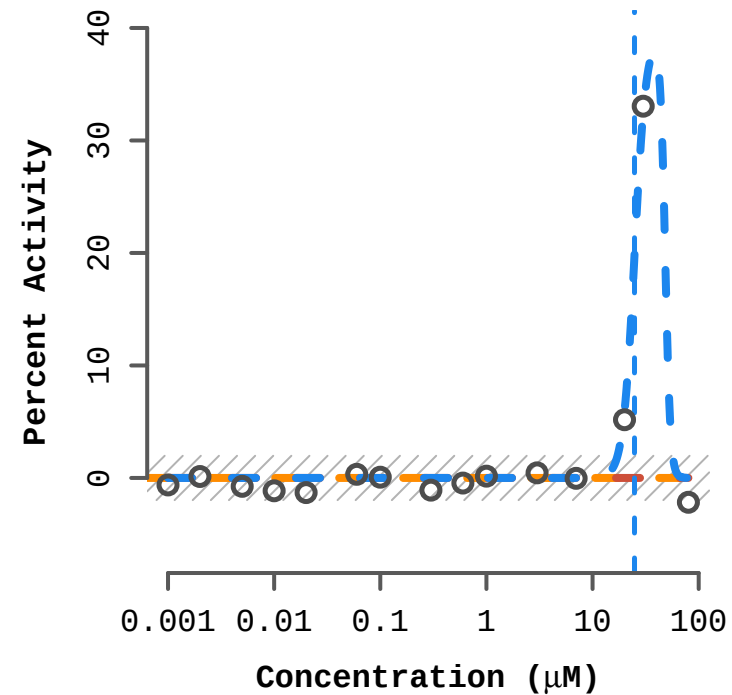
	tp	ga	gw	la	lw
val:	101	-0.889	1.29	1.9	18
sd:	1.81	0.0314	0.0744	0.00494	6.92

	CNST	HILL	GNLS
AIC:	172.34	103.1	82.22
PROB:	0	0	1
RMSE:	66.4	14.29	2.67

MAX_MEAN: 104

MAX_MED: 104

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,6-Hexanediol diacrylate

CHID: 25401 CASRN: 13048-33-4

SPID(S): Tox21_201349

M4ID: 11454463

HILL MODEL (in red):

	tp	ga	gw
val:	27	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

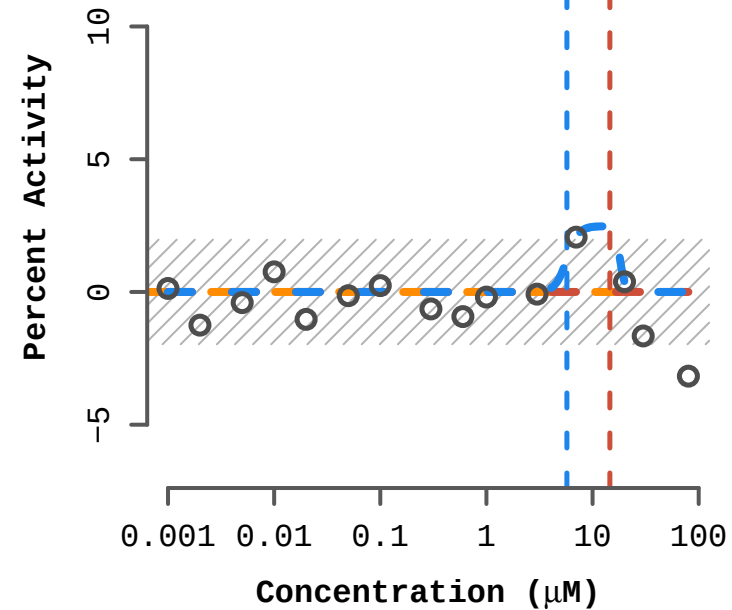
	tp	ga	gw	la	lw
val:	39.7	1.4	8	1.68	18
sd:	2.29	0.0113	0.935	0.195	16.5

	CNST	HILL	GNLS
AIC:	79.25	85.25	50.44
PROB:	0	0	1
RMSE:	8.68	8.68	0.87

MAX_MEAN: 33.1

MAX_MED: 33.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexyl methacrylate

CHID: 25406 CASRN: 142-09-6

SPID(S): Tox21_201680

M4ID: 11454132

HILL MODEL (in red):

	tp	ga	gw
val:	1.37e-12	1.16	1.74
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

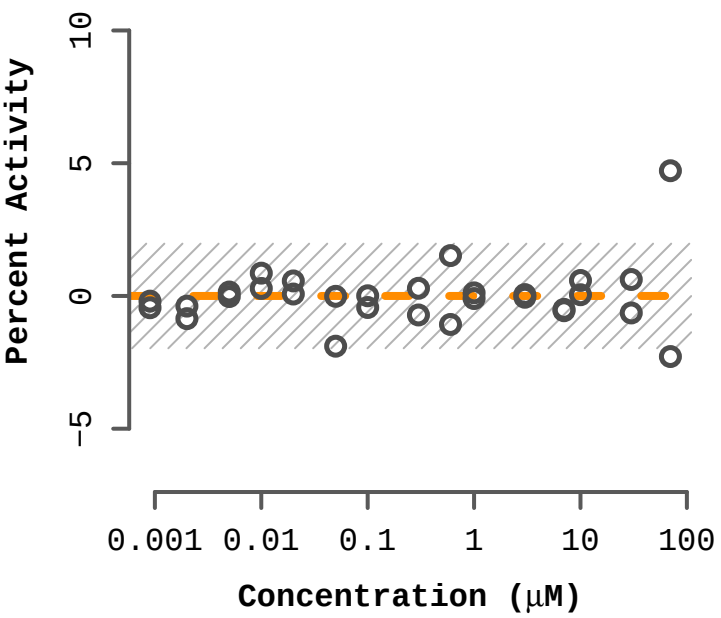
	tp	ga	gw	la	lw
val:	2.48	0.758	8	1.26	17.2
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	49.23	55.23	54.05
PROB:	0.88	0.04	0.08
RMSE:	1.21	1.21	1.08

MAX_MEAN: 2.07

MAX_MED: 2.07

BMAD: 0.657



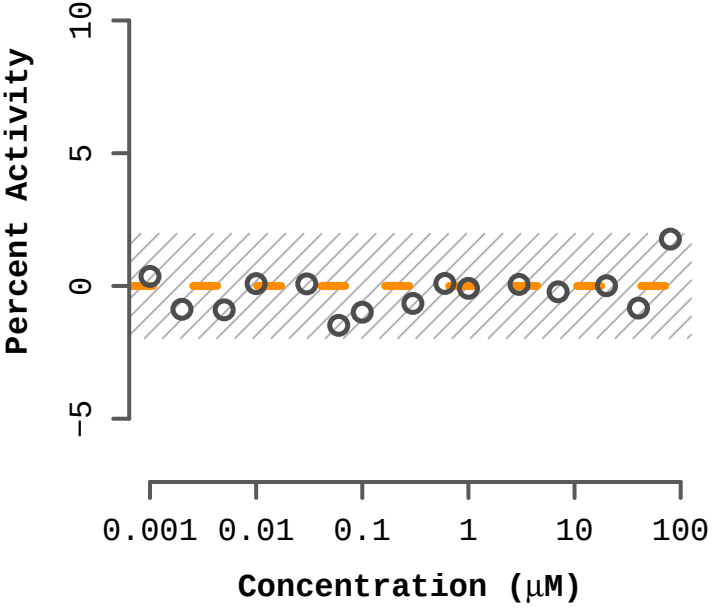
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Hydroxybenzamide
CHID: 25421 CASRN: 495-18-1
SPID(S): Tox21_400060
M4ID: 11453288

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	80.35	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.14	NA	NA	
MAX_MEAN:	1.22	MAX_MED:	1.22	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Hydroxy-2-methylpropanenitrile

CHID: 25427 **CASRN:** 75-86-5

SPID(S): Tox21_201490

M4ID: 11454322

HILL MODEL: Not applicable.

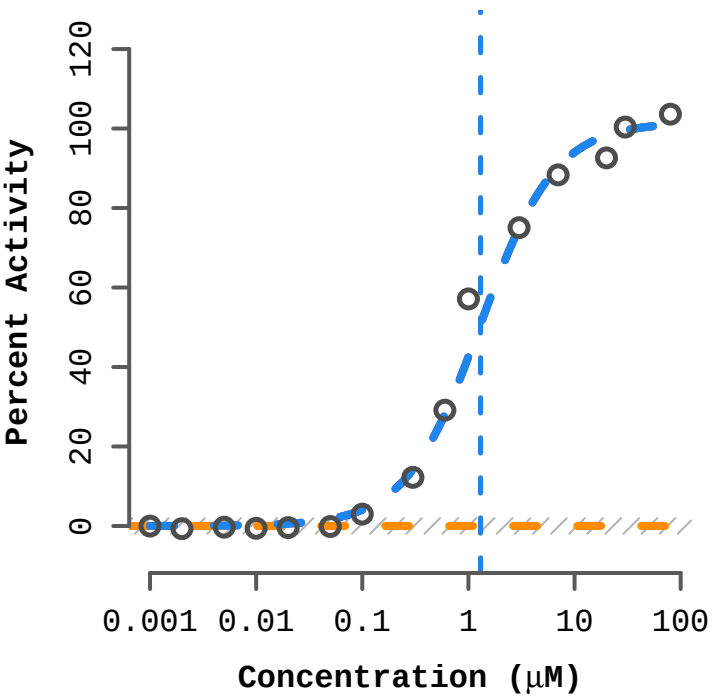
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.42	NA	NA
PROB:	1	NA	NA
RMSE:	0.78	NA	NA

MAX_MEAN: 1.76

MAX_MED: 1.76

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Methylbutyl acetate
CHID: 25453 CASRN: 123-92-2
SPID(S): Tox21_201257
M4ID: 11454555

HILL MODEL (in red):

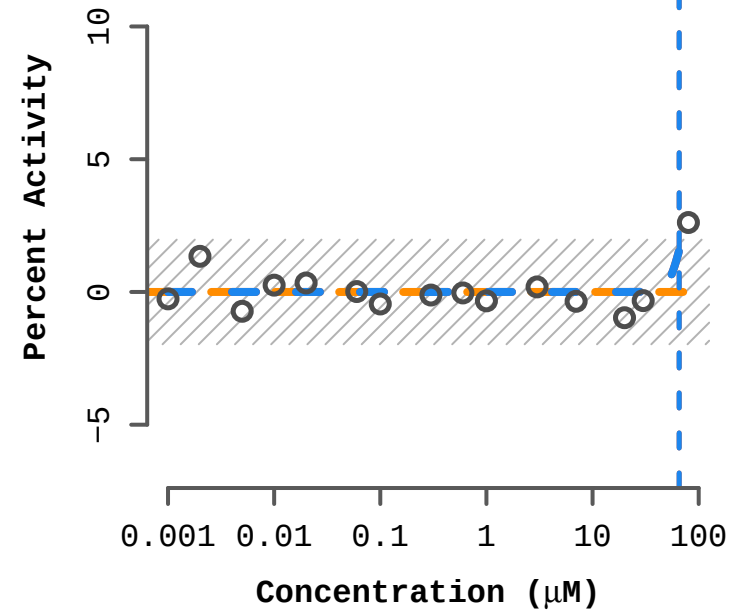
	tp	ga	gw
val:	102	0.115	1.24
sd:	2.05	0.0309	0.0699

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	102	0.115	1.24	3.89	10.7
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	165.8	83.46	87.46
PROB:	0	0.88	0.12
RMSE:	56.04	4.22	4.22

MAX_MEAN: 104 MAX_MED: 104 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isobutyl methacrylate

CHID: 25461 CASRN: 97-86-9

SPID(S): Tox21_201568

M4ID: 11454244

HILL MODEL (in red):

	tp	ga	gw
val:	3.14	1.82	8
sd:	4.11	0.362	10.4

GAIN-LOSS MODEL (in blue):

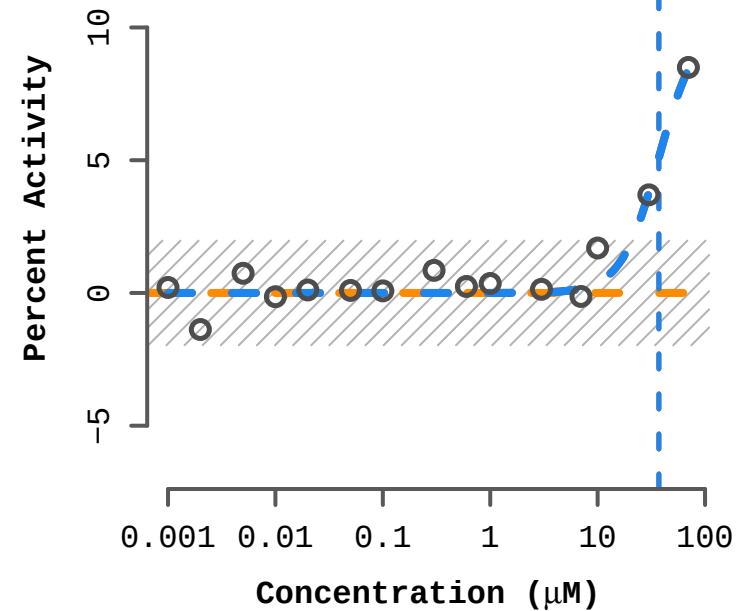
	tp	ga	gw	la	lw
val:	3.14	1.82	8	2.95	9.15
sd:	4.1	0.361	10.4	31300	273000

	CNST	HILL	GNLS
AIC:	35.48	30.21	34.21
PROB:	0.06	0.83	0.11
RMSE:	0.85	0.52	0.52

MAX_MEAN: 2.62

MAX_MED: 2.62

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isopropyl acetate

CHID: 25478 CASRN: 108-21-4

SPID(S): Tox21_201443

M4ID: 11454369

HILL MODEL (in red):

	tp	ga	gw
val:	10.2	1.57	2.46
sd:	2.28	0.103	1.16

GAIN-LOSS MODEL (in blue):

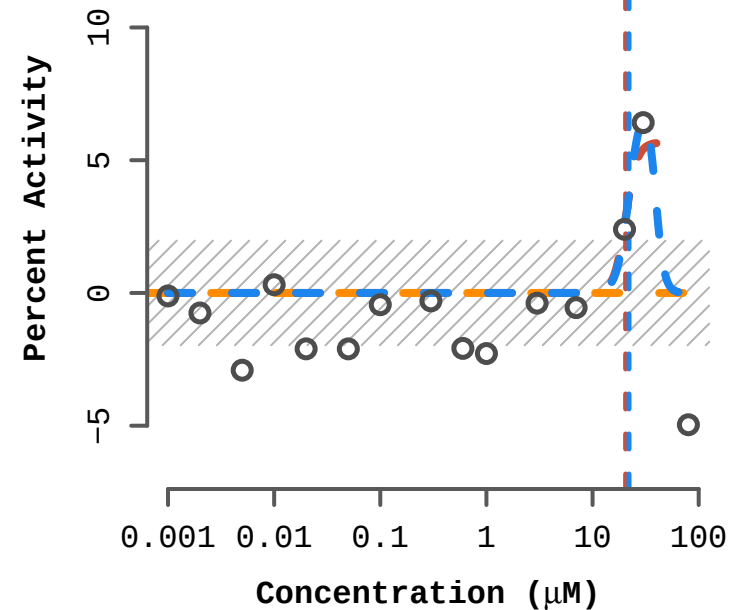
	tp	ga	gw	la	lw
val:	10.2	1.57	2.46	3.66	6.9
sd:	2.28	0.103	1.16	169000	642000

	CNST	HILL	GNLS
AIC:	60.02	33.12	37.12
PROB:	0	0.88	0.12
RMSE:	2.48	0.59	0.59

MAX_MEAN: 8.5

MAX_MED: 8.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Isopropyl-N'-phenyl-p-phenylenediamine

CHID: 25485 CASRN: 101-72-4

SPID(S): Tox21_201424

M4ID: 11454388

HILL MODEL (in red):

	tp	ga	gw
val:	5.67	1.31	8
sd:	2.03	0.0633	7.19

GAIN-LOSS MODEL (in blue):

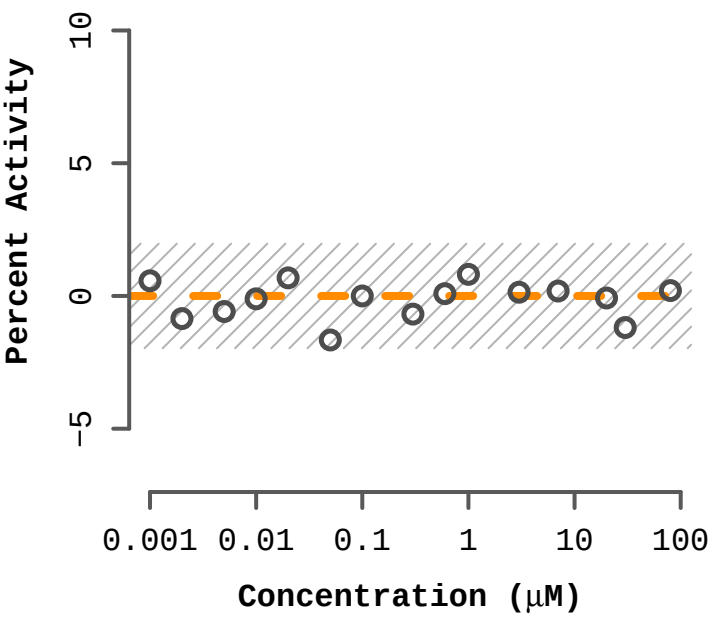
	tp	ga	gw	la	lw
val:	7.45	1.34	7.62	1.59	10.8
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	72.38	75.51	72.39
PROB:	0.45	0.1	0.45
RMSE:	2.58	3.08	1.88

MAX_MEAN: 6.42

MAX_MED: 6.42

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isoproterenol hydrochloride

CHID: 25486 **CASRN:** 51-30-9

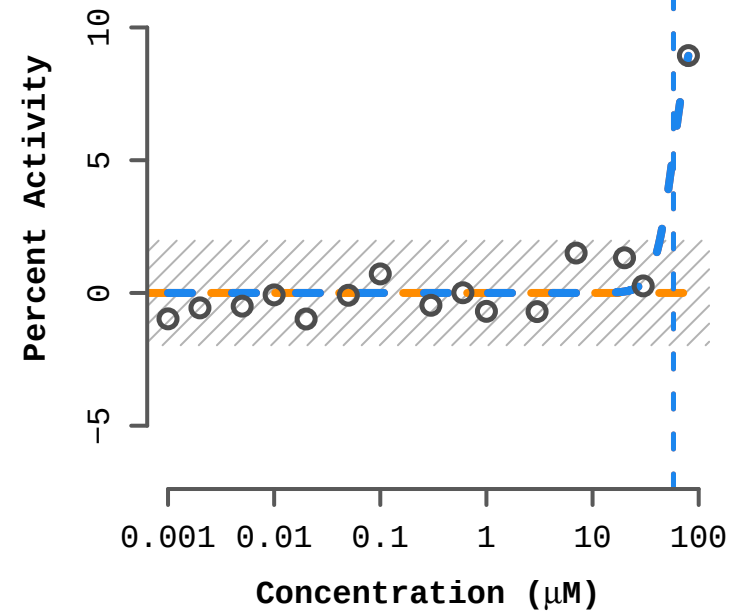
SPID(S): Tox21_201272

M4ID: 11454540

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA
MAX_MEAN: 0.815		MAX_MED: 0.815	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Chlorododecane

CHID: 25492 CASRN: 112-52-7

SPID(S): Tox21_201790

M4ID: 11454022

HILL MODEL (in red):

	tp	ga	gw
val:	10.7	1.76	4.96
sd:	10.3	0.341	6.12

GAIN-LOSS MODEL (in blue):

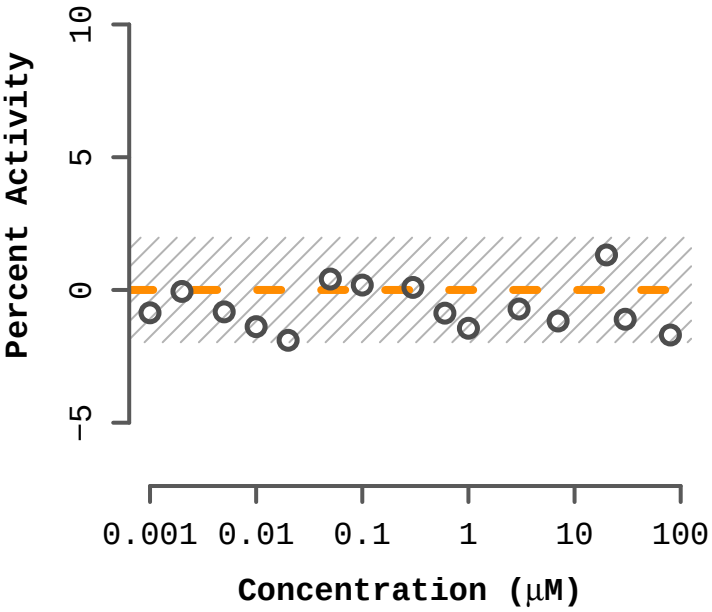
	tp	ga	gw	la	lw
val:	10.7	1.76	4.96	2.96	18
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	55.25	42.63	46.63
PROB:	0	0.88	0.12
RMSE:	2.43	0.73	0.73

MAX_MEAN: 8.94

MAX_MED: 8.94

BMAD: 0.657



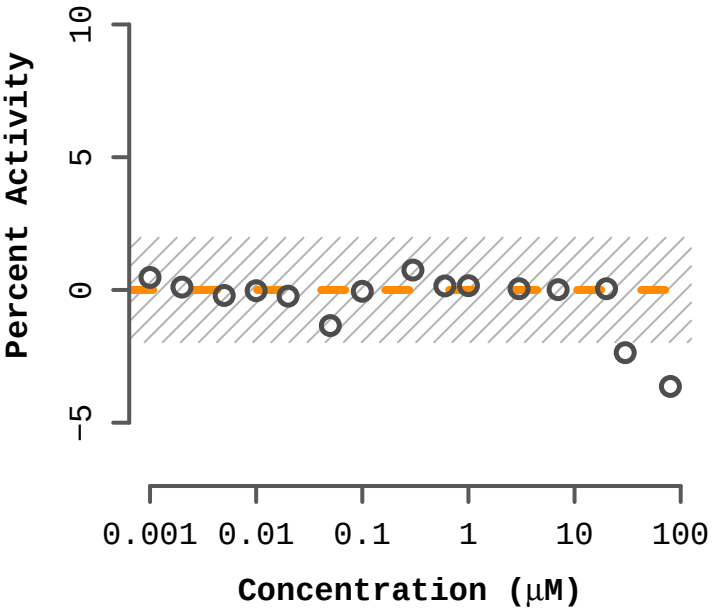
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Linalool
CHID: 25502 CASRN: 78-70-6
SPID(S): Tox21_201658
M4ID: 11454154

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	49.35	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.09	NA	NA	
MAX_MEAN:	1.32	MAX_MED:	1.32	
			BMAD:	0.657



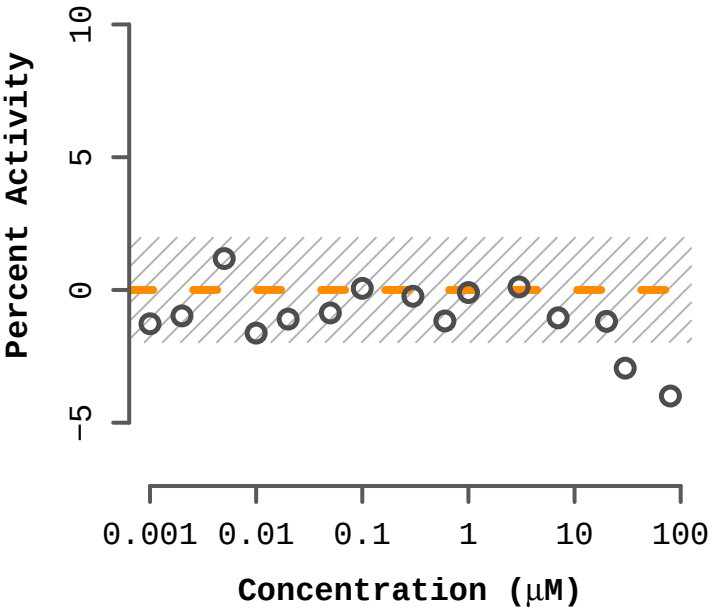
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Linoleic acid
CHID: 25505 CASRN: 60-33-3
SPID(S): Tox21_202171
M4ID: 11453641

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.47	NA	NA
PROB:	1	NA	NA
RMSE:	1.2	NA	NA
MAX_MEAN:	0.751	MAX_MED: 0.751	BMAD: 0.657



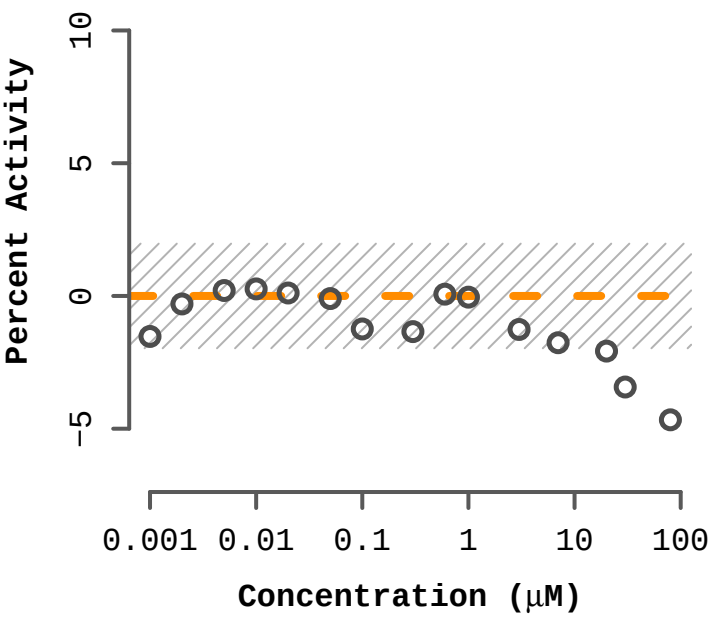
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Linolenic acid
CHID: 25506 CASRN: 463-40-1
SPID(S): Tox21_201727
M4ID: 11454085

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	57.74	NA	NA
PROB:	1	NA	NA
RMSE:	1.57	NA	NA
MAX_MEAN:	1.18	MAX_MED: 1.18	BMAD: 0.657



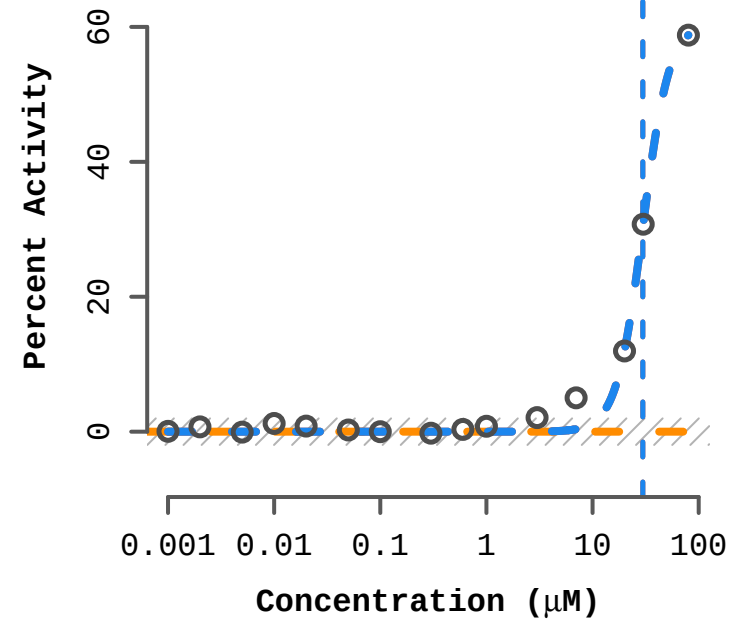
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: alpha-Lipoic acid
CHID: 25508 CASRN: 1077-28-7
SPID(S): Tox21_201808
M4ID: 11454004

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	60.79	NA	NA
PROB:	1	NA	NA
RMSE:	1.8	NA	NA
MAX_MEAN:	0.266	MAX_MED: 0.266	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Maltol

CHID: 25523 CASRN: 118-71-8

SPID(S): Tox21_202215

M4ID: 11453597

HILL MODEL (in red):

	tp	ga	gw
val:	60.6	1.47	3.51
sd:	0.617	0.0059	0.155

GAIN-LOSS MODEL (in blue):

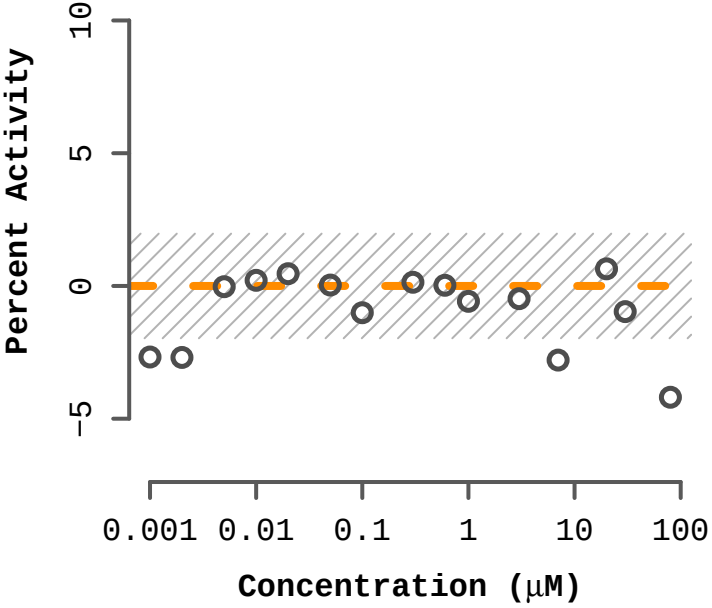
	tp	ga	gw	la	lw
val:	60.6	1.47	3.51	3.82	6.02
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	114.99	52.45	56.45
PROB:	0	0.88	0.12
RMSE:	17.47	1.4	1.4

MAX_MEAN: 58.8

MAX_MED: 58.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Mercaptobenzimidazole

CHID: 25536 CASRN: 583-39-1

SPID(S): Tox21_201828

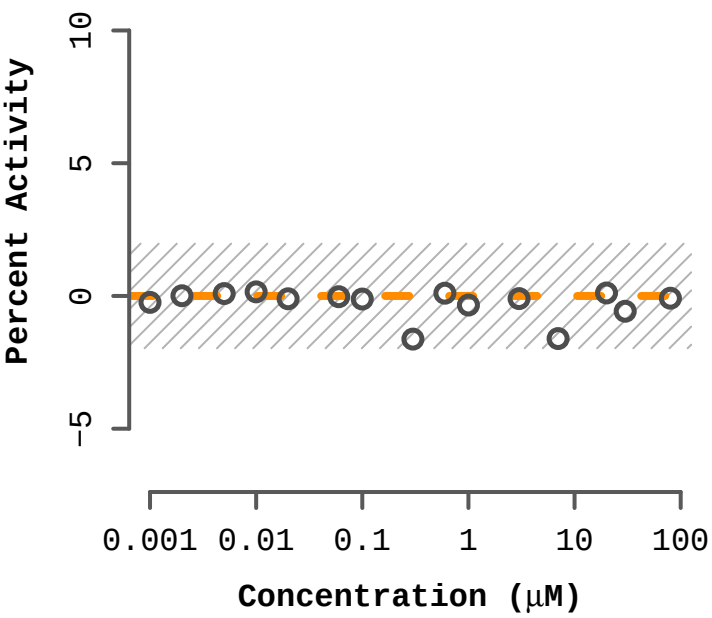
M4ID: 11453984

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	58.89	NA	NA
PROB:	1	NA	NA
RMSE:	1.69	NA	NA

MAX_MEAN: 0.646	MAX_MED: 0.646	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 5-Methoxypsoralen

CHID: 25560 **CASRN:** 484-20-8

SPID(S): Tox21_202357

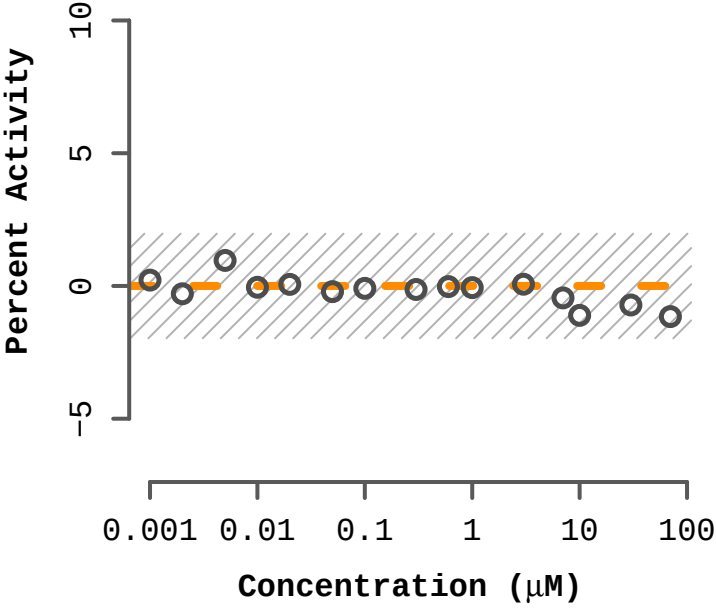
M4ID: 11453455

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	23.09	NA	NA
PROB:	1	NA	NA
RMSE:	0.62	NA	NA

MAX_MEAN: 0.155 **MAX_MED:** 0.155 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl 2-aminobenzoate

CHID: 25567 CASRN: 134-20-3

SPID(S): Tox21_201657

M4ID: 11454155

HILL MODEL: Not applicable.

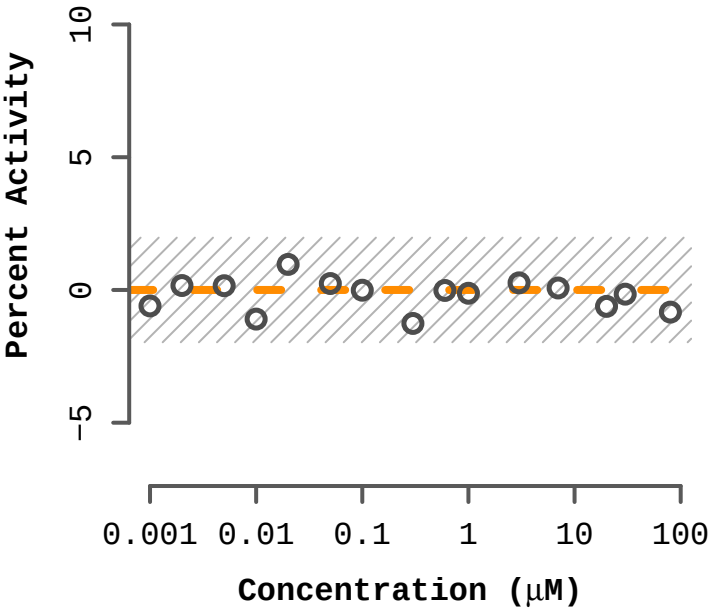
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.32	NA	NA
PROB:	1	NA	NA
RMSE:	0.54	NA	NA

MAX_MEAN: 0.962

MAX_MED: 0.962

BMAD: 0.657



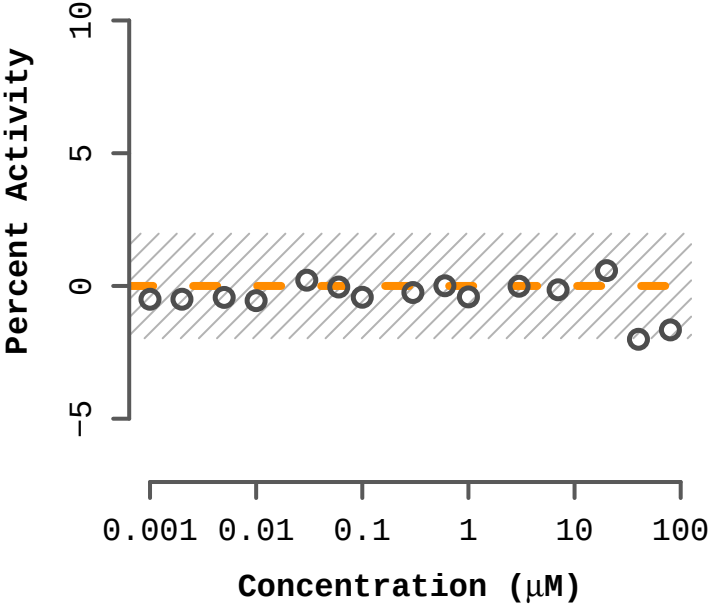
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl benzoate
CHID: 25572 CASRN: 93-58-3
SPID(S): Tox21_201832
M4ID: 11453980

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	29.48	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.6	NA	NA	
MAX_MEAN:	0.964	MAX_MED:	0.964	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 6-Methyl coumarin

CHID: 25588 **CASRN:** 92-48-8

SPID(S): Tox21_201810

M4ID: 11454002

HILL MODEL: Not applicable.

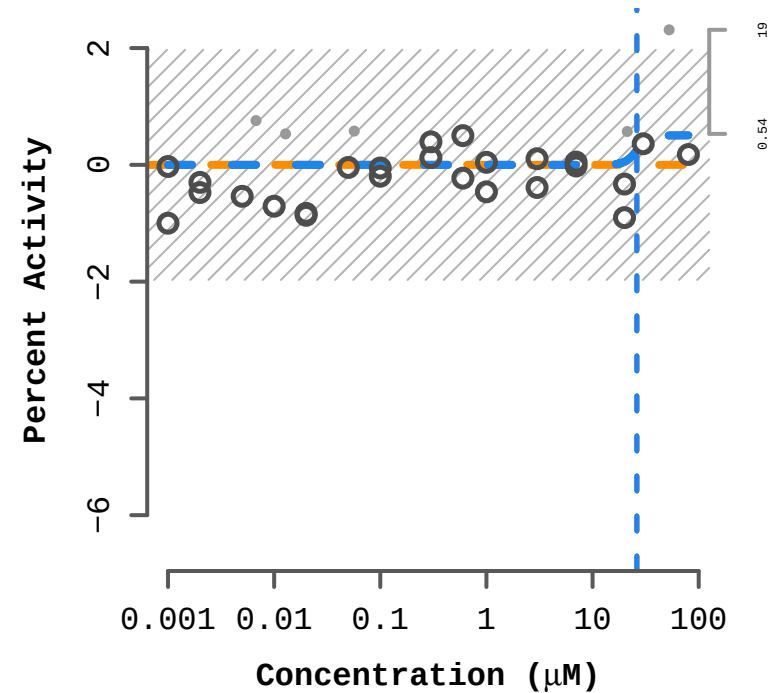
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.76	NA	NA

MAX_MEAN: 0.58

MAX_MED: 0.58

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N'-Methylenebisacrylamide

CHID: 25595 CASRN: 110-26-9

SPID(S): Tox21_400038

M4ID: 11453310 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	0.505	1.42	8
sd:	0.42	0.111	9.58

GAIN-LOSS MODEL (in blue):

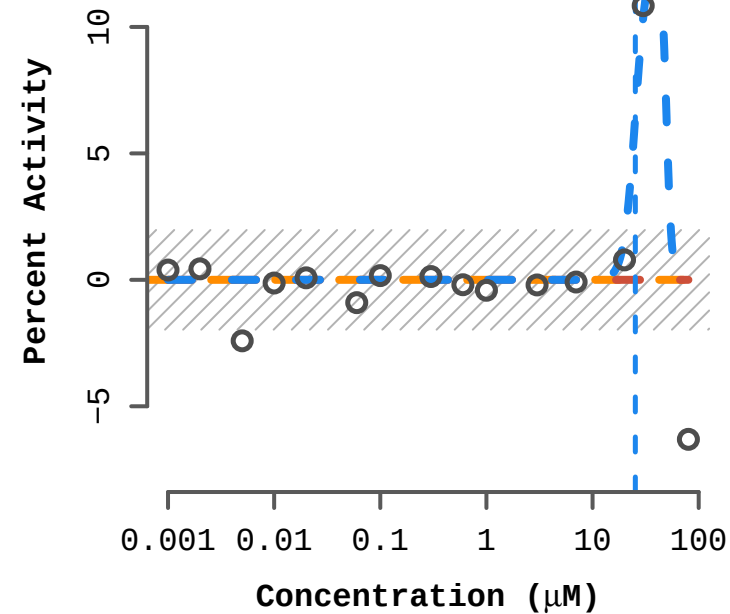
	tp	ga	gw	la	lw
val:	0.505	1.42	8	3.9	11
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	89.57	93.87	97.87
PROB:	0.88	0.1	0.01
RMSE:	3.51	3.42	3.42

MAX_MEAN: 9.5

MAX_MED: 9.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methylene bis(thiocyanate)

CHID: 25599 CASRN: 6317-18-6

SPID(S): Tox21_202325

M4ID: 11453487

HILL MODEL (in red):

	tp	ga	gw
val:	0.000543	2.4	7.5
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

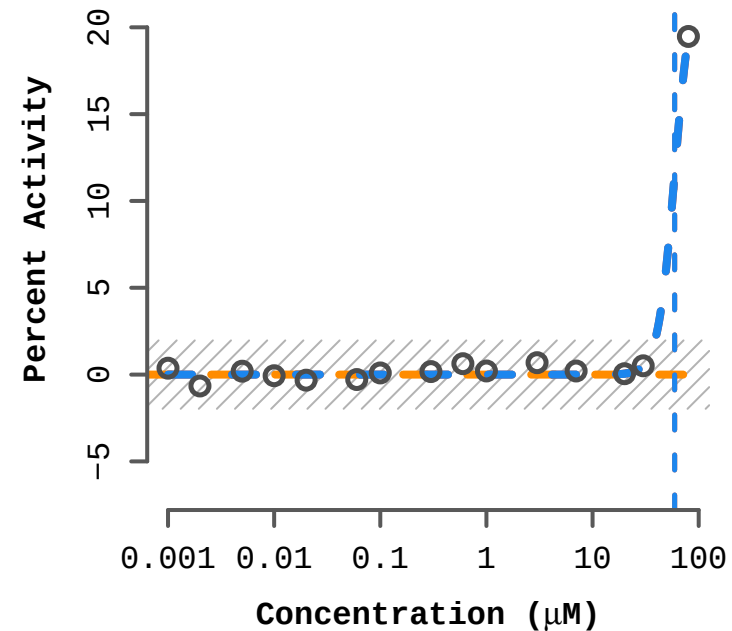
	tp	ga	gw	la	lw
val:	13	1.4	8	1.7	18
sd:	1.89	0.0291	2.31	0.407	34.5

	CNST	HILL	GNLS
AIC:	67.39	73.39	58.5
PROB:	0.01	0	0.99
RMSE:	3.32	3.32	1.79

MAX_MEAN: 10.8

MAX_MED: 10.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyleugenol

CHID: 25607 CASRN: 93-15-2

SPID(S): Tox21_202347

M4ID: 11453465

HILL MODEL (in red):

	tp	ga	gw
val:	23.2	1.77	5.55
sd:	0.767	0.0113	0.529

GAIN-LOSS MODEL (in blue):

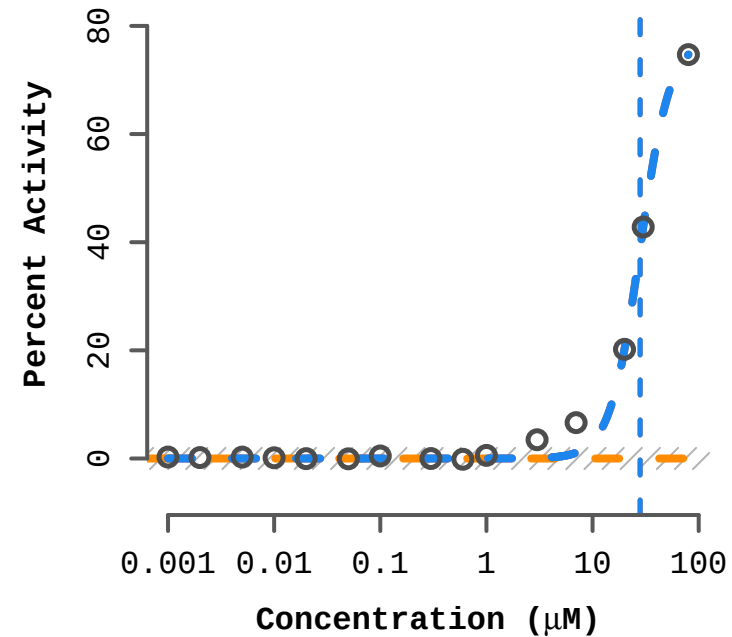
	tp	ga	gw	la	lw
val:	23.3	1.77	5.57	2.79	2.54
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	48.86	19.14	23.14
PROB:	0	0.88	0.12
RMSE:	5.04	0.35	0.35

MAX_MEAN: 19.5

MAX_MED: 19.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl 4-formylbenzoate

CHID: 25610 CASRN: 1571-08-0

SPID(S): Tox21_202369

M4ID: 11453443

HILL MODEL (in red):

	tp	ga	gw
val:	77.7	1.45	3.08
sd:	0.352	0.00355	0.055

GAIN-LOSS MODEL (in blue):

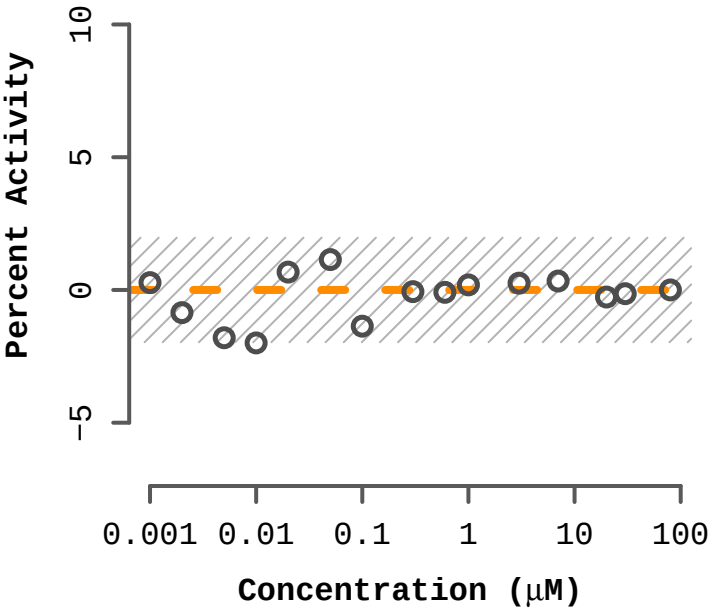
	tp	ga	gw	la	lw
val:	77.7	1.45	3.08	3.58	12.7
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	126.79	49.45	53.45
PROB:	0	0.88	0.12
RMSE:	22.92	1.7	1.7

MAX_MEAN: 74.7

MAX_MED: 74.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methylpentanedinitrile

CHID: 25612 CASRN: 4553-62-2

SPID(S): Tox21_201788

M4ID: 11454024

HILL MODEL: Not applicable.

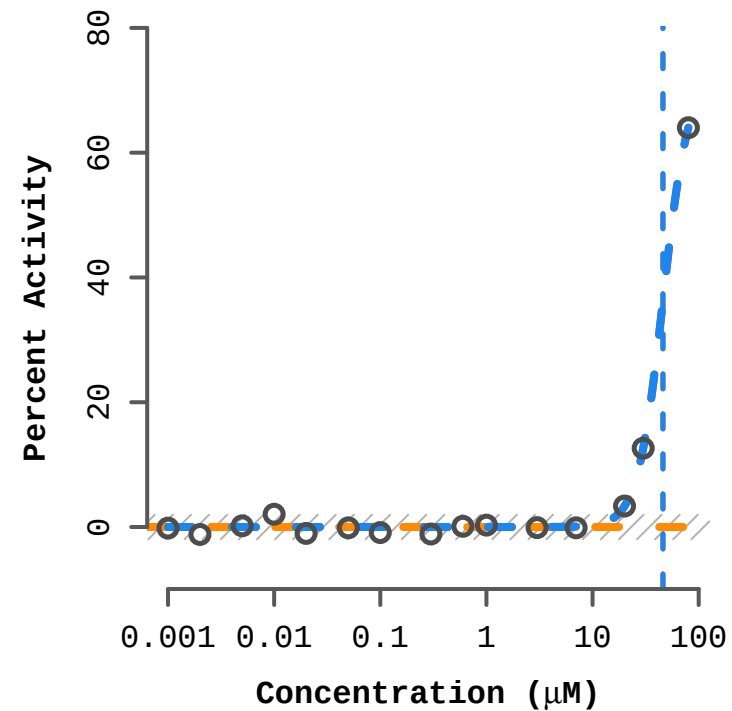
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.6	NA	NA
PROB:	1	NA	NA
RMSE:	0.89	NA	NA

MAX_MEAN: 1.15

MAX_MED: 1.15

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methyl-2-nitroaniline

CHID: 25632 CASRN: 89-62-3

SPID(S): Tox21_202055

M4ID: 11453757

HILL MODEL (in red):

	tp	ga	gw
val:	72.6	1.66	3.63
sd:	0.764	0.00705	0.0757

GAIN-LOSS MODEL (in blue):

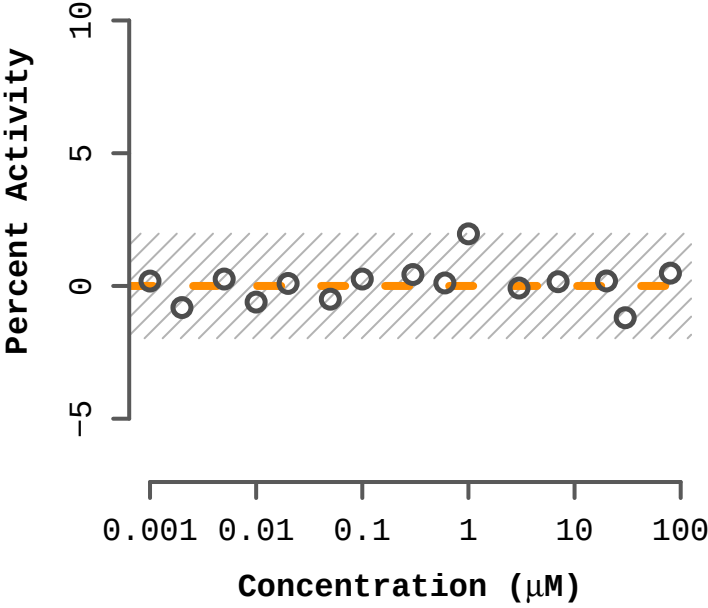
	tp	ga	gw	la	lw
val:	72.6	1.66	3.63	2.82	14.3
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	97.09	40.93	44.93
PROB:	0	0.88	0.12
RMSE:	16.89	0.77	0.77

MAX_MEAN: 64

MAX_MED: 64

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl salicylate

CHID: 25659 **CASRN:** 119-36-8

SPID(S): Tox21_201543

M4ID: 11454269

HILL MODEL: Not applicable.

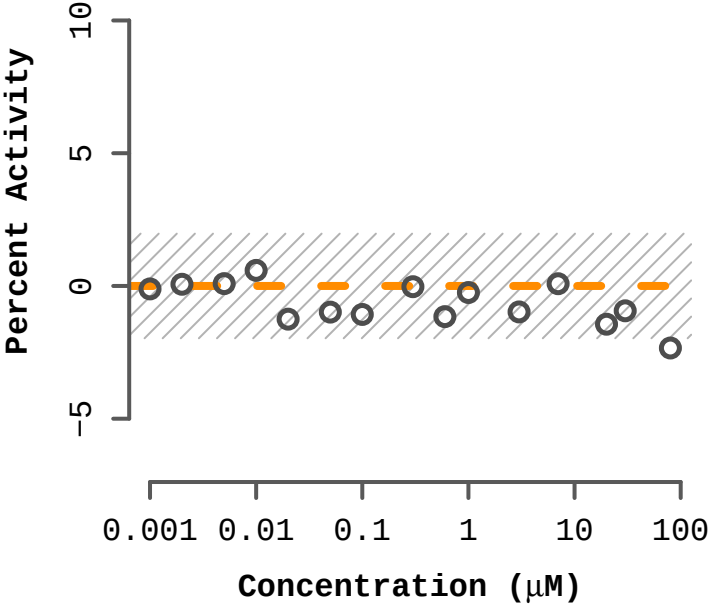
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.32	NA	NA
PROB:	1	NA	NA
RMSE:	0.69	NA	NA

MAX_MEAN: 1.96

MAX_MED: 1.96

BMAD: 0.657



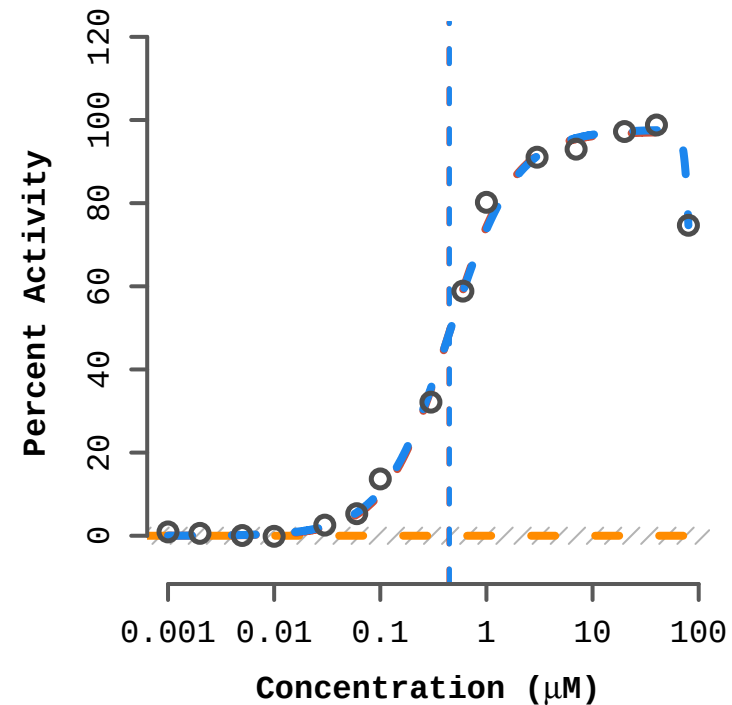
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl styryl ketone
CHID: 25662 CASRN: 122-57-6
SPID(S): Tox21_201502
M4ID: 11454310

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.18	NA	NA
PROB:	1	NA	NA
RMSE:	0.99	NA	NA
MAX_MEAN:	0.588	MAX_MED: 0.588	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl 4-methylbenzoate

CHID: 25668 CASRN: 99-75-2

SPID(S): Tox21_202391

M4ID: 11453421

HILL MODEL (in red):

	tp	ga	gw
val:	97.2	-0.353	1.45
sd:	1.38	0.0244	0.148

GAIN-LOSS MODEL (in blue):

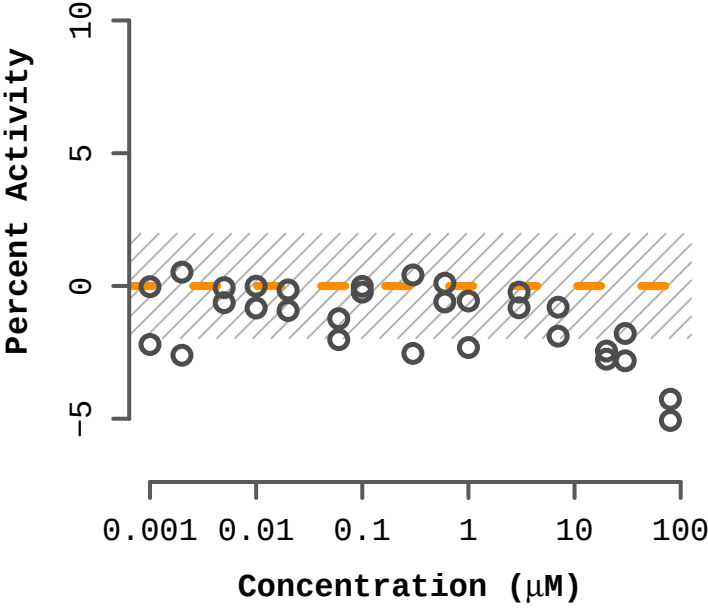
	tp	ga	gw	la	lw
val:	97.7	-0.348	1.39	1.94	15.6
sd:	0.91	0.0186	0.0934	0.0051	1

	CNST	HILL	GNLS
AIC:	168.44	89.82	74.23
PROB:	0	0	1
RMSE:	59.38	6.17	2.21

MAX_MEAN: 98.8

MAX_MED: 98.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: MEHP

CHID: 25680 CASRN: 4376-20-9

SPID(S): Tox21_400076

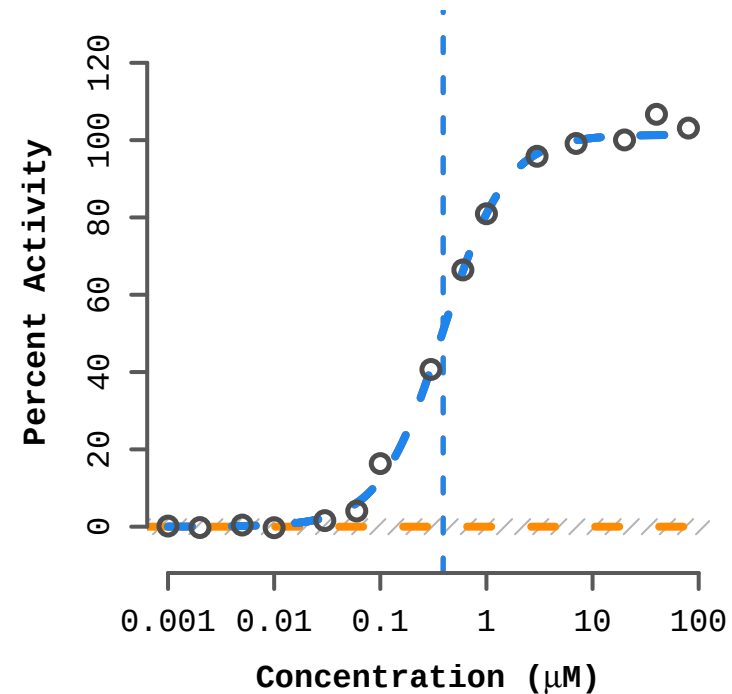
M4ID: 11453272

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	124.47	NA	NA
PROB:	1	NA	NA
RMSE:	1.88	NA	NA

MAX_MEAN: -0.121 MAX_MED: -0.121 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Morpholine

CHID: 25688 CASRN: 110-91-8

SPID(S): Tox21_202450

M4ID: 11453362

HILL MODEL (in red):

	tp	ga	gw
val:	101	-0.408	1.46
sd:	0.945	0.0108	0.0693

GAIN-LOSS MODEL (in blue):

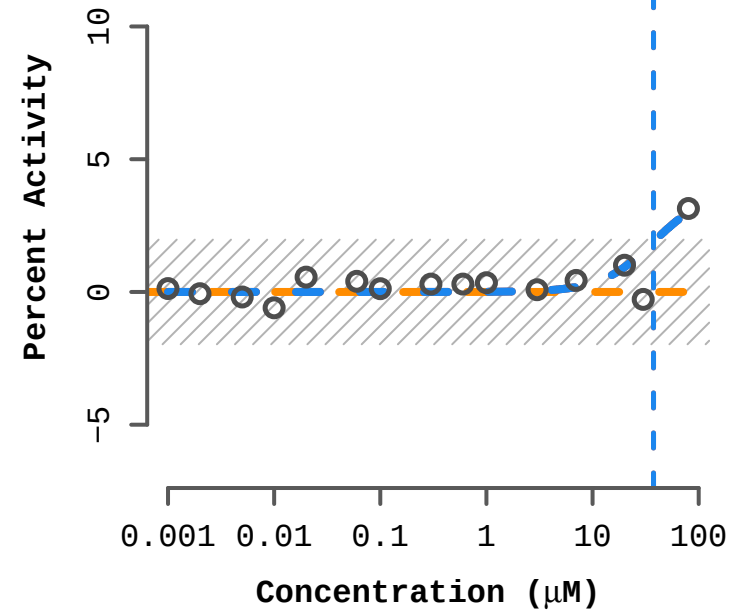
	tp	ga	gw	la	lw
val:	101	-0.408	1.46	3.34	18
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	171.4	66.8	70.8
PROB:	0	0.88	0.12
RMSE:	65.3	1.96	1.96

MAX_MEAN: 107

MAX_MED: 107

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Nitroaniline

CHID: 25726 CASRN: 88-74-4

SPID(S): Tox21_202371

M4ID: 11453441

HILL MODEL (in red):

	tp	ga	gw
val:	3.77	1.57	1.77
sd:	1.05	0.189	0.792

GAIN-LOSS MODEL (in blue):

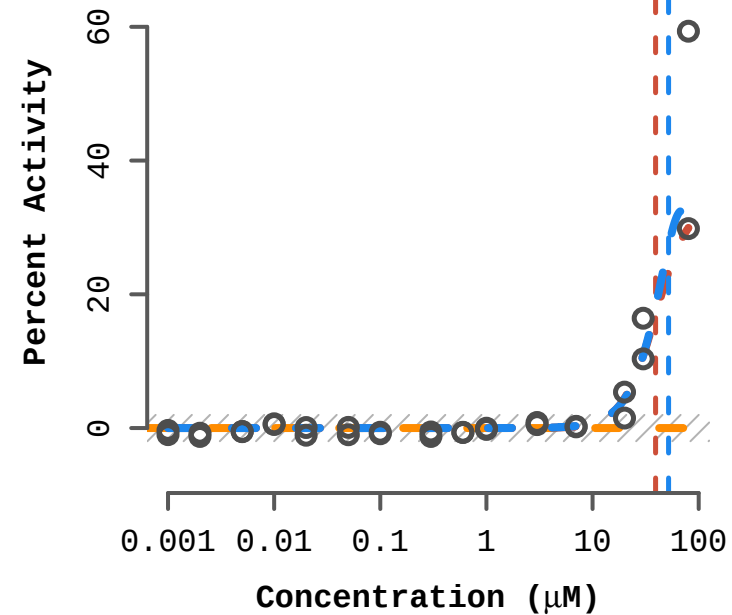
	tp	ga	gw	la	lw
val:	3.77	1.57	1.77	3.03	7.71
sd:	1.05	0.189	0.792	1690	11600

	CNST	HILL	GNLS
AIC:	32.54	26.95	30.95
PROB:	0.05	0.84	0.11
RMSE:	0.91	0.55	0.55

MAX_MEAN: 3.15

MAX_MED: 3.15

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 9-Nitroanthracene

CHID: 25730 CASRN: 602-60-8

SPID(S): Tox21_400025

M4ID: 11453323

HILL MODEL (in red):

	tp	ga	gw
val:	34	1.59	2.81
sd:	4.19	0.0693	0.812

GAIN-LOSS MODEL (in blue):

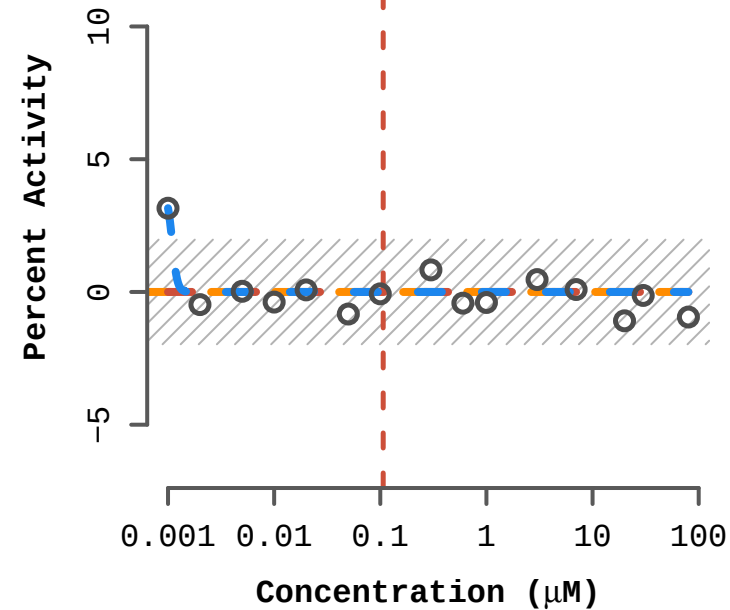
	tp	ga	gw	la	lw
val:	56.2	1.72	2.59	1.97	6.07
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	182.44	123.86	127.84
PROB:	0	0.88	0.12
RMSE:	12.69	5.53	5.53

MAX_MEAN: 44.6

MAX_MED: 44.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Nitrobenzoic acid

CHID: 25737 CASRN: 121-92-6

SPID(S): Tox21_201238

M4ID: 11454574

HILL MODEL (in red):

	tp	ga	gw
val:	3.46e-11	-0.972	0.4
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

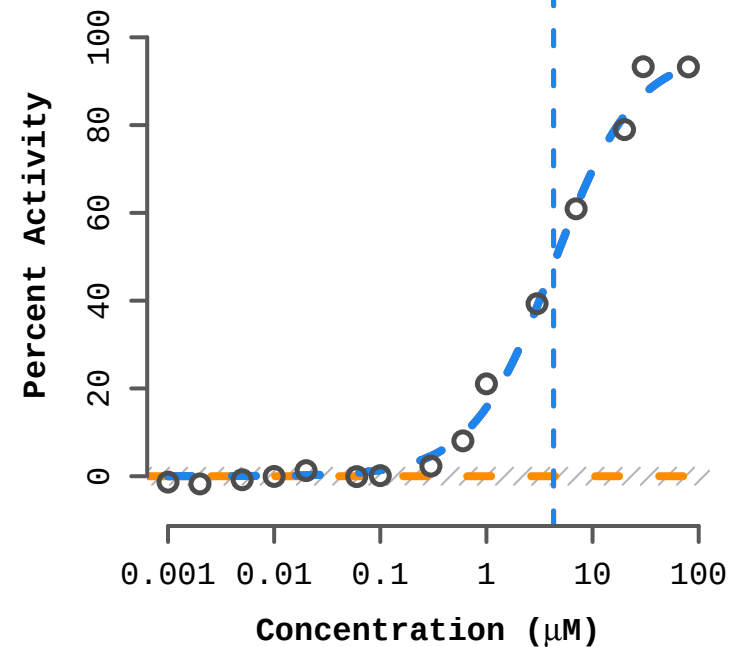
	tp	ga	gw	la	lw
val:	3.79	-4.29	4.64	-2.96	17.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	38.89	44.89	37.17
PROB:	0.29	0.01	0.69
RMSE:	0.98	0.98	0.54

MAX_MEAN: 3.16

MAX_MED: 3.16

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Nitrotoluene

CHID: 25791 CASRN: 88-72-2

SPID(S): Tox21_202393

M4ID: 11453419

HILL MODEL (in red):

	tp	ga	gw
val:	96.6	0.633	1.13
sd:	2.2	0.0286	0.0831

GAIN-LOSS MODEL (in blue):

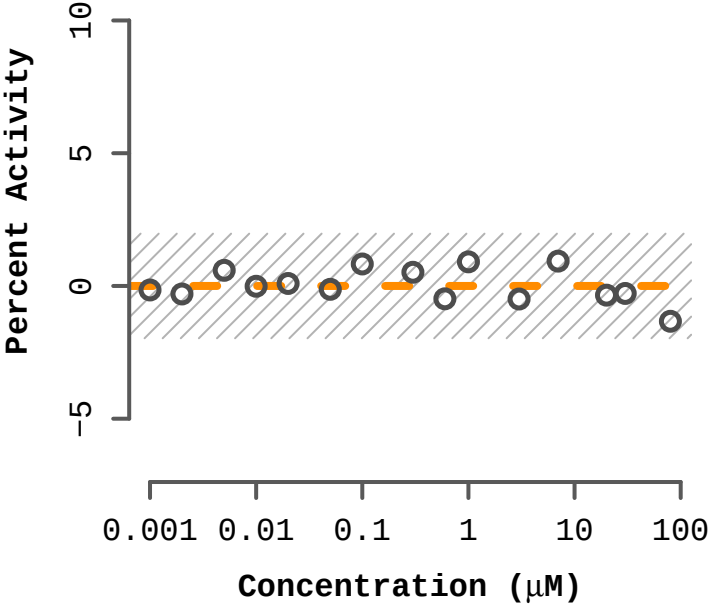
	tp	ga	gw	la	lw
val:	96.6	0.633	1.13	2.52	11.8
sd:	2.2	0.0286	0.0831	288	5480

	CNST	HILL	GNLS
AIC:	156.79	76.73	80.73
PROB:	0	0.88	0.12
RMSE:	44.29	2.54	2.54

MAX_MEAN: 93.3

MAX_MED: 93.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Nitro-2-(trifluoromethyl)benzene

CHID: 25793 **CASRN:** 384-22-5

SPID(S): Tox21_201264

M4ID: 11454548

HILL MODEL: Not applicable.

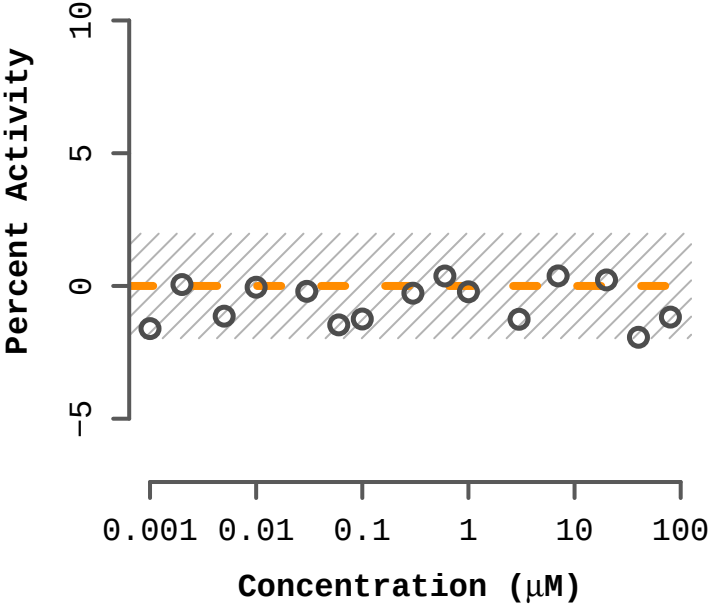
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.89	NA	NA
PROB:	1	NA	NA
RMSE:	0.61	NA	NA

MAX_MEAN: 0.937

MAX_MED: 0.937

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

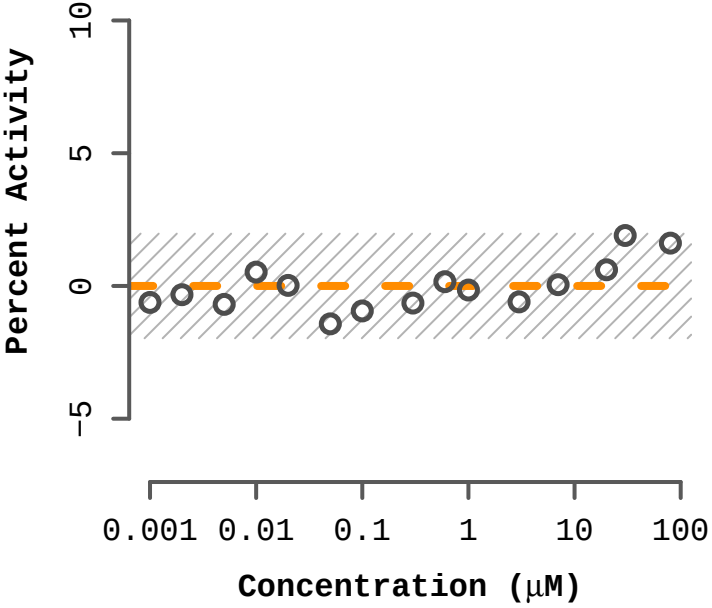
NAME: Nonane
CHID: 25796 **CASRN:** 111-84-2
SPID(S): Tox21_201479
M4ID: 11454333

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.99	NA	NA

MAX_MEAN:	0.38	MAX_MED:	0.38	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Octhilinine

CHID: 25805 **CASRN:** 26530-20-1

SPID(S): Tox21_201459

M4ID: 11454353

HILL MODEL: Not applicable.

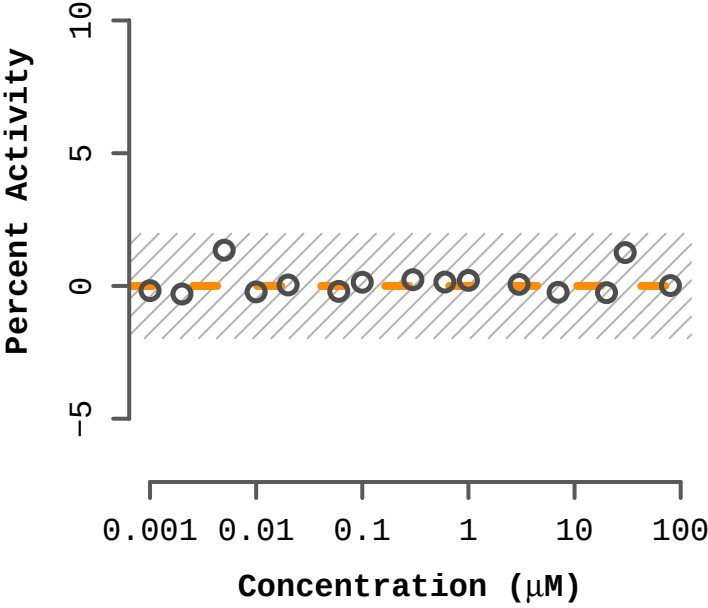
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.3	NA	NA
PROB:	1	NA	NA
RMSE:	0.88	NA	NA

MAX_MEAN: 1.9

MAX_MED: 1.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Oleic acid

CHID: 25809 **CASRN:** 112-80-1

SPID(S): Tox21_201967

M4ID: 11453845

HILL MODEL: Not applicable.

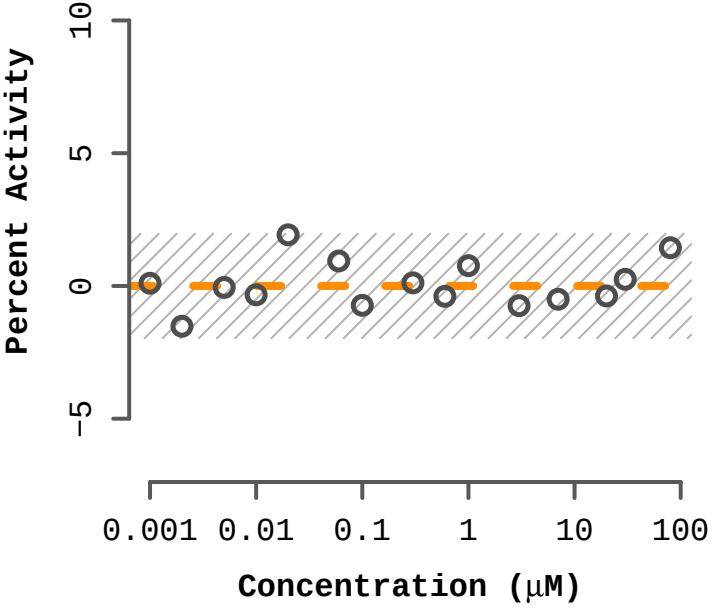
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.87	NA	NA
PROB:	1	NA	NA
RMSE:	0.51	NA	NA

MAX_MEAN: 1.35

MAX_MED: 1.35

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Olivetol

CHID: 25812 CASRN: 500-66-3

SPID(S): Tox21_202349

M4ID: 11453463

HILL MODEL: Not applicable.

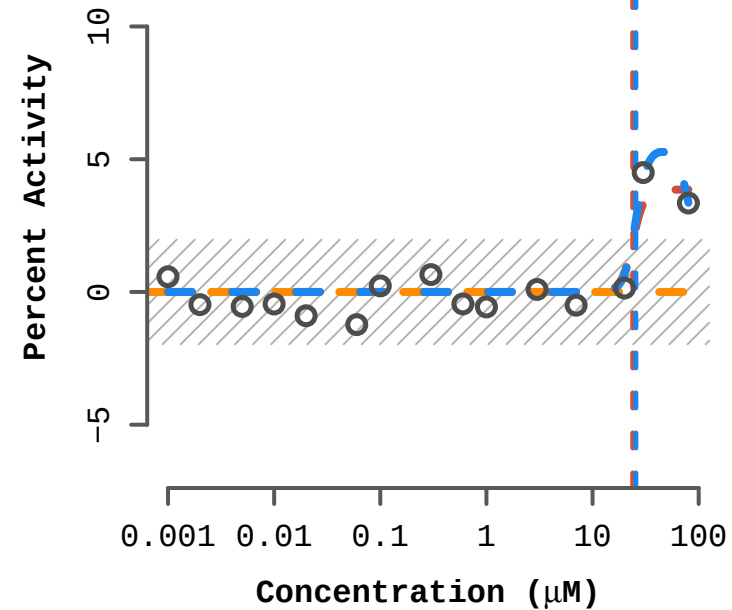
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.96	NA	NA
PROB:	1	NA	NA
RMSE:	0.87	NA	NA

MAX_MEAN: 1.93

MAX_MED: 1.93

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Oxalic acid

CHID: 25816 CASRN: 144-62-7

SPID(S): Tox21_202122

M4ID: 11453690

HILL MODEL (in red):

	tp	ga	gw
val:	3.85	1.38	8
sd:	0.728	0.04	4.21

GAIN-LOSS MODEL (in blue):

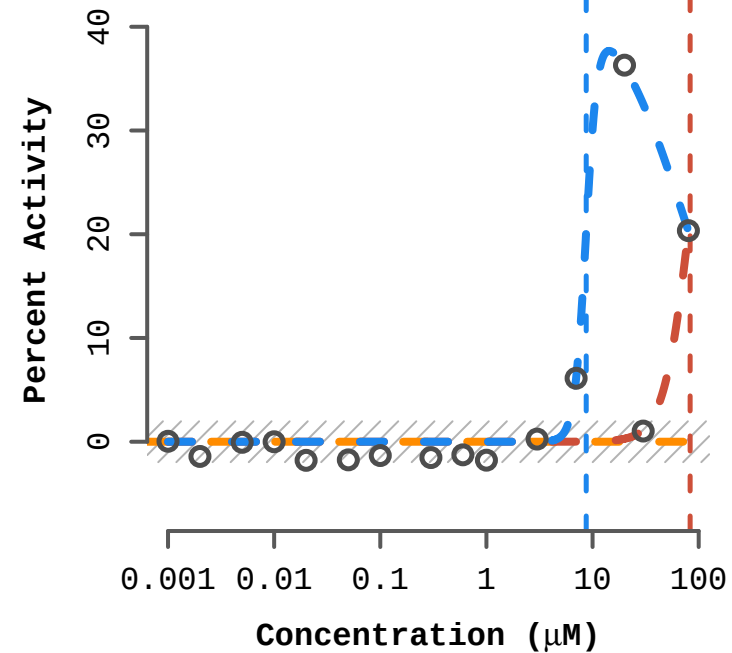
	tp	ga	gw	la	lw
val:	5.4	1.41	8	1.94	6.75
sd:	1.21	0.0394	2.75	0.0501	10.5

	CNST	HILL	GNLS
AIC:	52.05	40.52	39.86
PROB:	0	0.42	0.58
RMSE:	1.55	0.67	0.58

MAX_MEAN: 4.5

MAX_MED: 4.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pentaerythritol triacrylate

CHID: 25842 CASRN: 3524-68-3

SPID(S): Tox21_202024

M4ID: 11453788

HILL MODEL (in red):

	tp	ga	gw
val:	43.6	1.92	3.53
sd:	7.75	0.0422	1.39

GAIN-LOSS MODEL (in blue):

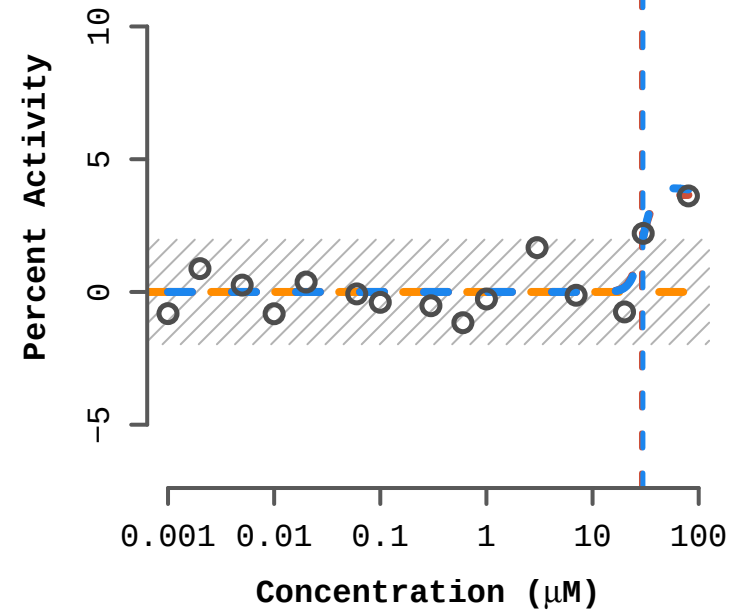
	tp	ga	gw	la	lw
val:	43.6	0.94	7.99	1.86	1.24
sd:	7.17	0.0319	2.66	0.128	0.498

	CNST	HILL	GNLS
AIC:	101.11	90.91	85.01
PROB:	0	0.05	0.95
RMSE:	10.92	9.49	8.21

MAX_MEAN: 36.3

MAX_MED: 36.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,10-Phenanthroline

CHID: 25857 CASRN: 66-71-7

SPID(S): Tox21_201998

M4ID: 11453814

HILL MODEL (in red):

	tp	ga	gw
val:	3.65	1.46	8
sd:	0.523	0.0347	4.63

GAIN-LOSS MODEL (in blue):

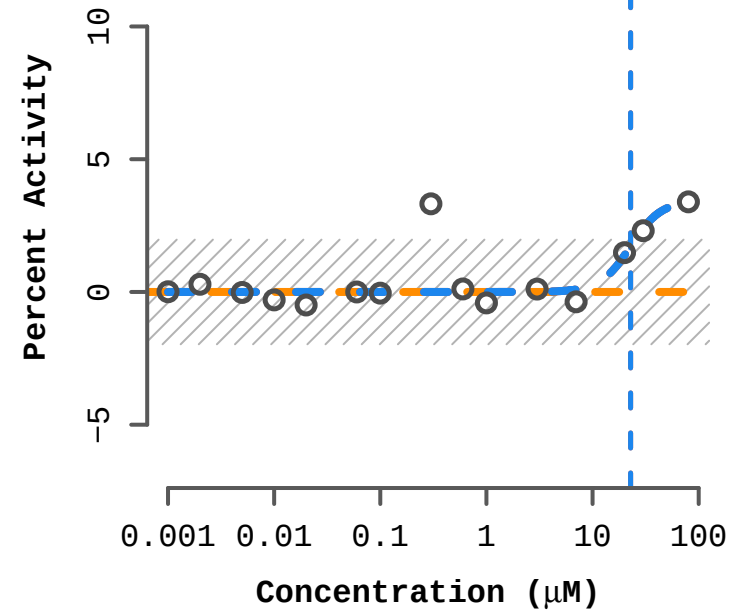
	tp	ga	gw	la	lw
val:	4.34	1.47	8	3.9	0.453
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	50.6	41.5	45.83
PROB:	0.01	0.89	0.1
RMSE:	1.3	0.72	0.72

MAX_MEAN: 3.62

MAX_MED: 3.62

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenethyl anthranilate

CHID: 25861 CASRN: 133-18-6

SPID(S): Tox21_202175

M4ID: 11453637

HILL MODEL (in red):

	tp	ga	gw
val:	3.44	1.36	3.04
sd:	0.286	0.0427	0.946

GAIN-LOSS MODEL (in blue):

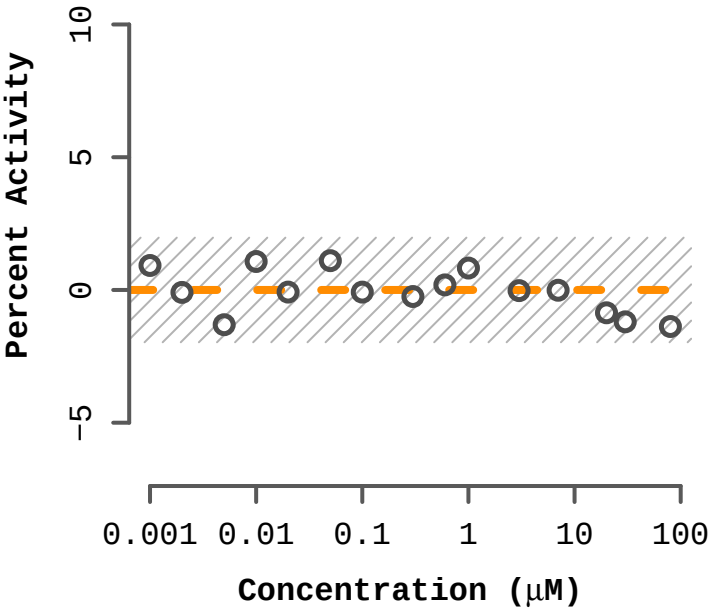
	tp	ga	gw	la	lw
val:	3.44	1.36	3.04	3.82	7.5
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	51.74	27.78	31.78
PROB:	0	0.88	0.12
RMSE:	1.43	0.89	0.89

MAX_MEAN: 3.4

MAX_MED: 3.4

BMAD: 0.657



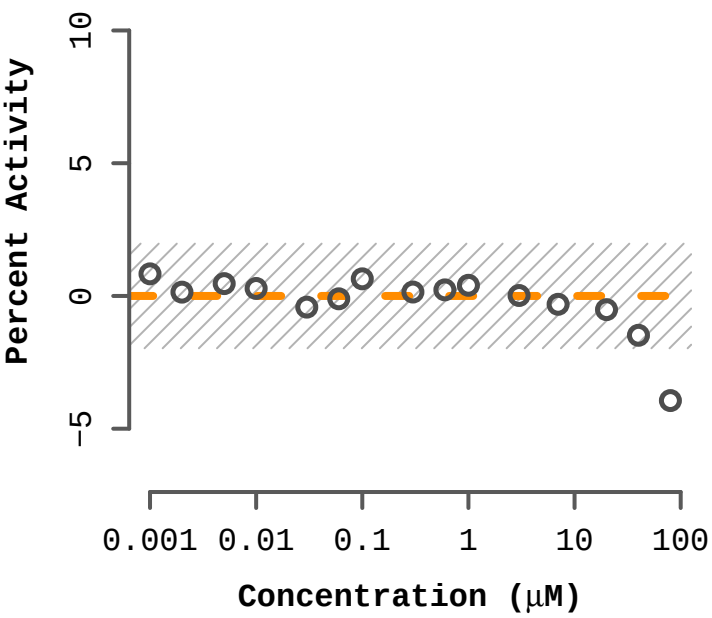
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Ethoxyaniline
CHID: 25864 CASRN: 156-43-4
SPID(S): Tox21_201946
M4ID: 11453866

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.91	NA	NA
PROB:	1	NA	NA
RMSE:	0.81	NA	NA
MAX_MEAN:	1.1	MAX_MED: 1.1	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phenoxyacetic acid

CHID: 25873 CASRN: 122-59-8

SPID(S): Tox21_201854

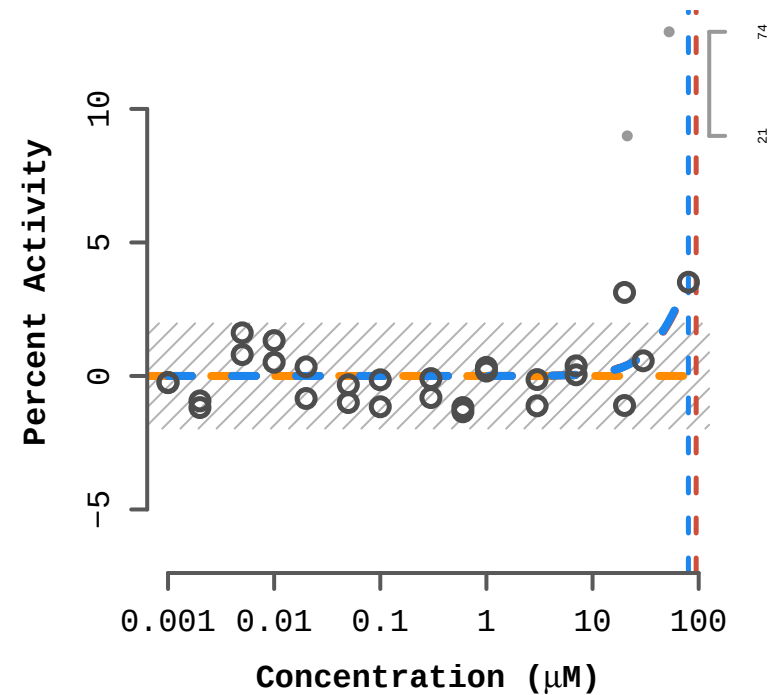
M4ID: 11453958

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.81	NA	NA
PROB:	1	NA	NA
RMSE:	1.15	NA	NA

MAX_MEAN:	0.834	MAX_MED:	0.834	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Phenylenediamine

CHID: 25881 CASRN: 95-54-5

SPID(S): Tox21_400014

M4ID: 11453334 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	8.56	1.98	2
sd:	71.6	3.28	4.99

GAIN-LOSS MODEL (in blue):

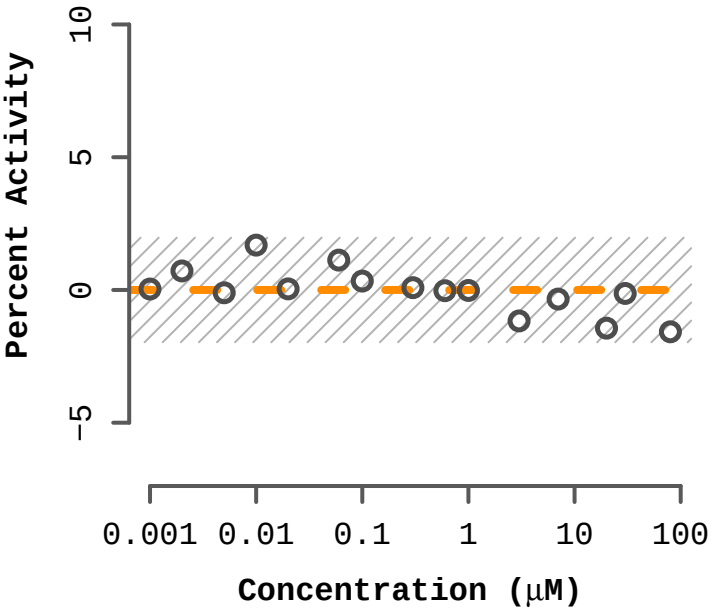
	tp	ga	gw	la	lw
val:	7.13	1.9	2.13	3.76	17.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	152.41	150.71	154.71
PROB:	0.27	0.64	0.09
RMSE:	14.13	13.45	13.45

MAX_MEAN: 38.9

MAX_MED: 38.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethyl 3-phenylglycidate

CHID: 25886 CASRN: 121-39-1

SPID(S): Tox21_202247

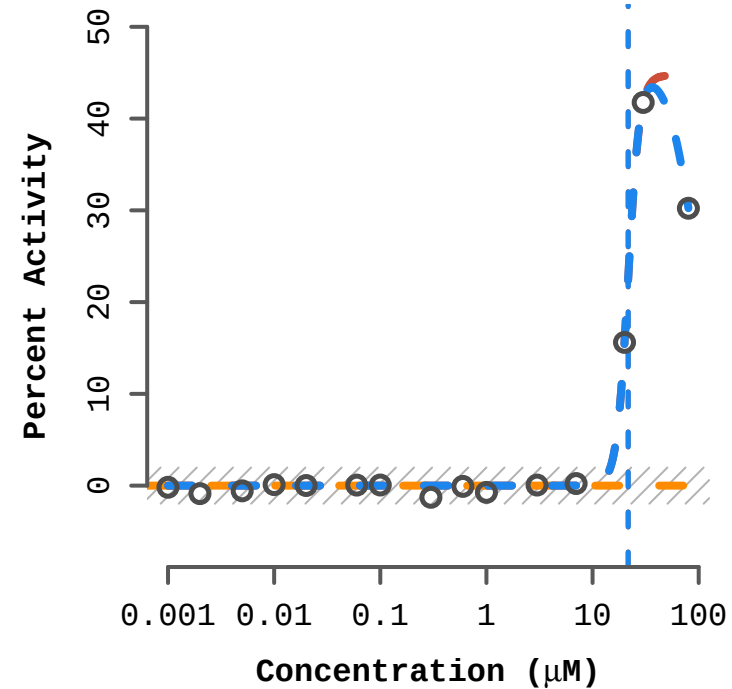
M4ID: 11453565

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.81	NA	NA
PROB:	1	NA	NA
RMSE:	0.85	NA	NA

MAX_MEAN:	1.69	MAX_MED:	1.69	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Phenyl-1-naphthylamine

CHID: 25892 CASRN: 90-30-2

SPID(S): Tox21_202073

M4ID: 11453739

HILL MODEL (in red):

	tp	ga	gw
val:	44.7	1.33	8
sd:	0.491	0.00417	0.351

GAIN-LOSS MODEL (in blue):

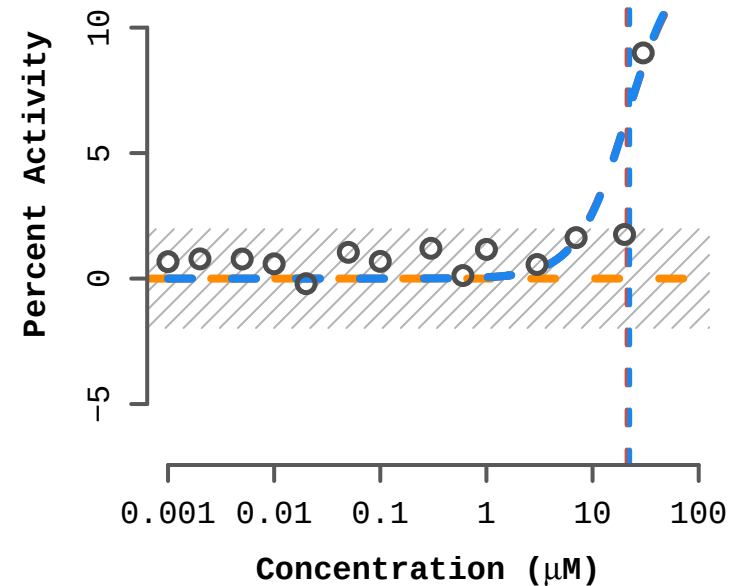
	tp	ga	gw	la	lw
val:	45.9	1.34	7.97	1.99	3.26
sd:	0.333	0.00342	0.21	0.00628	0.154

	CNST	HILL	GNLS
AIC:	110.87	54.94	28.63
PROB:	0	0	1
RMSE:	13.92	3.77	0.47

MAX_MEAN: 41.8

MAX_MED: 41.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Phenyl-1,4-benzenediamine

CHID: 25895 CASRN: 101-54-2

SPID(S): Tox21_202144

M4ID: 11453668

HILL MODEL (in red):

	tp	ga	gw
val:	13	1.33	1.81
sd:	1.44	0.101	0.514

GAIN-LOSS MODEL (in blue):

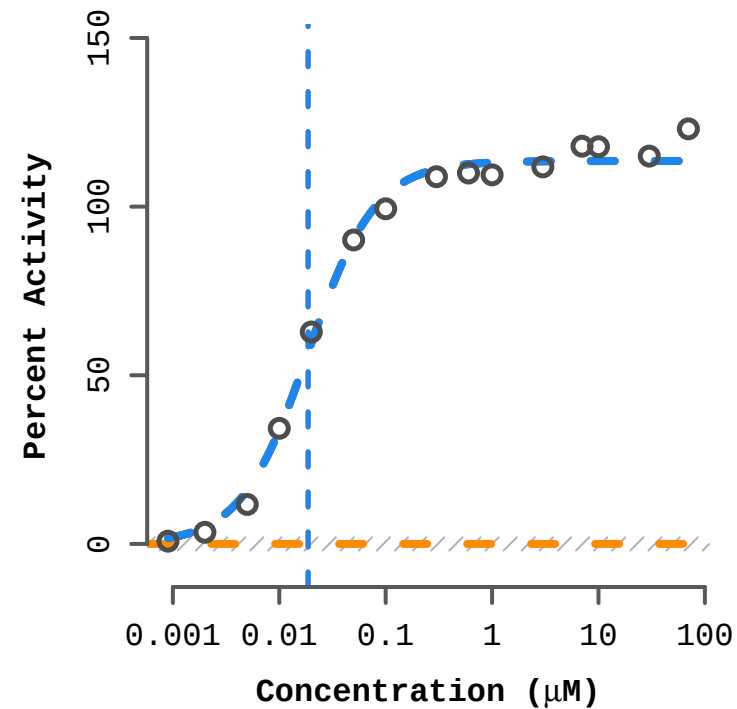
	tp	ga	gw	la	lw
val:	14.1	1.35	1.8	3.77	0.581
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	75.44	52.57	56.46
PROB:	0	0.87	0.13
RMSE:	3.93	1.32	1.31

MAX_MEAN: 11.8

MAX_MED: 11.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pinane

CHID: 25922 CASRN: 473-55-2

SPID(S): Tox21_202039

M4ID: 11453773

HILL MODEL (in red):

	tp	ga	gw
val:	114	-1.73	1.37
sd:	1.6	0.0279	0.108

GAIN-LOSS MODEL (in blue):

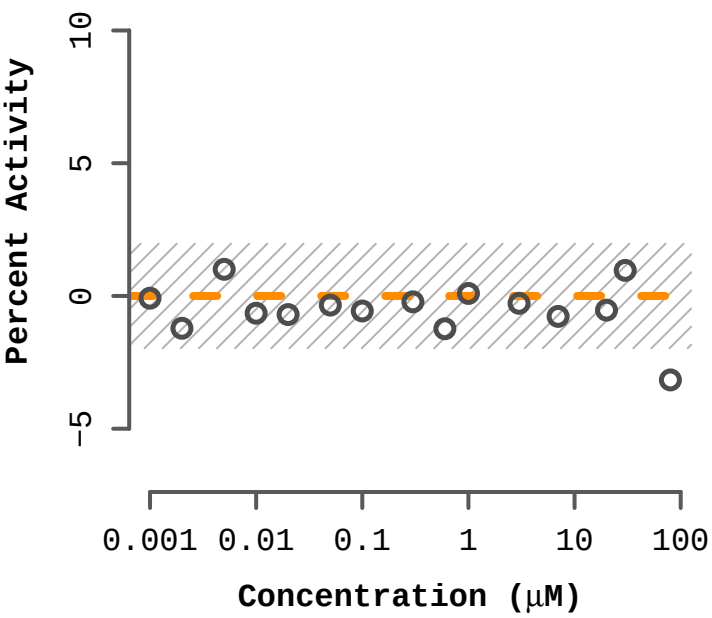
	tp	ga	gw	la	lw
val:	114	-1.73	1.37	3.84	7.67
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	183.17	90.23	94.23
PROB:	0	0.88	0.12
RMSE:	92.31	3.71	3.71

MAX_MEAN: 123

MAX_MED: 123

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

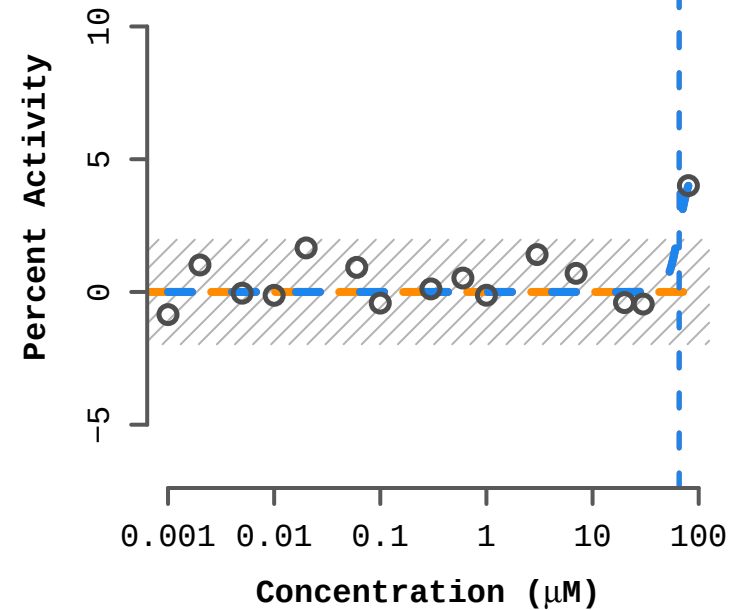
NAME: Piperonyl acetate
CHID: 25925 CASRN: 326-61-4
SPID(S): Tox21_201683
M4ID: 11454129

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.77	NA	NA
PROB:	1	NA	NA
RMSE:	1.07	NA	NA

MAX_MEAN: 1	MAX_MED: 1	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Piperonal acetone

CHID: 25926 CASRN: 3160-37-0

SPID(S): Tox21_202464

M4ID: 11453348

HILL MODEL (in red):

	tp	ga	gw
val:	4.81	1.82	8
sd:	7.08	0.409	11.4

GAIN-LOSS MODEL (in blue):

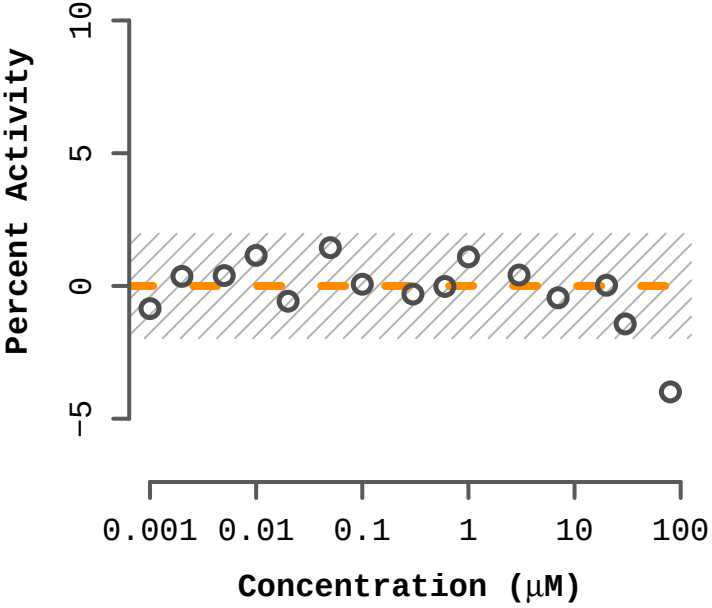
	tp	ga	gw	la	lw
val:	4.81	1.82	8	3.34	16.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	48.07	43.15	47.15
PROB:	0.07	0.82	0.11
RMSE:	1.29	0.76	0.76

MAX_MEAN: 4.01

MAX_MED: 4.01

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pindone

CHID: 25930 CASRN: 83-26-1

SPID(S): Tox21_201353

M4ID: 11454459

HILL MODEL: Not applicable.

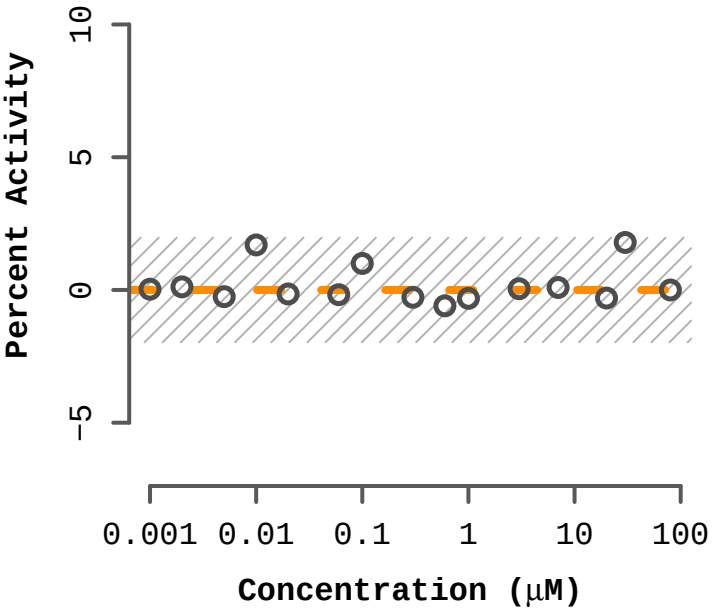
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.81	NA	NA
PROB:	1	NA	NA
RMSE:	1.27	NA	NA

MAX_MEAN: 1.44

MAX_MED: 1.44

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

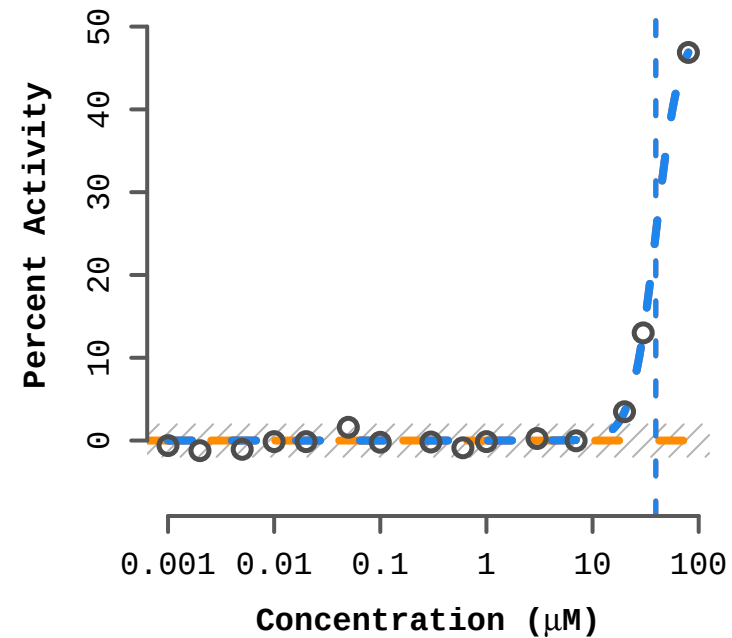
NAME: Potassium dichromate
CHID: 25948 CASRN: 7778-50-9
SPID(S): Tox21_202307
M4ID: 11453505

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.3	NA	NA
PROB:	1	NA	NA
RMSE:	0.72	NA	NA

MAX_MEAN: 1.79 MAX_MED: 1.79 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pyrogallol

CHID: 25983 CASRN: 87-66-1

SPID(S): Tox21_202373

M4ID: 11453439

HILL MODEL (in red):

	tp	ga	gw
val:	50	1.6	3.82
sd:	0.511	0.00669	0.108

GAIN-LOSS MODEL (in blue):

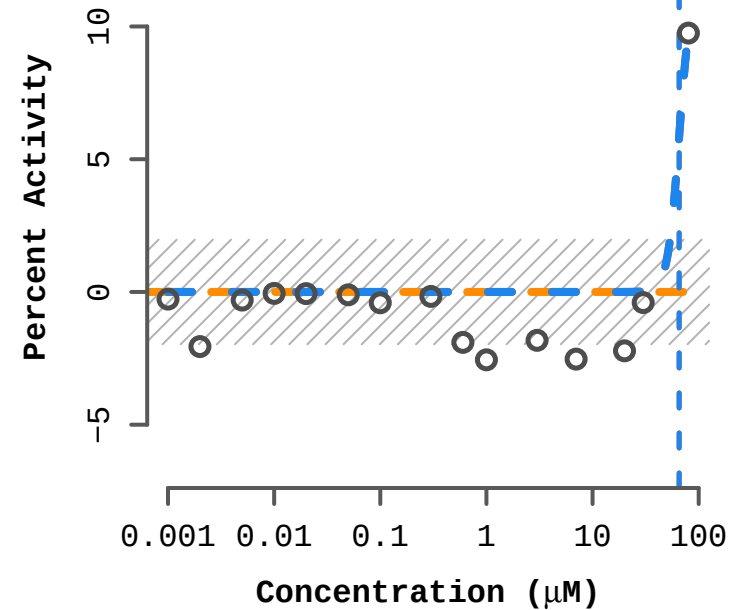
	tp	ga	gw	la	lw
val:	50	1.6	3.82	2.78	5.02
sd:	0.874	0.00671	0.137	115	643

	CNST	HILL	GNLS
AIC:	93.56	36.46	40.46
PROB:	0	0.88	0.12
RMSE:	12.61	0.66	0.66

MAX_MEAN: 46.9

MAX_MED: 46.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nitrosophenol

CHID: 25991 CASRN: 104-91-6

SPID(S): Tox21_201754

M4ID: 11454058

HILL MODEL (in red):

	tp	ga	gw
val:	11.7	1.82	8
sd:	11.6	0.252	11.8

GAIN-LOSS MODEL (in blue):

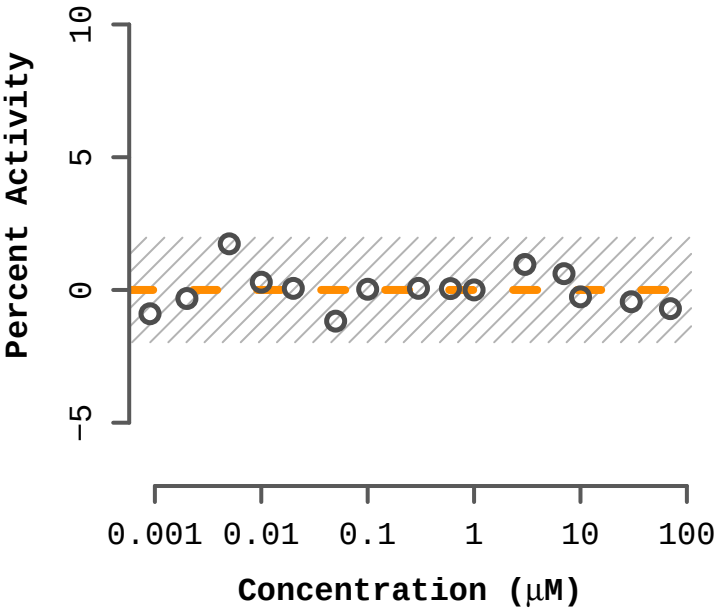
	tp	ga	gw	la	lw
val:	11.7	1.82	8	3	6.01
sd:	11.6	0.253	11.8	1630	8940

	CNST	HILL	GNLS
AIC:	68.88	61.35	65.35
PROB:	0.02	0.86	0.12
RMSE:	2.88	1.4	1.4

MAX_MEAN: 9.75

MAX_MED: 9.75

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium chlorate

CHID: 26025 CASRN: 7775-09-9

SPID(S): Tox21_202133

M4ID: 11453679

HILL MODEL: Not applicable.

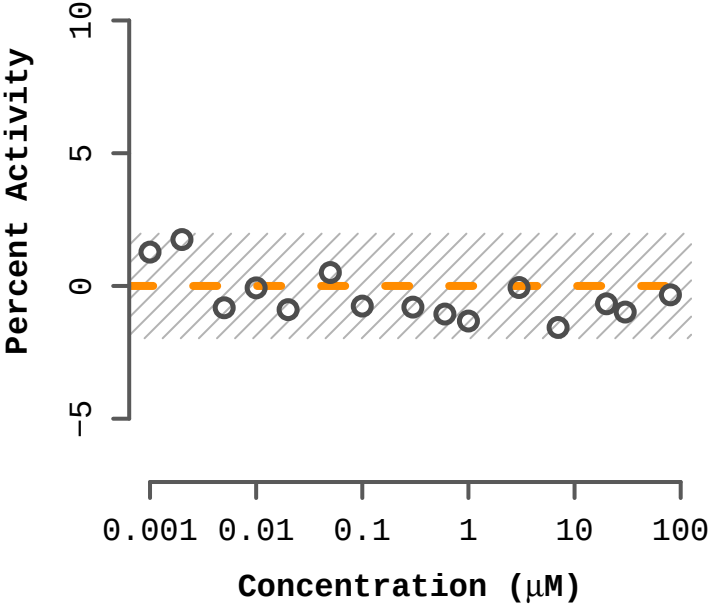
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.82	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN: 1.74

MAX_MED: 1.74

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

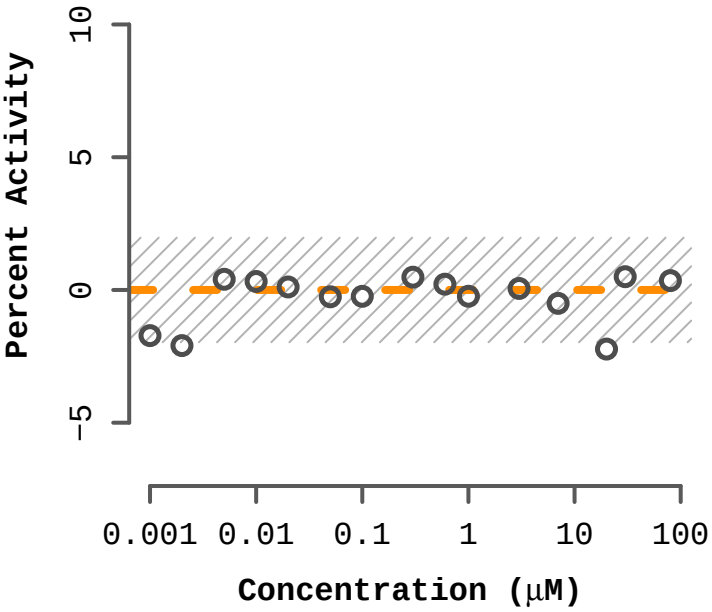
NAME: Sodium dodecyl sulfate
CHID: 26031 **CASRN:** 151-21-3
SPID(S): Tox21_201614
M4ID: 11454198

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.33	NA	NA
PROB:	1	NA	NA
RMSE:	0.98	NA	NA

MAX_MEAN:	1.75	MAX_MED:	1.75	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

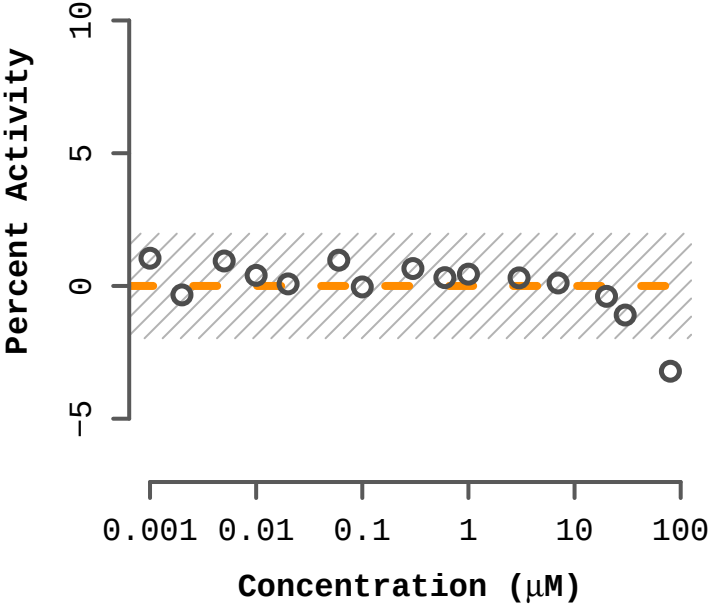
NAME: Sulfacetamide
CHID: 26060 CASRN: 144-80-9
SPID(S): Tox21_201999
M4ID: 11453813

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.59	NA	NA
PROB:	1	NA	NA
RMSE:	0.95	NA	NA

MAX_MEAN: 0.501 MAX_MED: 0.501 BMAD: 0.657



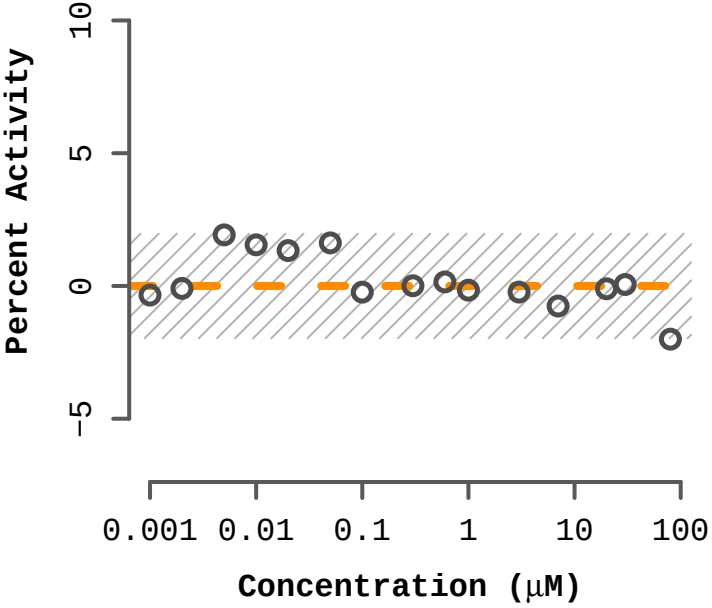
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sulfathiazole
CHID: 26068 **CASRN:** 72-14-0
SPID(S): Tox21_202243
M4ID: 11453569

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.32	NA	NA
PROB:	1	NA	NA
RMSE:	1.02	NA	NA
MAX_MEAN:	1.04	MAX_MED:	1.04
			BMAD:
			0.657



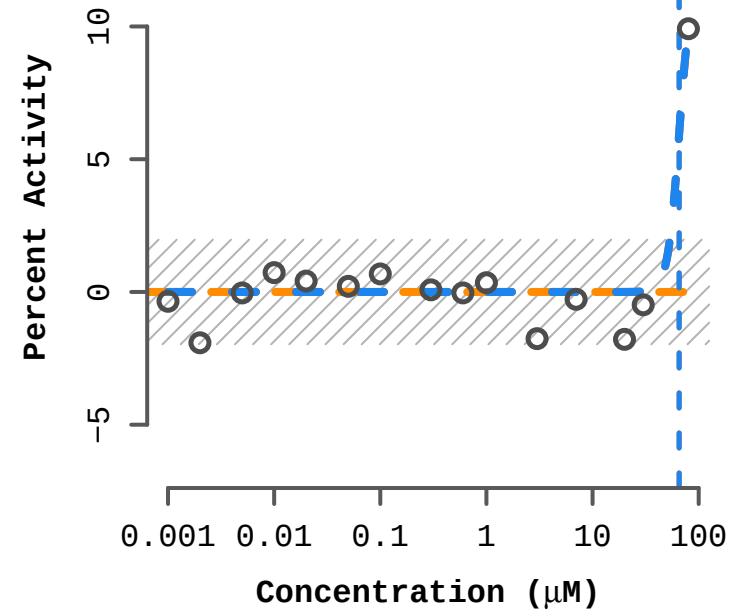
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Terephthalic acid
CHID: 26080 CASRN: 100-21-0
SPID(S): Tox21_201659
M4ID: 11454153

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.96	NA	NA
PROB:	1	NA	NA
RMSE:	1.01	NA	NA
MAX_MEAN:	1.93	MAX_MED: 1.93	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3',5,5'-Tetrabromobisphenol A

CHID: 26081 CASRN: 79-94-7

SPID(S): Tox21_201981

M4ID: 11453831

HILL MODEL (in red):

	tp	ga	gw
val:	11.9	1.82	8
sd:	3.99	0.0549	6.92

GAIN-LOSS MODEL (in blue):

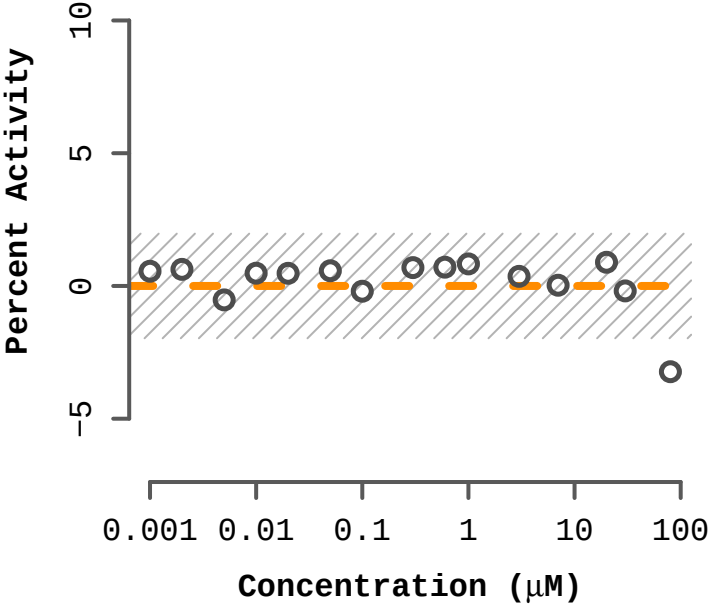
	tp	ga	gw	la	lw
val:	11.9	1.82	7.99	2.83	3.83
sd:	4.03	0.0553	6.89	30.7	128

	CNST	HILL	GNLS
AIC:	58.63	45.57	49.57
PROB:	0	0.88	0.12
RMSE:	2.71	0.88	0.88

MAX_MEAN: 9.92

MAX_MED: 9.92

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,3,4-Tetrachlorobenzene

CHID: 26088 CASRN: 634-66-2

SPID(S): Tox21_201497

M4ID: 11454315

HILL MODEL: Not applicable.

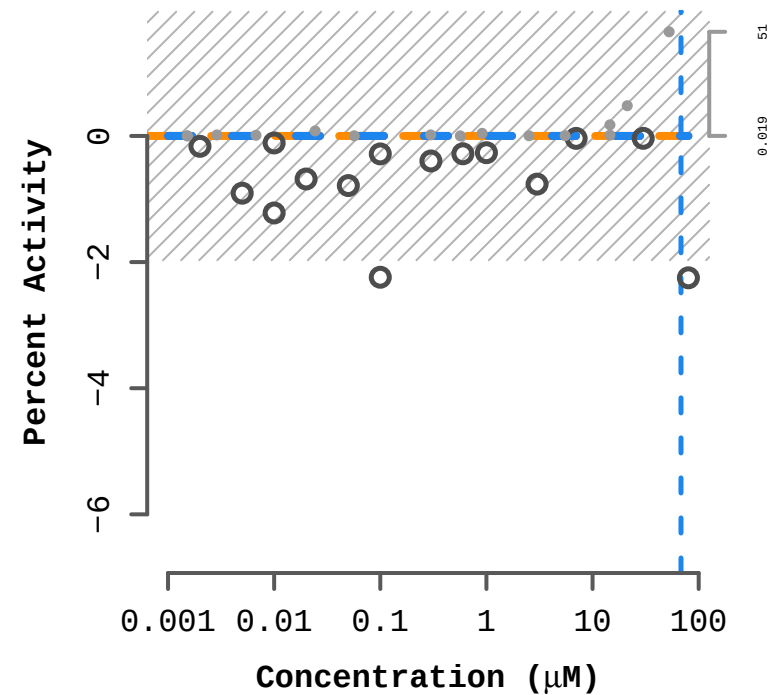
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.93	NA	NA
PROB:	1	NA	NA
RMSE:	1	NA	NA

MAX_MEAN: 0.894

MAX_MED: 0.894

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3,5,6-Tetrachloronitrobenzene

CHID: 26098 CASRN: 117-18-0

SPID(S): Tox21_400013

M4ID: 11453335 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	0.00114	2.4	7.99
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

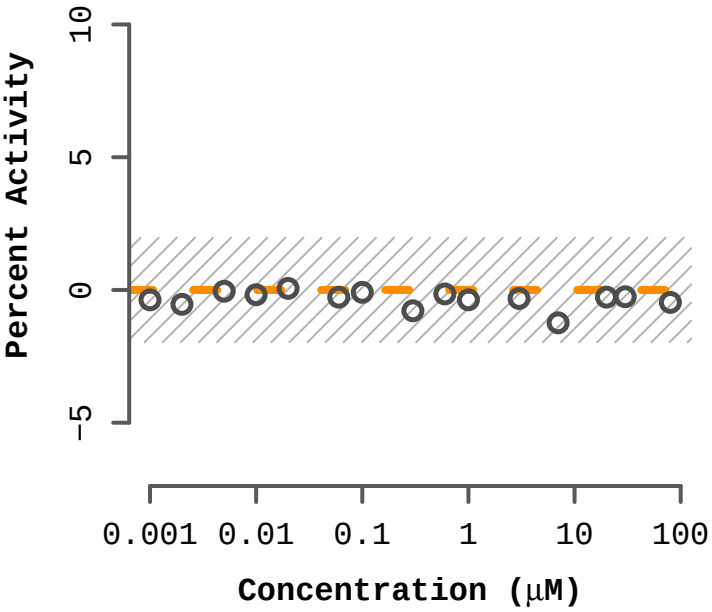
	tp	ga	gw	la	lw
val:	6.75e-10	1.83	6.05	3.73	18
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	144.25	150.25	154.25
PROB:	0.95	0.05	0.01
RMSE:	9.77	9.77	9.77

MAX_MEAN: 24.3

MAX_MED: 24.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tetrachlorophthalic anhydride

CHID: 26102 CASRN: 117-08-8

SPID(S): Tox21_201740

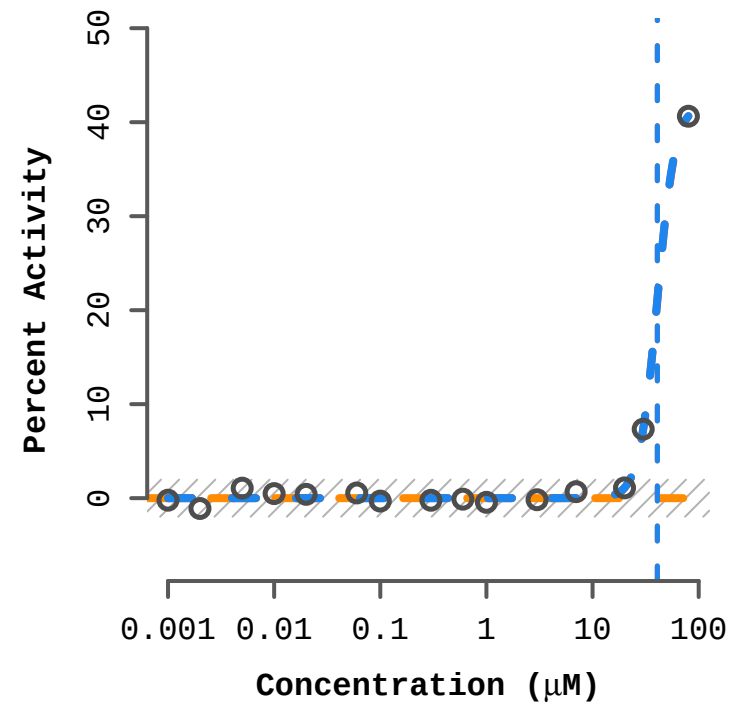
M4ID: 11454072

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	21.34	NA	NA
PROB:	1	NA	NA
RMSE:	0.47	NA	NA

MAX_MEAN: 0.0612 MAX_MED: 0.0612 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tetralin

CHID: 26118 CASRN: 119-64-2

SPID(S): Tox21_201793

M4ID: 11454019

HILL MODEL (in red):

	tp	ga	gw
val:	42	1.61	5.08
sd:	0.424	0.0073	0.182

GAIN-LOSS MODEL (in blue):

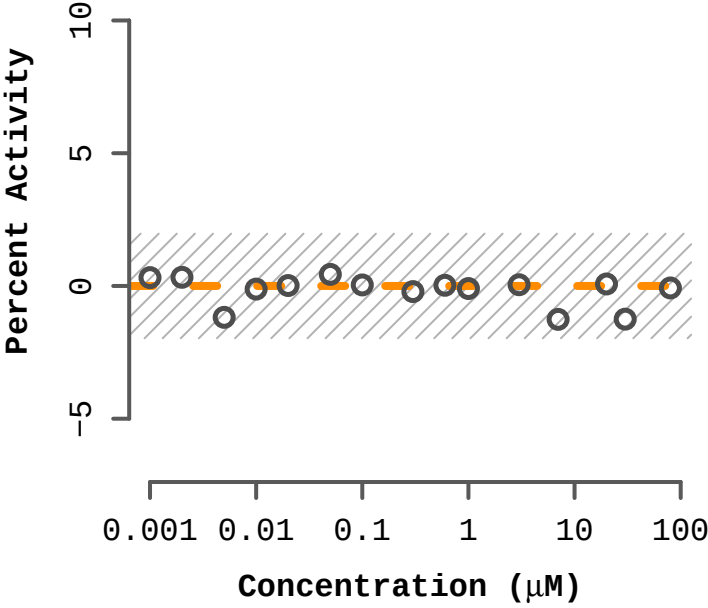
	tp	ga	gw	la	lw
val:	42.5	1.61	5.08	2.83	2.06
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	80.75	30.83	34.83
PROB:	0	0.88	0.12
RMSE:	10.68	0.51	0.51

MAX_MEAN: 40.6

MAX_MED: 40.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3',5,5'-Tetramethylbenzidine

CHID: 26120 **CASRN:** 54827-17-7

SPID(S): Tox21_201500

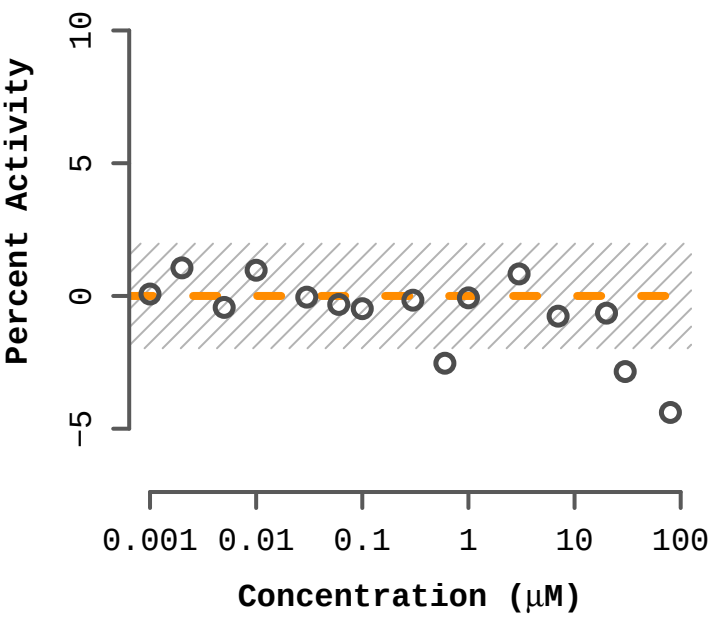
M4ID: 11454312

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.4	NA	NA
PROB:	1	NA	NA
RMSE:	0.58	NA	NA

MAX_MEAN:	0.437	MAX_MED:	0.437	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thioglycolic acid

CHID: 26141 **CASRN:** 68-11-1

SPID(S): Tox21_201717

M4ID: 11454095

HILL MODEL: Not applicable.

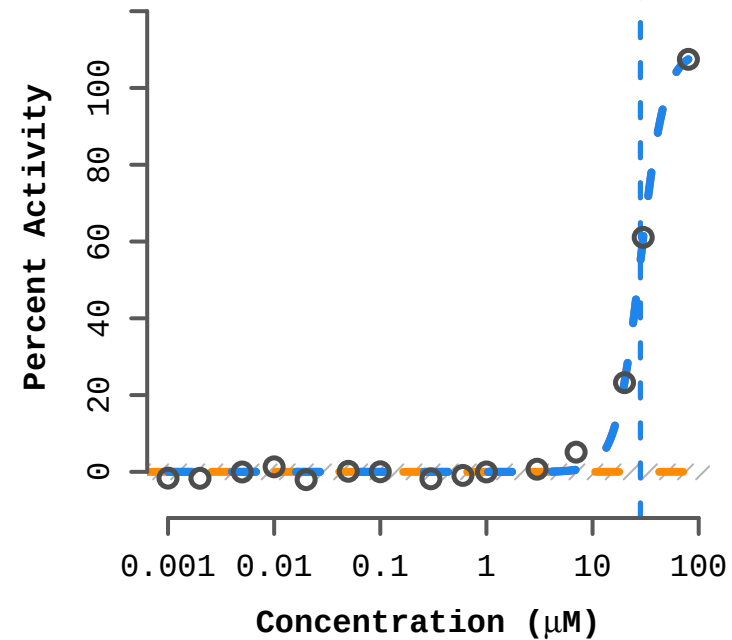
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	55.47	NA	NA
PROB:	1	NA	NA
RMSE:	1.59	NA	NA

MAX_MEAN: 1.06

MAX_MED: 1.06

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Toluene-2,4-diisocyanate

CHID: 26156 CASRN: 584-84-9

SPID(S): Tox21_202058

M4ID: 11453754

HILL MODEL (in red):

	tp	ga	gw
val:	110	1.45	3.79
sd:	0.928	0.00489	0.147

GAIN-LOSS MODEL (in blue):

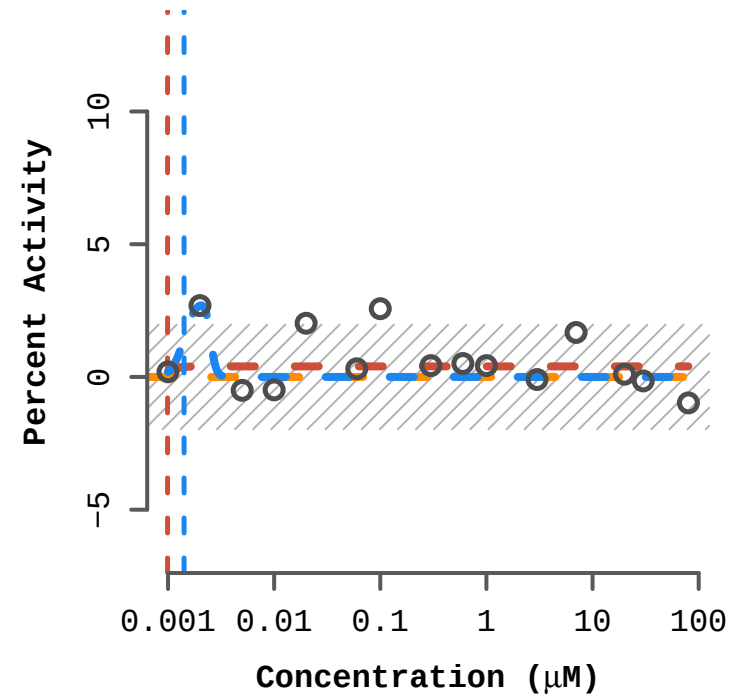
	tp	ga	gw	la	lw
val:	110	1.45	3.79	3.82	15.3
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	132.8	61.55	65.55
PROB:	0	0.88	0.12
RMSE:	32.52	1.57	1.57

MAX_MEAN: 107

MAX_MED: 107

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Toluene-2,6-diisocyanate

CHID: 26157 CASRN: 91-08-7

SPID(S): Tox21_201661

M4ID: 11454151

HILL MODEL (in red):

	tp	ga	gw
val:	0.398	-3	8
sd:	0.296	0.45	34.9

GAIN-LOSS MODEL (in blue):

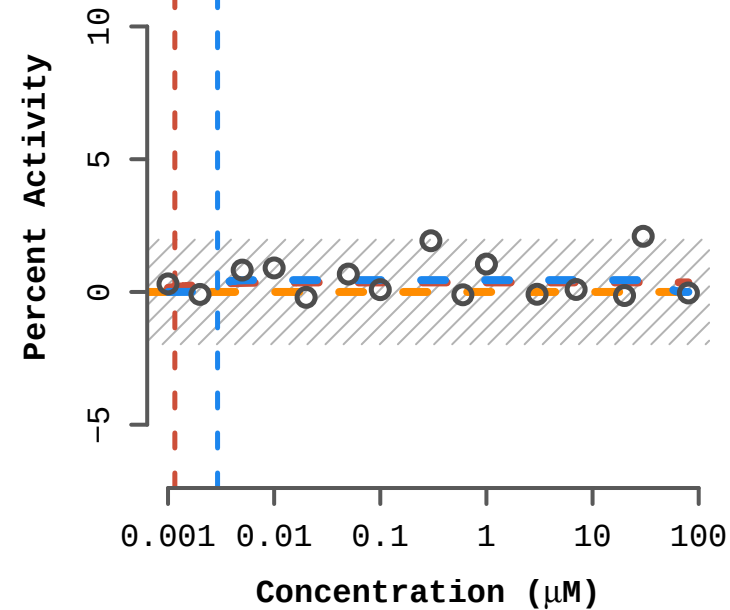
	tp	ga	gw	la	lw
val:	2.94	-2.85	7.6	-2.6	17.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	50.12	54.06	53.2
PROB:	0.74	0.1	0.16
RMSE:	1.24	1.11	1.02

MAX_MEAN: 2.69

MAX_MED: 2.69

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methylaniline

CHID: 26164 CASRN: 95-53-4

SPID(S): Tox21_201256

M4ID: 11454556

HILL MODEL (in red):

	tp	ga	gw
val:	0.359	-2.94	1.98
sd:	0.23	2.54	6.19

GAIN-LOSS MODEL (in blue):

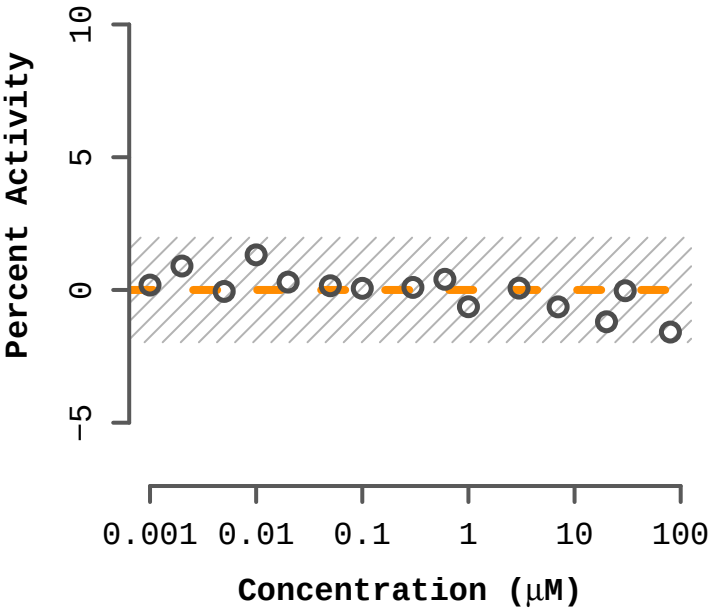
	tp	ga	gw	la	lw
val:	0.446	-2.53	8	1.72	18
sd:	0.212	0.412	16.6	2.83	237

	CNST	HILL	GNLS
AIC:	38.57	40.8	43.79
PROB:	0.71	0.23	0.05
RMSE:	0.87	0.73	0.7

MAX_MEAN: 2.1

MAX_MED: 2.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

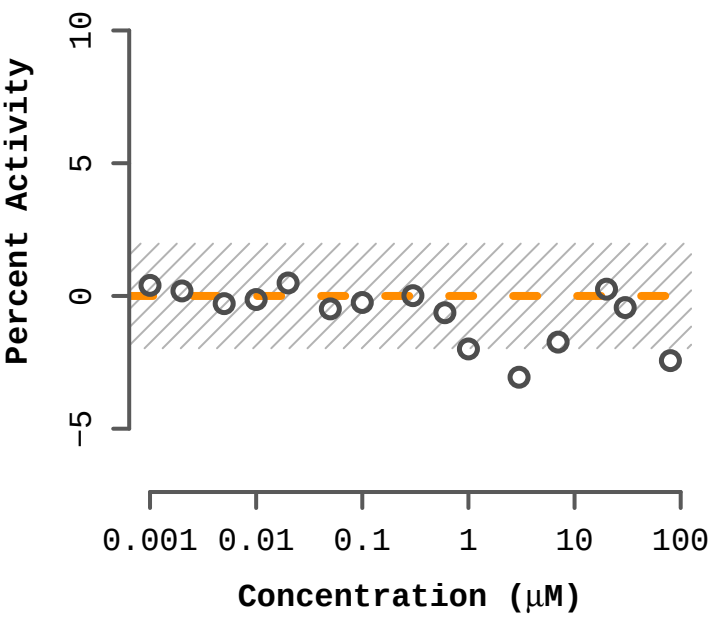
NAME: Tolyltriazole
CHID: 26171 CASRN: 29385-43-1
SPID(S): Tox21_201321
M4ID: 11454491

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.23	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN: 1.32 MAX_MED: 1.32 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tribromsalan

CHID: 26181 CASRN: 87-10-5

SPID(S): Tox21_202442

M4ID: 11453370

HILL MODEL: Not applicable.

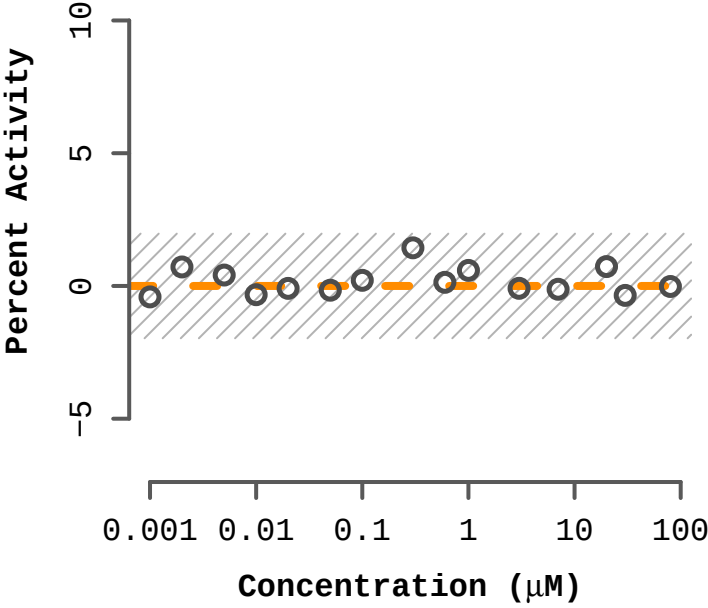
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.72	NA	NA
PROB:	1	NA	NA
RMSE:	1.26	NA	NA

MAX_MEAN: 0.491

MAX_MED: 0.491

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,3-Trichlorobenzene

CHID: 26193 CASRN: 87-61-6

SPID(S): Tox21_202113

M4ID: 11453699

HILL MODEL: Not applicable.

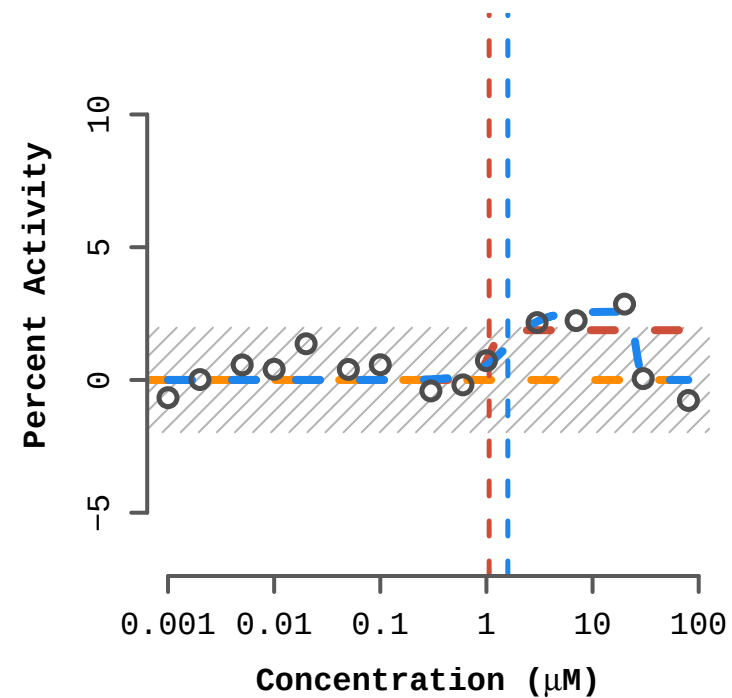
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.23	NA	NA
PROB:	1	NA	NA
RMSE:	0.53	NA	NA

MAX_MEAN: 1.44

MAX_MED: 1.44

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3,6-Trichlorophenol

CHID: 26209 CASRN: 933-75-5

SPID(S): Tox21_201763

M4ID: 11454049

HILL MODEL (in red):

	tp	ga	gw
val:	1.87	0.0256	8
sd:	0.524	0.105	18

GAIN-LOSS MODEL (in blue):

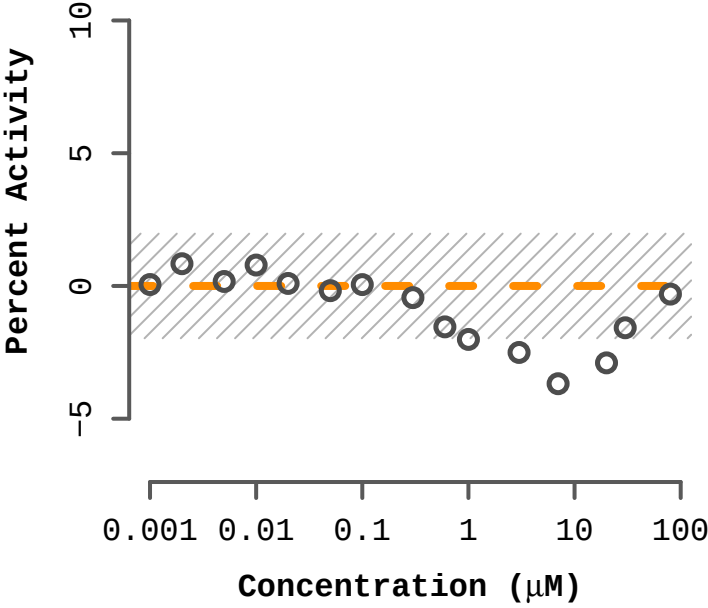
	tp	ga	gw	la	lw
val:	2.57	0.202	2.8	1.41	18
sd:	0.468	0.209	1.86	0.0562	12.2

	CNST	HILL	GNLS
AIC:	49.96	49.02	36.62
PROB:	0	0	1
RMSE:	1.22	1	0.54

MAX_MEAN: 2.86

MAX_MED: 2.86

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triclocarban

CHID: 26214 CASRN: 101-20-2

SPID(S): Tox21_202030

M4ID: 11453782

HILL MODEL: Not applicable.

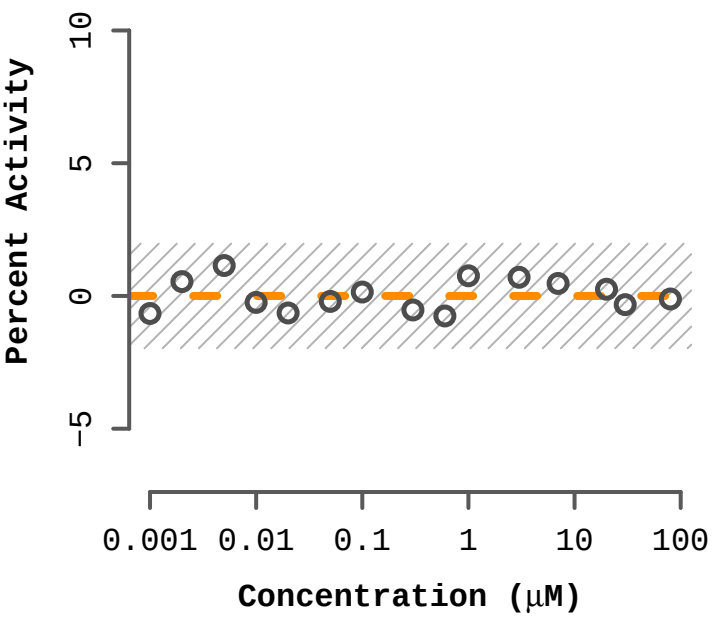
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	58.67	NA	NA
PROB:	1	NA	NA
RMSE:	1.61	NA	NA

MAX_MEAN: 0.839

MAX_MED: 0.839

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triethylene glycol diacetate

CHID: 26223 **CASRN:** 111-21-7

SPID(S): Tox21_201270

M4ID: 11454542

HILL MODEL: Not applicable.

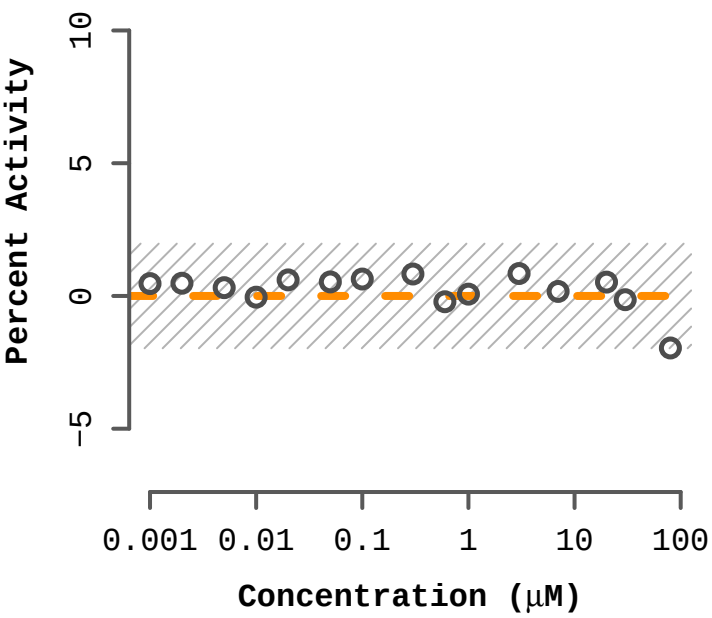
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.87	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 1.15

MAX_MED: 1.15

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triethyl phosphate

CHID: 26228 CASRN: 78-40-0

SPID(S): Tox21_202463

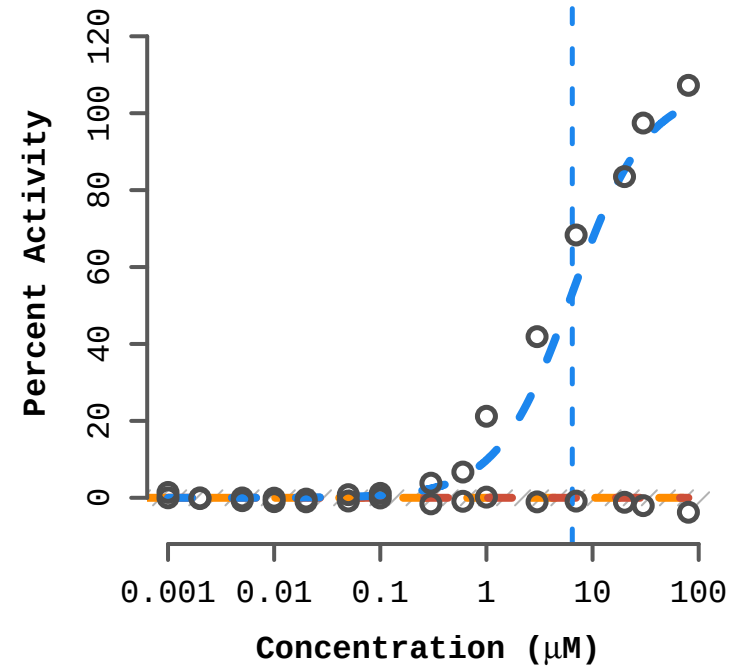
M4ID: 11453349

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.51	NA	NA
PROB:	1	NA	NA
RMSE:	0.69	NA	NA

MAX_MEAN:	0.846	MAX_MED:	0.846	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2',4',5'-Trihydroxybutyrophenone

CHID: 26232 CASRN: 1421-63-2

SPID(S): Tox21_400052

M4ID: 11453296

HILL MODEL (in red):

	tp	ga	gw
val:	7.06	2.4	7.99
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

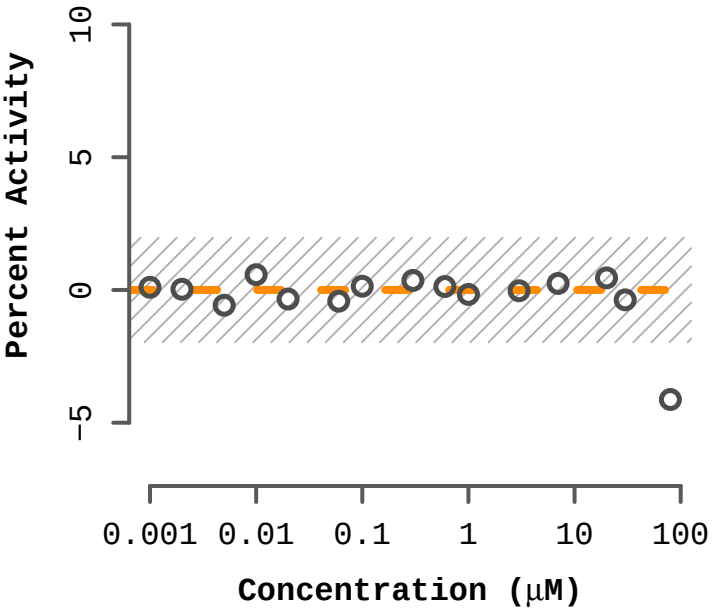
	tp	ga	gw	la	lw
val:	106	0.809	1.23	2.61	9.45
sd:	15.2	0.249	0.351	172	2290

	CNST	HILL	GNLS
AIC:	271.23	277.23	280.58
PROB:	0.94	0.05	0.01
RMSE:	34.13	34.13	32.87

MAX_MEAN: 51.8

MAX_MED: 51.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

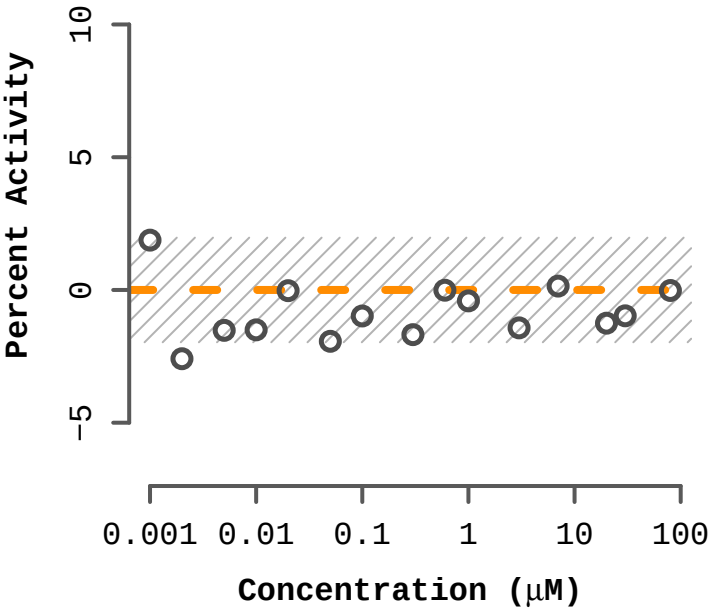
NAME: Trimellitic anhydride
CHID: 26235 CASRN: 552-30-7
SPID(S): Tox21_202066
M4ID: 11453746

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.03	NA	NA
PROB:	1	NA	NA
RMSE:	1.11	NA	NA

MAX_MEAN: 0.576 MAX_MED: 0.576 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3,5-Trimethylcyclohexyl salicylate

CHID: 26241 CASRN: 118-56-9

SPID(S): Tox21_202109

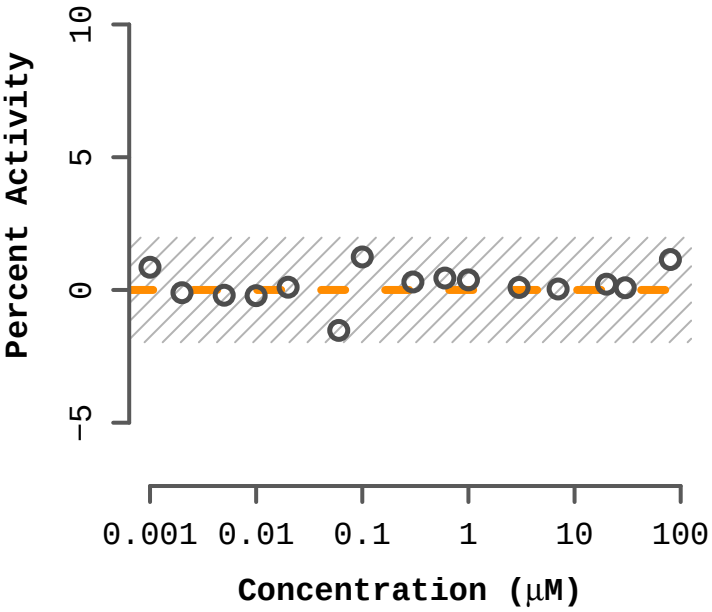
M4ID: 11453703

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	55.38	NA	NA
PROB:	1	NA	NA
RMSE:	1.34	NA	NA

MAX_MEAN:	1.88	MAX_MED:	1.88	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

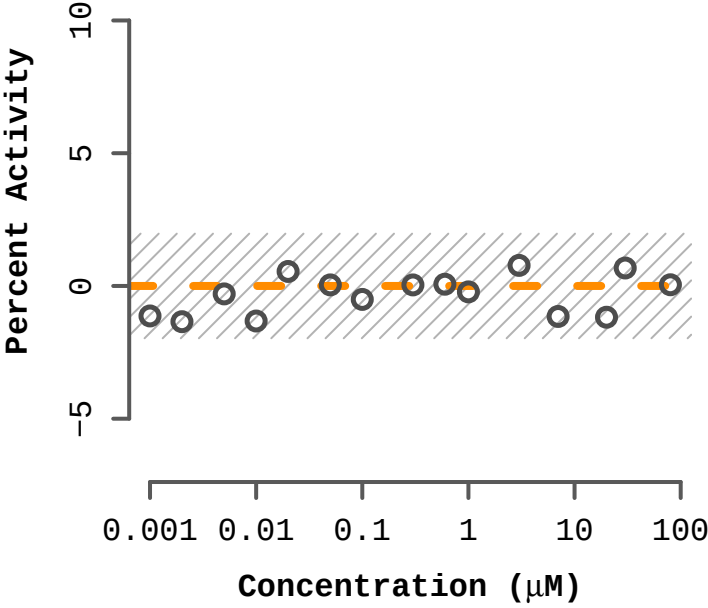
NAME: Triphenylphosphine
CHID: 26251 CASRN: 603-35-0
SPID(S): Tox21_202114
M4ID: 11453698

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.07	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA

MAX_MEAN:	1.24	MAX_MED:	1.24	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triphenyl phosphite

CHID: 26252 **CASRN:** 101-02-0

SPID(S): Tox21_202034

M4ID: 11453778

HILL MODEL: Not applicable.

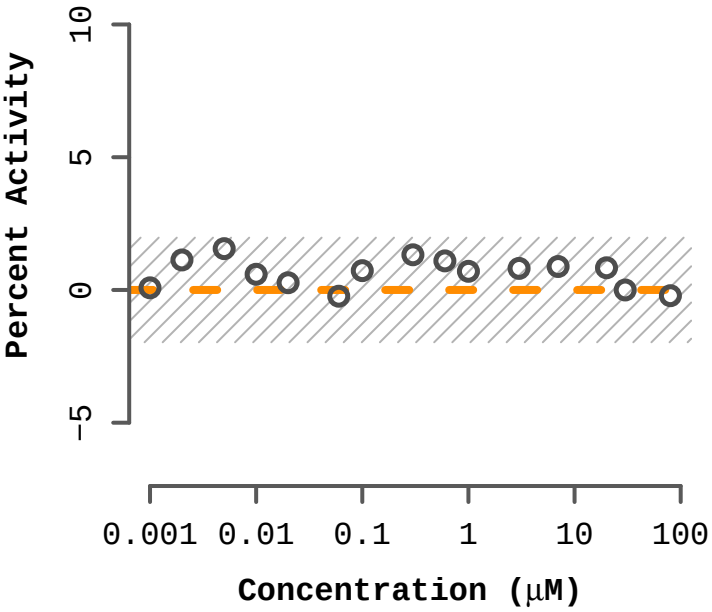
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.99	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA

MAX_MEAN: 0.776

MAX_MED: 0.776

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tris(2-chloroethyl) phosphite

CHID: 26258 **CASRN:** 140-08-9

SPID(S): Tox21_202136

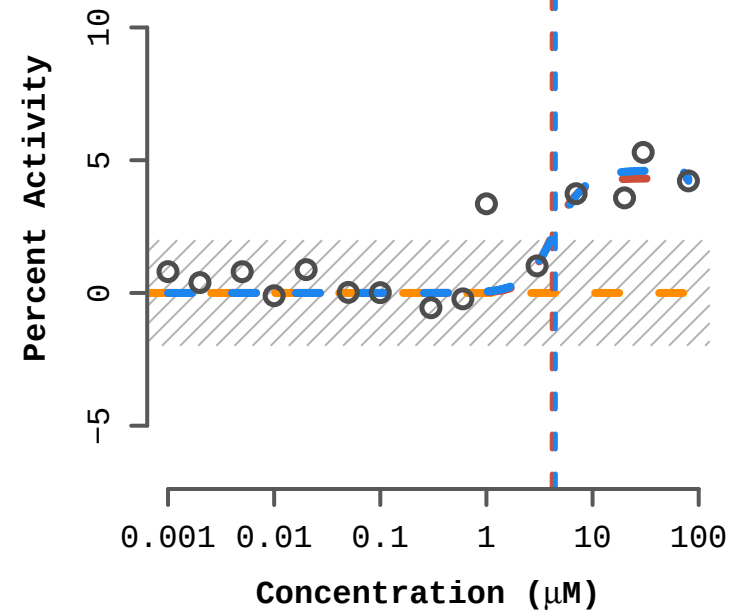
M4ID: 11453676

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.04	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN:	1.56	MAX_MED:	1.56	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: TDCPP

CHID: 26261 CASRN: 13674-87-8

SPID(S): Tox21_202166

M4ID: 11453646

HILL MODEL (in red):

	tp	ga	gw
val:	4.31	0.62	3.43
sd:	0.45	0.0819	1.71

GAIN-LOSS MODEL (in blue):

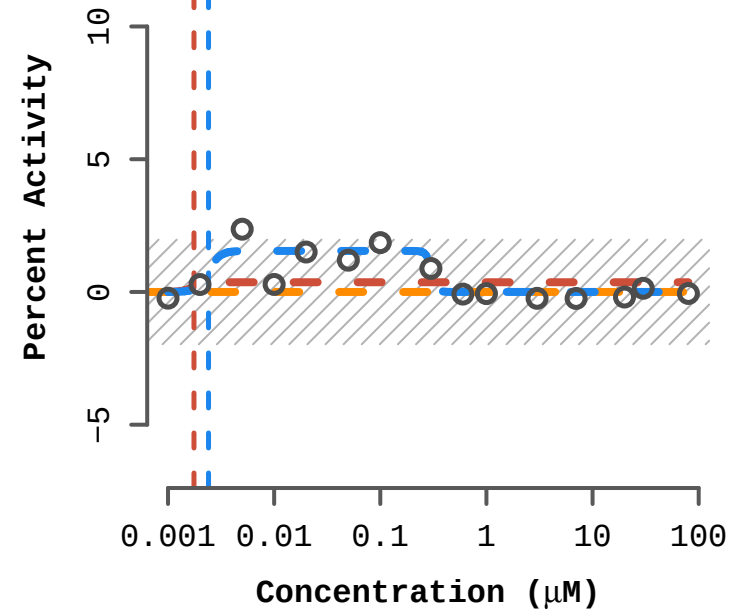
	tp	ga	gw	la	lw
val:	4.62	0.649	2.98	1.96	17.6
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	70.74	44.55	48.41
PROB:	0	0.87	0.13
RMSE:	2.42	1.01	1

MAX_MEAN: 5.3

MAX_MED: 5.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triglycidyl isocyanurate

CHID: 26262 CASRN: 2451-62-9

SPID(S): Tox21_201660

M4ID: 11454152

HILL MODEL (in red):

	tp	ga	gw
val:	0.366	-2.76	8
sd:	0.237	0.415	28.4

GAIN-LOSS MODEL (in blue):

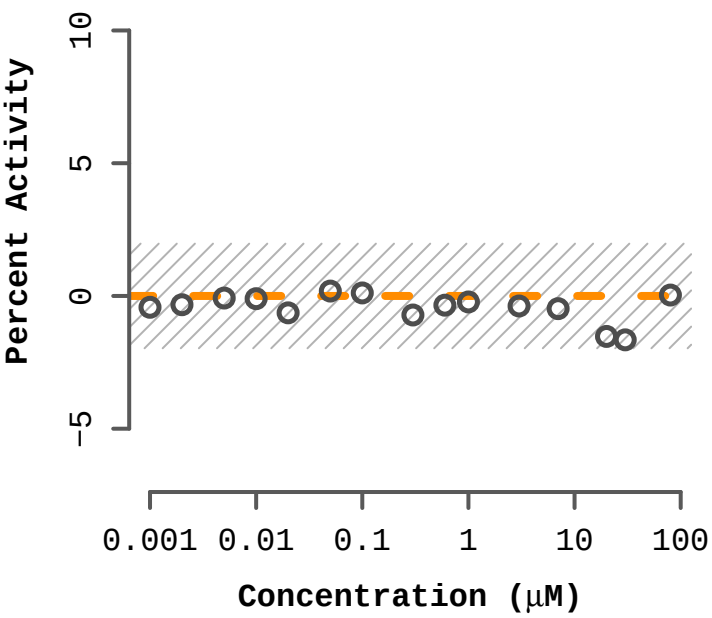
	tp	ga	gw	la	lw
val:	1.54	-2.62	8	-0.516	17.7
sd:	0.197	0.0813	6.97	0.0941	229

	CNST	HILL	GNLS
AIC:	41.76	44.79	24.43
PROB:	0	0	1
RMSE:	0.96	0.82	0.43

MAX_MEAN: 2.36

MAX_MED: 2.36

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tris(2-ethylhexyl) trimellitate

CHID: 26265 CASRN: 3319-31-1

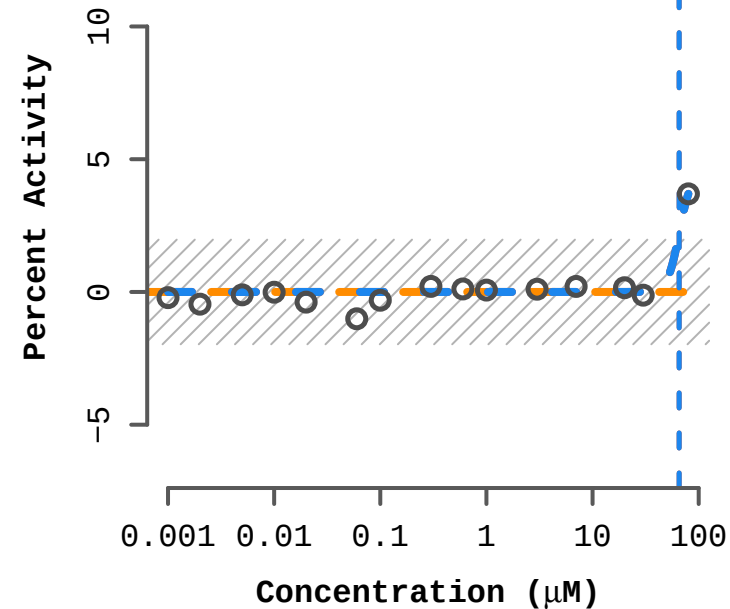
SPID(S): Tox21_202002

M4ID: 11453810

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	31.09	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.68	NA	NA	
MAX_MEAN:	0.186	MAX_MED:	0.186	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tris(2-hydroxyethyl) isocyanurate

CHID: 26266 CASRN: 839-90-7

SPID(S): Tox21_201489

M4ID: 11454323

HILL MODEL (in red):

	tp	ga	gw
val:	4.44	1.82	8
sd:	1.81	0.055	9.04

GAIN-LOSS MODEL (in blue):

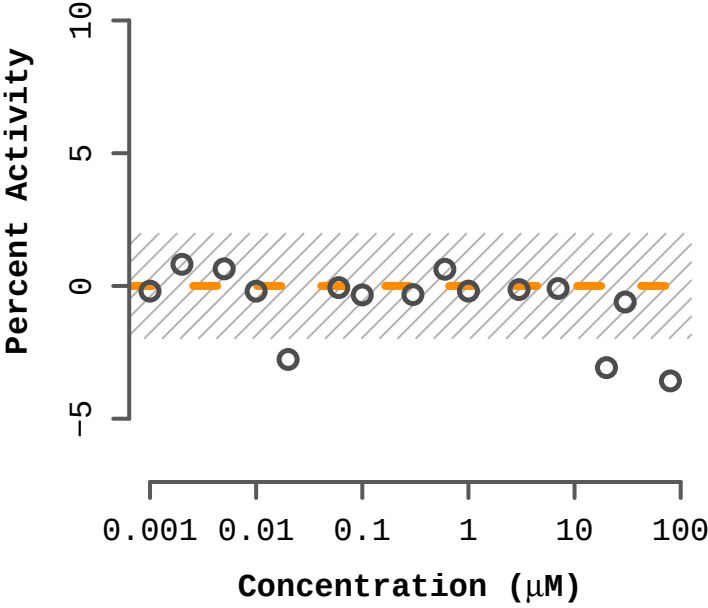
	tp	ga	gw	la	lw
val:	4.44	1.82	8	3.9	3.22
sd:	1.81	0.0549	9.02	1610	2600

	CNST	HILL	GNLS
AIC:	28.34	14.84	18.84
PROB:	0	0.88	0.12
RMSE:	1.01	0.34	0.34

MAX_MEAN: 3.7

MAX_MED: 3.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Veratraldehyde

CHID: 26285 **CASRN:** 120-14-9

SPID(S): Tox21_201566

M4ID: 11454246

HILL MODEL: Not applicable.

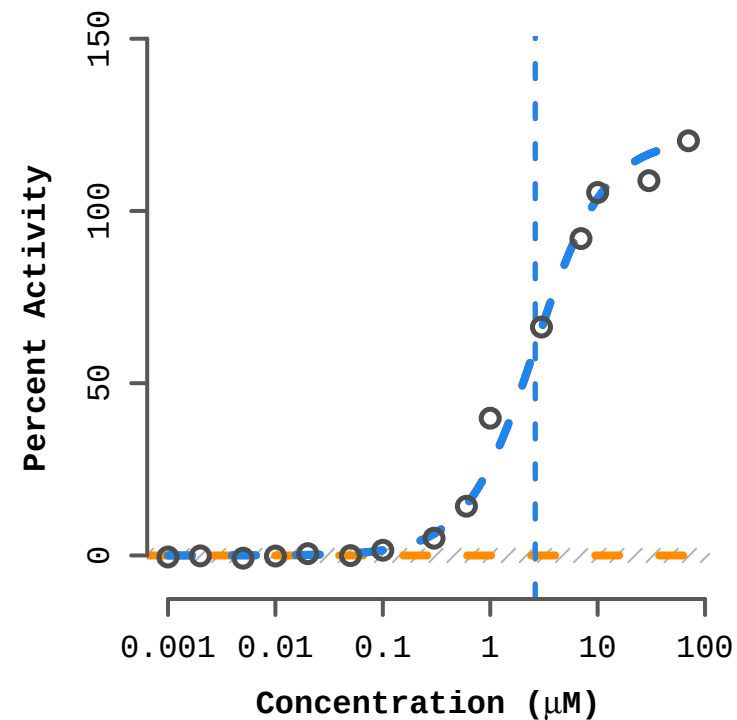
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	52.3	NA	NA
PROB:	1	NA	NA
RMSE:	1.46	NA	NA

MAX_MEAN: 0.817

MAX_MED: 0.817

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: m-Xylene

CHID: 26298 CASRN: 108-38-3

SPID(S): Tox21_202056

M4ID: 11453756

HILL MODEL (in red):

	tp	ga	gw
val:	121	0.419	1.34
sd:	1.85	0.0185	0.0673

GAIN-LOSS MODEL (in blue):

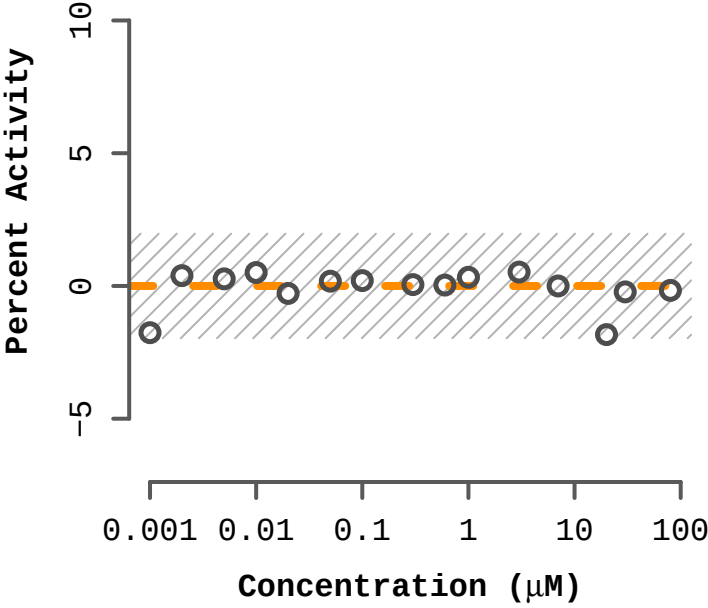
	tp	ga	gw	la	lw
val:	121	0.419	1.34	3.08	7.37
sd:	1.85	0.0185	0.0673	971	5780

	CNST	HILL	GNLS
AIC:	166.32	82.83	86.83
PROB:	0	0.88	0.12
RMSE:	58.94	4.23	4.23

MAX_MEAN: 120

MAX_MED: 120

BMAD: 0.657



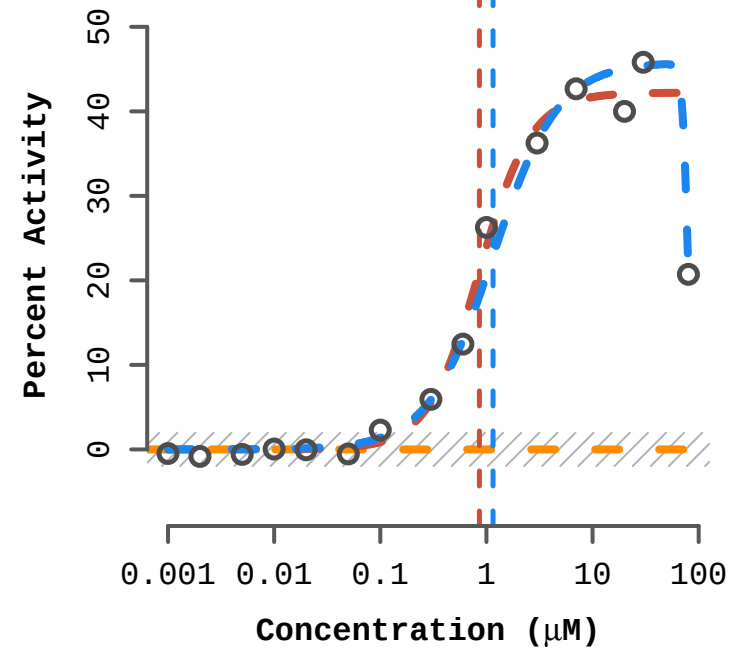
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium xylenesulfonate
CHID: 26302 CASRN: 1300-72-7
SPID(S): Tox21_202016
M4ID: 11453796

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.51	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA
MAX_MEAN:	0.524	MAX_MED: 0.524	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: p-Xylenol blue

CHID: 26303 CASRN: 125-31-5

SPID(S): Tox21_201524

M4ID: 11454288

HILL MODEL (in red):

	tp	ga	gw
val:	42.2	-0.0659	1.78
sd:	2.02	0.0635	0.371

GAIN-LOSS MODEL (in blue):

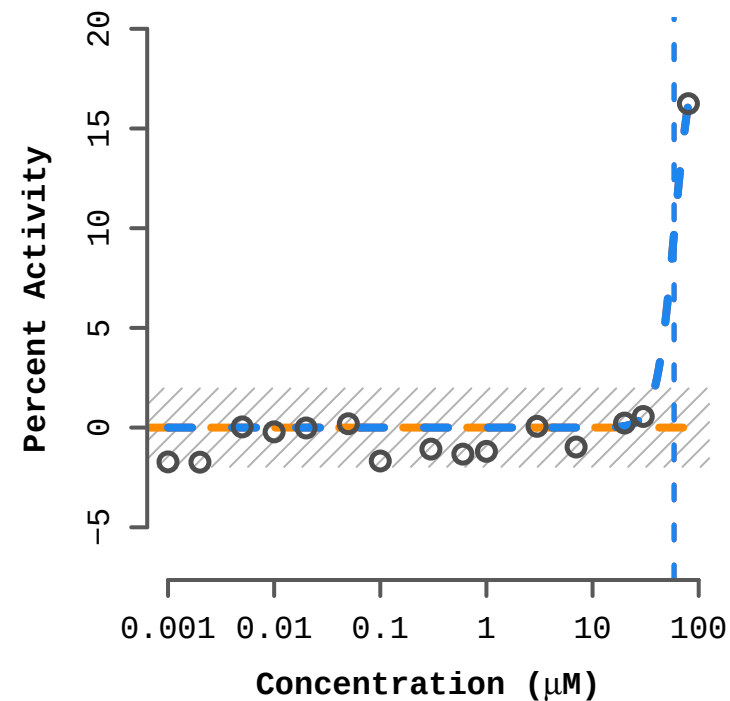
	tp	ga	gw	la	lw
val:	45.8	0.0623	1.42	1.9	16.3
sd:	0.891	0.0305	0.0782	0.00494	6.28

	CNST	HILL	GNLS
AIC:	139.15	84.62	66.26
PROB:	0	0	1
RMSE:	23.31	5.76	2.02

MAX_MEAN: 45.8

MAX_MED: 45.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,6-Dimethylaniline

CHID: 26307 CASRN: 87-62-7

SPID(S): Tox21_201426

M4ID: 11454386

HILL MODEL (in red):

	tp	ga	gw
val:	19.5	1.77	5.18
sd:	7.53	0.133	2.83

GAIN-LOSS MODEL (in blue):

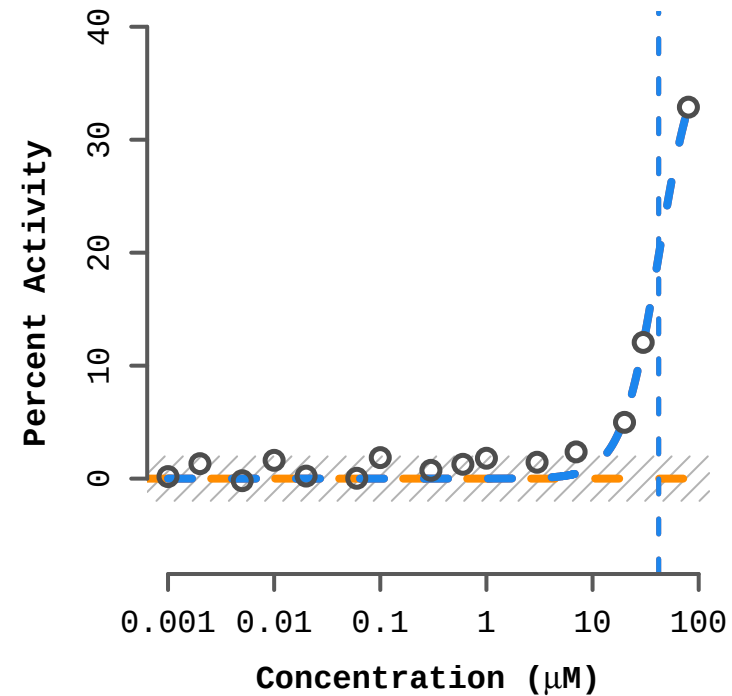
	tp	ga	gw	la	lw
val:	19.5	1.77	5.18	2.74	8.51
sd:	7.56	0.134	2.83	2240	22900

	CNST	HILL	GNLS
AIC:	66.71	50.64	54.64
PROB:	0	0.88	0.12
RMSE:	4.31	0.97	0.97

MAX_MEAN: 16.2

MAX_MED: 16.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Zinc pyrithione

CHID: 26314 CASRN: 13463-41-7

SPID(S): Tox21_202180

M4ID: 11453632

HILL MODEL (in red):

	tp	ga	gw
val:	39.5	1.62	2.49
sd:	3.65	0.0513	0.392

GAIN-LOSS MODEL (in blue):

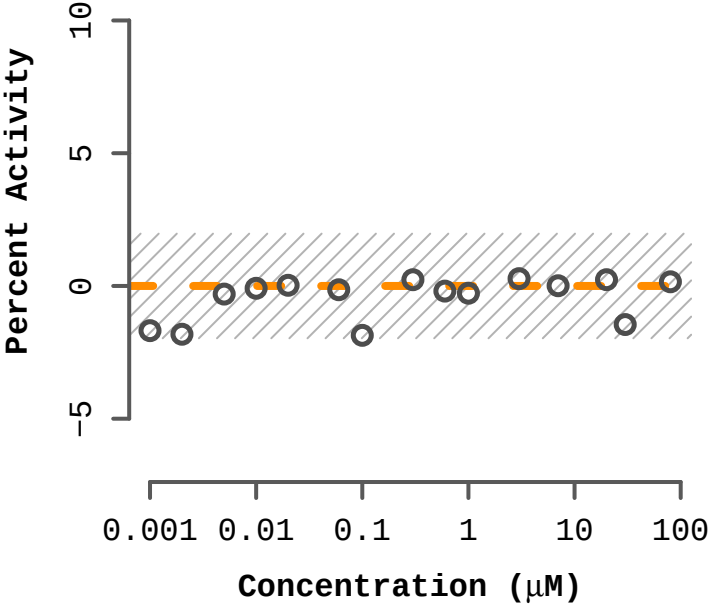
	tp	ga	gw	la	lw
val:	39.5	1.62	2.49	3.72	5.5
sd:	3.65	0.0514	0.392	36700	111000

	CNST	HILL	GNLS
AIC:	94.87	55.82	59.82
PROB:	0	0.88	0.12
RMSE:	9.21	1.13	1.13

MAX_MEAN: 32.9

MAX_MED: 32.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Vitamin E

CHID: 26339 CASRN: 59-02-9

SPID(S): Tox21_202081

M4ID: 11453731

HILL MODEL: Not applicable.

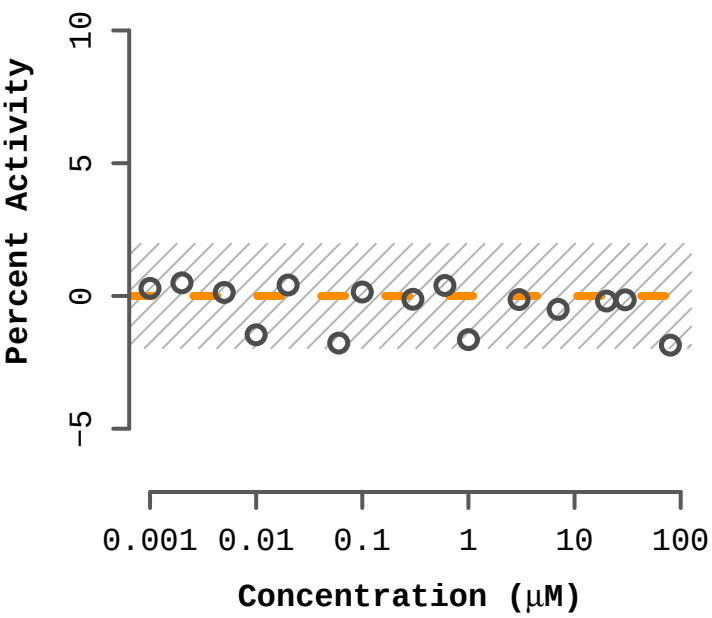
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.63	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA

MAX_MEAN: 0.277

MAX_MED: 0.277

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Phenylethanol

CHID: 26342 CASRN: 60-12-8

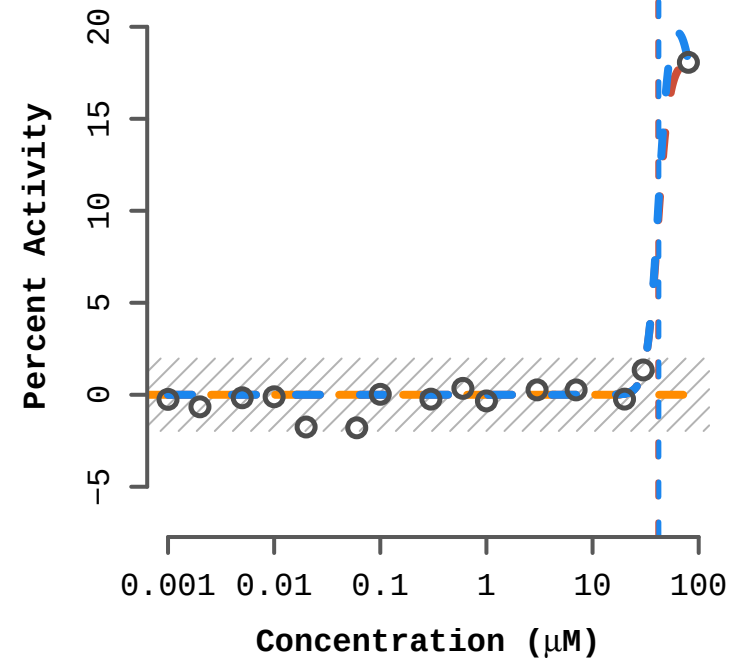
SPID(S): Tox21_201322

M4ID: 11454490

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.07	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA
MAX_MEAN:	0.495	MAX_MED: 0.495	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Salicylic acid

CHID: 26368 CASRN: 69-72-7

SPID(S): Tox21_201471

M4ID: 11454341

HILL MODEL (in red):

	tp	ga	gw
val:	18.2	1.61	8
sd:	0.379	0.0324	1.79

GAIN-LOSS MODEL (in blue):

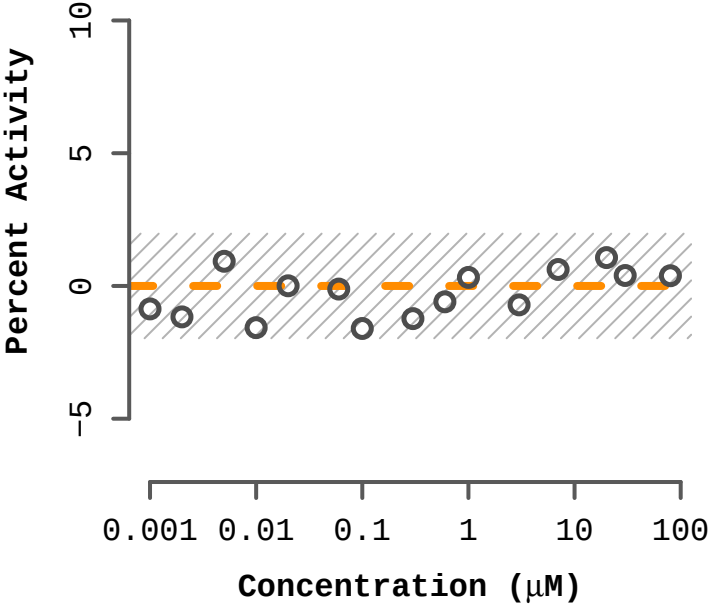
	tp	ga	gw	la	lw
val:	21.7	1.62	8	2.05	4.93
sd:	2.78	0.032	1.67	0.0189	2.59

	CNST	HILL	GNLS
AIC:	61.57	34.77	38.76
PROB:	0	0.88	0.12
RMSE:	4.73	0.7	0.7

MAX_MEAN: 18.1

MAX_MED: 18.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acetyl tributyl citrate

CHID: 26446 **CASRN:** 77-90-7

SPID(S): Tox21_201779

M4ID: 11454033

HILL MODEL: Not applicable.

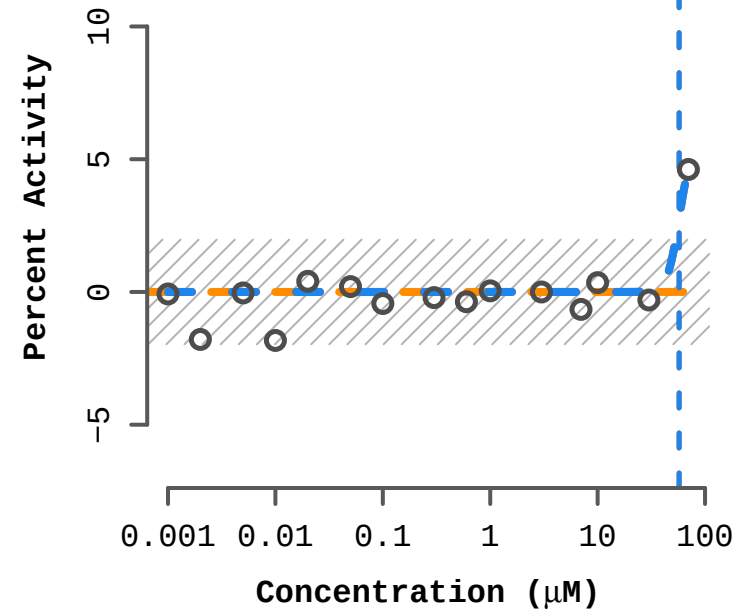
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.65	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA

MAX_MEAN: 1.07

MAX_MED: 1.07

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2'-Azobis(2-methylpropanenitrile)

CHID: 26457 CASRN: 78-67-1

SPID(S): Tox21_202084

M4ID: 11453728

HILL MODEL (in red):

	tp	ga	gw
val:	5.54	1.76	8
sd:	2.58	0.113	5.96

GAIN-LOSS MODEL (in blue):

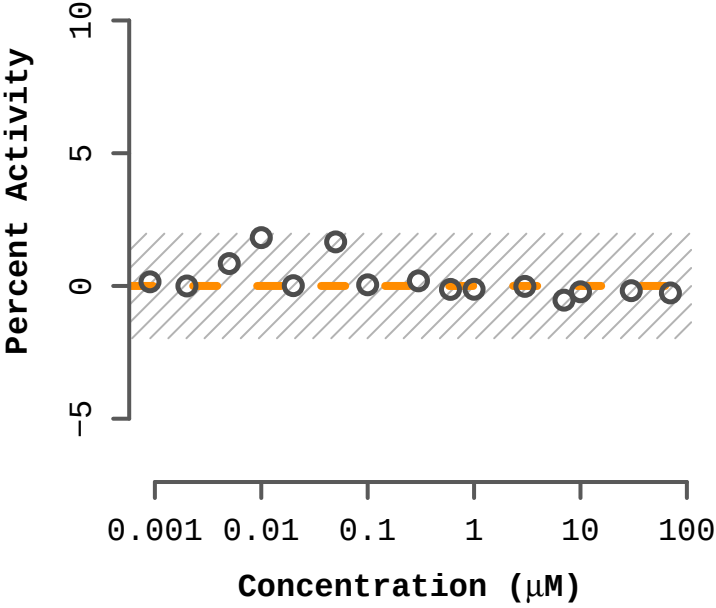
	tp	ga	gw	la	lw
val:	5.54	1.76	8	3.38	4.47
sd:	2.59	0.113	5.97	1250	3630

	CNST	HILL	GNLS
AIC:	45.67	36.32	40.32
PROB:	0.01	0.87	0.12
RMSE:	1.39	0.72	0.72

MAX_MEAN: 4.62

MAX_MED: 4.62

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methylpropanenitrile

CHID: 26461 **CASRN:** 78-82-0

SPID(S): Tox21_201929

M4ID: 11453883

HILL MODEL: Not applicable.

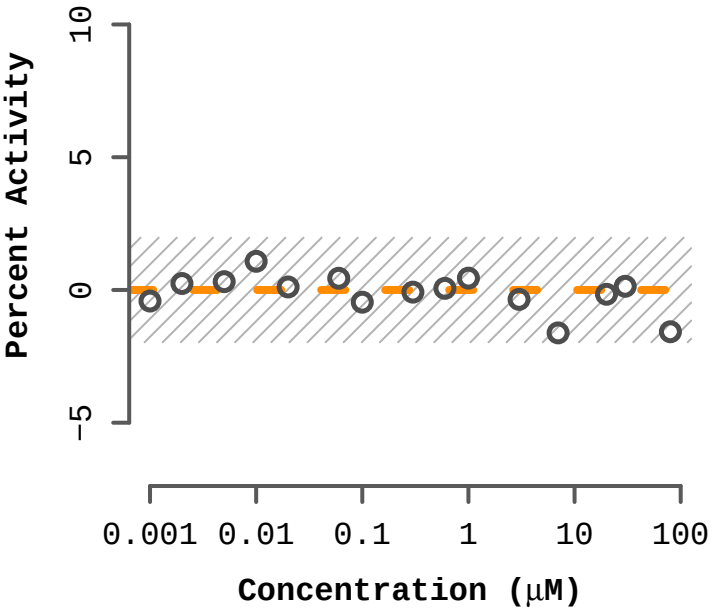
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.77	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 1.82

MAX_MED: 1.82

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Camphene

CHID: 26488 CASRN: 79-92-5

SPID(S): Tox21_202014

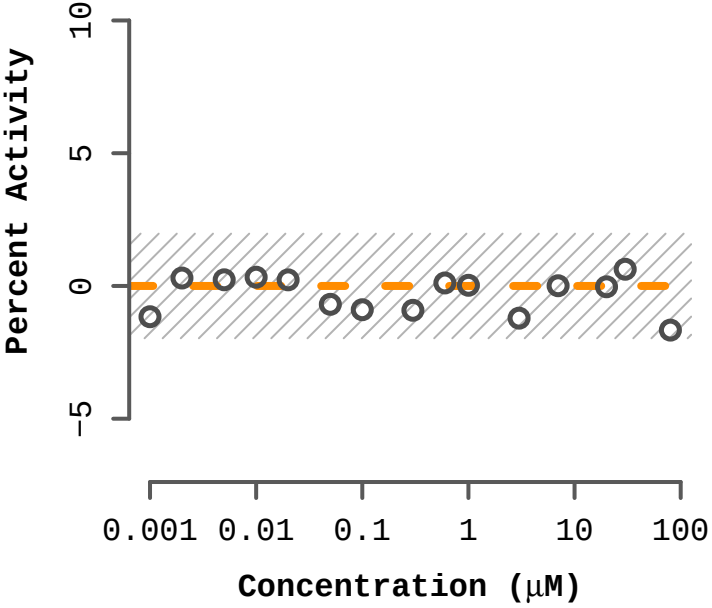
M4ID: 11453798

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.38	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN:	1.08	MAX_MED:	1.08	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: alpha-Terpinyl acetate

CHID: 26496 **CASRN:** 80-26-2

SPID(S): Tox21_202188

M4ID: 11453624

HILL MODEL: Not applicable.

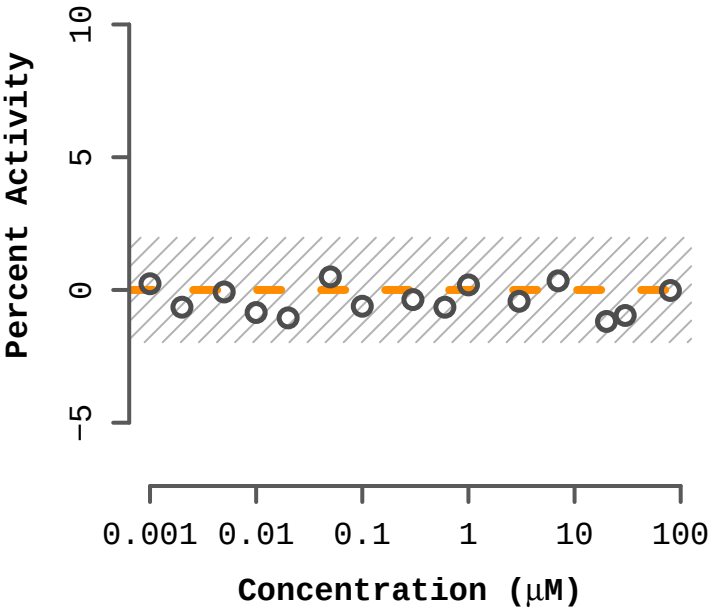
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.49	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 0.63

MAX_MED: 0.63

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-(4-tert-Butylphenyl)-2-methylpropanal

CHID: 26500 CASRN: 80-54-6

SPID(S): Tox21_201412

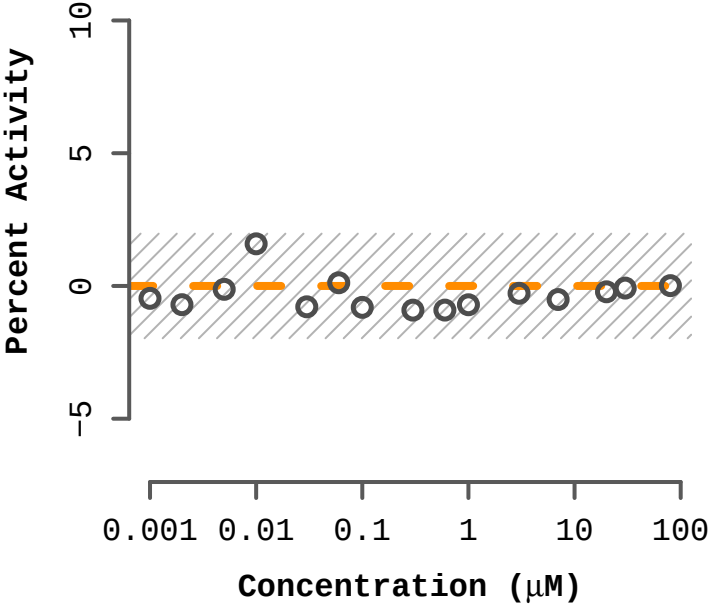
M4ID: 11454400

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.05	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 0.493 MAX_MED: 0.493 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Phthalimide

CHID: 26514 **CASRN:** 85-41-6

SPID(S): Tox21_201800

M4ID: 11454012

HILL MODEL: Not applicable.

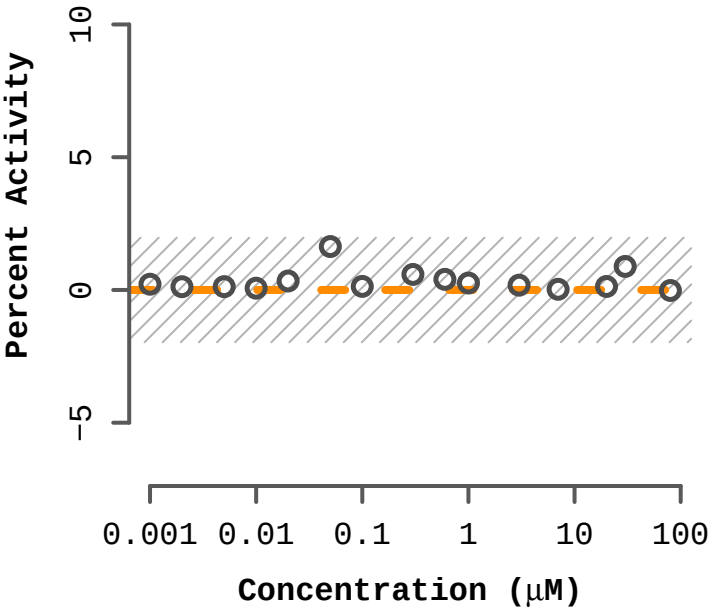
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.36	NA	NA
PROB:	1	NA	NA
RMSE:	0.69	NA	NA

MAX_MEAN: 1.59

MAX_MED: 1.59

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tetrahydrophthalic anhydride

CHID: 26516 CASRN: 85-43-8

SPID(S): Tox21_202210

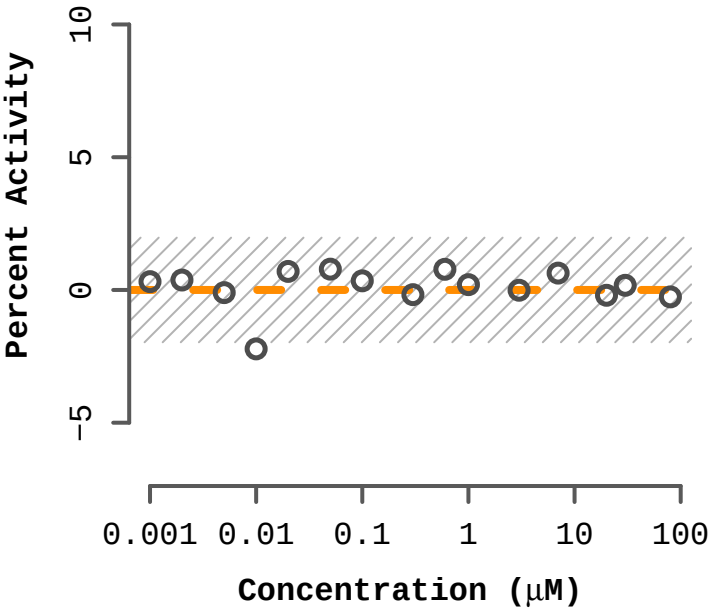
M4ID: 11453602

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	21.22	NA	NA
PROB:	1	NA	NA
RMSE:	0.54	NA	NA

MAX_MEAN:	1.64	MAX_MED:	1.64	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 7-Amino-4-hydroxynaphthalene-2-sulfonic acid

CHID: 26520 CASRN: 87-02-5

SPID(S): Tox21_202232

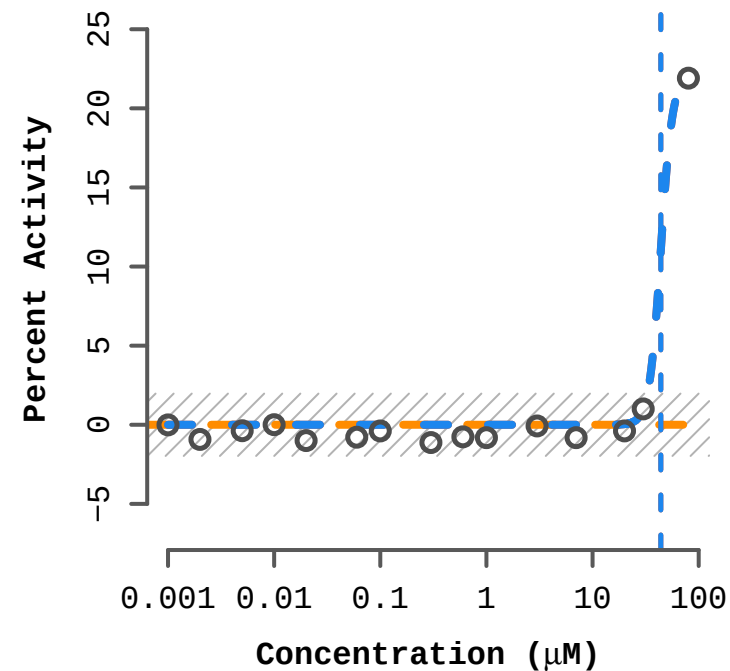
M4ID: 11453580

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	30.63	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN: 0.784 MAX_MED: 0.784 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-tert-Butylphenol

CHID: 26525 CASRN: 88-18-6

SPID(S): Tox21_202041

M4ID: 11453771

HILL MODEL (in red):

	tp	ga	gw
val:	22.1	1.64	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

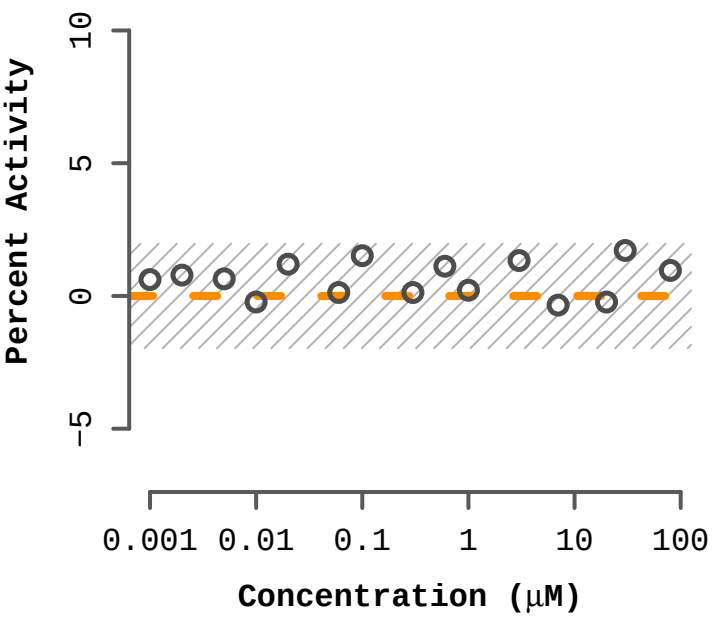
	tp	ga	gw	la	lw
val:	22.1	1.64	8	2.99	3.26
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	62.88	38.92	42.92
PROB:	0	0.88	0.12
RMSE:	5.7	0.64	0.64

MAX_MEAN: 21.9

MAX_MED: 21.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Amino-5-methylbenzenesulfonic acid

CHID: 26526 **CASRN:** 88-44-8

SPID(S): Tox21_202254

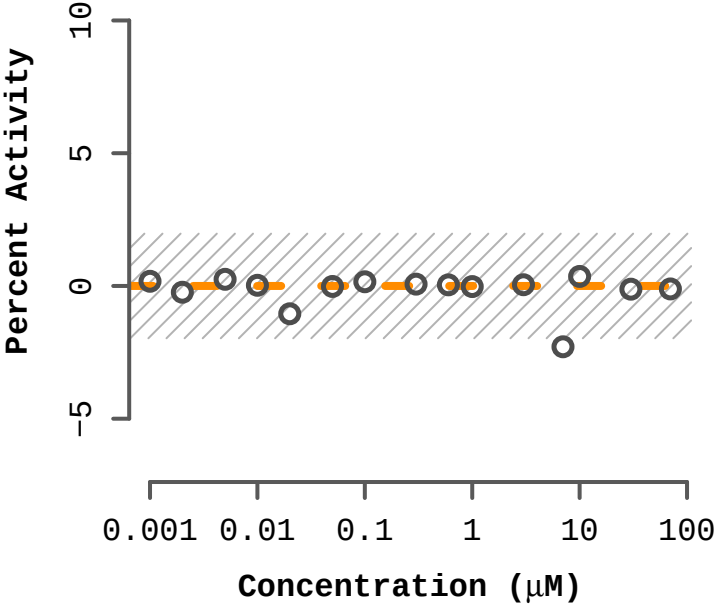
M4ID: 11453558

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.28	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA

MAX_MEAN:	1.71	MAX_MED:	1.71	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-tert-Butyl-5-methylphenol

CHID: 26529 CASRN: 88-60-8

SPID(S): Tox21_201418

M4ID: 11454394

HILL MODEL: Not applicable.

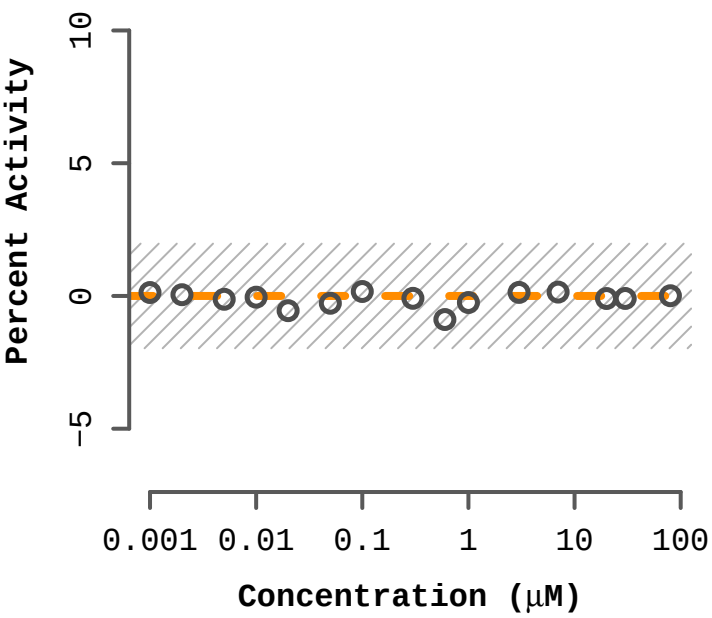
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	19.67	NA	NA
PROB:	1	NA	NA
RMSE:	0.67	NA	NA

MAX_MEAN: 0.36

MAX_MED: 0.36

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1H,3H-Benzo(1,2-c:4,5-c')difuran-1,3,5,7-tetrol

CHID: 26536 CASRN: 89-32-7

SPID(S): Tox21_201714

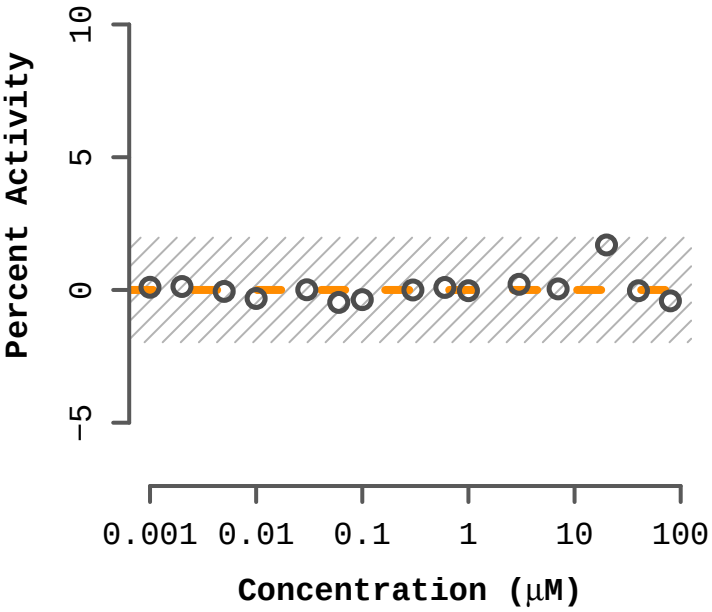
M4ID: 11454098

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	4.7	NA	NA
PROB:	1	NA	NA
RMSE:	0.3	NA	NA

MAX_MEAN: 0.169 MAX_MED: 0.169 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,3-Benzotriazin-4(1H)-one

CHID: 26544 CASRN: 90-16-4

SPID(S): Tox21_201876

M4ID: 11453936

HILL MODEL: Not applicable.

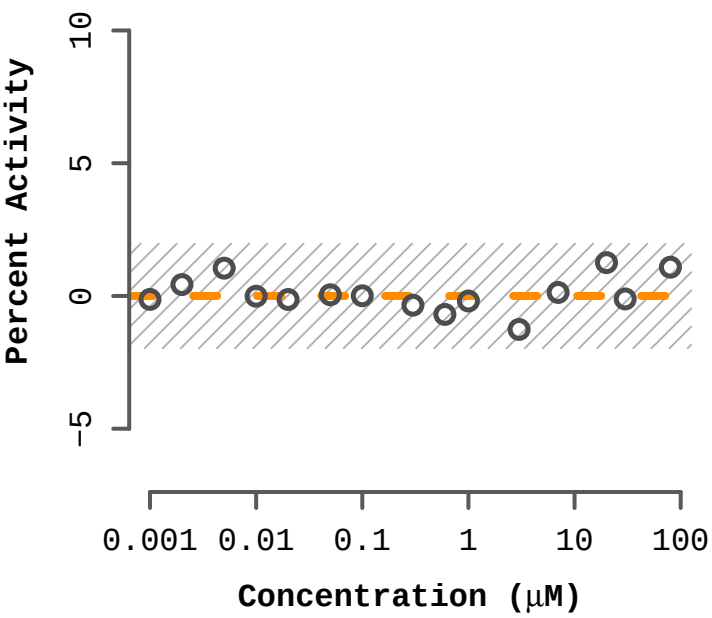
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	13.58	NA	NA
PROB:	1	NA	NA
RMSE:	0.49	NA	NA

MAX_MEAN: 1.7

MAX_MED: 1.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,6-Tris(dimethylaminomethyl)phenol

CHID: 26548 **CASRN:** 90-72-2

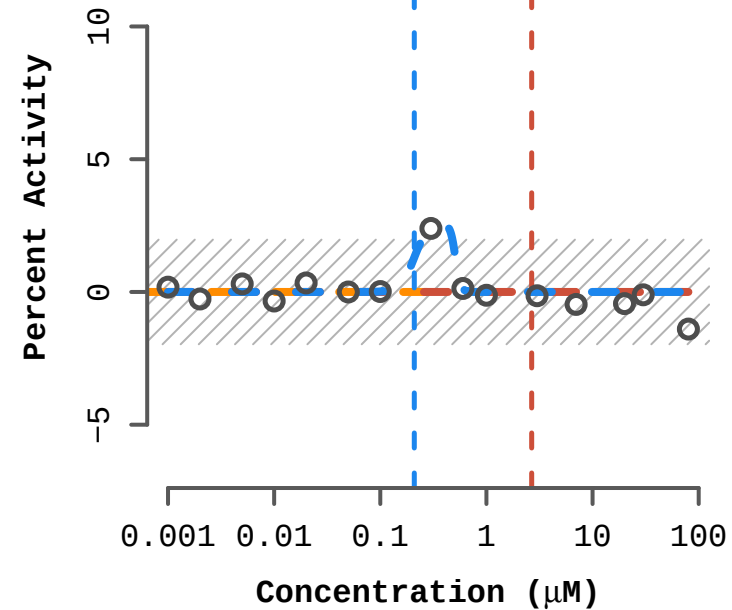
SPID(S): Tox21_201895

M4ID: 11453917

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.6	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA
MAX_MEAN: 1.26		MAX_MED: 1.26	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-(2-Methoxyphenyl)-3-oxobutanamide

CHID: 26558 CASRN: 92-15-9

SPID(S): Tox21_201280

M4ID: 11454532

HILL MODEL (in red):

	tp	ga	gw
val:	5.51e-12	0.426	1.22
sd:	3.8e-06	176000	344000

GAIN-LOSS MODEL (in blue):

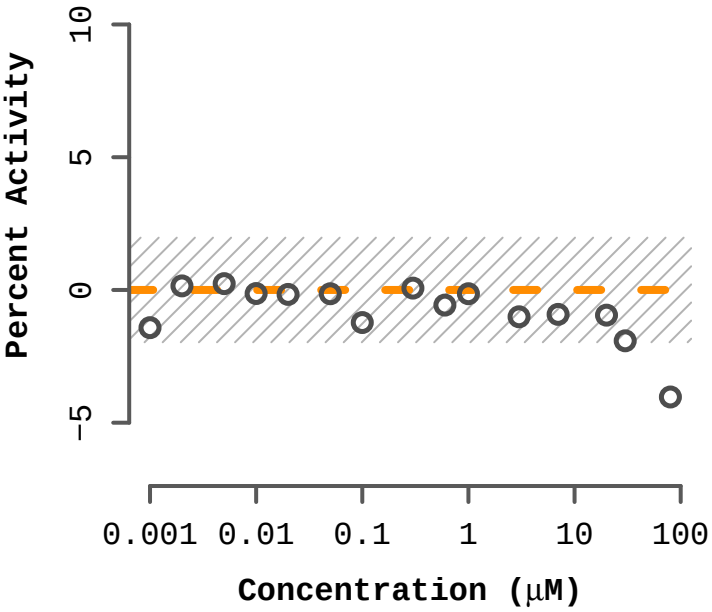
	tp	ga	gw	la	lw
val:	2.6	-0.68	6.76	-0.292	18
sd:	87.7	18.8	352	1.54	337

	CNST	HILL	GNLS
AIC:	28.74	34.74	24.77
PROB:	0.12	0.01	0.87
RMSE:	0.76	0.76	0.43

MAX_MEAN: 2.39

MAX_MED: 2.39

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Hydroxy-2-naphthoic acid

CHID: 26560 CASRN: 92-70-6

SPID(S): Tox21_201550

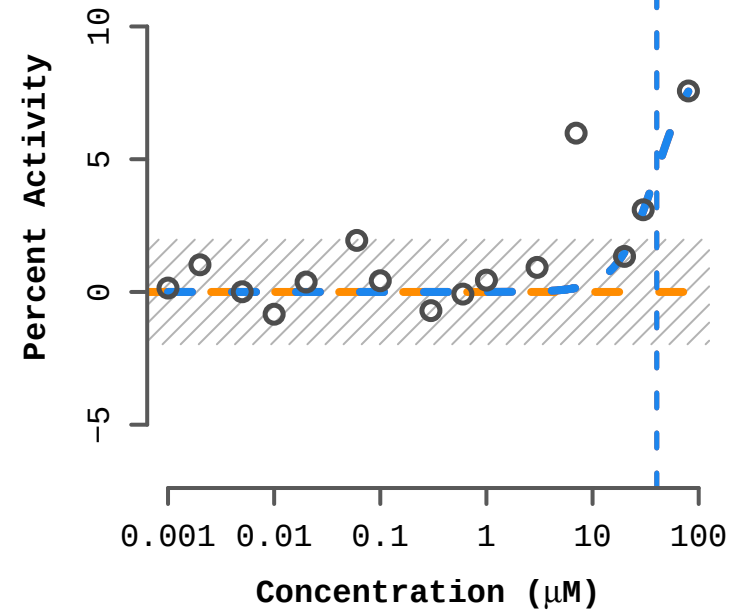
M4ID: 11454262

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.8	NA	NA
PROB:	1	NA	NA
RMSE:	1.33	NA	NA

MAX_MEAN: 0.239	MAX_MED: 0.239	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-(2-Methylphenyl)-3-oxobutanamide

CHID: 26562 CASRN: 93-68-5

SPID(S): Tox21_201308

M4ID: 11454504

HILL MODEL (in red):

	tp	ga	gw
val:	9.09	1.61	2.32
sd:	6.09	0.382	2.77

GAIN-LOSS MODEL (in blue):

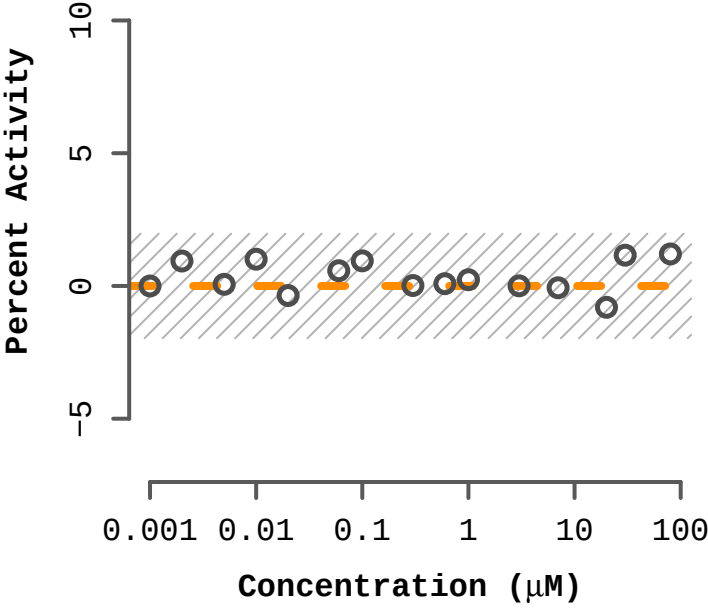
	tp	ga	gw	la	lw
val:	9.09	1.61	2.32	3.3	5.43
sd:	6.08	0.382	2.77	2340	9090

	CNST	HILL	GNLS
AIC:	69.84	54.58	58.58
PROB:	0	0.88	0.12
RMSE:	2.73	1.66	1.66

MAX_MEAN: 7.57

MAX_MED: 7.57

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triethylene glycol bis(2-ethylhexanoate)

CHID: 26564 **CASRN:** 94-28-0

SPID(S): Tox21_202276

M4ID: 11453536

HILL MODEL: Not applicable.

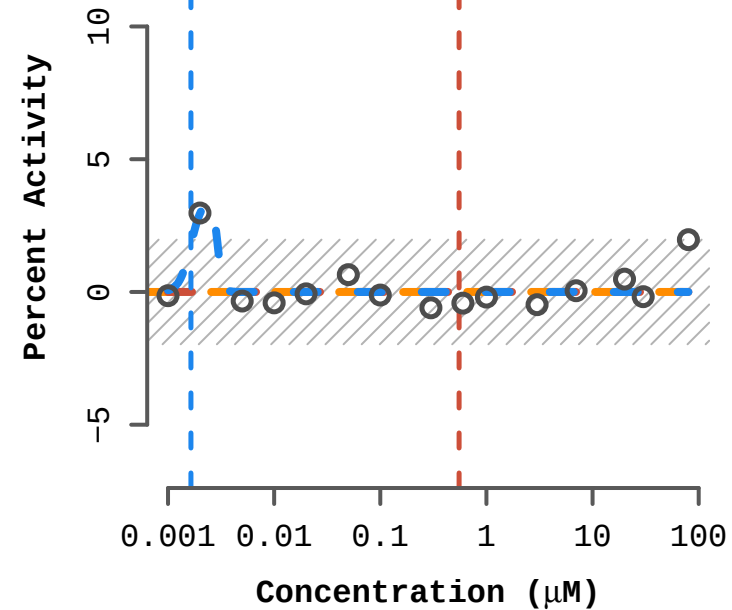
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.88	NA	NA
PROB:	1	NA	NA
RMSE:	0.67	NA	NA

MAX_MEAN: 1.21

MAX_MED: 1.21

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl hexahydroterephthalate

CHID: 26566 CASRN: 94-60-0

SPID(S): Tox21_202298

M4ID: 11453514

HILL MODEL (in red):

	tp	ga	gw
val:	3.94e-10	-0.257	0.4
sd:	1.36e-05	20900	12600

GAIN-LOSS MODEL (in blue):

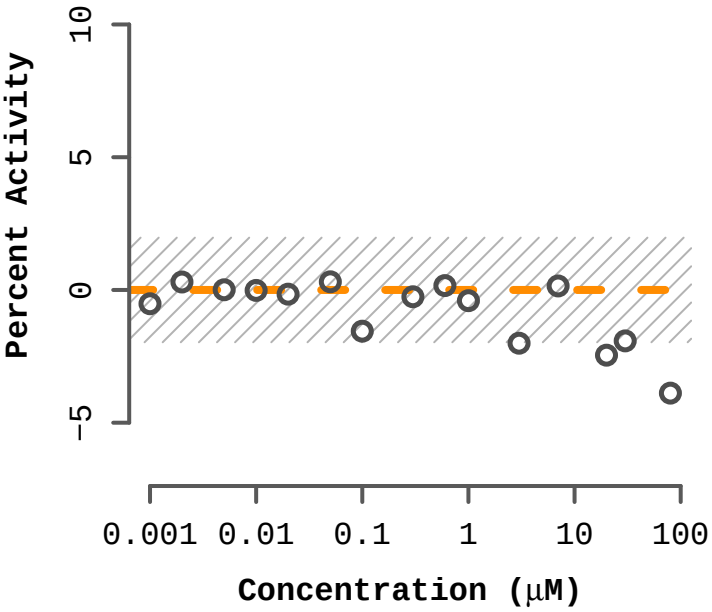
	tp	ga	gw	la	lw
val:	3.57	-2.78	8	-2.53	18
sd:	1.46	0.0932	5.58	0.584	63.8

	CNST	HILL	GNLS
AIC:	38.02	44.02	35.77
PROB:	0.24	0.01	0.75
RMSE:	0.98	0.98	0.62

MAX_MEAN: 2.97

MAX_MED: 2.97

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(Morpholin-4-ylidithio)-1,3-benzothiazole

CHID: 26573 CASRN: 95-32-9

SPID(S): Tox21_201340

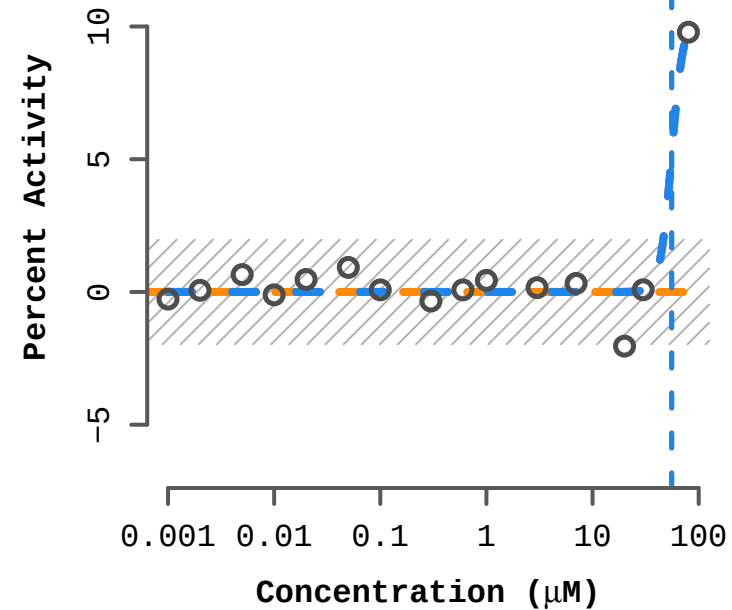
M4ID: 11454472

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	53.84	NA	NA
PROB:	1	NA	NA
RMSE:	1.46	NA	NA

MAX_MEAN: 0.309 MAX_MED: 0.309 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Di-tert-butylphenol

CHID: 26602 CASRN: 96-76-4

SPID(S): Tox21_202320

M4ID: 11453492

HILL MODEL (in red):

	tp	ga	gw
val:	10.3	1.74	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

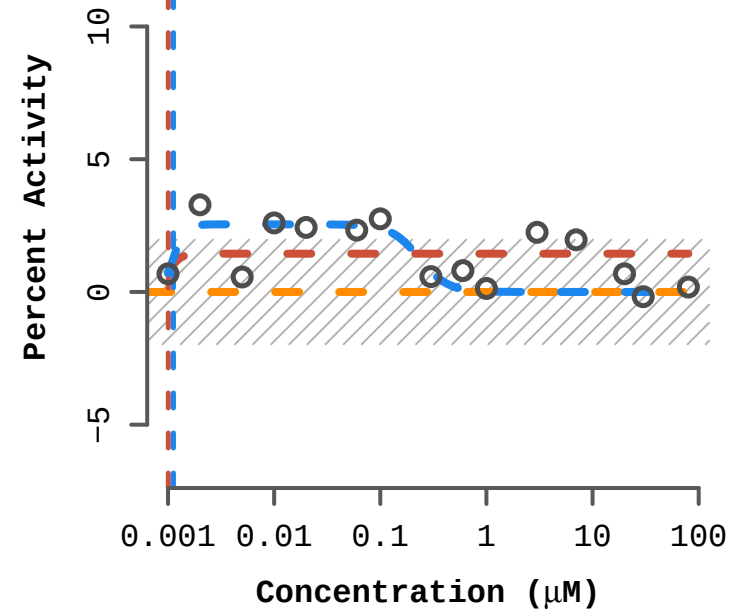
	tp	ga	gw	la	lw
val:	10.8	1.75	8	3.9	0.687
sd:	3.37	0.32	7.41	43.2	13.4

	CNST	HILL	GNLS
AIC:	50.05	32.12	36.12
PROB:	0	0.88	0.12
RMSE:	2.61	0.64	0.64

MAX_MEAN: 9.79

MAX_MED: 9.79

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methylenebutanedioic acid

CHID: 26608 CASRN: 97-65-4

SPID(S): Tox21_201299

M4ID: 11454513

HILL MODEL (in red):

	tp	ga	gw
val:	1.44	-3	8
sd:	0.355	0.14	17.6

GAIN-LOSS MODEL (in blue):

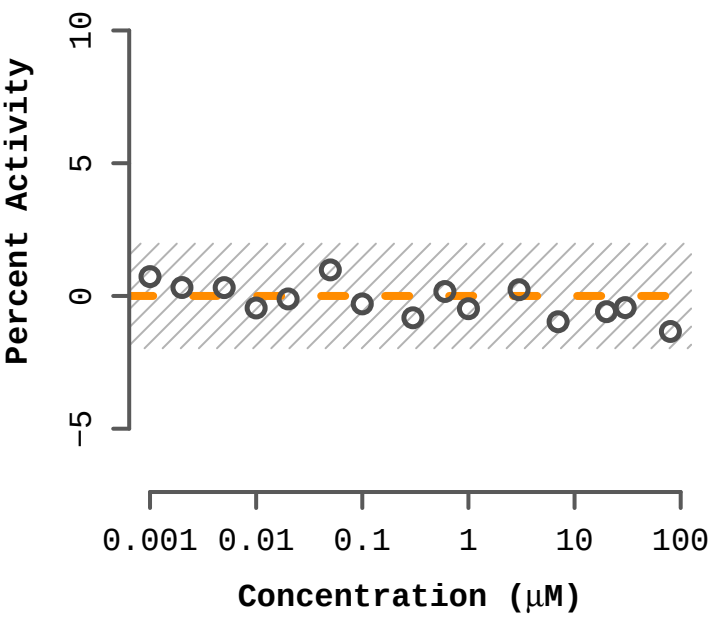
	tp	ga	gw	la	lw
val:	2.55	-2.95	8	-0.633	3.28
sd:	0.425	0.0661	7	0.147	14.1

	CNST	HILL	GNLS
AIC:	63.54	55.67	52.2
PROB:	0	0.15	0.85
RMSE:	1.78	1.08	0.99

MAX_MEAN: 3.28

MAX_MED: 3.28

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isobutyl isobutyrate

CHID: 26612 CASRN: 97-85-8

SPID(S): Tox21_201573

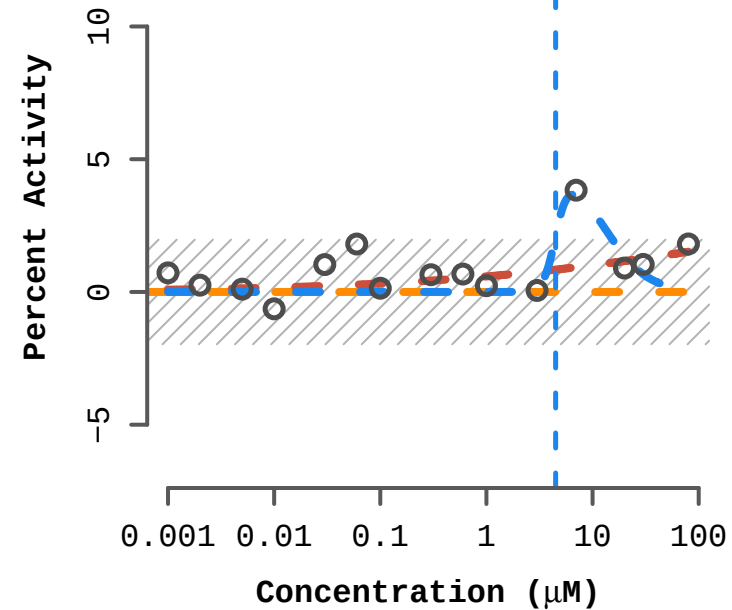
M4ID: 11454239

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.05	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA

MAX_MEAN: 0.983	MAX_MED: 0.983	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethylene glycol dimethacrylate

CHID: 26615 CASRN: 97-90-5

SPID(S): Tox21_201914

M4ID: 11453898

HILL MODEL (in red):

	tp	ga	gw
val:	3.66	2.4	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

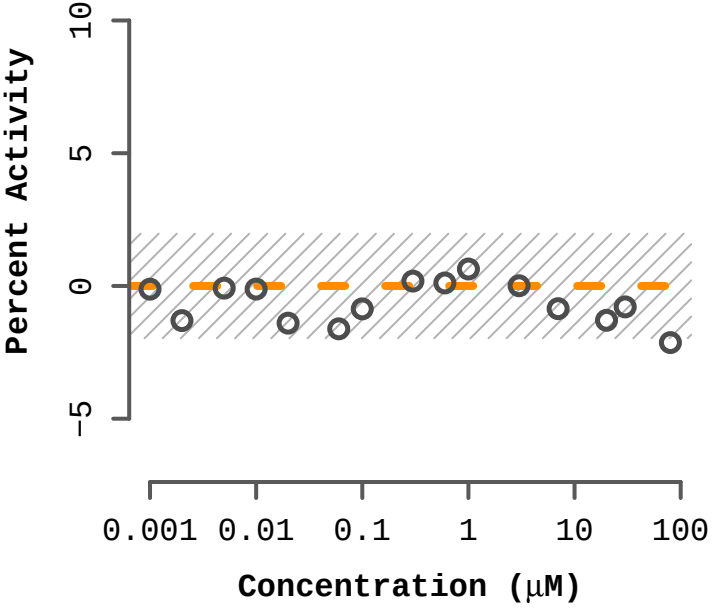
	tp	ga	gw	la	lw
val:	4.6	0.652	8	1.13	2.23
sd:	1.86	0.133	5.69	0.214	1.75

	CNST	HILL	GNLS
AIC:	50.62	44.5	47.65
PROB:	0.04	0.8	0.17
RMSE:	1.32	0.95	0.8

MAX_MEAN: 3.83

MAX_MED: 3.83

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-tert-Butylcyclohexanol

CHID: 26623 CASRN: 98-52-2

SPID(S): Tox21_201515

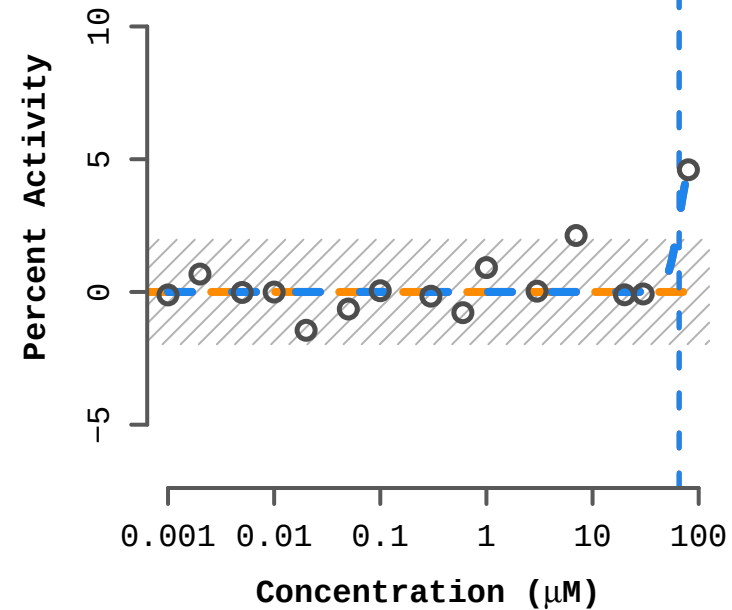
M4ID: 11454297

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.7	NA	NA
PROB:	1	NA	NA
RMSE:	1	NA	NA

MAX_MEAN: 0.639 MAX_MED: 0.639 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N-Dimethylcyclohexylamine

CHID: 26633 CASRN: 98-94-2

SPID(S): Tox21_201360

M4ID: 11454452

HILL MODEL (in red):

	tp	ga	gw
val:	5.52	1.82	8
sd:	5.99	0.235	17.3

GAIN-LOSS MODEL (in blue):

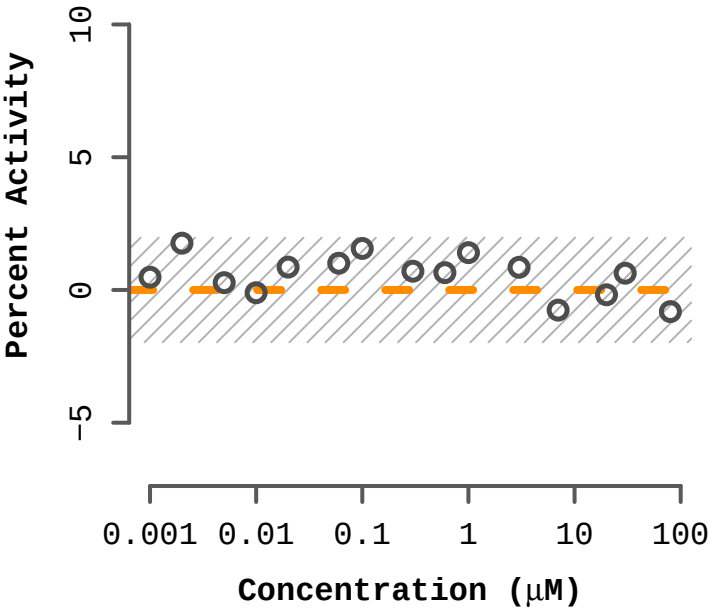
	tp	ga	gw	la	lw
val:	5.52	1.82	8	3.28	4.01
sd:	6.01	0.236	17.3	974	2840

	CNST	HILL	GNLS
AIC:	47.95	40.13	44.13
PROB:	0.02	0.87	0.12
RMSE:	1.42	0.77	0.77

MAX_MEAN: 4.6

MAX_MED: 4.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Diisopropylbenzene

CHID: 26640 **CASRN:** 99-62-7

SPID(S): Tox21_201318

M4ID: 11454494

HILL MODEL: Not applicable.

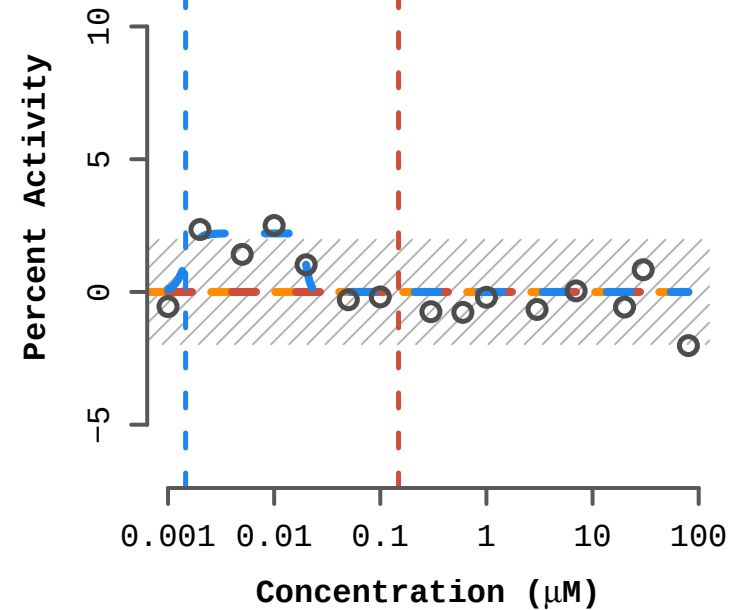
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.31	NA	NA
PROB:	1	NA	NA
RMSE:	0.93	NA	NA

MAX_MEAN: 1.76

MAX_MED: 1.76

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Benzenedicarbonyl dichloride

CHID: 26641 CASRN: 99-63-8

SPID(S): Tox21_201596

M4ID: 11454216

HILL MODEL (in red):

	tp	ga	gw
val:	1.18e-10	-0.828	1.6
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

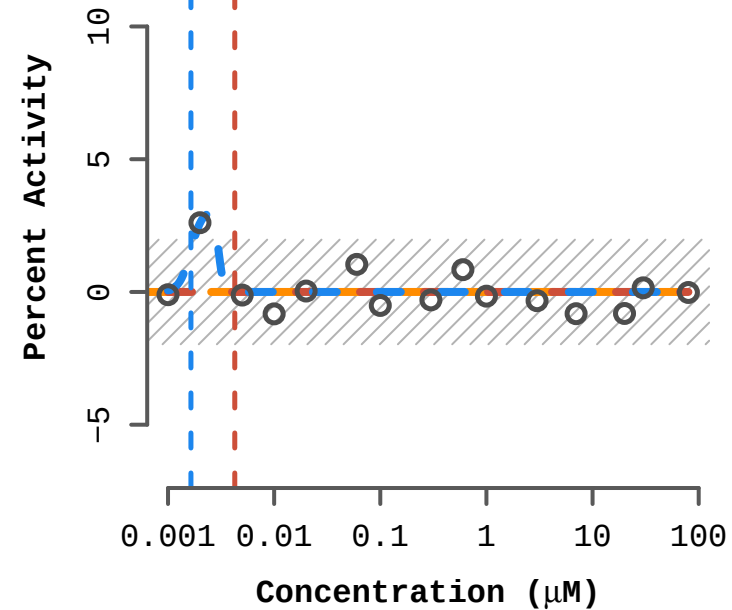
	tp	ga	gw	la	lw
val:	2.2	-2.83	8	-1.7	18
sd:	0.414	0.0892	4.76	0.0275	139

	CNST	HILL	GNLS
AIC:	50.81	56.81	44.67
PROB:	0.04	0	0.95
RMSE:	1.21	1.21	0.73

MAX_MEAN: 2.51

MAX_MED: 2.51

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: p-Cymene

CHID: 26645 CASRN: 99-87-6

SPID(S): Tox21_201932

M4ID: 11453880

HILL MODEL (in red):

	tp	ga	gw
val:	1.93e-13	-2.37	2.22
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

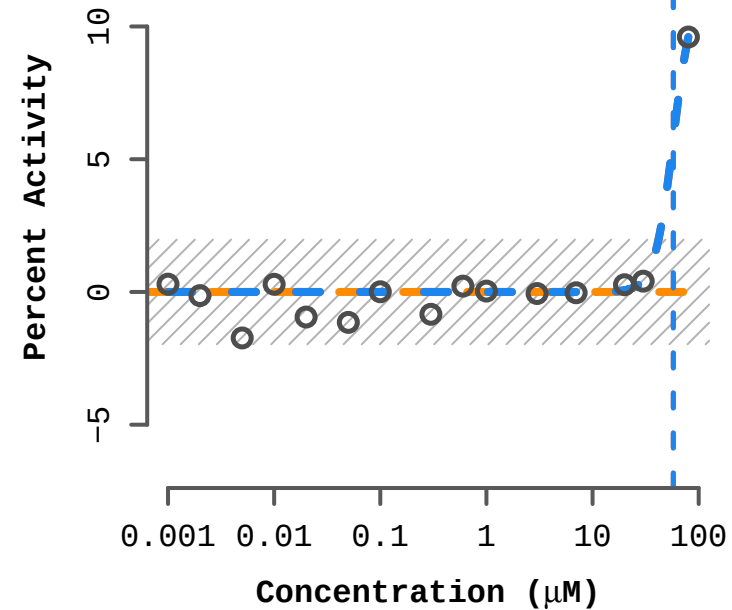
	tp	ga	gw	la	lw
val:	3.13	-2.78	8	-2.52	18
sd:	1.92	0.145	7.34	0.966	105

	CNST	HILL	GNLS
AIC:	37.05	43.05	36.93
PROB:	0.47	0.02	0.5
RMSE:	0.86	0.86	0.54

MAX_MEAN: 2.61

MAX_MED: 2.61

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Hydroxybenzoic acid

CHID: 26647 CASRN: 99-96-7

SPID(S): Tox21_202342

M4ID: 11453470

HILL MODEL (in red):

	tp	ga	gw
val:	11.5	1.76	4.9
sd:	3.38	0.105	2.08

GAIN-LOSS MODEL (in blue):

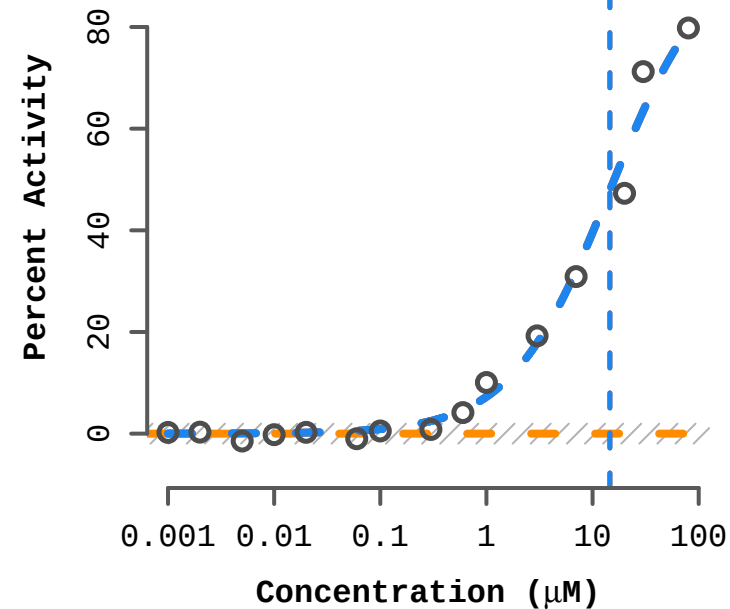
	tp	ga	gw	la	lw
val:	11.5	1.76	4.91	3.57	4.32
sd:	3.38	0.105	2.09	2470	6400

	CNST	HILL	GNLS
AIC:	51.81	34.43	38.43
PROB:	0	0.88	0.12
RMSE:	2.56	0.64	0.64

MAX_MEAN: 9.6

MAX_MED: 9.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,4-Diisopropylbenzene

CHID: 26652 CASRN: 100-18-5

SPID(S): Tox21_201380

M4ID: 11454432

HILL MODEL (in red):

	tp	ga	gw
val:	95.8	1.16	0.934
sd:	6.67	0.111	0.104

GAIN-LOSS MODEL (in blue):

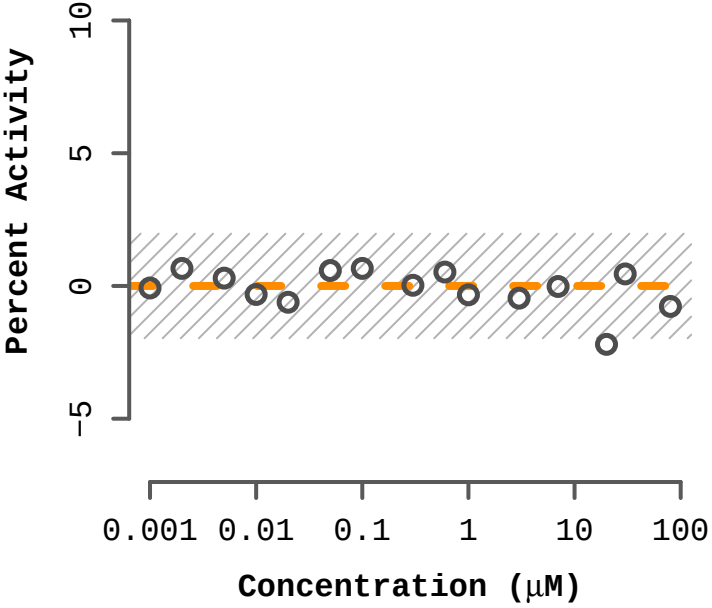
	tp	ga	gw	la	lw
val:	95.8	1.16	0.934	3.22	5.81
sd:	6.67	0.111	0.104	505	2210

	CNST	HILL	GNLS
AIC:	144.48	78.68	82.68
PROB:	0	0.88	0.12
RMSE:	31.76	3.04	3.04

MAX_MEAN: 79.8

MAX_MED: 79.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,4-Benzenedicarbonyl dichloride

CHID: 26653 **CASRN:** 100-20-9

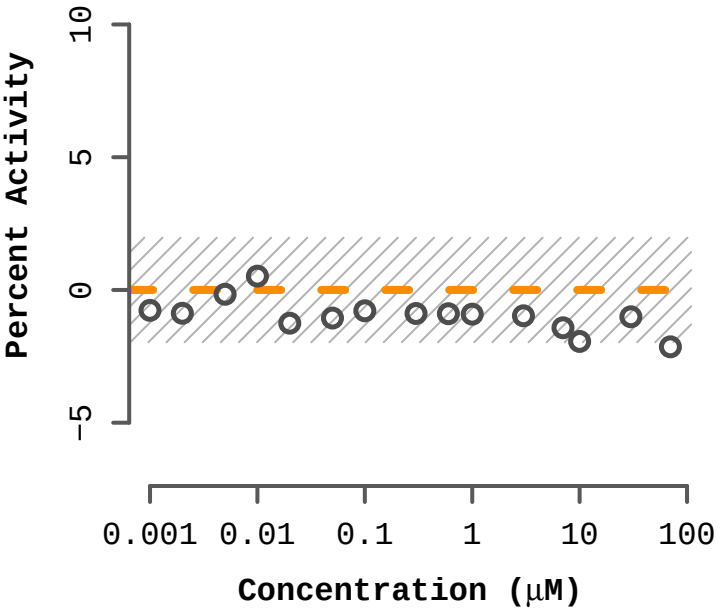
SPID(S): Tox21_201899

M4ID: 11453913

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33	NA	NA
PROB:	1	NA	NA
RMSE:	0.73	NA	NA
MAX_MEAN: 0.663		MAX_MED: 0.663	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Pyridinecarbonitrile

CHID: 26665 CASRN: 100-54-9

SPID(S): Tox21_201669

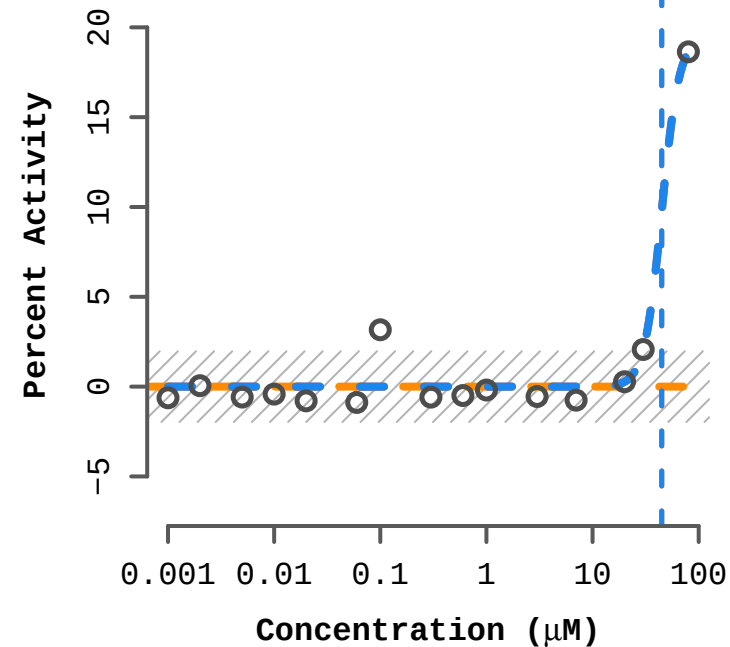
M4ID: 11454143

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51	NA	NA
PROB:	1	NA	NA
RMSE:	1.15	NA	NA

MAX_MEAN:	0.522	MAX_MED:	0.522	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Benzylideneoctanal

CHID: 26684 CASRN: 101-86-0

SPID(S): Tox21_202301

M4ID: 11453511

HILL MODEL (in red):

	tp	ga	gw
val:	19.5	1.65	5.3
sd:	1.89	0.0773	2.02

GAIN-LOSS MODEL (in blue):

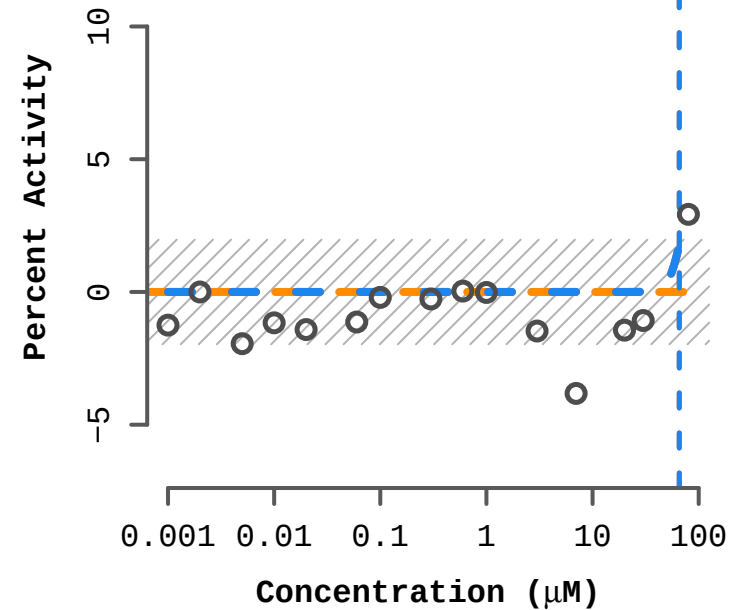
	tp	ga	gw	la	lw
val:	19.5	1.65	5.3	2.54	5.21
sd:	8.96	0.0788	2.19	123	805

	CNST	HILL	GNLS
AIC:	68.24	43.75	47.75
PROB:	0	0.88	0.12
RMSE:	4.94	0.96	0.96

MAX_MEAN: 18.6

MAX_MED: 18.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N,N',N'-Tetrakis(2-Hydroxypropyl)ethylenediamine

CHID: 26689 CASRN: 102-60-3

SPID(S): Tox21_201973

M4ID: 11453839

HILL MODEL (in red):

	tp	ga	gw
val:	3.51	1.82	8
sd:	7.69	0.6	16.2

GAIN-LOSS MODEL (in blue):

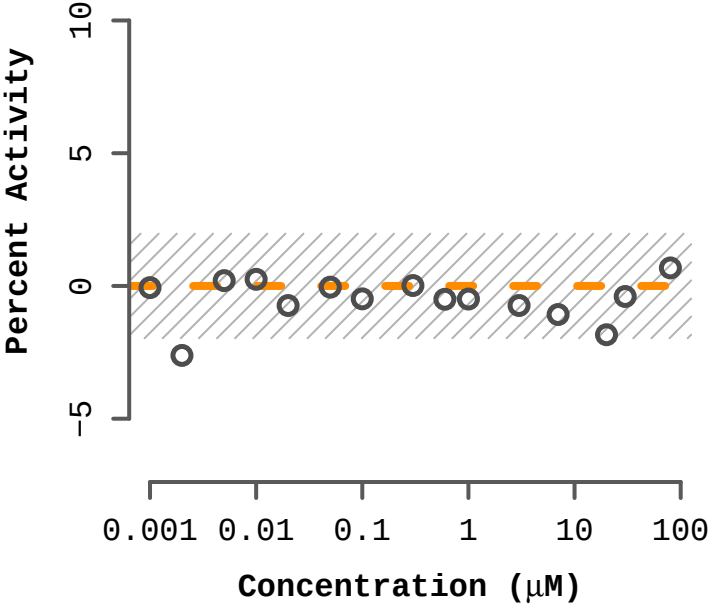
	tp	ga	gw	la	lw
val:	3.51	1.82	8	3.7	4.17
sd:	8	0.625	16.4	9300	21700

	CNST	HILL	GNLS
AIC:	59.06	60.47	64.47
PROB:	0.64	0.32	0.04
RMSE:	1.6	1.42	1.42

MAX_MEAN: 2.92

MAX_MED: 2.92

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triacetin

CHID: 26691 CASRN: 102-76-1

SPID(S): Tox21_201745

M4ID: 11454067

HILL MODEL: Not applicable.

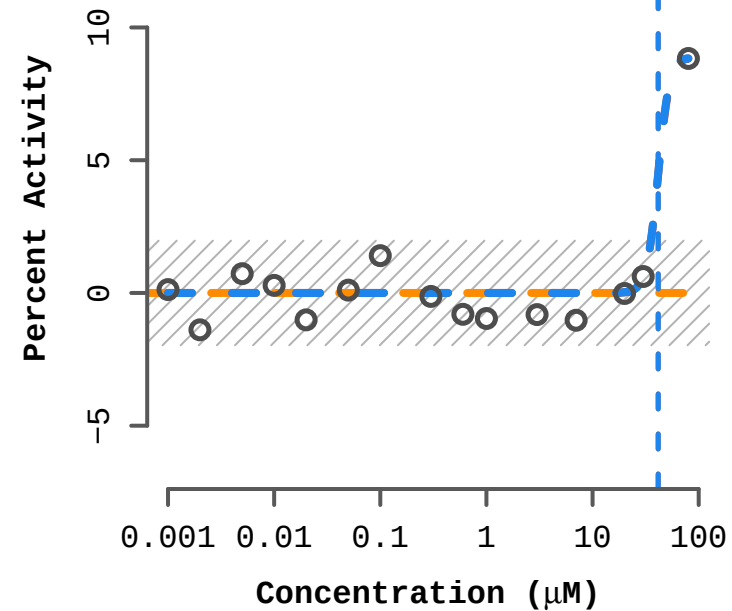
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.42	NA	NA
PROB:	1	NA	NA
RMSE:	0.96	NA	NA

MAX_MEAN: 0.681

MAX_MED: 0.681

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexyl acetate

CHID: 26694 CASRN: 103-09-3

SPID(S): Tox21_201992

M4ID: 11453820

HILL MODEL (in red):

	tp	ga	gw
val:	8.88	1.62	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

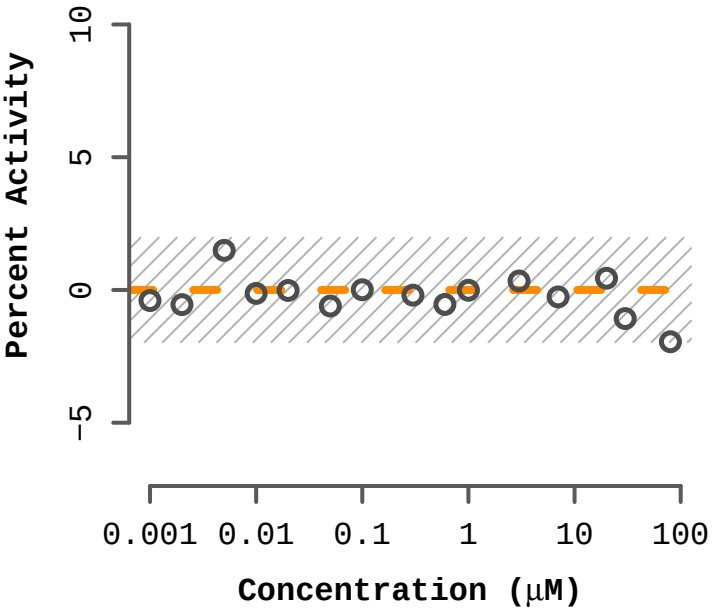
	tp	ga	gw	la	lw
val:	9.33	1.62	8	3.67	0.736
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	56.47	44.15	48.15
PROB:	0	0.88	0.12
RMSE:	2.41	0.77	0.77

MAX_MEAN: 8.83

MAX_MED: 8.83

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bis(2-ethylhexyl) nonanedioate

CHID: 26697 CASRN: 103-24-2

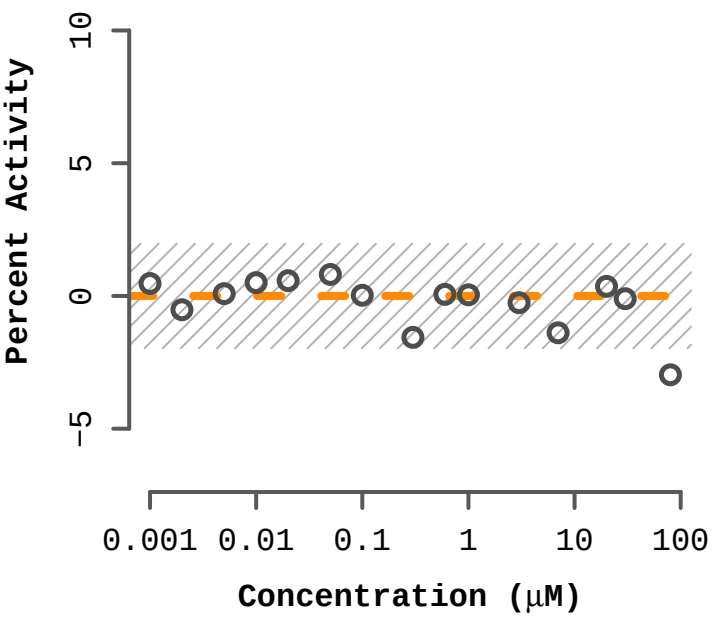
SPID(S): Tox21_201553

M4ID: 11454259

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	35.02	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.76	NA	NA	
MAX_MEAN:	1.49	MAX_MED:	1.49	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Dithiodimorpholine

CHID: 26698 CASRN: 103-34-4

SPID(S): Tox21_201775

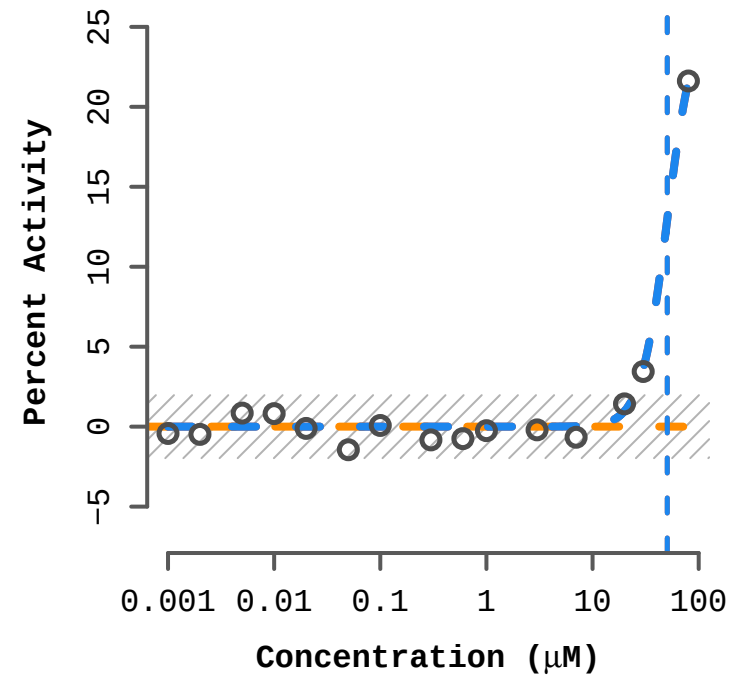
M4ID: 11454037

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.1	NA	NA
PROB:	1	NA	NA
RMSE:	1	NA	NA

MAX_MEAN: 0.812 MAX_MED: 0.812 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methylbenzenesulfonic acid

CHID: 26701 CASRN: 104-15-4

SPID(S): Tox21_202364

M4ID: 11453448

HILL MODEL (in red):

	tp	ga	gw
val:	25.9	1.7	3.49
sd:	2.35	0.0431	0.476

GAIN-LOSS MODEL (in blue):

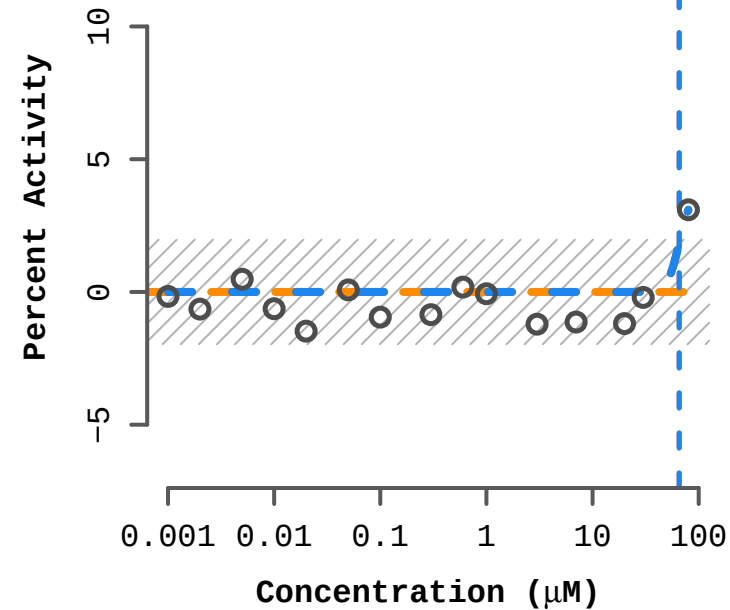
	tp	ga	gw	la	lw
val:	25.9	1.7	3.49	3.19	7.36
sd:	2.35	0.0432	0.477	5770	33100

	CNST	HILL	GNLS
AIC:	70.46	37.73	41.73
PROB:	0	0.88	0.12
RMSE:	5.7	0.63	0.63

MAX_MEAN: 21.6

MAX_MED: 21.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Diphenoxyethane

CHID: 26706 CASRN: 104-66-5

SPID(S): Tox21_201399

M4ID: 11454413

HILL MODEL (in red):

	tp	ga	gw
val:	3.72	1.82	8
sd:	10.4	0.808	17.9

GAIN-LOSS MODEL (in blue):

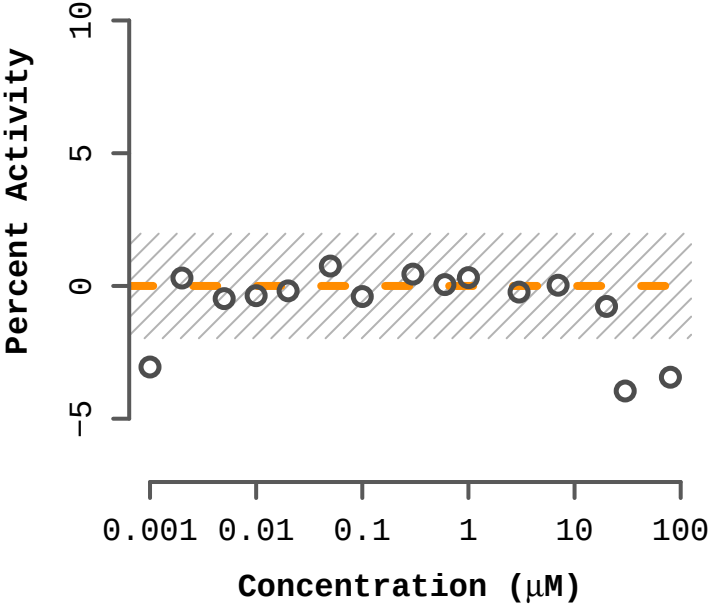
	tp	ga	gw	la	lw
val:	3.72	1.82	8	3.86	4.72
sd:	10.1	0.787	17.8	73000	176000

	CNST	HILL	GNLS
AIC:	46.93	44.67	48.67
PROB:	0.22	0.69	0.09
RMSE:	1.12	0.78	0.78

MAX_MEAN: 3.1

MAX_MED: 3.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 12-Hydroxyoctadecanoic acid

CHID: 26725 CASRN: 106-14-9

SPID(S): Tox21_201492

M4ID: 11454320

HILL MODEL: Not applicable.

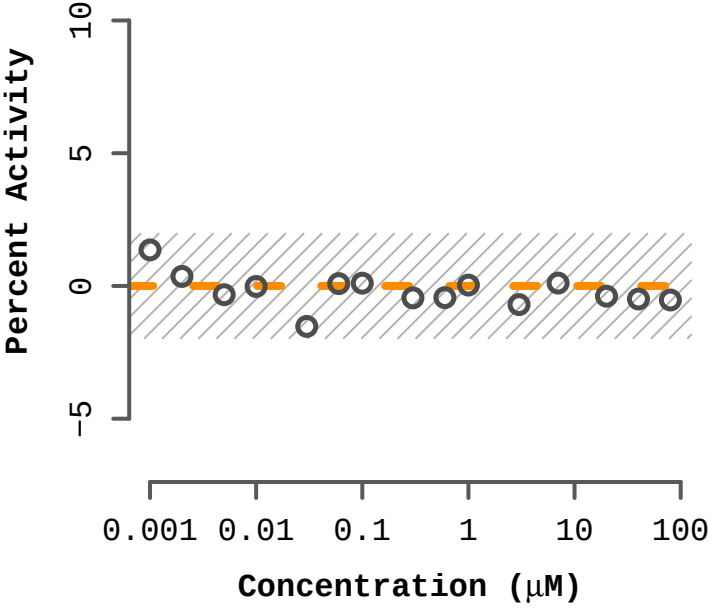
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	54.67	NA	NA
PROB:	1	NA	NA
RMSE:	1.61	NA	NA

MAX_MEAN: 0.751

MAX_MED: 0.751

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Citronellol

CHID: 26726 **CASRN:** 106-22-9

SPID(S): Tox21_202119

M4ID: 11453693

HILL MODEL: Not applicable.

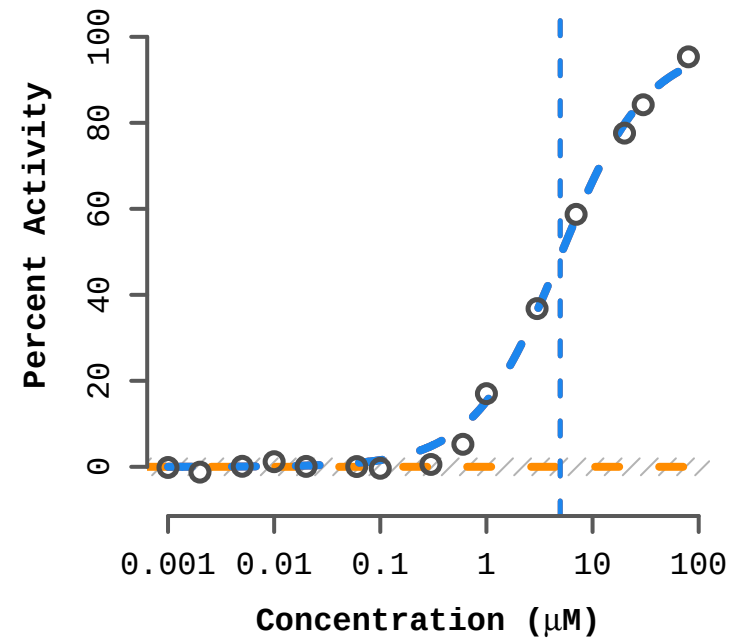
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.86	NA	NA
PROB:	1	NA	NA
RMSE:	0.63	NA	NA

MAX_MEAN: 1.36

MAX_MED: 1.36

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Geraniol

CHID: 26727 CASRN: 106-24-1

SPID(S): Tox21_202386

M4ID: 11453426

HILL MODEL (in red):

	tp	ga	gw
val:	98	0.695	1.06
sd:	4.39	0.0506	0.107

GAIN-LOSS MODEL (in blue):

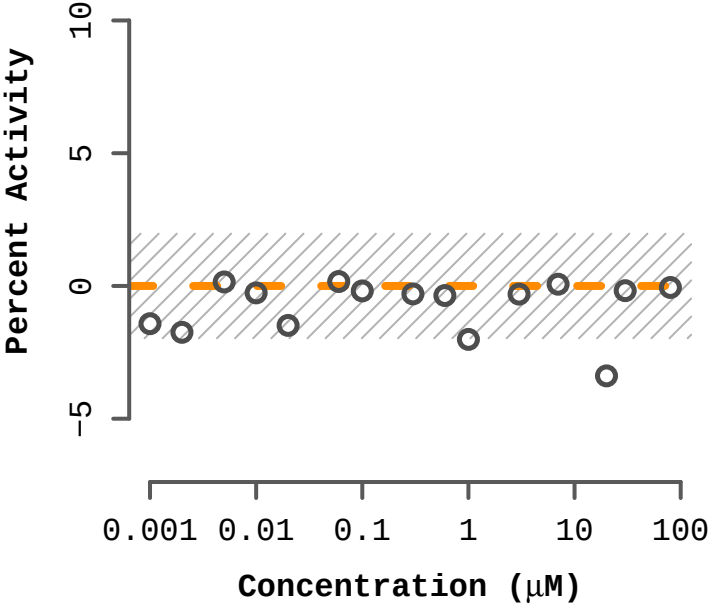
	tp	ga	gw	la	lw
val:	98	0.695	1.06	2.77	10.1
sd:	4.39	0.0506	0.107	382	4420

	CNST	HILL	GNLS
AIC:	155.5	71.06	75.06
PROB:	0	0.88	0.12
RMSE:	42.69	1.97	1.97

MAX_MEAN: 95.4

MAX_MED: 95.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (2Z)-3,7-Dimethylocta-2,6-dien-1-ol

CHID: 26728 CASRN: 106-25-2

SPID(S): Tox21_202029

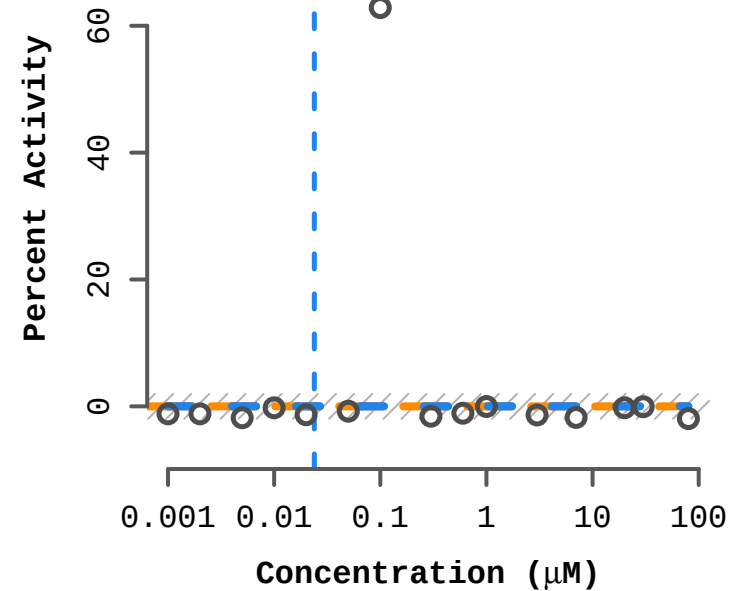
M4ID: 11453783

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.86	NA	NA
PROB:	1	NA	NA
RMSE:	1.25	NA	NA

MAX_MEAN: 0.168 MAX_MED: 0.168 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexamethyldisiloxane

CHID: 26769 CASRN: 107-46-0

SPID(S): Tox21_201713

M4ID: 11454099

HILL MODEL (in red):

	tp	ga	gw
val:	74.6	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

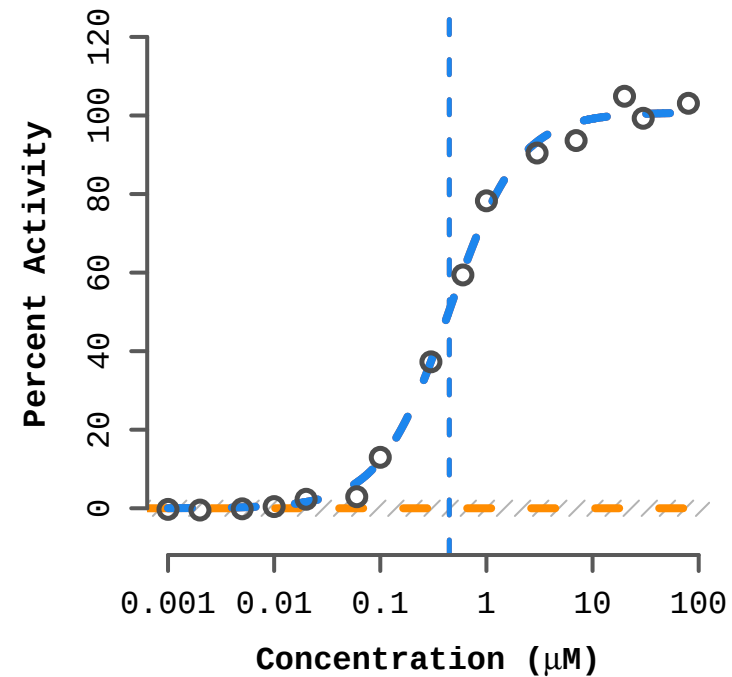
	tp	ga	gw	la	lw
val:	2.34e-09	-1.62	8	-1.35	14.5
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	84.12	90.13	94.12
PROB:	0.95	0.05	0.01
RMSE:	16.28	16.28	16.28

MAX_MEAN: 62.9

MAX_MED: 62.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Butanediol

CHID: 26773 CASRN: 107-88-0

SPID(S): Tox21_202408

M4ID: 11453404

HILL MODEL (in red):

	tp	ga	gw
val:	101	-0.35	1.33
sd:	1.75	0.0213	0.0934

GAIN-LOSS MODEL (in blue):

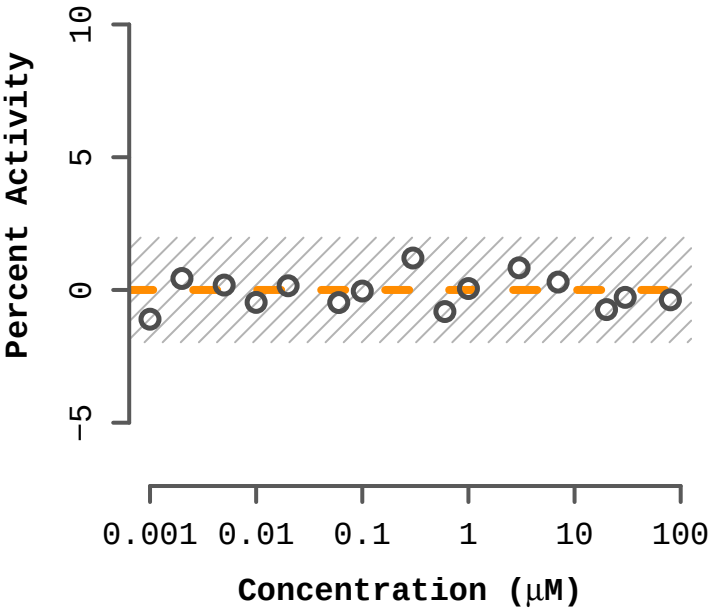
	tp	ga	gw	la	lw
val:	101	-0.35	1.33	3.9	5.67
sd:	1.75	0.0213	0.0934	16400	46400

	CNST	HILL	GNLS
AIC:	170.25	77.06	81.06
PROB:	0	0.88	0.12
RMSE:	63.08	2.38	2.38

MAX_MEAN: 105

MAX_MED: 105

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Imidodicarbonic diamide

CHID: 26783 CASRN: 108-19-0

SPID(S): Tox21_202163

M4ID: 11453649

HILL MODEL: Not applicable.

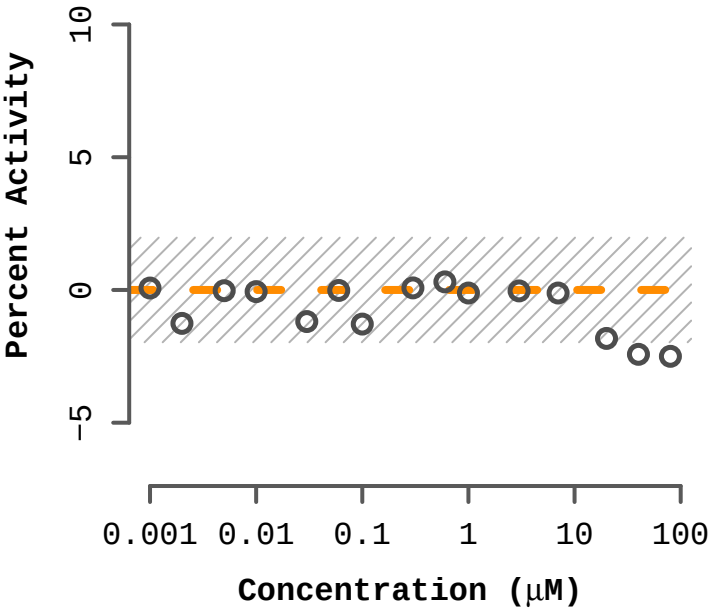
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.01	NA	NA
PROB:	1	NA	NA
RMSE:	0.61	NA	NA

MAX_MEAN: 1.2

MAX_MED: 1.2

BMAD: 0.657



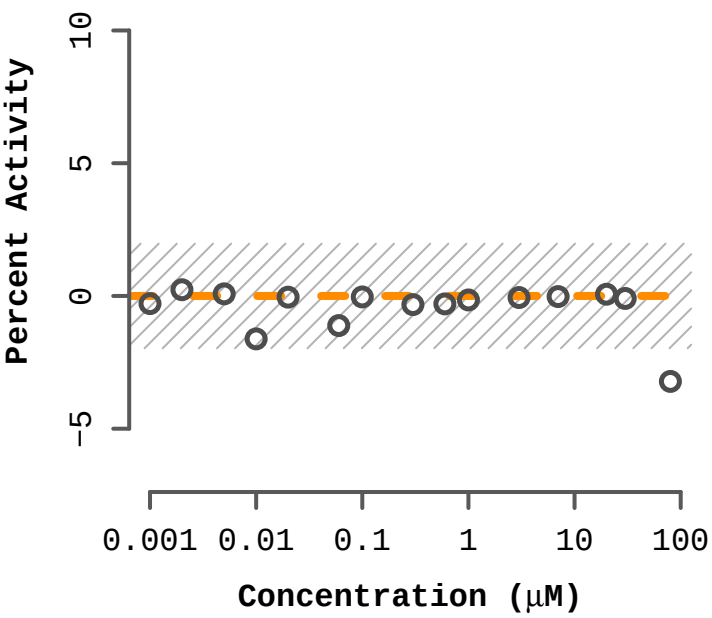
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Propylene carbonate
CHID: 26789 CASRN: 108-32-7
SPID(S): Tox21_202047
M4ID: 11453765

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.34	NA	NA
PROB:	1	NA	NA
RMSE:	1.16	NA	NA
MAX_MEAN:	0.306	MAX_MED: 0.306	BMAD: 0.657



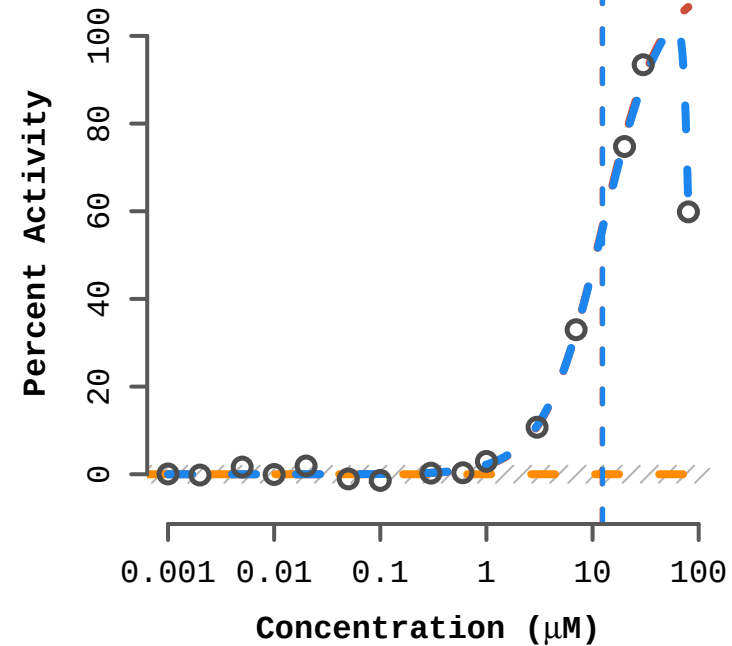
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Methylaniline
CHID: 26792 CASRN: 108-44-1
SPID(S): Tox21_201265
M4ID: 11454547

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.46	NA	NA
PROB:	1	NA	NA
RMSE:	0.99	NA	NA
MAX_MEAN:	0.236	MAX_MED: 0.236	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Methoxy-2-propyl acetate

CHID: 26796 CASRN: 108-65-6

SPID(S): Tox21_201436

M4ID: 11454376

HILL MODEL (in red):

	tp	ga	gw
val:	112	1.09	1.58
sd:	33.1	0.154	0.186

GAIN-LOSS MODEL (in blue):

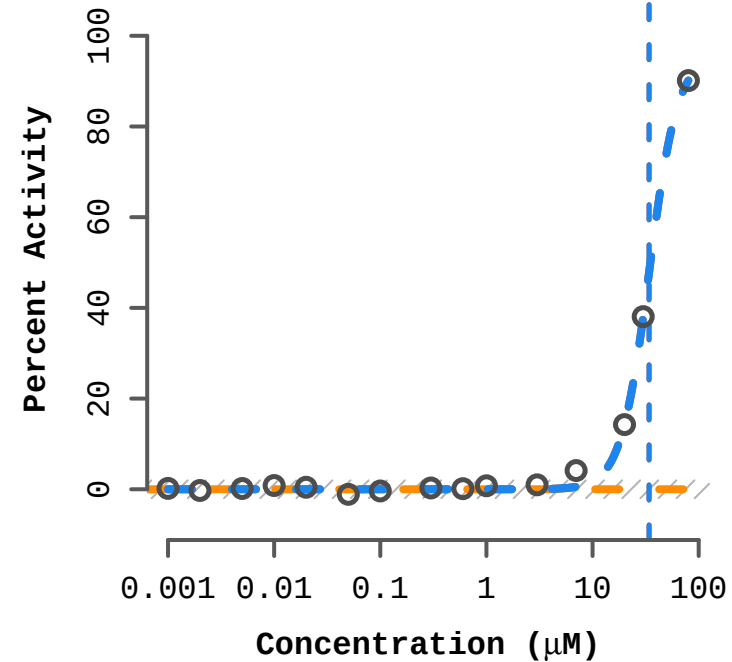
	tp	ga	gw	la	lw
val:	112	1.1	1.55	1.91	16.2
sd:	5.84	0.0299	0.0586	0.00432	6.41

	CNST	HILL	GNLS
AIC:	146.89	87.88	61.58
PROB:	0	0	1
RMSE:	35.71	12.14	1.39

MAX_MEAN: 93.4

MAX_MED: 93.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3,5-Trimethylbenzene

CHID: 26797 CASRN: 108-67-8

SPID(S): Tox21_201452

M4ID: 11454360

HILL MODEL (in red):

	tp	ga	gw
val:	95.7	1.53	3.26
sd:	0.574	0.00429	0.0587

GAIN-LOSS MODEL (in blue):

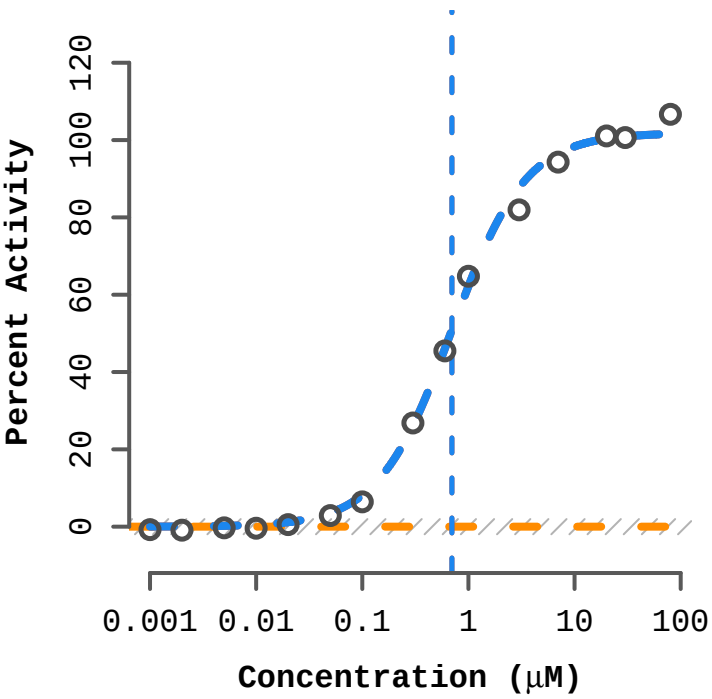
	tp	ga	gw	la	lw
val:	95.7	1.53	3.26	3.62	7.97
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	121.74	44.68	48.68
PROB:	0	0.88	0.12
RMSE:	25.56	1.06	1.06

MAX_MEAN: 90.1

MAX_MED: 90.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,6-Trichloro-s-triazine

CHID: 26799 CASRN: 108-77-0

SPID(S): Tox21_202449

M4ID: 11453363

HILL MODEL (in red):

	tp	ga	gw
val:	102	-0.155	1.26
sd:	1.29	0.0289	0.112

GAIN-LOSS MODEL (in blue):

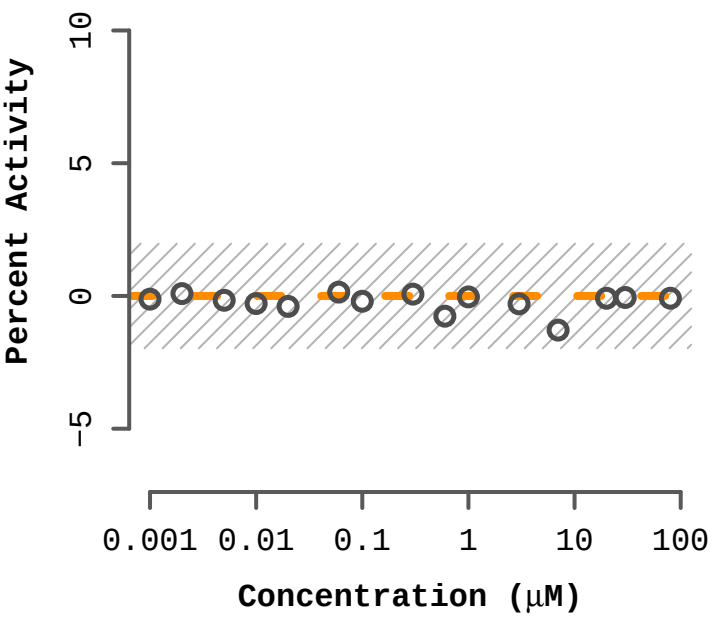
	tp	ga	gw	la	lw
val:	102	-0.155	1.26	3.9	17.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	168.42	73.12	77.12
PROB:	0	0.88	0.12
RMSE:	60.21	2.29	2.29

MAX_MEAN: 107

MAX_MED: 107

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzenethiol

CHID: 26811 **CASRN:** 108-98-5

SPID(S): Tox21_201577

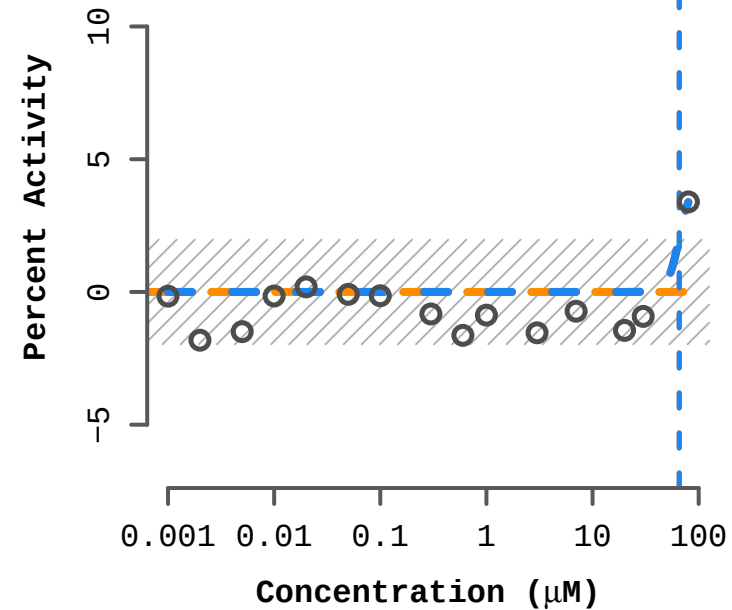
M4ID: 11454235

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	13.81	NA	NA
PROB:	1	NA	NA
RMSE:	0.42	NA	NA

MAX_MEAN: 0.147 **MAX_MED:** 0.147 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isobutyl acetate

CHID: 26837 CASRN: 110-19-0

SPID(S): Tox21_201735

M4ID: 11454077

HILL MODEL (in red):

	tp	ga	gw
val:	4.07	1.82	8
sd:	7.27	0.494	13.1

GAIN-LOSS MODEL (in blue):

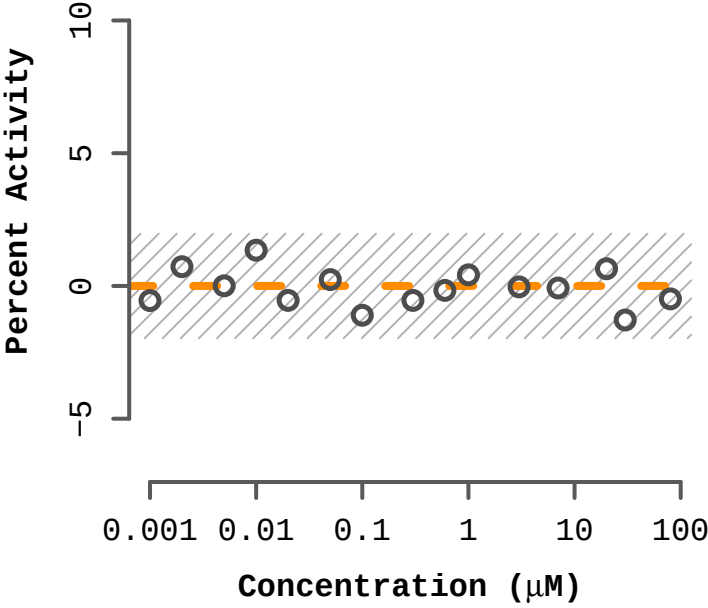
	tp	ga	gw	la	lw
val:	4.07	1.82	8	3.9	2.95
sd:	7.34	0.499	13.1	1440	2150

	CNST	HILL	GNLS
AIC:	53.67	52.73	56.73
PROB:	0.36	0.57	0.08
RMSE:	1.34	1.02	1.02

MAX_MEAN: 3.39

MAX_MED: 3.39

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isopropyl tetradecanoic acid

CHID: 26838 CASRN: 110-27-0

SPID(S): Tox21_202065

M4ID: 11453747

HILL MODEL: Not applicable.

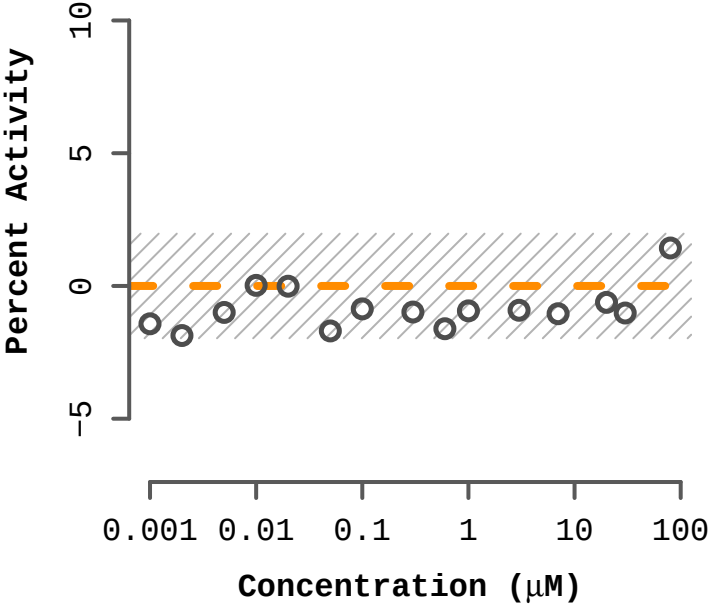
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.34	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA

MAX_MEAN: 1.35

MAX_MED: 1.35

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl decanoate

CHID: 26842 CASRN: 110-42-9

SPID(S): Tox21_201757

M4ID: 11454055

HILL MODEL: Not applicable.

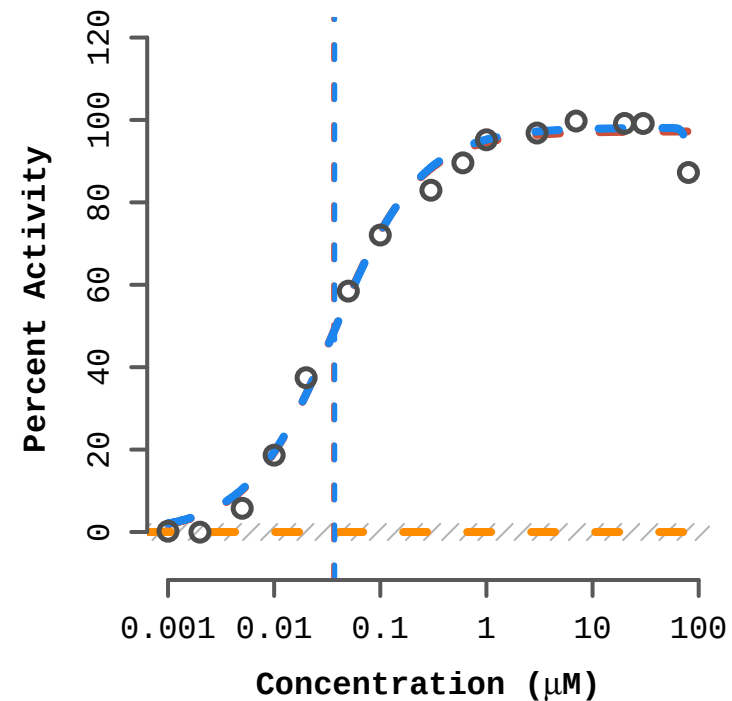
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51.52	NA	NA
PROB:	1	NA	NA
RMSE:	1.15	NA	NA

MAX_MEAN: 1.43

MAX_MED: 1.43

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Butene-1,4-diol

CHID: 26849 CASRN: 110-64-5

SPID(S): Tox21_202430

M4ID: 11453382

HILL MODEL (in red):

	tp	ga	gw
val:	97.2	-1.44	1.08
sd:	1.53	0.0365	0.0867

GAIN-LOSS MODEL (in blue):

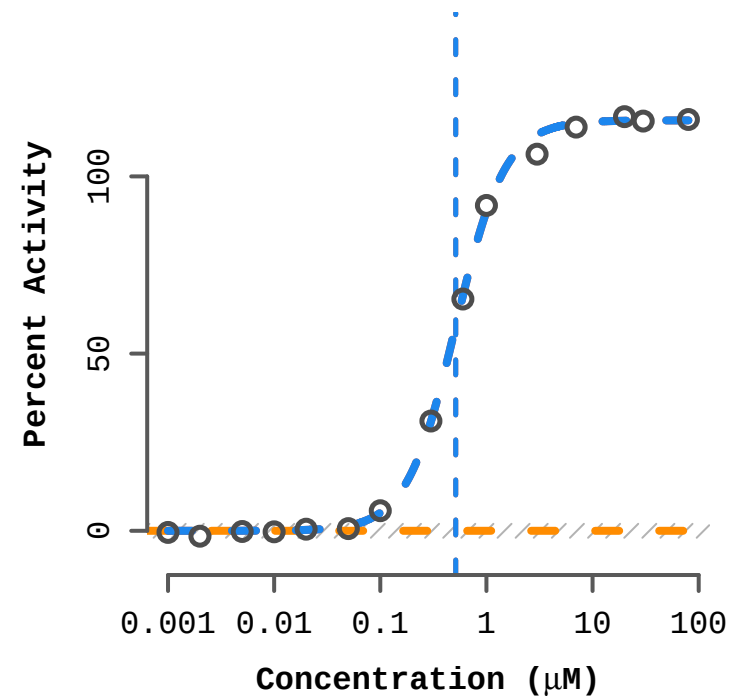
	tp	ga	gw	la	lw
val:	98.1	-1.43	1.06	1.95	17.8
sd:	1.12	0.0302	0.073	0.0077	2.07

	CNST	HILL	GNLS
AIC:	176.13	90.03	85.93
PROB:	0	0.11	0.89
RMSE:	73.47	3.76	2.76

MAX_MEAN: 99.7

MAX_MED: 99.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,1'-Oxybis-2-propanol
CHID: 26863 CASRN: 110-98-5
SPID(S): Tox21_201485
M4ID: 11454327

HILL MODEL (in red):

	tp	ga	gw
val:	116	-0.289	1.88
sd:	0.523	0.00776	0.0685

GAIN-LOSS MODEL (in blue):

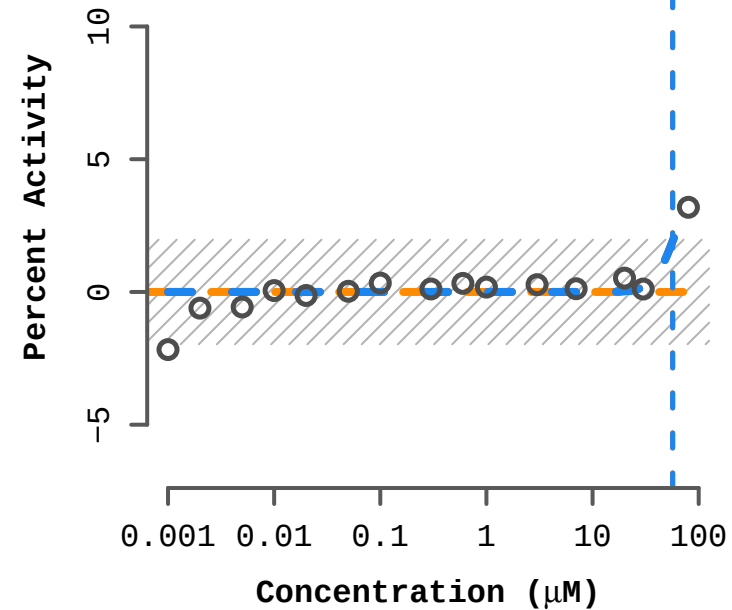
	tp	ga	gw	la	lw
val:	116	-0.289	1.88	3.87	15.2
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	174.22	58.4	62.4
PROB:	0	0.88	0.12
RMSE:	72.33	1.64	1.64

MAX_MEAN: 117

MAX_MED: 117

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl octanoate

CHID: 26864 CASRN: 111-11-5

SPID(S): Tox21_201470

M4ID: 11454342

HILL MODEL (in red):

	tp	ga	gw
val:	3.83	1.75	4.67
sd:	4.34	0.413	7.07

GAIN-LOSS MODEL (in blue):

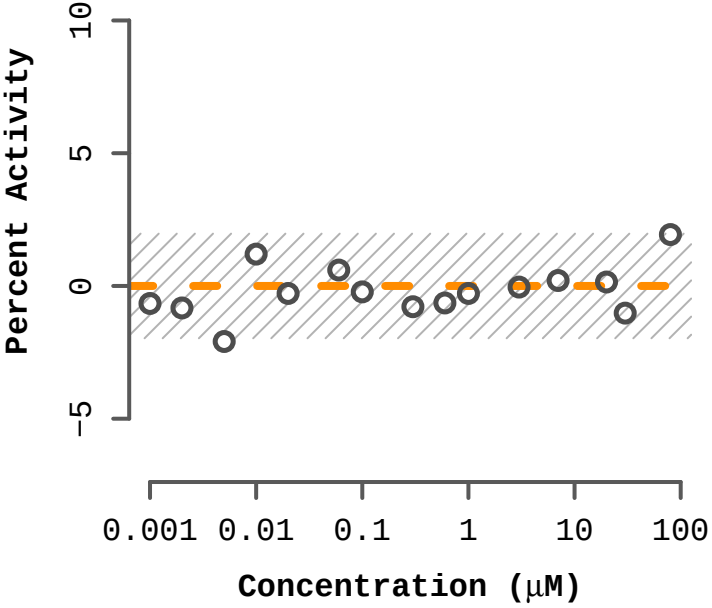
	tp	ga	gw	la	lw
val:	3.83	1.75	4.67	3.88	9.66
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	37.38	28.56	32.56
PROB:	0.01	0.87	0.12
RMSE:	1.04	0.63	0.63

MAX_MEAN: 3.19

MAX_MED: 3.19

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Decanedioic acid

CHID: 26867 **CASRN:** 111-20-6

SPID(S): Tox21_201778

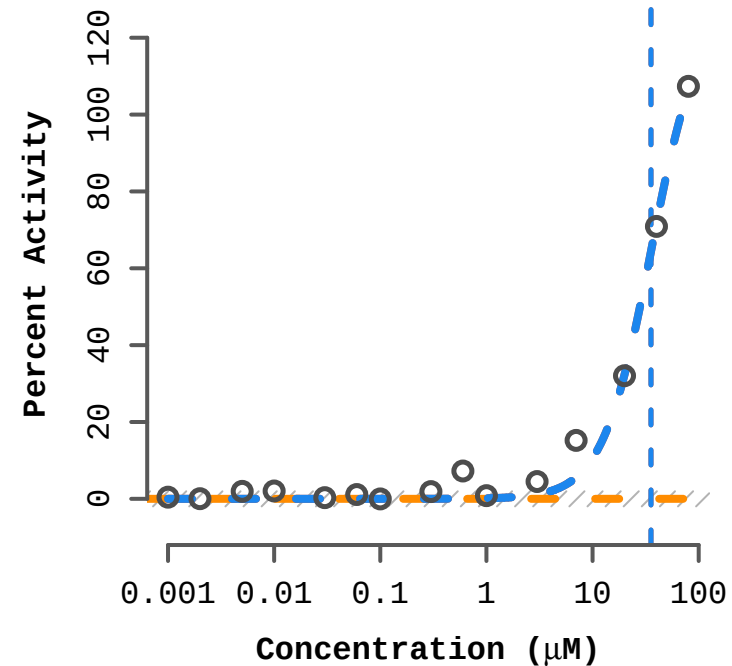
M4ID: 11454034

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.06	NA	NA
PROB:	1	NA	NA
RMSE:	0.94	NA	NA

MAX_MEAN:	1.94	MAX_MED:	1.94	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexamethylenimine

CHID: 26879 CASRN: 111-49-9

SPID(S): Tox21_201482

M4ID: 11454330

HILL MODEL (in red):

	tp	ga	gw
val:	129	1.55	1.9
sd:	5.43	0.0247	0.145

GAIN-LOSS MODEL (in blue):

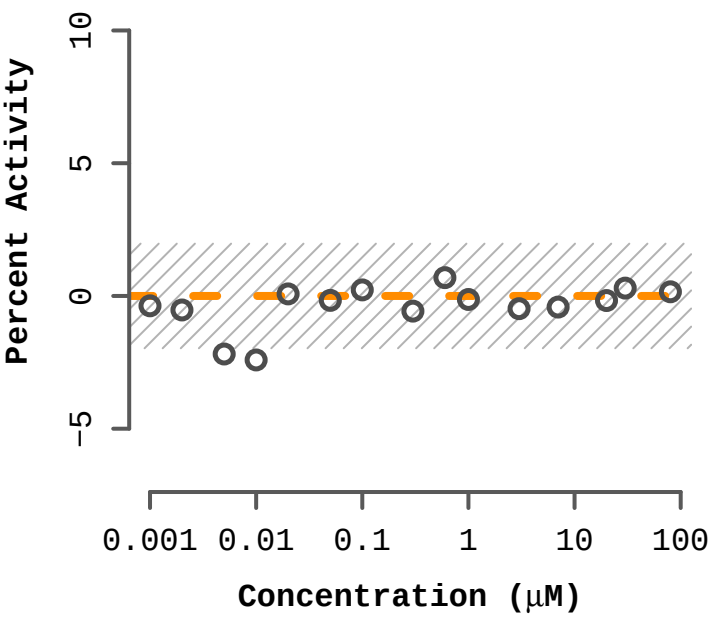
	tp	ga	gw	la	lw
val:	129	1.55	1.9	3.22	17.7
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	140.09	82.1	86.1
PROB:	0	0.88	0.12
RMSE:	34.54	3.38	3.38

MAX_MEAN: 107

MAX_MED: 107

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Ethanedio1 diacetate

CHID: 26880 CASRN: 111-55-7

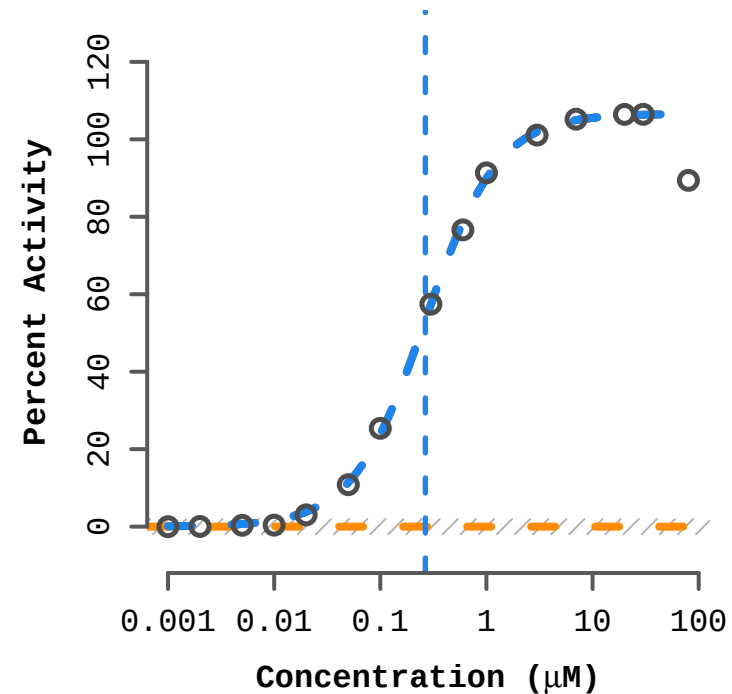
SPID(S): Tox21_202083

M4ID: 11453729

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.2	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA
MAX_MEAN:	0.691	MAX_MED: 0.691	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Octane

CHID: 26882 CASRN: 111-65-9

SPID(S): Tox21_202452

M4ID: 11453360

HILL MODEL (in red):

	tp	ga	gw
val:	107	-0.576	1.27
sd:	0.551	0.0113	0.0419

GAIN-LOSS MODEL (in blue):

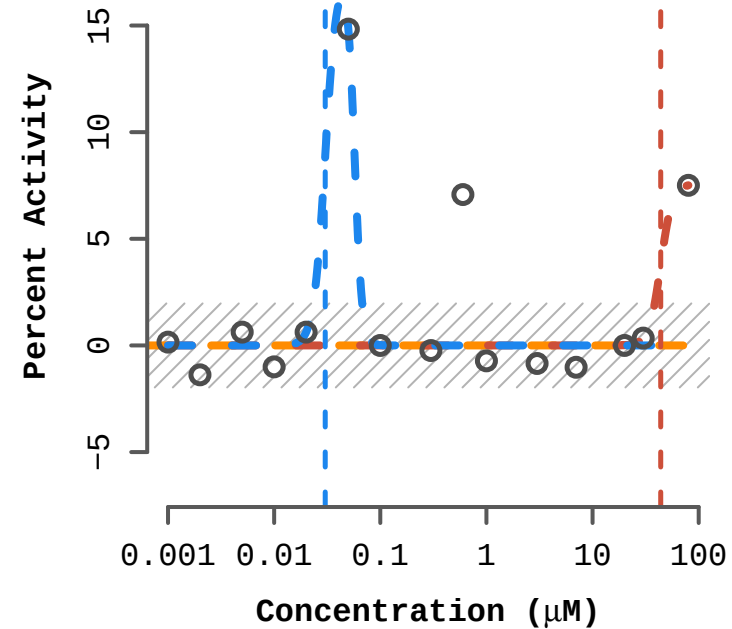
	tp	ga	gw	la	lw
val:	107	-0.576	1.27	3	14.5
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	173.09	70.67	74.67
PROB:	0	0.88	0.12
RMSE:	68.43	4.51	4.51

MAX_MEAN: 106

MAX_MED: 106

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methyl dodecanoate

CHID: 26889 CASRN: 111-82-0

SPID(S): Tox21_201488

M4ID: 11454324

HILL MODEL (in red):

	tp	ga	gw
val:	7.57	1.64	8
sd:	4.74	1.62	76.1

GAIN-LOSS MODEL (in blue):

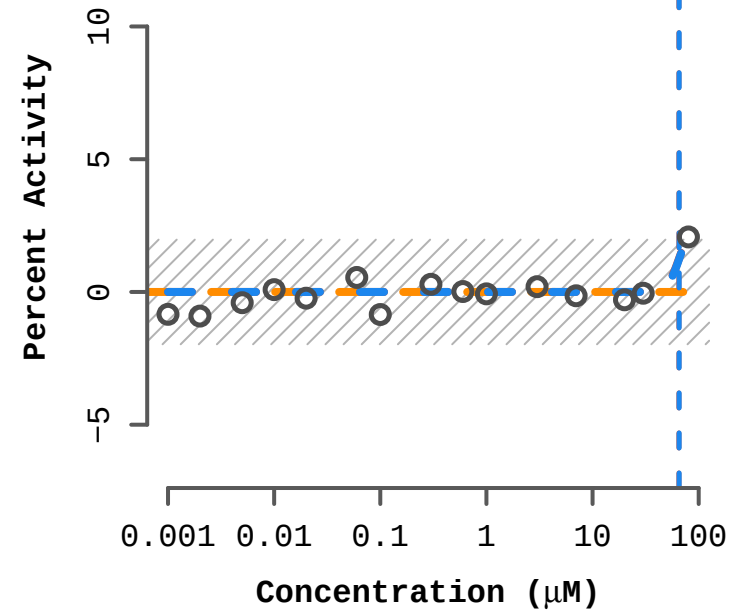
	tp	ga	gw	la	lw
val:	17.8	-1.52	8	-1.24	12.6
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	82.08	77.23	74.39
PROB:	0.02	0.19	0.79
RMSE:	4.71	4.29	2.74

MAX_MEAN: 14.8

MAX_MED: 14.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Octanethiol

CHID: 26894 CASRN: 111-88-6

SPID(S): Tox21_201799

M4ID: 11454013

HILL MODEL (in red):

	tp	ga	gw
val:	2.49	1.81	7.8
sd:	31.8	3.85	39.4

GAIN-LOSS MODEL (in blue):

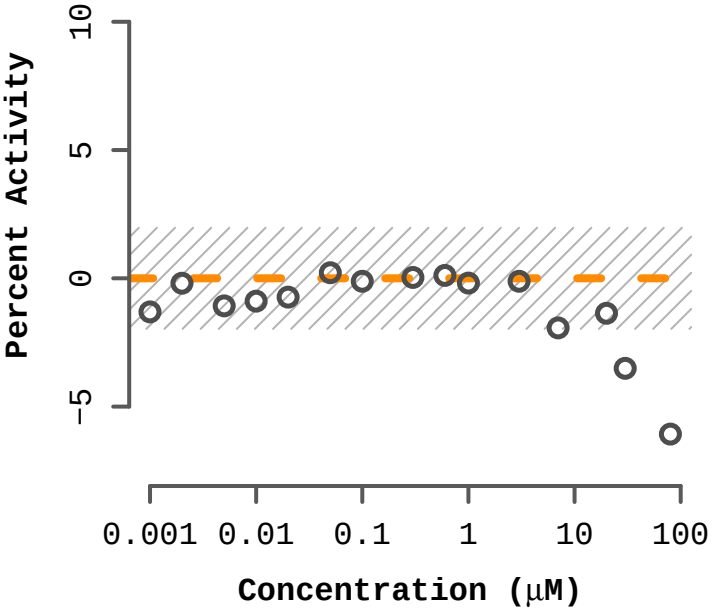
	tp	ga	gw	la	lw
val:	2.49	1.82	8	3.32	8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	30.77	26.56	30.56
PROB:	0.1	0.8	0.11
RMSE:	0.7	0.45	0.45

MAX_MEAN: 2.07

MAX_MED: 2.07

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dodecyltrimethylammonium chloride

CHID: 26900 **CASRN:** 112-00-5

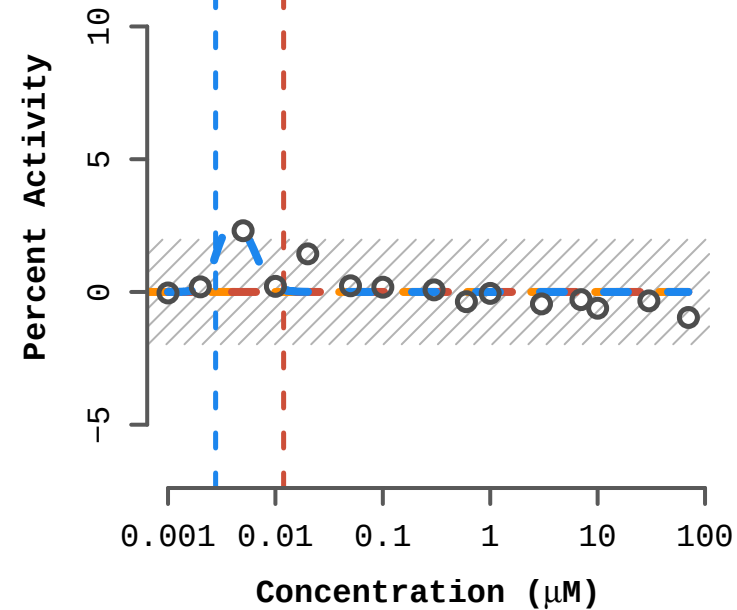
SPID(S): Tox21_202101

M4ID: 11453711

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	59.87	NA	NA
PROB:	1	NA	NA
RMSE:	1.98	NA	NA
MAX_MEAN:	0.219	MAX_MED:	0.219
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Butoxyethyl acetate

CHID: 26904 CASRN: 112-07-2

SPID(S): Tox21_201583

M4ID: 11454229

HILL MODEL (in red):

	tp	ga	gw
val:	3.45e-11	-1.92	1.98
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

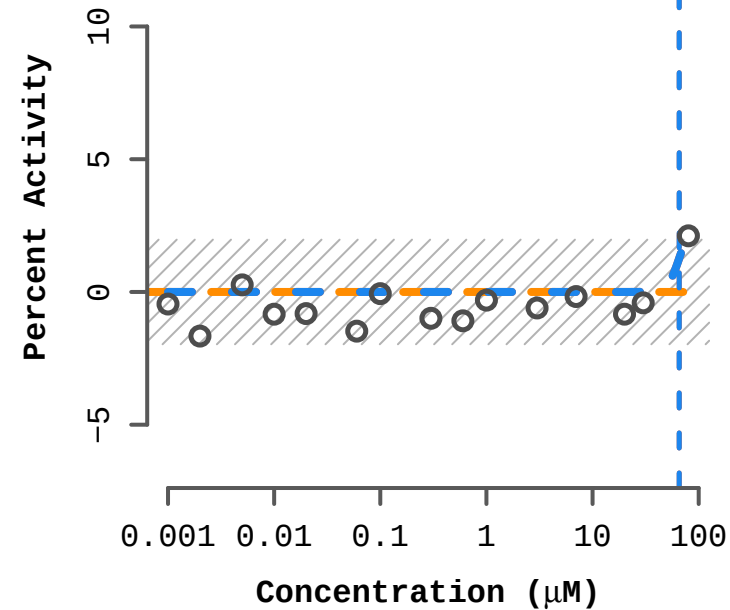
	tp	ga	gw	la	lw
val:	2.77	-2.56	7.9	-2.18	5.91
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	33.64	39.64	31.96
PROB:	0.3	0.01	0.69
RMSE:	0.79	0.79	0.51

MAX_MEAN: 2.31

MAX_MED: 2.31

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(Hexyloxy)ethanol

CHID: 26908 CASRN: 112-25-4

SPID(S): Tox21_202105

M4ID: 11453707

HILL MODEL (in red):

	tp	ga	gw
val:	2.54	1.82	8
sd:	6.24	0.684	18

GAIN-LOSS MODEL (in blue):

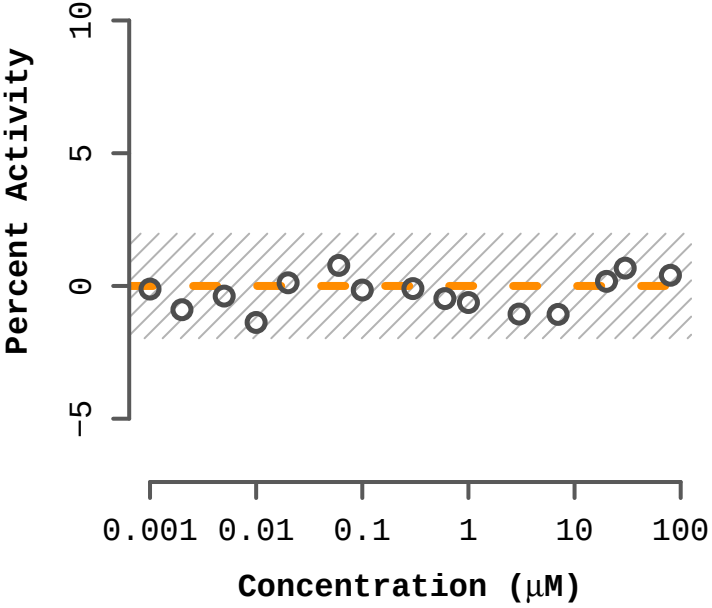
	tp	ga	gw	la	lw
val:	2.54	1.82	8	2.97	3.17
sd:	6.24	0.685	18	79.1	237

	CNST	HILL	GNLS
AIC:	45.3	46	50
PROB:	0.56	0.39	0.05
RMSE:	0.99	0.82	0.82

MAX_MEAN: 2.12

MAX_MED: 2.12

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-[2-(2-Methoxyethoxy)ethoxy]ethanol

CHID: 26912 **CASRN:** 112-35-6

SPID(S): Tox21_201820

M4ID: 11453992

HILL MODEL: Not applicable.

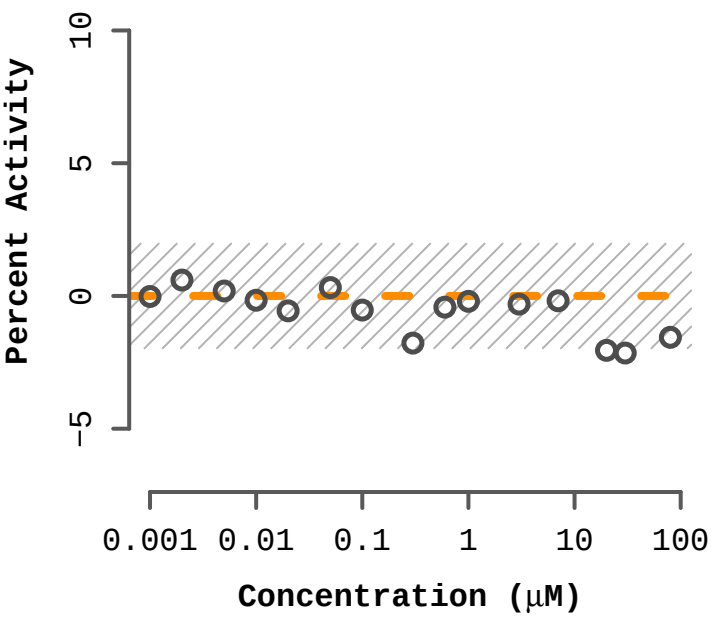
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.63	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA

MAX_MEAN: 0.775

MAX_MED: 0.775

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Dodecene

CHID: 26914 **CASRN:** 112-41-4

SPID(S): Tox21_201382

M4ID: 11454430

HILL MODEL: Not applicable.

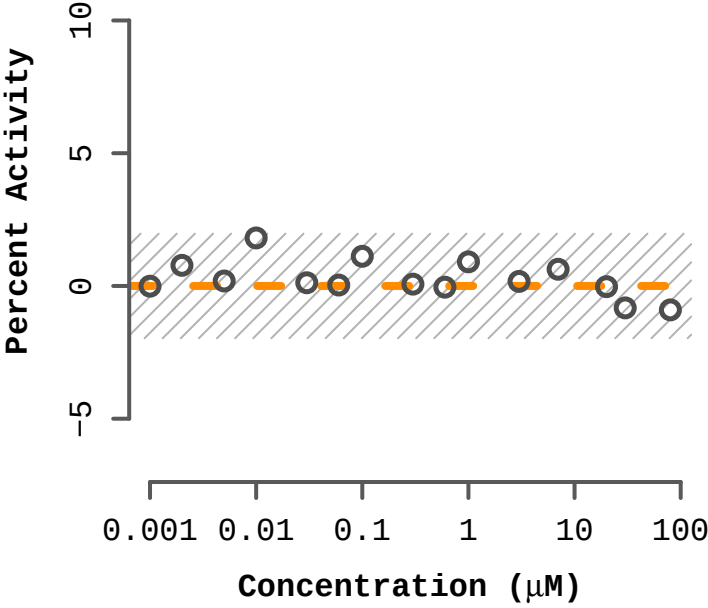
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.74	NA	NA
PROB:	1	NA	NA
RMSE:	1.03	NA	NA

MAX_MEAN: 0.6

MAX_MED: 0.6

BMAD: 0.657



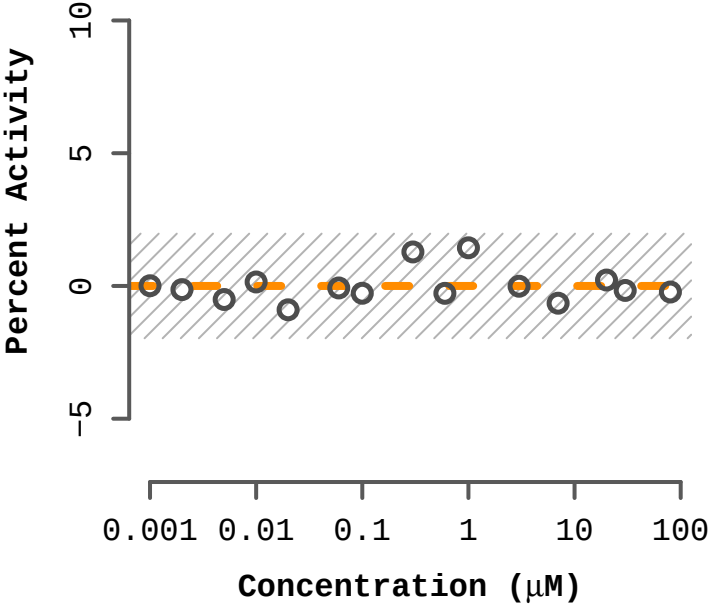
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Undecanol
CHID: 26915 **CASRN:** 112-42-5
SPID(S): Tox21_201585
M4ID: 11454227

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.79	NA	NA
PROB:	1	NA	NA
RMSE:	0.73	NA	NA
MAX_MEAN:	1.81	MAX_MED:	1.81
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Dodecanol

CHID: 26918 CASRN: 112-53-8

SPID(S): Tox21_202124

M4ID: 11453688

HILL MODEL: Not applicable.

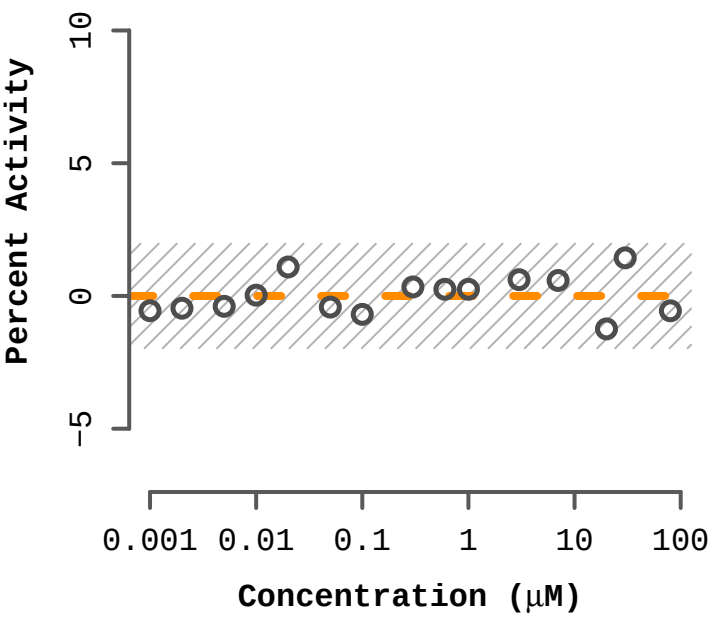
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.2	NA	NA
PROB:	1	NA	NA
RMSE:	0.61	NA	NA

MAX_MEAN: 1.44

MAX_MED: 1.44

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-[2-(Hexyloxy)ethoxy]ethanol

CHID: 26921 CASRN: 112-59-4

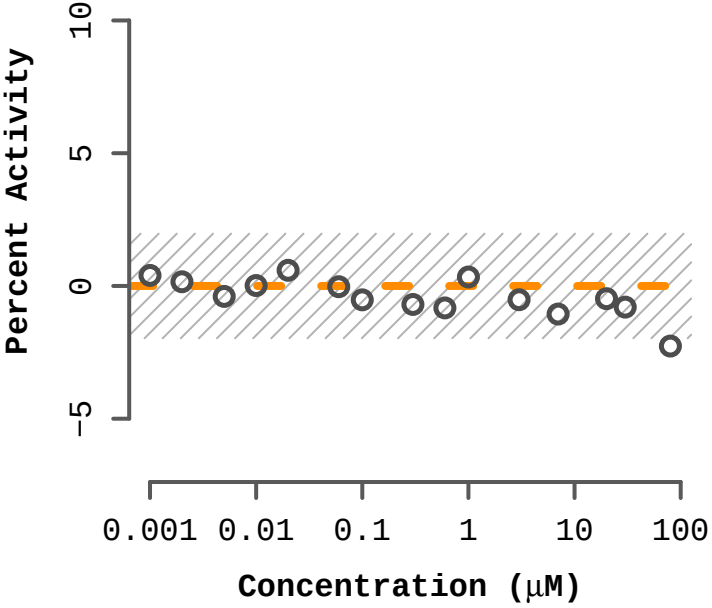
SPID(S): Tox21_202146

M4ID: 11453666

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.39	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA
MAX_MEAN: 1.44		MAX_MED: 1.44	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

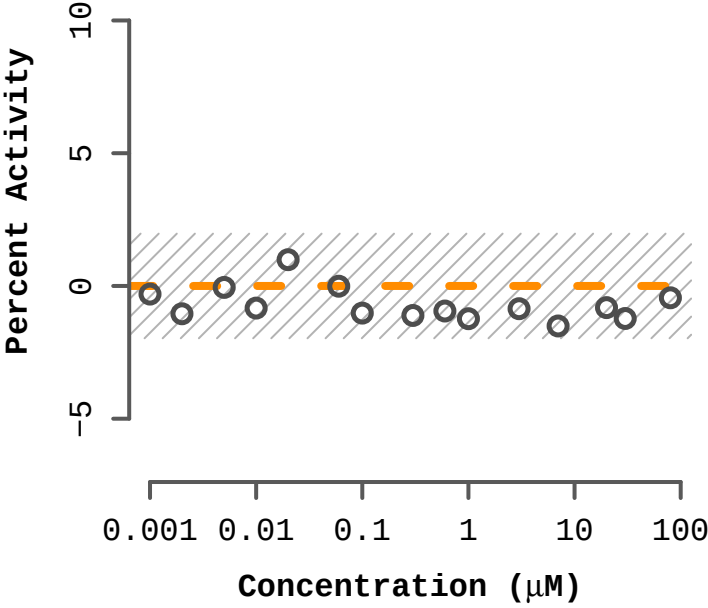
NAME: Tetraethylene glycol
CHID: 26922 CASRN: 112-60-7
SPID(S): Tox21_201629
M4ID: 11454183

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.81	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA

MAX_MEAN: 0.591 MAX_MED: 0.591 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Tetradecanol

CHID: 26926 CASRN: 112-72-1

SPID(S): Tox21_201842

M4ID: 11453970

HILL MODEL: Not applicable.

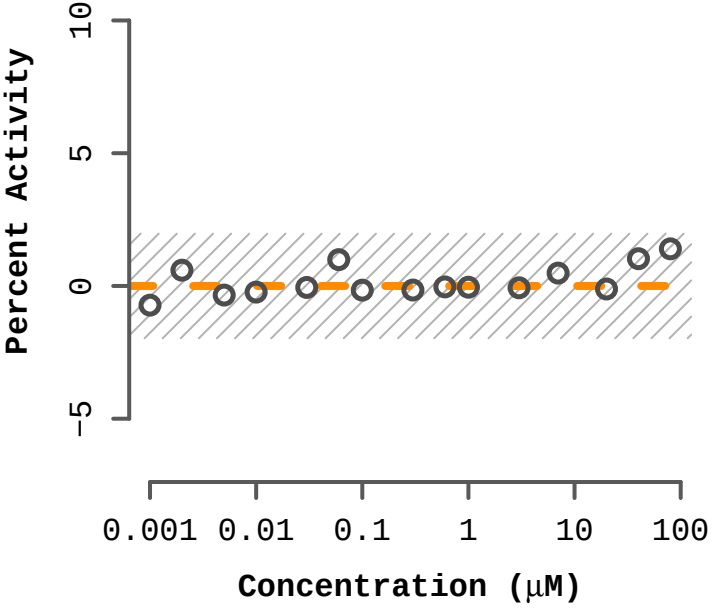
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.08	NA	NA
PROB:	1	NA	NA
RMSE:	0.93	NA	NA

MAX_MEAN: 0.991

MAX_MED: 0.991

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

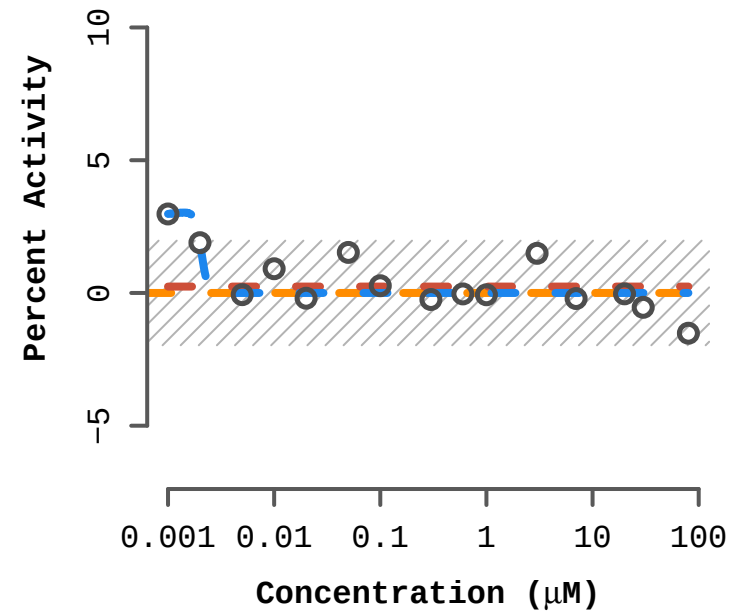
NAME: Pentaerythritol
CHID: 26943 CASRN: 115-77-5
SPID(S): Tox21_201921
M4ID: 11453891

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.77	NA	NA
PROB:	1	NA	NA
RMSE:	0.6	NA	NA

MAX_MEAN: 1.4	MAX_MED: 1.4	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Linalyl acetate

CHID: 26946 CASRN: 115-95-7

SPID(S): Tox21_201306

M4ID: 11454506

HILL MODEL (in red):

	tp	ga	gw
val:	0.24	-4.42	6.71
sd:	0.27	21800	103000

GAIN-LOSS MODEL (in blue):

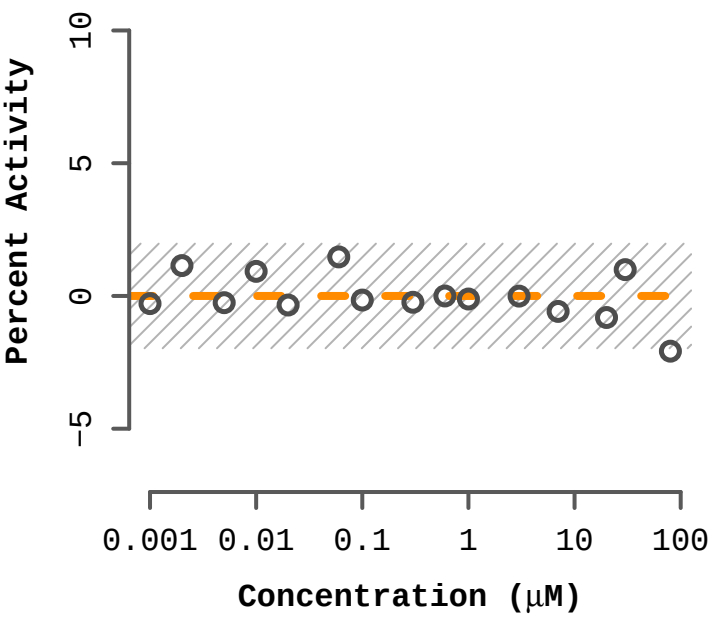
	tp	ga	gw	la	lw
val:	3.56	-4.87	0.38	-2.69	14.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	48.48	53.64	43.91
PROB:	0.09	0.01	0.9
RMSE:	1.17	1.11	0.74

MAX_MEAN: 2.98

MAX_MED: 2.98

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2H-3,1-Benzoxazine-2,4(1H)-dione

CHID: 26955 CASRN: 118-48-9

SPID(S): Tox21_201325

M4ID: 11454487

HILL MODEL: Not applicable.

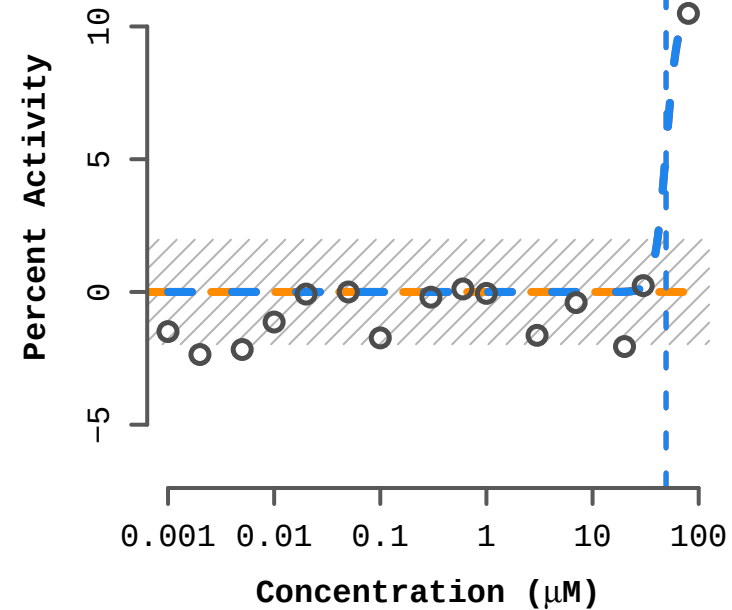
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.76	NA	NA
PROB:	1	NA	NA
RMSE:	0.86	NA	NA

MAX_MEAN: 1.47

MAX_MED: 1.47

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethylene glycol dibenzoate

CHID: 26967 CASRN: 120-55-8

SPID(S): Tox21_201732

M4ID: 11454080

HILL MODEL (in red):

	tp	ga	gw
val:	10.7	1.69	8
sd:	6.8	0.962	28.3

GAIN-LOSS MODEL (in blue):

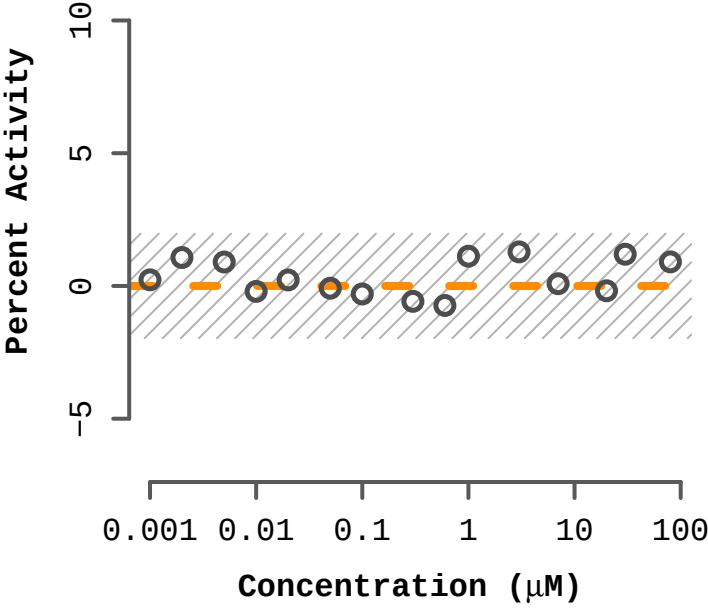
	tp	ga	gw	la	lw
val:	10.8	1.69	8	2.02	16.7
sd:	6.65	0.958	28.1	0.0117	18.2

	CNST	HILL	GNLS
AIC:	67.51	58.48	62.48
PROB:	0.01	0.87	0.12
RMSE:	2.99	1.26	1.26

MAX_MEAN: 10.5

MAX_MED: 10.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Bis(2-methylbutan-2-yl)phenol

CHID: 26974 CASRN: 120-95-6

SPID(S): Tox21_202168

M4ID: 11453644

HILL MODEL: Not applicable.

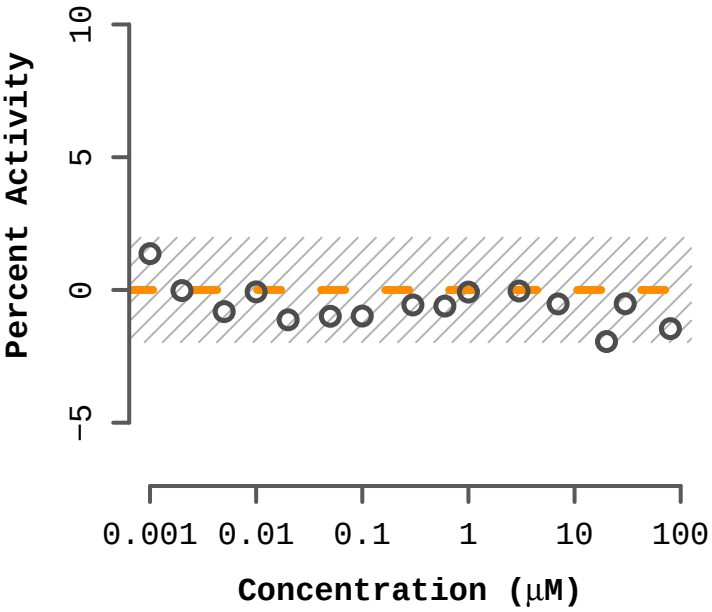
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.42	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 1.28

MAX_MED: 1.28

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Methyl-5-nitrobenzenesulfonic acid

CHID: 26975 CASRN: 121-03-9

SPID(S): Tox21_202190

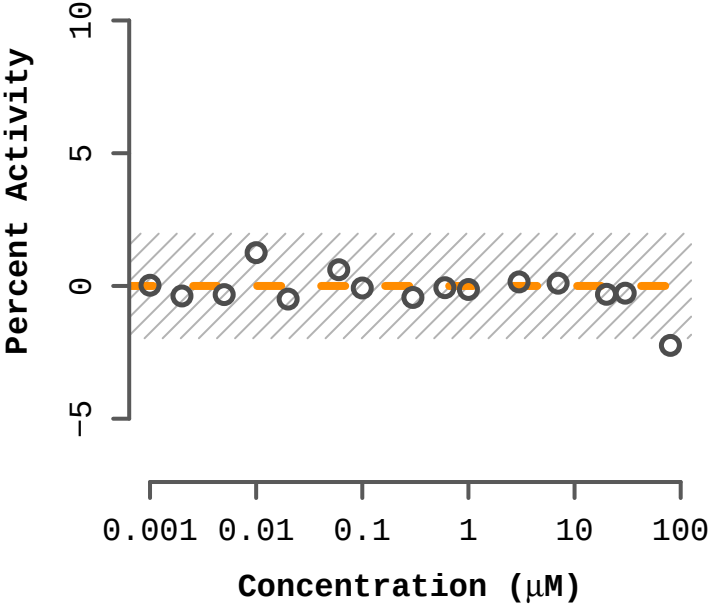
M4ID: 11453622

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.69	NA	NA
PROB:	1	NA	NA
RMSE:	0.93	NA	NA

MAX_MEAN:	1.37	MAX_MED:	1.37	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

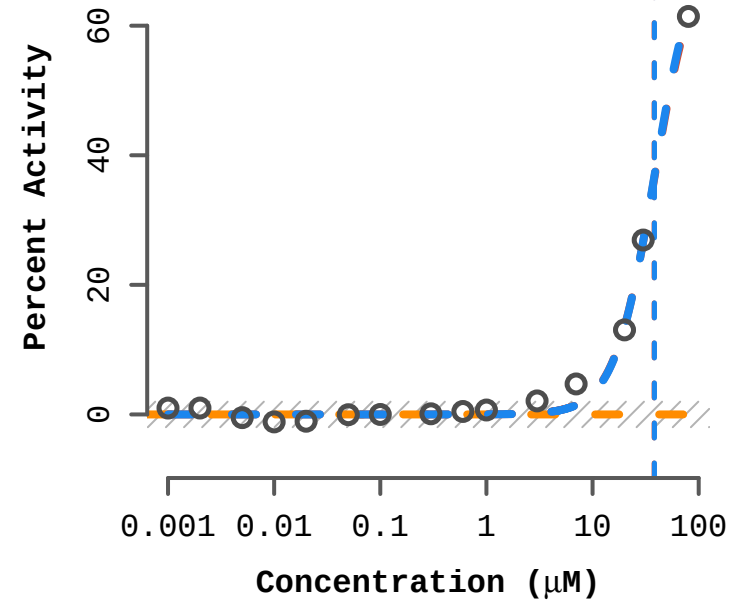
NAME: Triethyl phosphite
CHID: 26991 CASRN: 122-52-1
SPID(S): Tox21_201603
M4ID: 11454209

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.7	NA	NA
PROB:	1	NA	NA
RMSE:	0.72	NA	NA

MAX_MEAN:	1.26	MAX_MED:	1.26	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dodecylbenzene

CHID: 26994 CASRN: 123-01-3

SPID(S): Tox21_201344

M4ID: 11454468

HILL MODEL (in red):

	tp	ga	gw
val:	72.6	1.58	2.3
sd:	1.4	0.0119	0.0908

GAIN-LOSS MODEL (in blue):

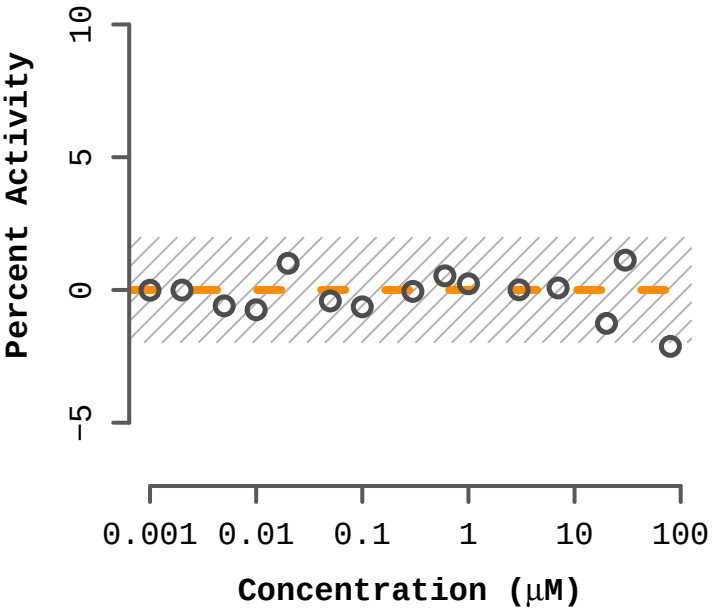
	tp	ga	gw	la	lw
val:	73.7	1.58	2.31	2	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	114.75	52.54	56.47
PROB:	0	0.88	0.12
RMSE:	17.7	1.14	1.15

MAX_MEAN: 61.4

MAX_MED: 61.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methoxybenzaldehyde

CHID: 26997 **CASRN:** 123-11-5

SPID(S): Tox21_201943

M4ID: 11453869

HILL MODEL: Not applicable.

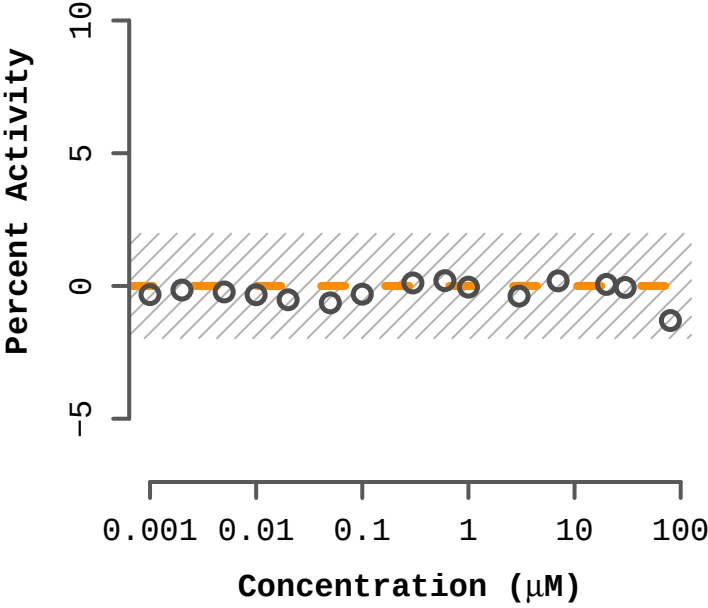
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.32	NA	NA
PROB:	1	NA	NA
RMSE:	0.82	NA	NA

MAX_MEAN: 1.12

MAX_MED: 1.12

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,6,8-Trimethyl-4-nonanone

CHID: 26998 CASRN: 123-18-2

SPID(S): Tox21_201537

M4ID: 11454275

HILL MODEL: Not applicable.

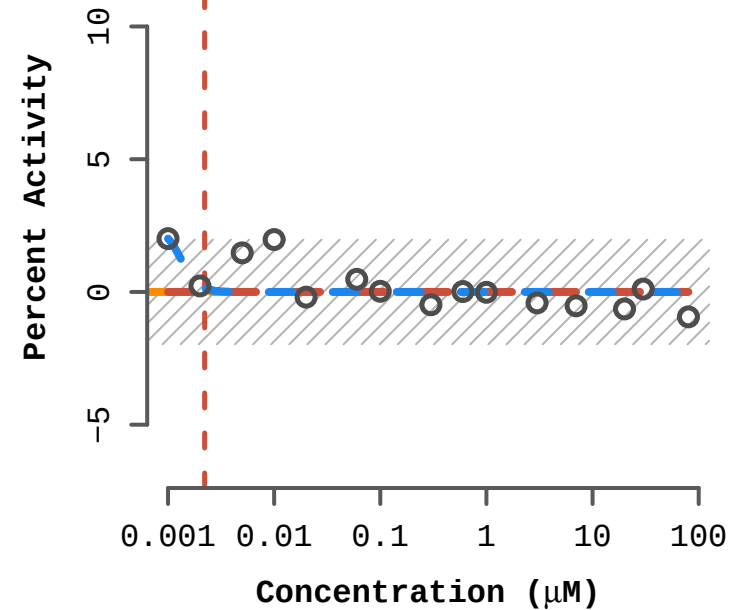
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	18.27	NA	NA
PROB:	1	NA	NA
RMSE:	0.45	NA	NA

MAX_MEAN: 0.201

MAX_MED: 0.201

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Octanol

CHID: 27014 CASRN: 123-96-6

SPID(S): Tox21_201625

M4ID: 11454187

HILL MODEL (in red):

	tp	ga	gw
val:	2.04e-10	-2.65	1.39
sd:	3.6e-06	8540	108000

GAIN-LOSS MODEL (in blue):

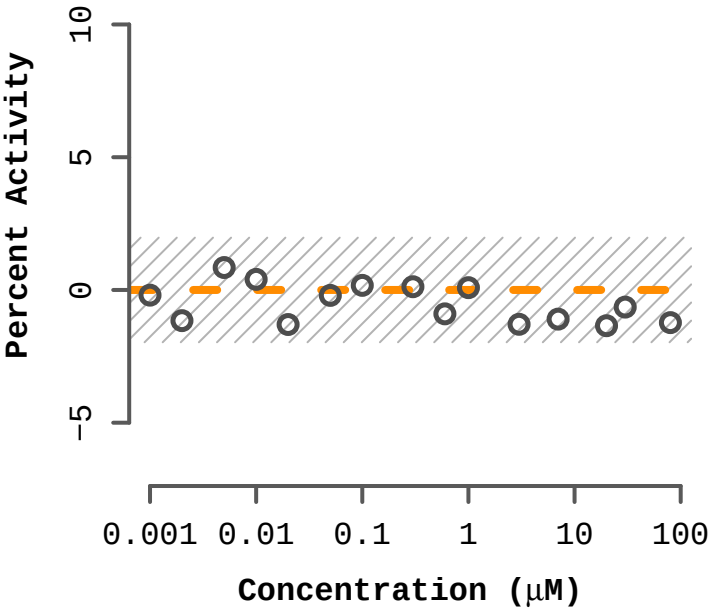
	tp	ga	gw	la	lw
val:	2.41	-5	1.76	-2.87	5.53
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	40.7	46.7	43.51
PROB:	0.77	0.04	0.19
RMSE:	0.91	0.91	0.74

MAX_MEAN: 2.01

MAX_MED: 2.01

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(2-Butoxyethoxy)ethyl acetate

CHID: 27021 CASRN: 124-17-4

SPID(S): Tox21_201957

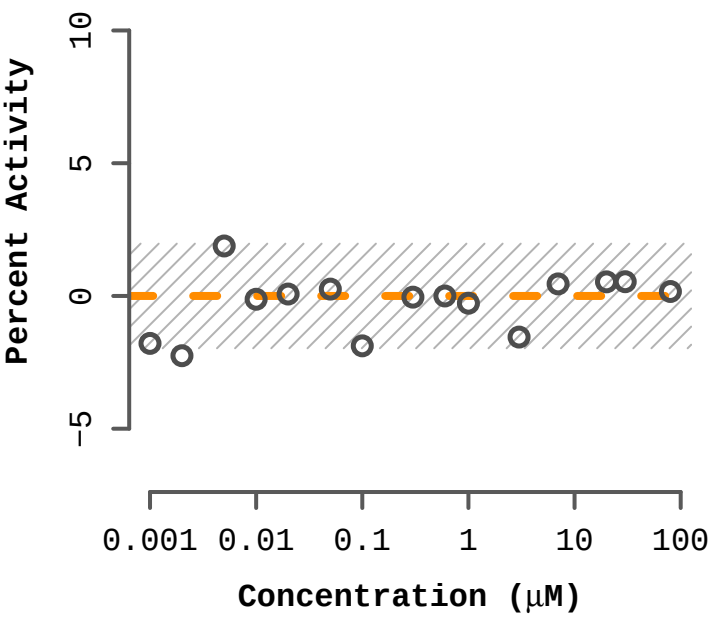
M4ID: 11453855

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.7	NA	NA
PROB:	1	NA	NA
RMSE:	0.87	NA	NA

MAX_MEAN: 0.846 MAX_MED: 0.846 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Amino-2-methylpropan-1-ol

CHID: 27032 CASRN: 124-68-5

SPID(S): Tox21_201780

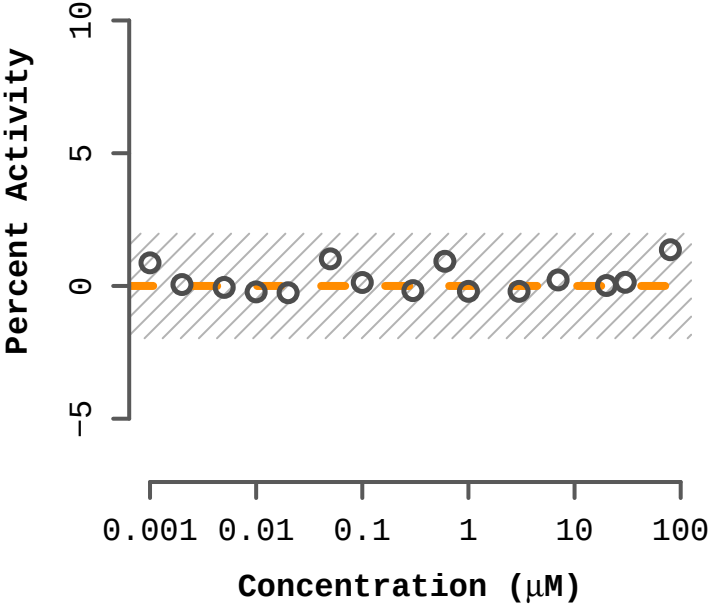
M4ID: 11454032

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.95	NA	NA
PROB:	1	NA	NA
RMSE:	1.12	NA	NA

MAX_MEAN: 1.88	MAX_MED: 1.88	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2-Dimethylpropane-1,3-diol

CHID: 27036 CASRN: 126-30-7

SPID(S): Tox21_201363

M4ID: 11454449

HILL MODEL: Not applicable.

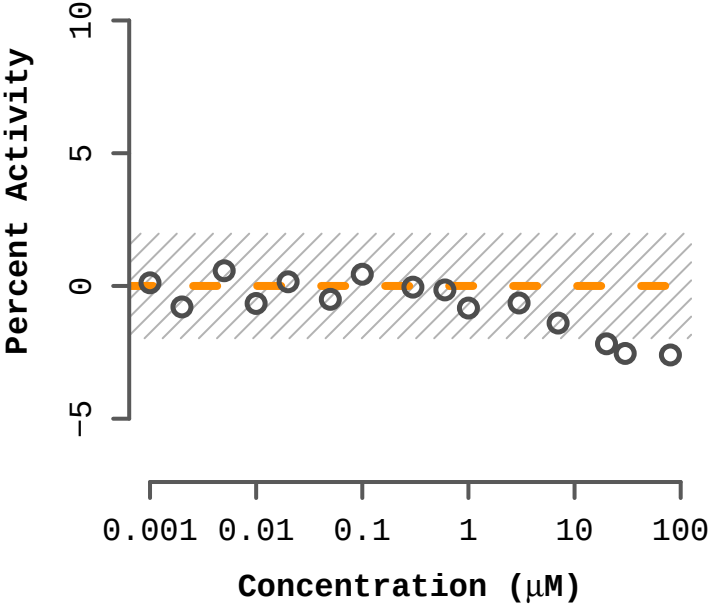
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	26.21	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 1.37

MAX_MED: 1.37

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,7,9-Tetramethyl-5-decyne-4,7-diol

CHID: 27041 CASRN: 126-86-3

SPID(S): Tox21_201648

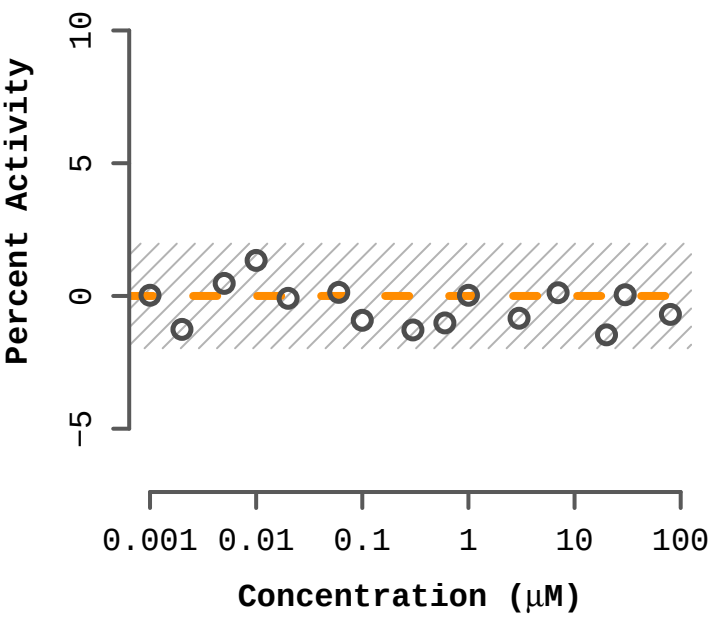
M4ID: 11454164

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	50.54	NA	NA
PROB:	1	NA	NA
RMSE:	1.24	NA	NA

MAX_MEAN: 0.574	MAX_MED: 0.574	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium dimethyldithiocarbamate

CHID: 27050 **CASRN:** 128-04-1

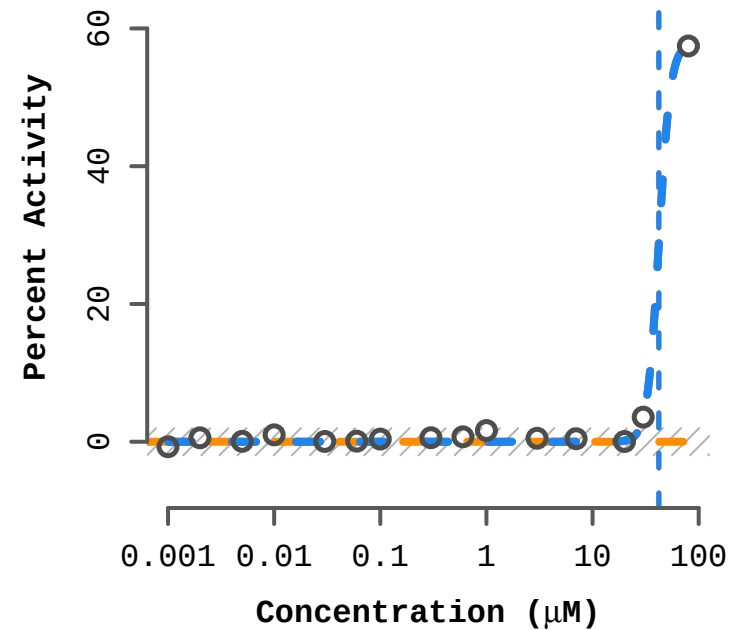
SPID(S): Tox21_201971

M4ID: 11453841

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.82	NA	NA
PROB:	1	NA	NA
RMSE:	0.84	NA	NA
MAX_MEAN:	1.34	MAX_MED:	1.34
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Naphthalenol

CHID: 27061 CASRN: 135-19-3

SPID(S): Tox21_201884

M4ID: 11453928

HILL MODEL (in red):

	tp	ga	gw
val:	57.8	1.62	8
sd:	0.476	0.00967	0.436

GAIN-LOSS MODEL (in blue):

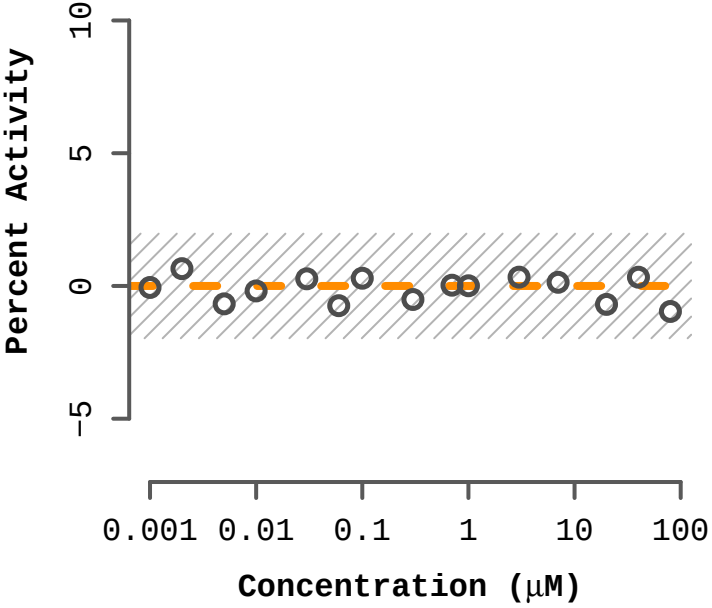
	tp	ga	gw	la	lw
val:	57.8	1.62	8	2.62	5.62
sd:	0.856	0.00973	0.448	52.4	402

	CNST	HILL	GNLS
AIC:	78.63	36.59	40.59
PROB:	0	0.88	0.12
RMSE:	14.88	0.63	0.63

MAX_MEAN: 57.5

MAX_MED: 57.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

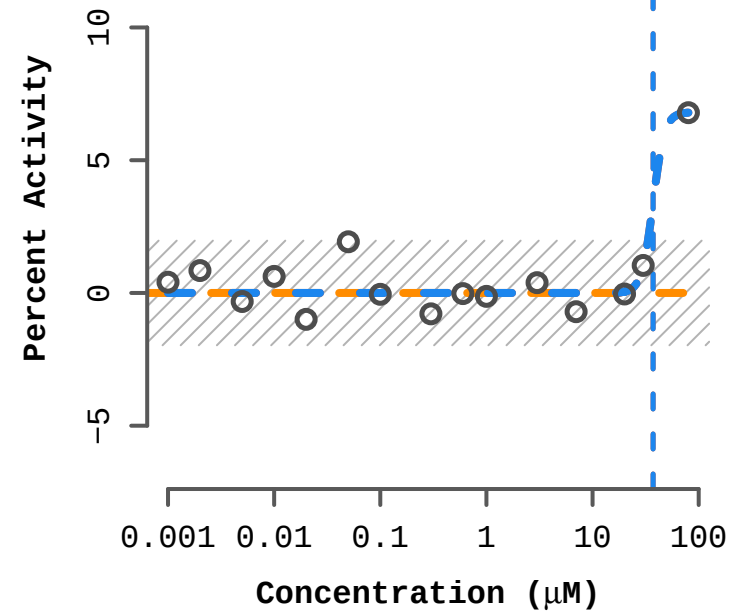
NAME: 2-Methyl-1-butanol
CHID: 27069 **CASRN:** 137-32-6
SPID(S): Tox21_201558
M4ID: 11454254

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.39	NA	NA
PROB:	1	NA	NA
RMSE:	0.48	NA	NA

MAX_MEAN: 0.653 **MAX_MED:** 0.653 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium phenolate

CHID: 27072 CASRN: 139-02-6

SPID(S): Tox21_202212

M4ID: 11453600

HILL MODEL (in red):

	tp	ga	gw
val:	6.81	1.57	8
sd:	0.487	0.128	10.5

GAIN-LOSS MODEL (in blue):

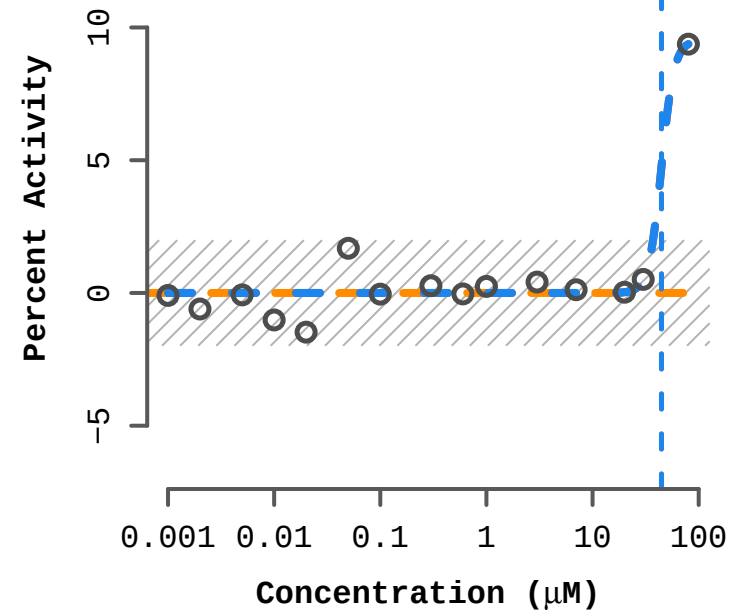
	tp	ga	gw	la	lw
val:	6.81	1.57	8	2.36	7.75
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	52.08	38.67	42.67
PROB:	0	0.88	0.12
RMSE:	1.91	0.7	0.7

MAX_MEAN: 6.79

MAX_MED: 6.79

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bis[2-(2-butoxyethoxy)ethyl] hexandioate

CHID: 27085 CASRN: 141-17-3

SPID(S): Tox21_202042

M4ID: 11453770

HILL MODEL (in red):

	tp	ga	gw
val:	9.51	1.65	7.23
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

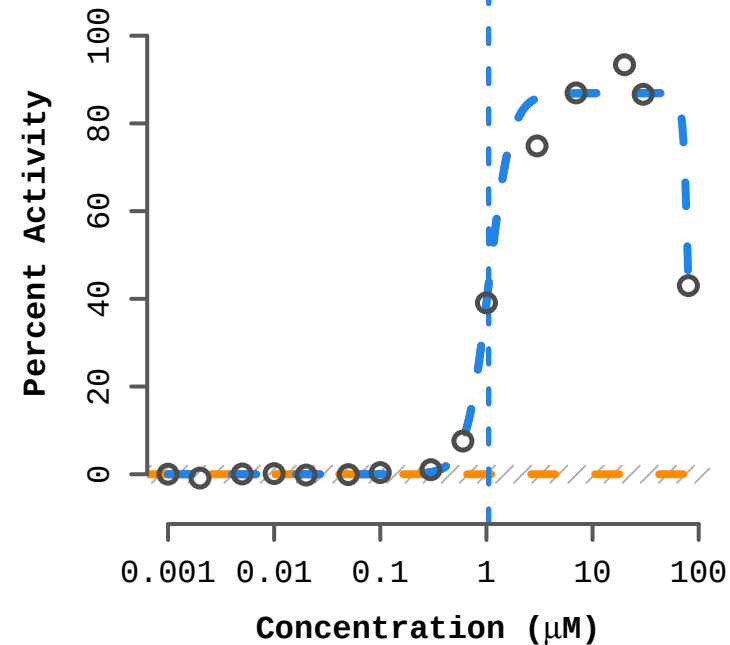
	tp	ga	gw	la	lw
val:	9.51	1.65	7.23	3.41	5.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	52.46	35.3	39.3
PROB:	0	0.88	0.12
RMSE:	2.51	0.67	0.67

MAX_MEAN: 9.37

MAX_MED: 9.37

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bis(2-ethylhexyl) maleate

CHID: 27094 CASRN: 142-16-5

SPID(S): Tox21_201422

M4ID: 11454390

HILL MODEL (in red):

	tp	ga	gw
val:	86.9	0.0219	4.11
sd:	0.876	0.00706	0.361

GAIN-LOSS MODEL (in blue):

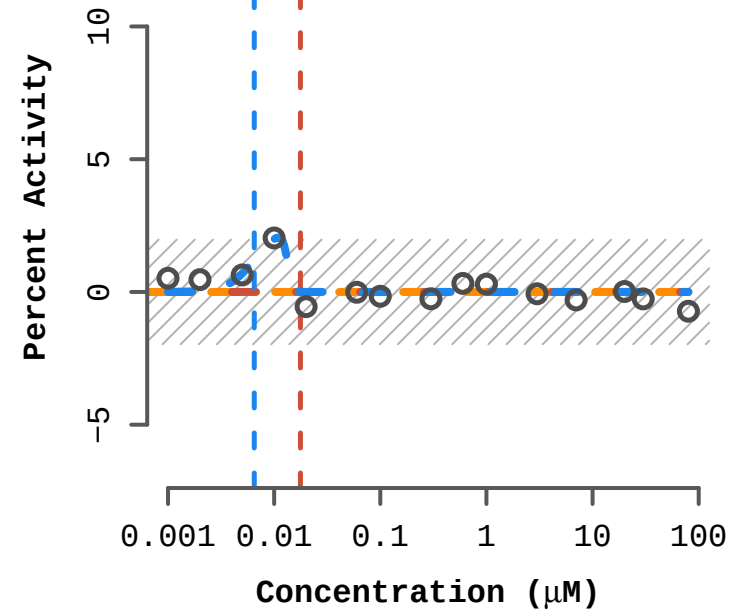
	tp	ga	gw	la	lw
val:	86.9	0.021	4.18	1.9	18
sd:	0.348	0.00244	0.128	0.00377	20.2

	CNST	HILL	GNLS
AIC:	162.31	99.08	69.09
PROB:	0	0	1
RMSE:	46.79	11.8	3.3

MAX_MEAN: 93.4

MAX_MED: 93.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dodecyl 2-methylacrylate

CHID: 27103 CASRN: 142-90-5

SPID(S): Tox21_201903

M4ID: 11453909

HILL MODEL (in red):

	tp	ga	gw
val:	9.27e-12	-1.75	1.83
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

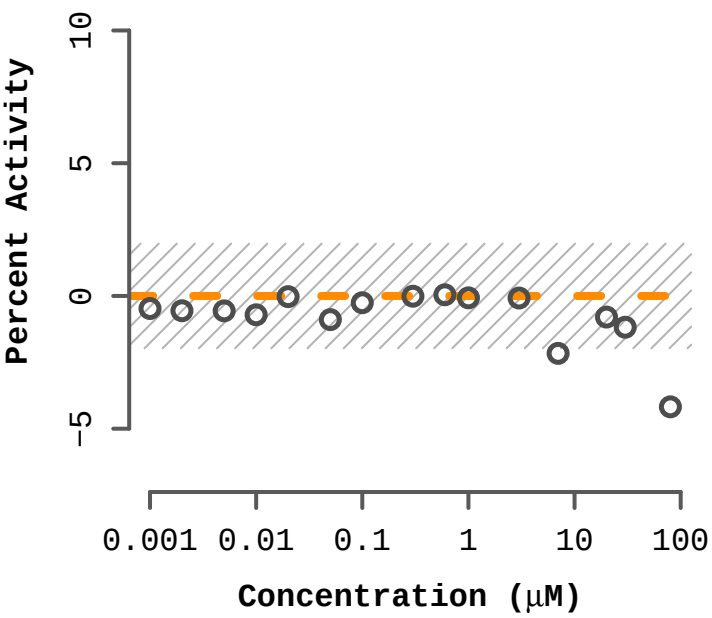
	tp	ga	gw	la	lw
val:	2.44	-2.19	3.5	-1.87	18
sd:	61.2	8.19	196	0.939	149

	CNST	HILL	GNLS
AIC:	27.84	33.84	23.3
PROB:	0.09	0	0.9
RMSE:	0.65	0.65	0.34

MAX_MEAN: 2.03

MAX_MED: 2.03

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bis(2-ethylhexyl) phosphate

CHID: 27134 CASRN: 298-07-7

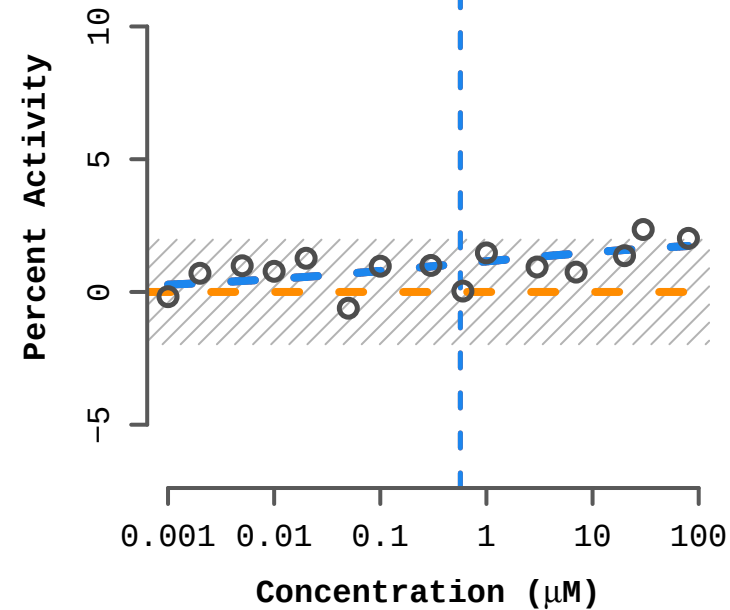
SPID(S): Tox21_201622

M4ID: 11454190

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.34	NA	NA
PROB:	1	NA	NA
RMSE:	1.32	NA	NA
MAX_MEAN:	0.0454	MAX_MED:	0.0454
		BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Dichloro-4-(trifluoromethyl)benzene

CHID: 27142 CASRN: 328-84-7

SPID(S): Tox21_201972

M4ID: 11453840

HILL MODEL (in red):

	tp	ga	gw
val:	2.12	-0.245	0.3
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

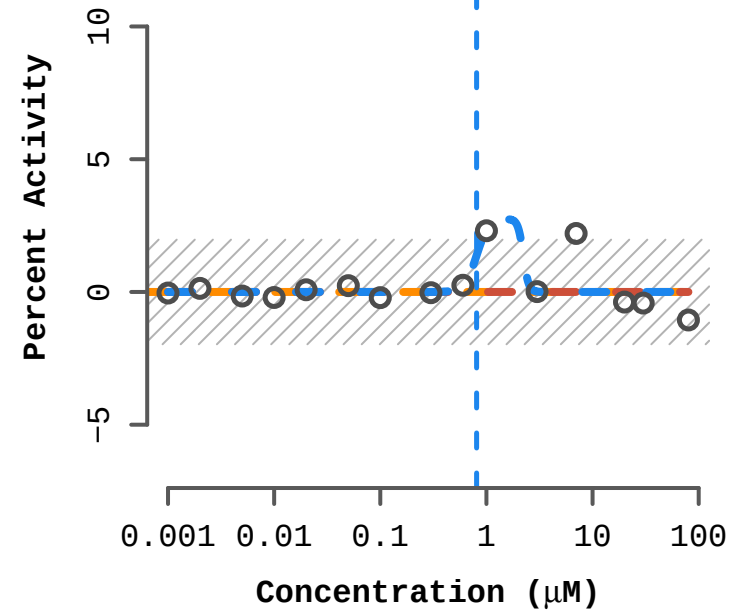
	tp	ga	gw	la	lw
val:	2.12	-0.246	0.3	3.06	6.78
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	51.68	36.67	40.67
PROB:	0	0.88	0.12
RMSE:	1.19	0.6	0.6

MAX_MEAN: 2.35

MAX_MED: 2.35

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyanoacetic acid

CHID: 27149 CASRN: 372-09-8

SPID(S): Tox21_201645

M4ID: 11454167

HILL MODEL (in red):

	tp	ga	gw
val:	1.27e-11	2.4	0.732
sd:	1.32e-06	151000	201000

GAIN-LOSS MODEL (in blue):

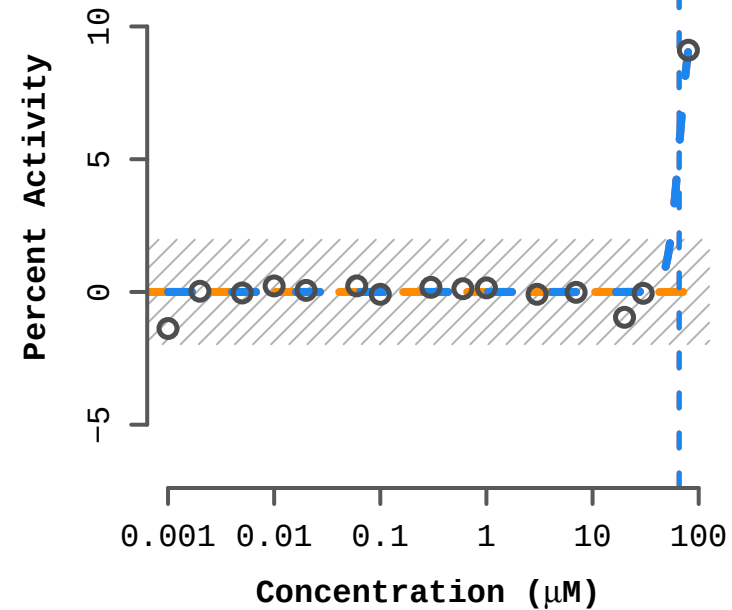
	tp	ga	gw	la	lw
val:	2.76	-0.0923	7.68	0.347	17.5
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	34.98	40.98	31.85
PROB:	0.17	0.01	0.82
RMSE:	0.89	0.89	0.66

MAX_MEAN: 2.31

MAX_MED: 2.31

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Bromo-4-fluorobenzene

CHID: 27153 CASRN: 460-00-4

SPID(S): Tox21_201379

M4ID: 11454433

HILL MODEL (in red):

	tp	ga	gw
val:	10.9	1.82	8
sd:	0.984	0.0108	2.46

GAIN-LOSS MODEL (in blue):

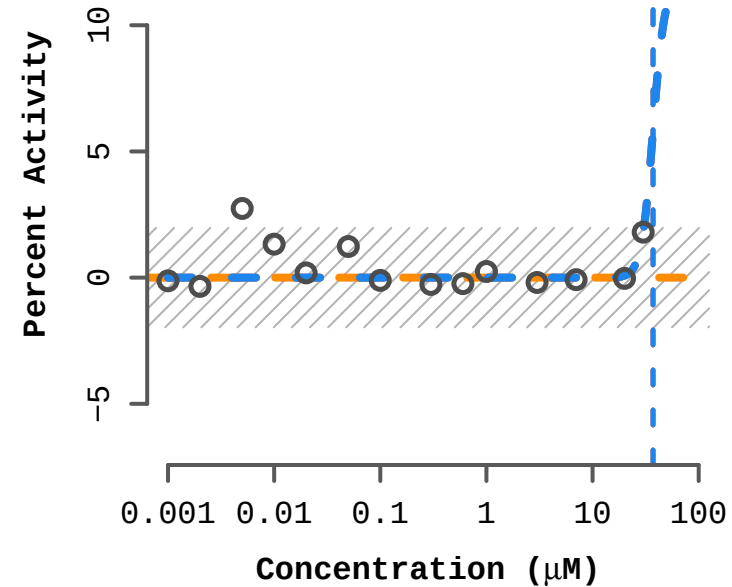
	tp	ga	gw	la	lw
val:	10.9	1.82	8	3.18	3.87
sd:	0.985	0.0108	2.46	138	417

	CNST	HILL	GNLS
AIC:	40.59	16.96	20.96
PROB:	0	0.88	0.12
RMSE:	2.39	0.45	0.45

MAX_MEAN: 9.11

MAX_MED: 9.11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isobutylbenzene

CHID: 27181 CASRN: 538-93-2

SPID(S): Tox21_201991

M4ID: 11453821

HILL MODEL (in red):

	tp	ga	gw
val:	11.7	1.57	8
sd:	0.352	0.0216	1.74

GAIN-LOSS MODEL (in blue):

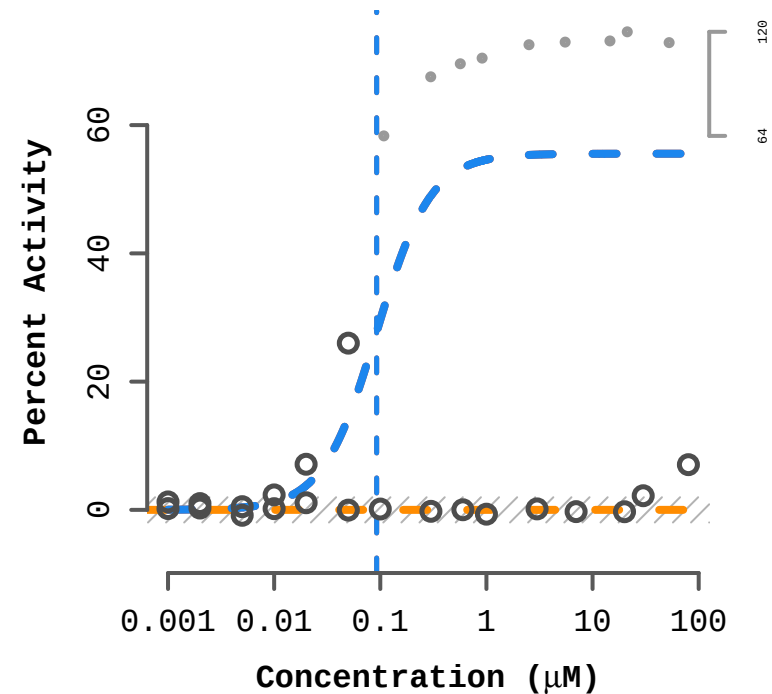
	tp	ga	gw	la	lw
val:	11.7	1.57	8	3.86	2.38
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	61.29	38.53	42.53
PROB:	0	0.88	0.12
RMSE:	3.17	0.87	0.87

MAX_MEAN: 11.7

MAX_MED: 11.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Methylphthalimide
CHID: 27198 CASRN: 550-44-7
SPID(S): Tox21_400053
M4ID: 11453295 BRK

HILL MODEL (in red):

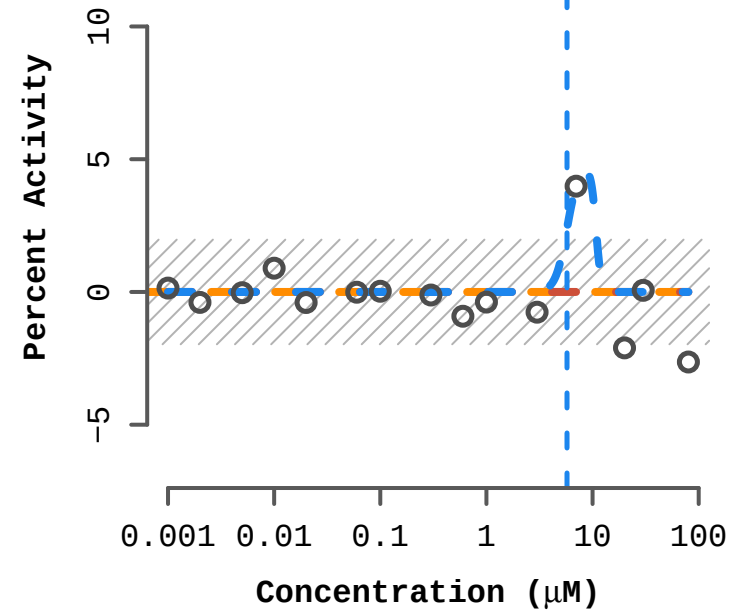
	tp	ga	gw
val:	55.5	-1.03	1.71
sd:	22.4	0.558	3.33

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	55.5	-1.03	1.71	3.9	3.32
sd:	22.4	0.558	3.33	2570	4240

	CNST	HILL	GNLS
AIC:	338.68	319.05	323.05
PROB:	0	0.88	0.12
RMSE:	57.17	40.09	40.09

MAX_MEAN: 59.6 MAX_MED: 59.6 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-Bipyridine

CHID: 27200 CASRN: 553-26-4

SPID(S): Tox21_201668

M4ID: 11454144

HILL MODEL (in red):

	tp	ga	gw
val:	6.96e-09	2.31	3.21
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

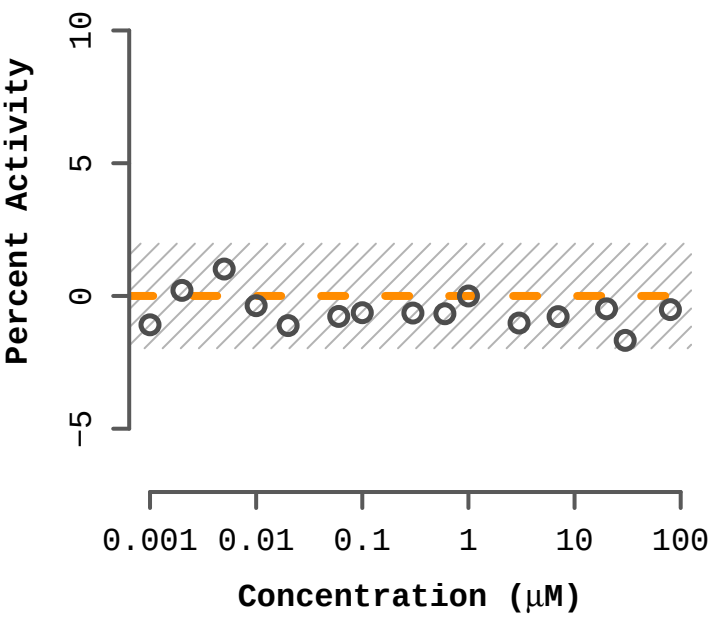
	tp	ga	gw	la	lw
val:	4.78	0.759	8	1.03	18
sd:	3.69	0.204	6.78	1.53	119

	CNST	HILL	GNLS
AIC:	50.92	56.92	49.87
PROB:	0.37	0.02	0.62
RMSE:	1.41	1.41	0.97

MAX_MEAN: 3.98

MAX_MED: 3.98

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

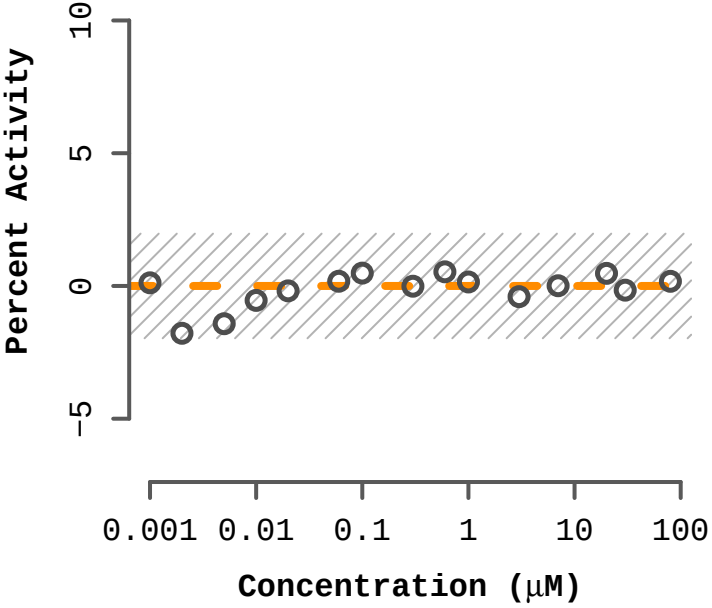
NAME: Methyl isothiocyanate
CHID: 27204 **CASRN:** 556-61-6
SPID(S): Tox21_201548
M4ID: 11454264

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.26	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN:	1.01	MAX_MED:	1.01	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Octamethylcyclotetrasiloxane

CHID: 27205 CASRN: 556-67-2

SPID(S): Tox21_201398

M4ID: 11454414

HILL MODEL: Not applicable.

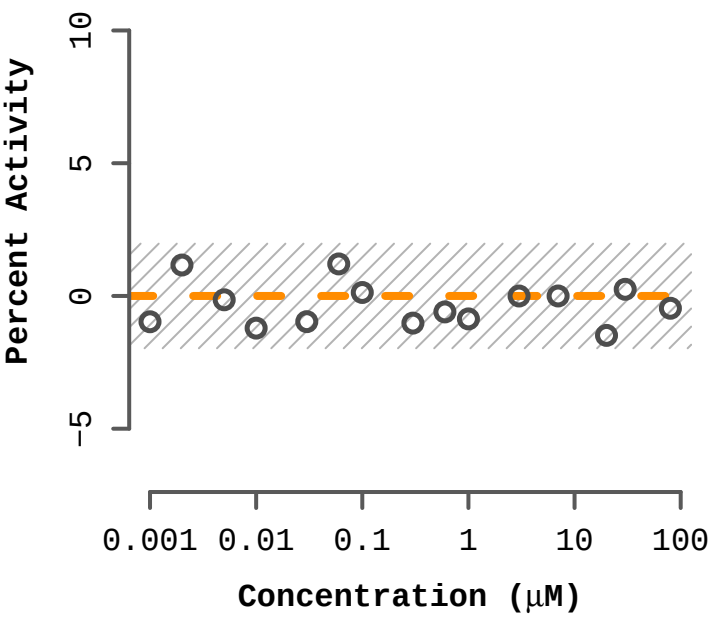
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.08	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA

MAX_MEAN: 0.534

MAX_MED: 0.534

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

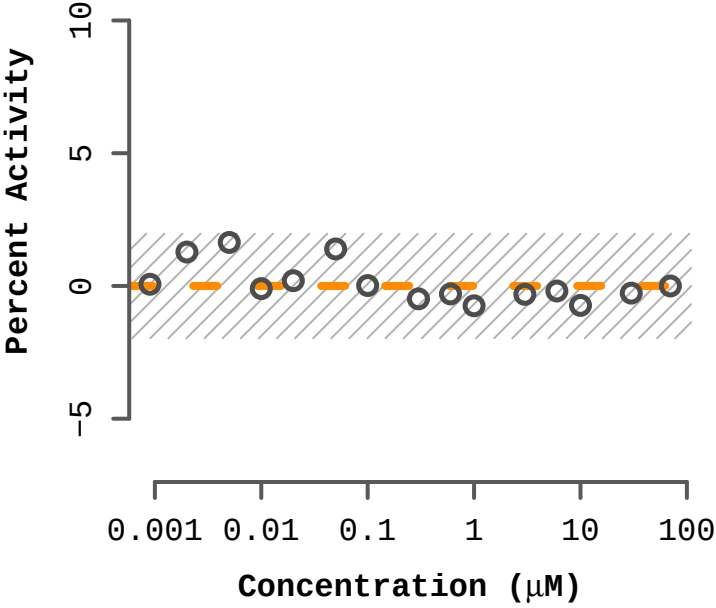
NAME: 3-Methyl-2-buten-1-ol
CHID: 27206 **CASRN:** 556-82-1
SPID(S): Tox21_202234
M4ID: 11453578

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.81	NA	NA
PROB:	1	NA	NA
RMSE:	0.85	NA	NA

MAX_MEAN:	1.21	MAX_MED:	1.21	BMAD:	0.657
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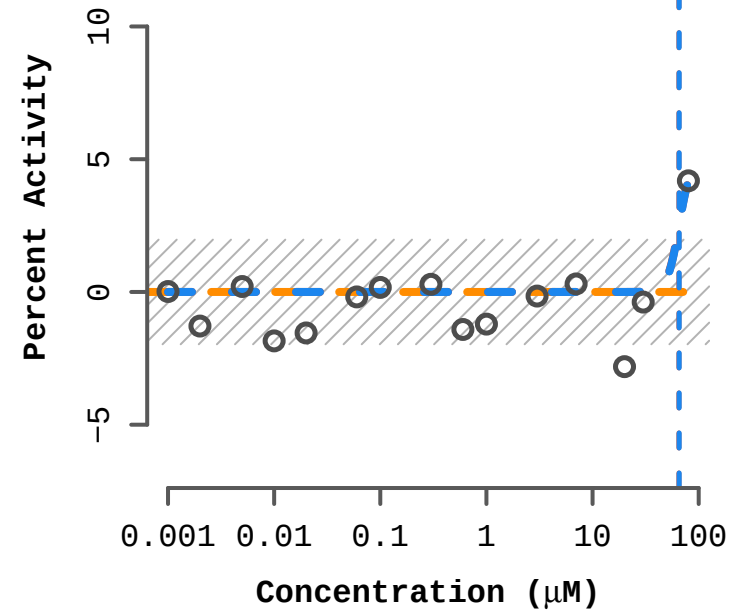
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,3-Dimethyl-1-butene
CHID: 27211 CASRN: 558-37-2
SPID(S): Tox21_202256
M4ID: 11453556

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.41	NA	NA
PROB:	1	NA	NA
RMSE:	0.73	NA	NA
MAX_MEAN:	1.64	MAX_MED: 1.64	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,6-Diethylaniline

CHID: 27218 CASRN: 579-66-8

SPID(S): Tox21_202010

M4ID: 11453802

HILL MODEL (in red):

	tp	ga	gw
val:	4.99	1.81	8
sd:	9.48	0.56	14.5

GAIN-LOSS MODEL (in blue):

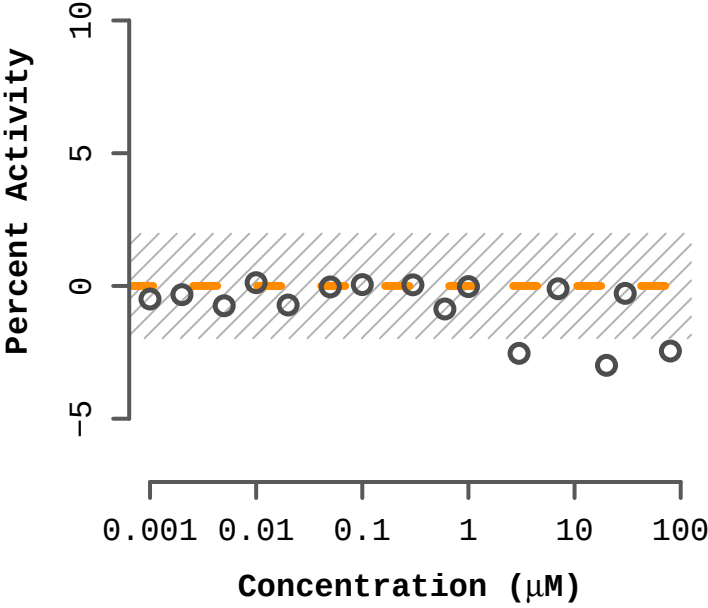
	tp	ga	gw	la	lw
val:	5.03	1.82	8	3.07	4.61
sd:	11.2	0.635	15.2	581	2300

	CNST	HILL	GNLS
AIC:	56.41	53.73	57.73
PROB:	0.19	0.72	0.1
RMSE:	1.57	1.13	1.13

MAX_MEAN: 4.19

MAX_MED: 4.19

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Butyl propionate

CHID: 27223 CASRN: 590-01-2

SPID(S): Tox21_201691

M4ID: 11454121

HILL MODEL: Not applicable.

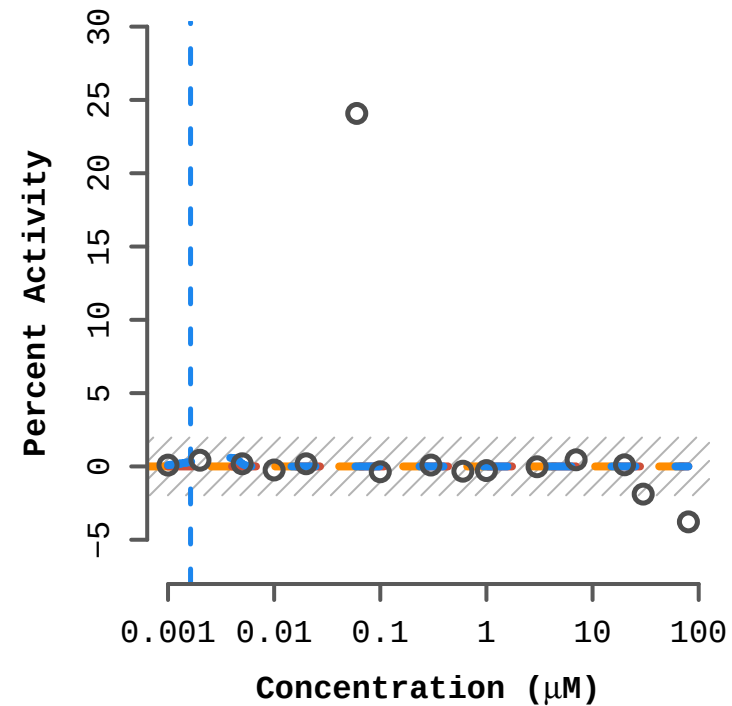
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.6	NA	NA
PROB:	1	NA	NA
RMSE:	1.26	NA	NA

MAX_MEAN: 0.125

MAX_MED: 0.125

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Bromopropionic acid

CHID: 27233 CASRN: 598-72-1

SPID(S): Tox21_201417

M4ID: 11454395

HILL MODEL (in red):

	tp	ga	gw
val:	22.2	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

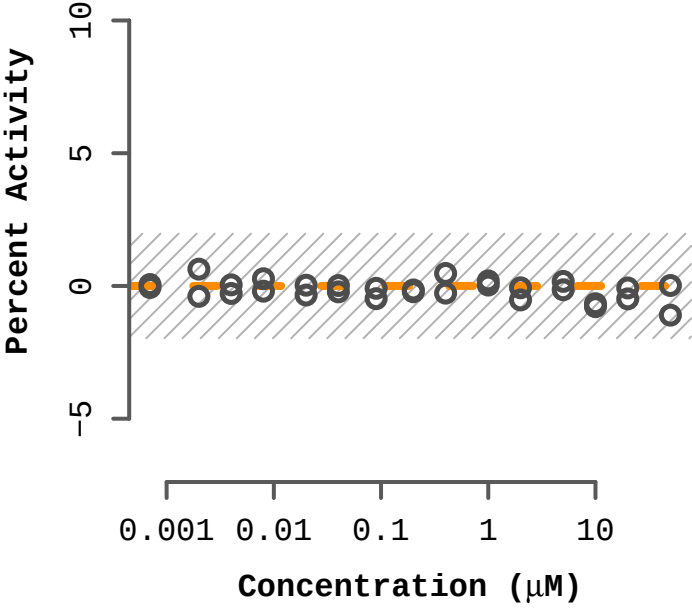
	tp	ga	gw	la	lw
val:	0.631	-2.79	3.6	-2.32	17.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	67.05	73.05	76.39
PROB:	0.94	0.05	0.01
RMSE:	6.32	6.32	6.32

MAX_MEAN: 24.1

MAX_MED: 24.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

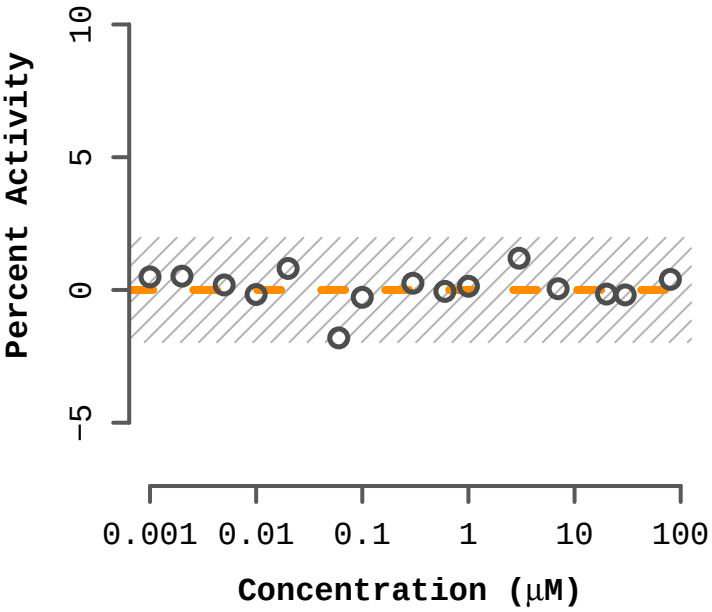
NAME: 2,3-Dinitrotoluene
CHID: 27236 CASRN: 602-01-7
SPID(S): Tox21_400034
M4ID: 11453314

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.5	NA	NA
PROB:	1	NA	NA
RMSE:	0.38	NA	NA

MAX_MEAN: 0.123 MAX_MED: 0.123 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

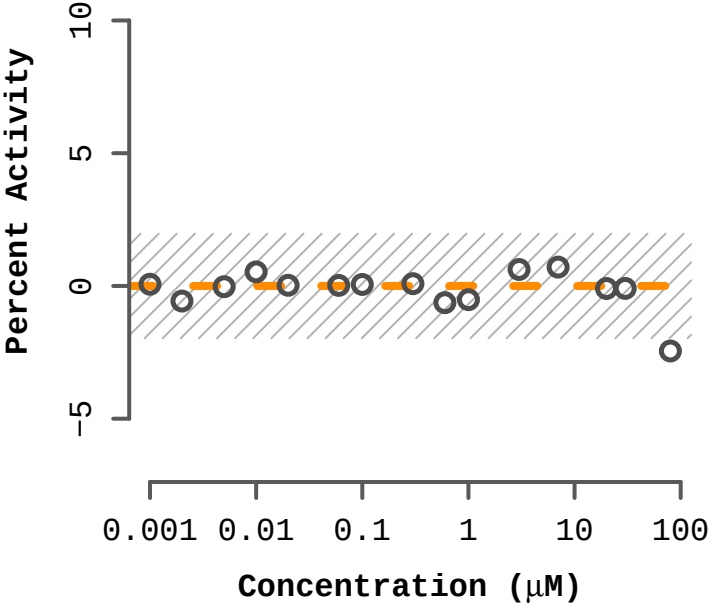
NAME: 3,4-Dinitrotoluene
CHID: 27240 CASRN: 610-39-9
SPID(S): Tox21_202159
M4ID: 11453653

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.95	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA

MAX_MEAN: 1.2	MAX_MED: 1.2	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Pyrrolidinone

CHID: 27246 **CASRN:** 616-45-5

SPID(S): Tox21_201630

M4ID: 11454182

HILL MODEL: Not applicable.

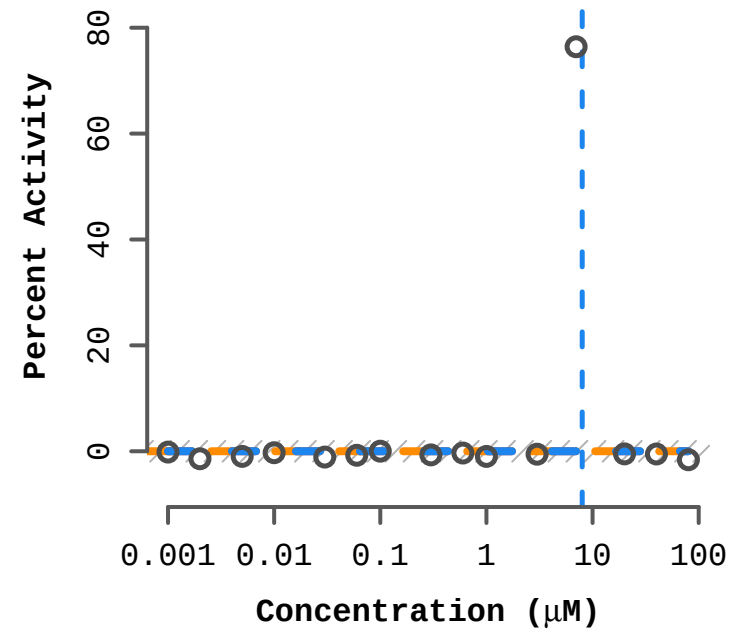
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.16	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 0.712

MAX_MED: 0.712

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isopropyl formate

CHID: 27258 CASRN: 625-55-8

SPID(S): Tox21_201844

M4ID: 11453968

HILL MODEL (in red):

	tp	ga	gw
val:	77.7	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

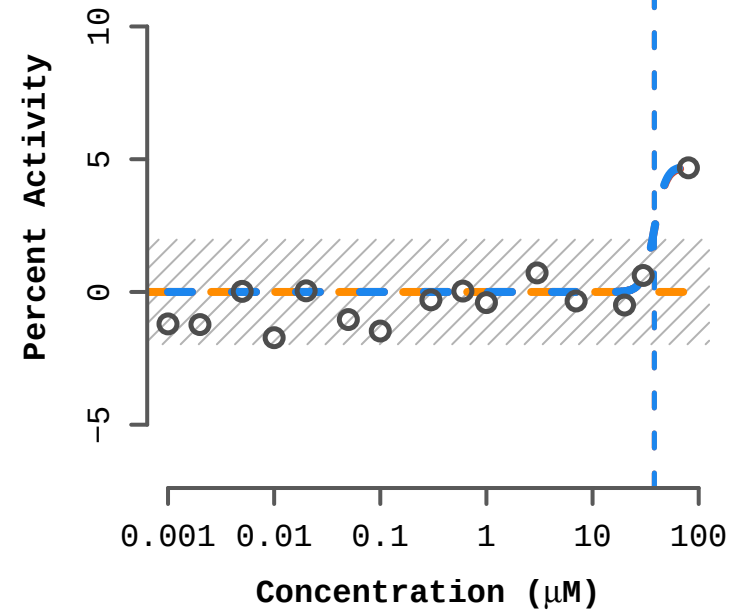
	tp	ga	gw	la	lw
val:	1.25e-09	0.902	2.71	1.24	4.93
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	78.13	84.16	88.13
PROB:	0.95	0.05	0.01
RMSE:	19.75	19.75	19.75

MAX_MEAN: 76.4

MAX_MED: 76.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Benzenedicarbonitrile

CHID: 27259 CASRN: 626-17-5

SPID(S): Tox21_201474

M4ID: 11454338

HILL MODEL (in red):

	tp	ga	gw
val:	4.69	1.58	8
sd:	0.629	0.217	14.6

GAIN-LOSS MODEL (in blue):

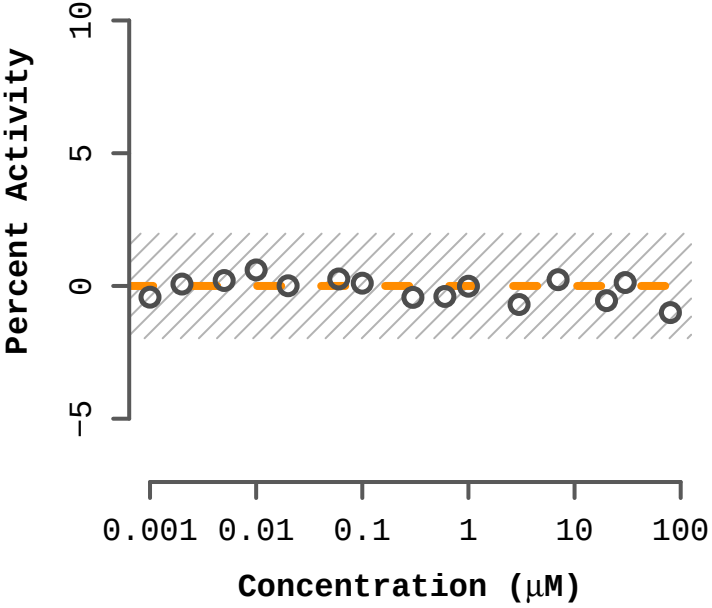
	tp	ga	gw	la	lw
val:	4.78	1.58	8	2.41	3.43
sd:	120	1.82	24.4	317	1010

	CNST	HILL	GNLS
AIC:	51.71	45.53	49.53
PROB:	0.04	0.85	0.11
RMSE:	1.47	0.83	0.83

MAX_MEAN: 4.68

MAX_MED: 4.68

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pentyl acetate

CHID: 27263 **CASRN:** 628-63-7

SPID(S): Tox21_201628

M4ID: 11454184

HILL MODEL: Not applicable.

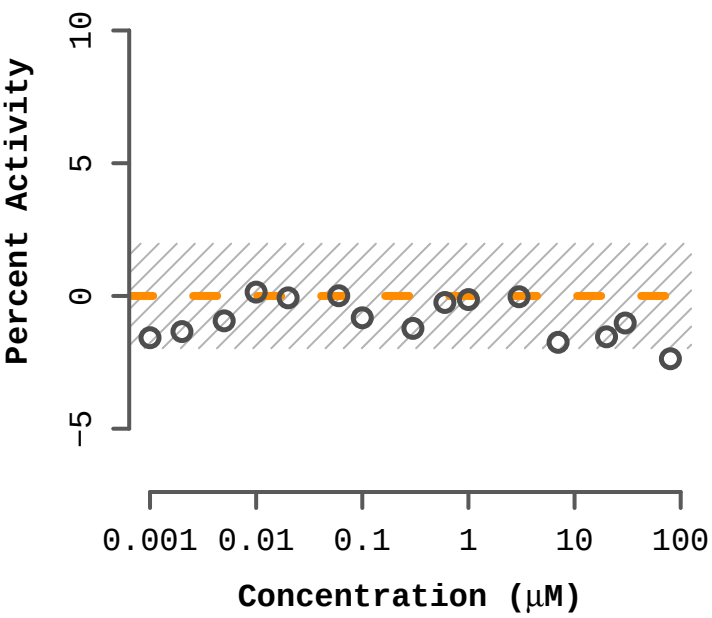
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	20.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.44	NA	NA

MAX_MEAN: 0.605

MAX_MED: 0.605

BMAD: 0.657



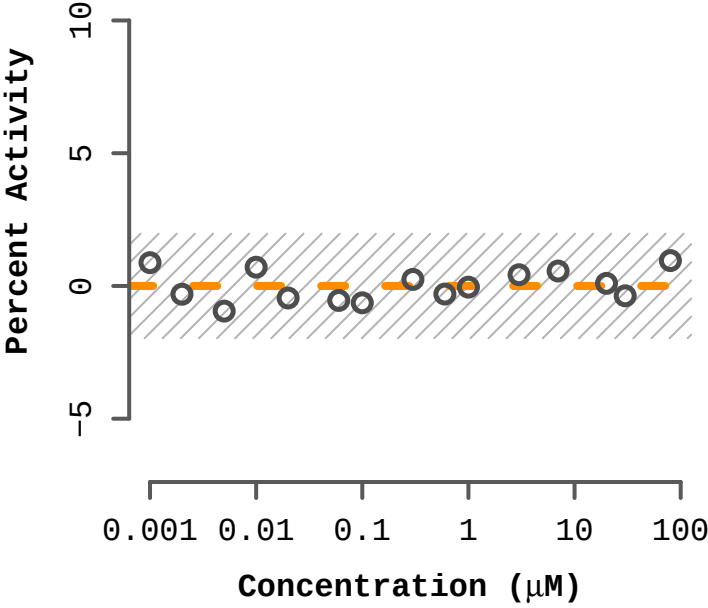
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Pentadecanol
CHID: 27270 CASRN: 629-76-5
SPID(S): Tox21_201699
M4ID: 11454113

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.83	NA	NA
PROB:	1	NA	NA
RMSE:	1.14	NA	NA
MAX_MEAN:	0.146	MAX_MED: 0.146	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Manganese(II) acetate

CHID: 27279 **CASRN:** 638-38-0

SPID(S): Tox21_201865

M4ID: 11453947

HILL MODEL: Not applicable.

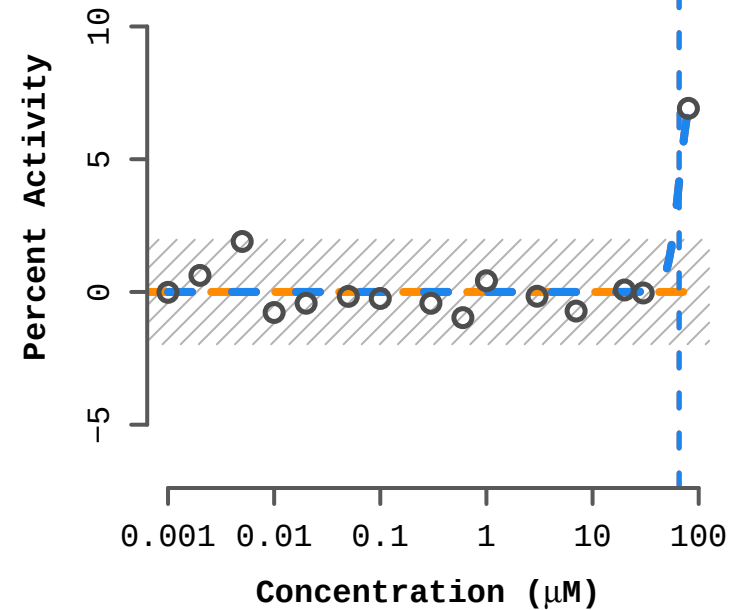
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.96	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 0.956

MAX_MED: 0.956

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,6-Dimethyl-2,4,6-octatriene

CHID: 27288 CASRN: 673-84-7

SPID(S): Tox21_202278

M4ID: 11453534

HILL MODEL (in red):

	tp	ga	gw
val:	8.3	1.82	8
sd:	9.13	0.1	25.6

GAIN-LOSS MODEL (in blue):

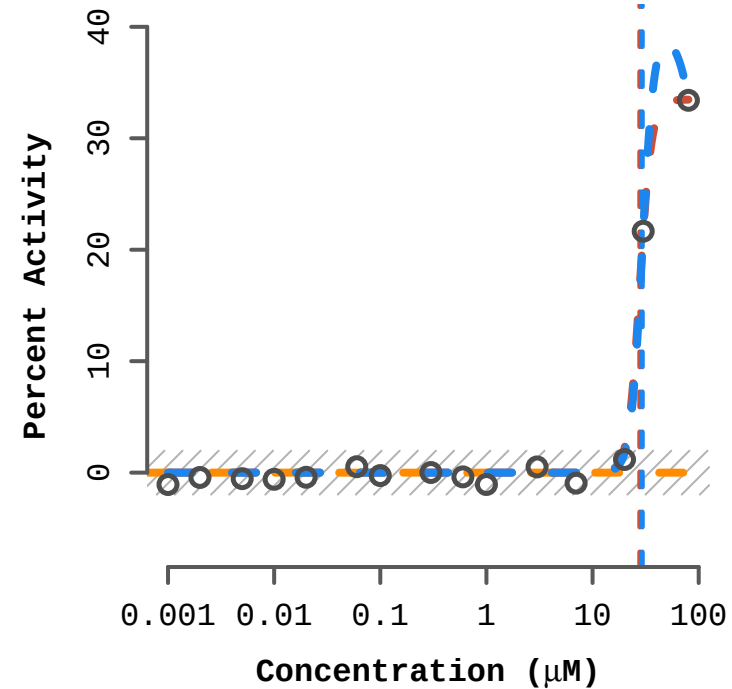
	tp	ga	gw	la	lw
val:	8.3	1.82	8	3.86	1.46
sd:	11	0.116	27.1	90.4	67.5

	CNST	HILL	GNLS
AIC:	49.08	36.7	40.7
PROB:	0	0.88	0.12
RMSE:	1.91	0.67	0.67

MAX_MEAN: 6.92

MAX_MED: 6.92

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dibutyltin dichloride

CHID: 27292 CASRN: 683-18-1

SPID(S): Tox21_201675

M4ID: 11454137

HILL MODEL (in red):

	tp	ga	gw
val:	33.5	1.45	8
sd:	0.486	0.00552	0.942

GAIN-LOSS MODEL (in blue):

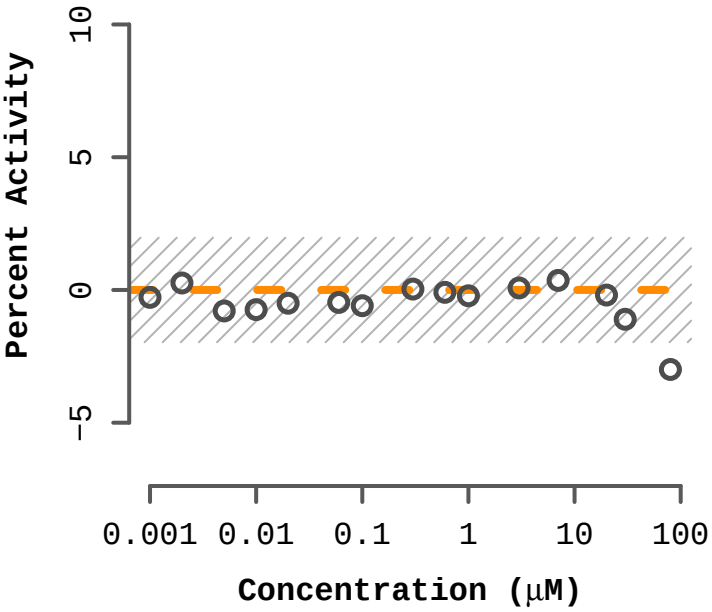
	tp	ga	gw	la	lw
val:	40.1	1.47	8	2.06	4.35
sd:	0.904	0.00485	0.961	0.0118	0.453

	CNST	HILL	GNLS
AIC:	90.38	38.62	40.63
PROB:	0	0.73	0.27
RMSE:	10.3	0.63	0.59

MAX_MEAN: 33.4

MAX_MED: 33.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexyl methacrylate

CHID: 27293 CASRN: 688-84-6

SPID(S): Tox21_201535

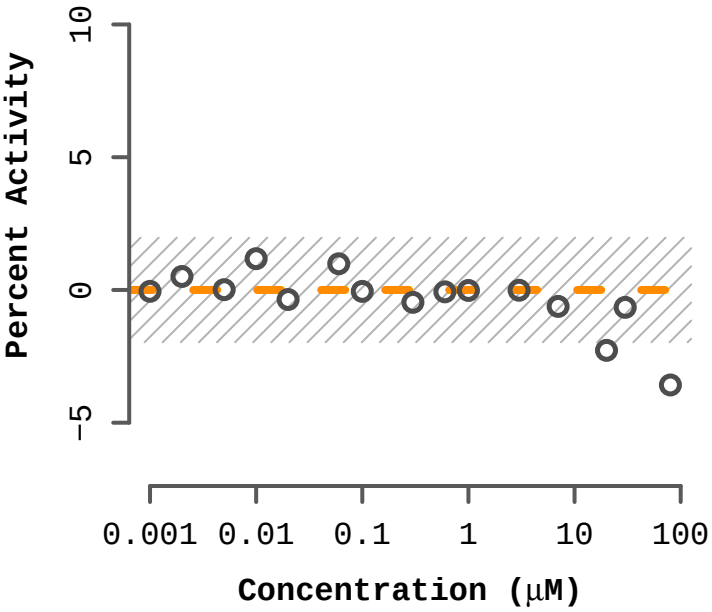
M4ID: 11454277

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.07	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA

MAX_MEAN:	0.361	MAX_MED:	0.361	BMAD:	0.657
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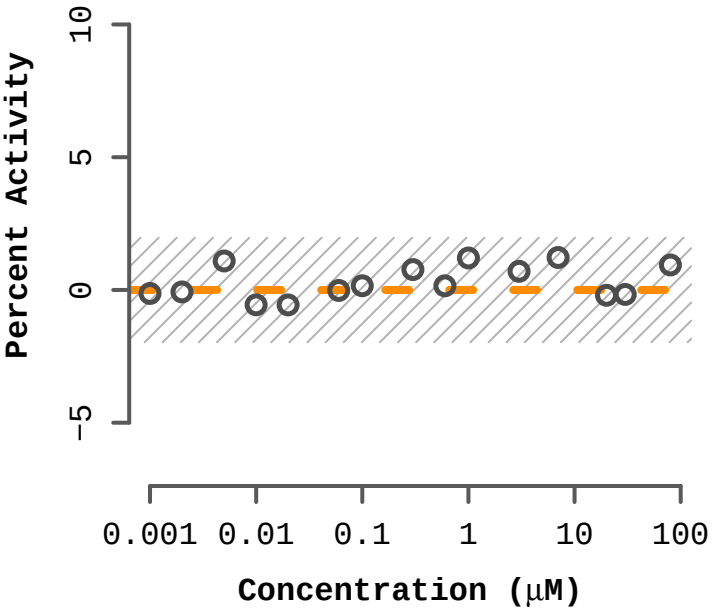
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dodecanedioic acid
CHID: 27297 CASRN: 693-23-2
SPID(S): Tox21_201954
M4ID: 11453858

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	45.34	NA	NA
PROB:	1	NA	NA
RMSE:	1.2	NA	NA
MAX_MEAN:	1.18	MAX_MED: 1.18	BMAD: 0.657



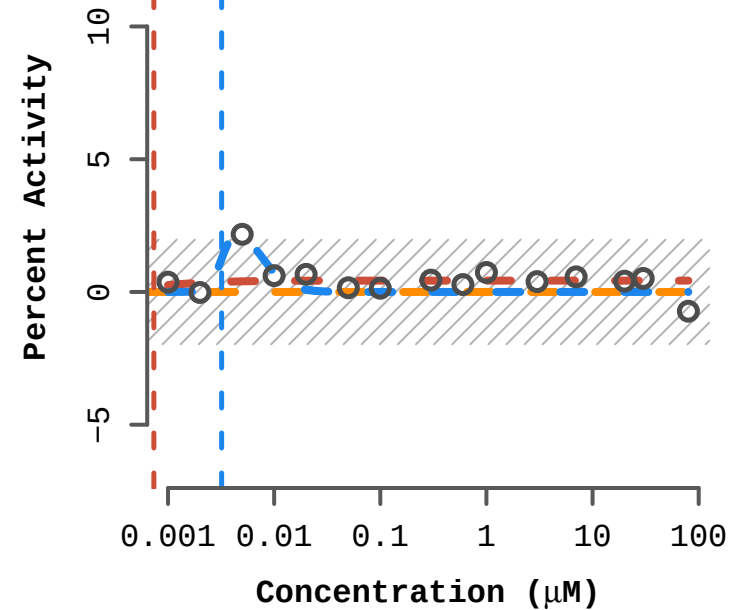
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2-Cyclohexanediamine
CHID: 27301 CASRN: 694-83-7
SPID(S): Tox21_201883
M4ID: 11453929

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.21	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA
MAX_MEAN:	1.22	MAX_MED:	1.22
			BMAD:
			0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3,5,6-Tetrachlorobenzene-1,4-dicarbonyl dichloride

CHID: 27302 CASRN: 719-32-4

SPID(S): Tox21_201449

M4ID: 11454363

HILL MODEL (in red):

	tp	ga	gw
val:	0.426	-3.13	1.42
sd:	0.0927	1.1	2.23

GAIN-LOSS MODEL (in blue):

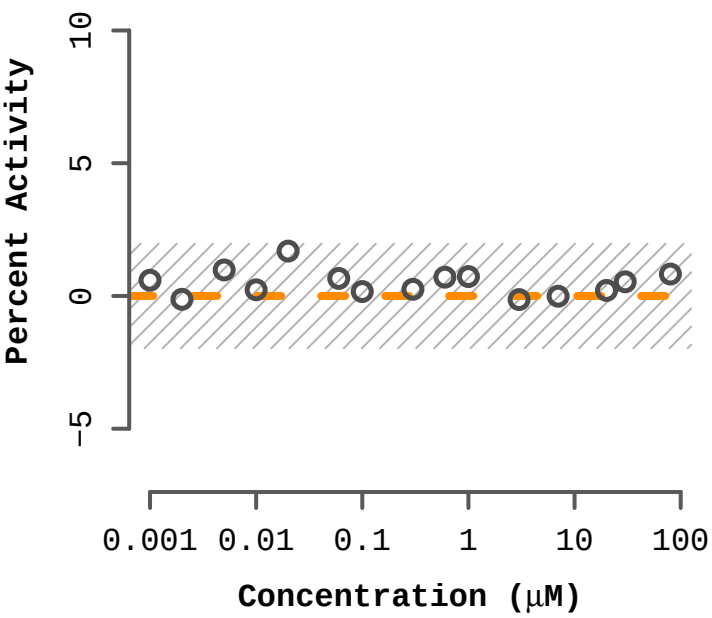
	tp	ga	gw	la	lw
val:	2.61	-2.49	7.81	-2.11	3.57
sd:	2.27	0.185	7.81	0.265	8.94

	CNST	HILL	GNLS
AIC:	33.19	27.16	31.55
PROB:	0.04	0.86	0.1
RMSE:	0.73	0.58	0.43

MAX_MEAN: 2.17

MAX_MED: 2.17

BMAD: 0.657



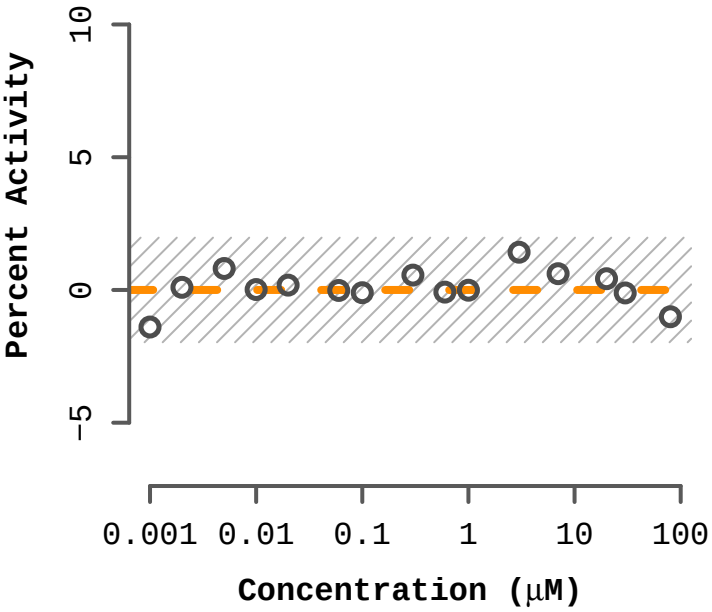
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyltin dichloride
CHID: 27304 CASRN: 753-73-1
SPID(S): Tox21_201249
M4ID: 11454563

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.06	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA
MAX_MEAN:	1.69	MAX_MED: 1.69	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexanoyl chloride

CHID: 27308 CASRN: 760-67-8

SPID(S): Tox21_201268

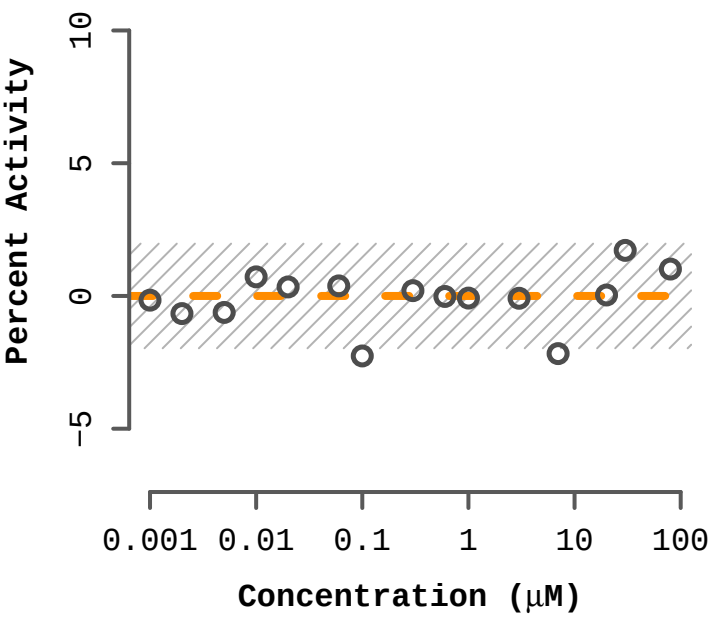
M4ID: 11454544

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.76	NA	NA
PROB:	1	NA	NA
RMSE:	0.66	NA	NA

MAX_MEAN:	1.42	MAX_MED:	1.42	BMAD:	0.657
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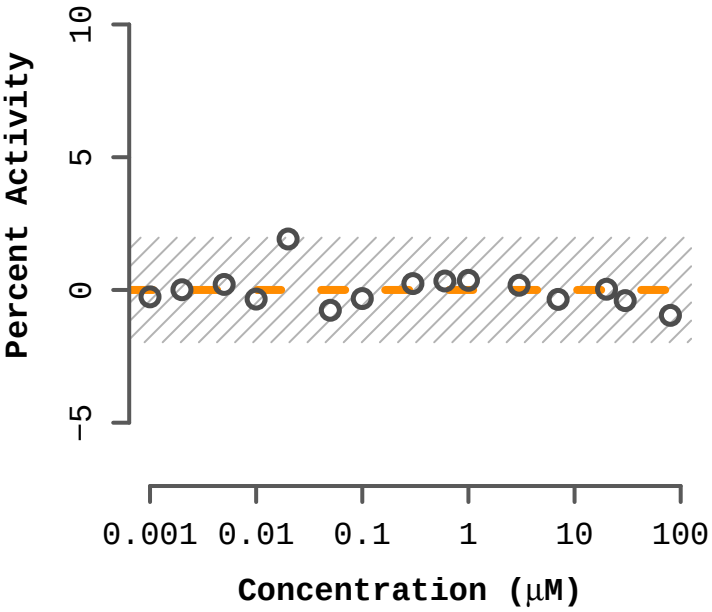
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Phenoxy-2-propanol
CHID: 27312 CASRN: 770-35-4
SPID(S): Tox21_201710
M4ID: 11454102

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	43.87	NA	NA
PROB:	1	NA	NA
RMSE:	1.02	NA	NA
MAX_MEAN:	1.72	MAX_MED:	1.72
			BMAD:
			0.657



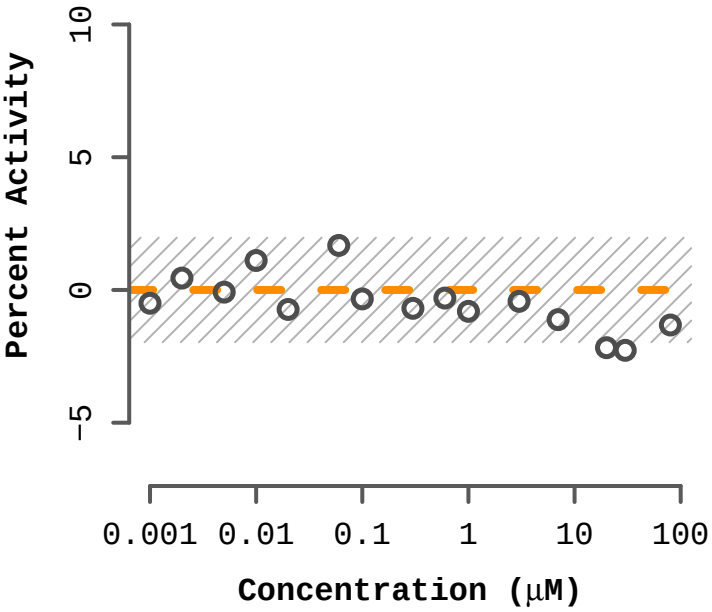
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cyclohexanone
CHID: 27322 CASRN: 830-13-7
SPID(S): Tox21_201557
M4ID: 11454255

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA
MAX_MEAN:	1.92	MAX_MED: 1.92	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nitro-N-phenylaniline

CHID: 27323 CASRN: 836-30-6

SPID(S): Tox21_202300

M4ID: 11453512

HILL MODEL: Not applicable.

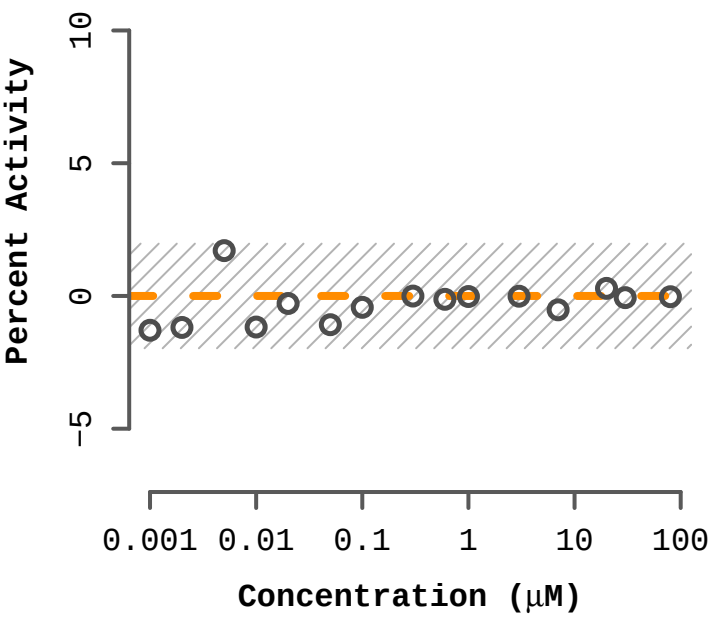
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.59	NA	NA
PROB:	1	NA	NA
RMSE:	1.14	NA	NA

MAX_MEAN: 1.68

MAX_MED: 1.68

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Aminopropyltriethoxysilane

CHID: 27333 **CASRN:** 919-30-2

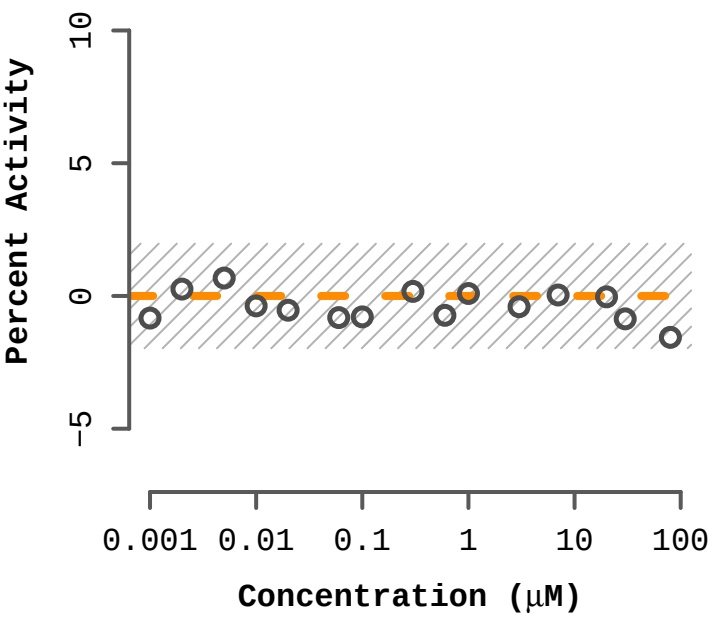
SPID(S): Tox21_201446

M4ID: 11454366

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	37.27	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.78	NA	NA	
MAX_MEAN:	1.71	MAX_MED:	1.71	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-(Triethoxysilyl)propionitrile

CHID: 27334 CASRN: 919-31-3

SPID(S): Tox21_201902

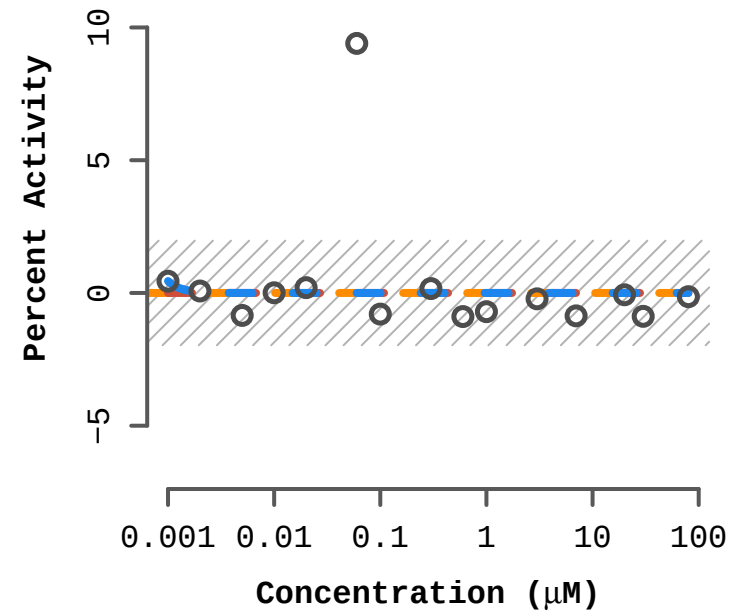
M4ID: 11453910

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.95	NA	NA
PROB:	1	NA	NA
RMSE:	0.67	NA	NA

MAX_MEAN: 0.676 MAX_MED: 0.676 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(2-Aminoethoxy)ethanol

CHID: 27341 CASRN: 929-06-6

SPID(S): Tox21_201287

M4ID: 11454525

HILL MODEL (in red):

	tp	ga	gw
val:	0.00109	2.39	7.63
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

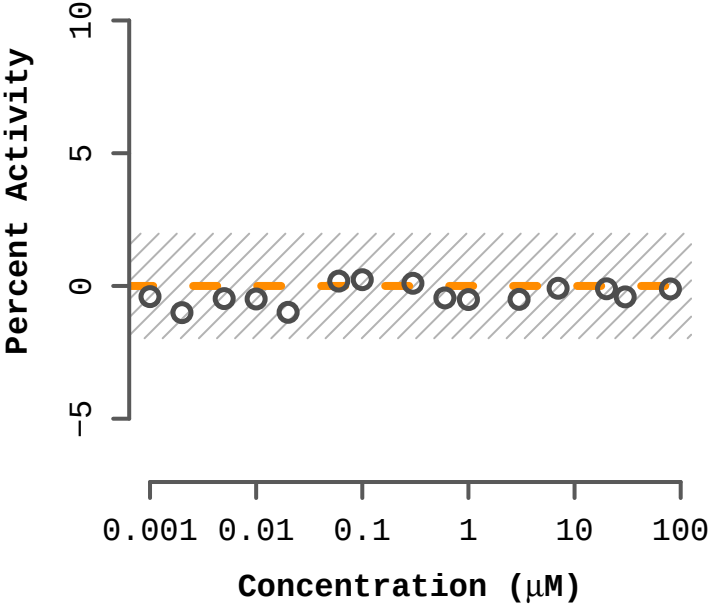
	tp	ga	gw	la	lw
val:	11.1	-3.58	1.05	-3.33	3.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	49.6	55.6	58.97
PROB:	0.94	0.05	0.01
RMSE:	2.49	2.49	2.49

MAX_MEAN: 9.4

MAX_MED: 9.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

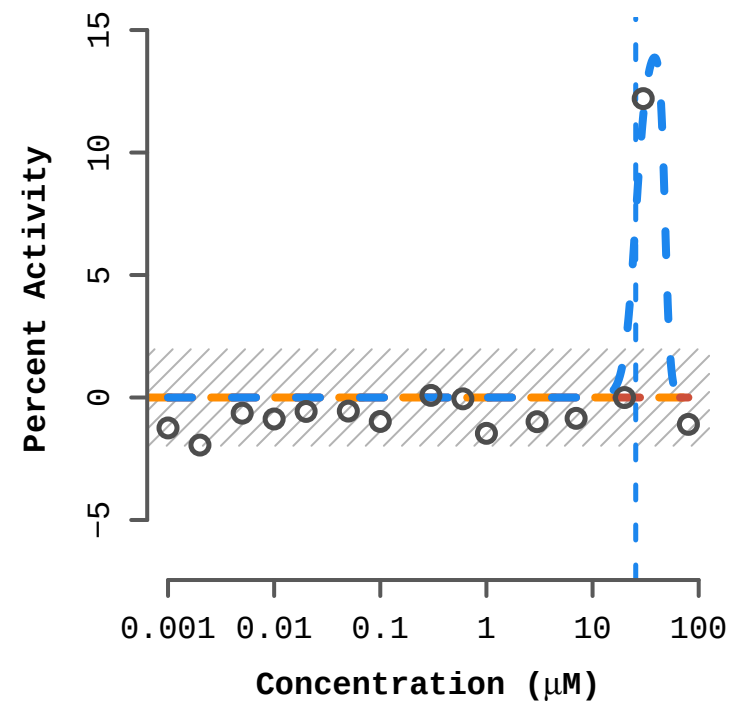
NAME: Sodium benzenethiolate
CHID: 27342 CASRN: 930-69-8
SPID(S): Tox21_201620
M4ID: 11454192

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.42	NA	NA
PROB:	1	NA	NA
RMSE:	0.49	NA	NA

MAX_MEAN: 0.237 MAX_MED: 0.237 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Azacyclotridecan-2-one

CHID: 27344 CASRN: 947-04-6

SPID(S): Tox21_202067

M4ID: 11453745

HILL MODEL (in red):

	tp	ga	gw
val:	0.000863	2.39	7.99
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

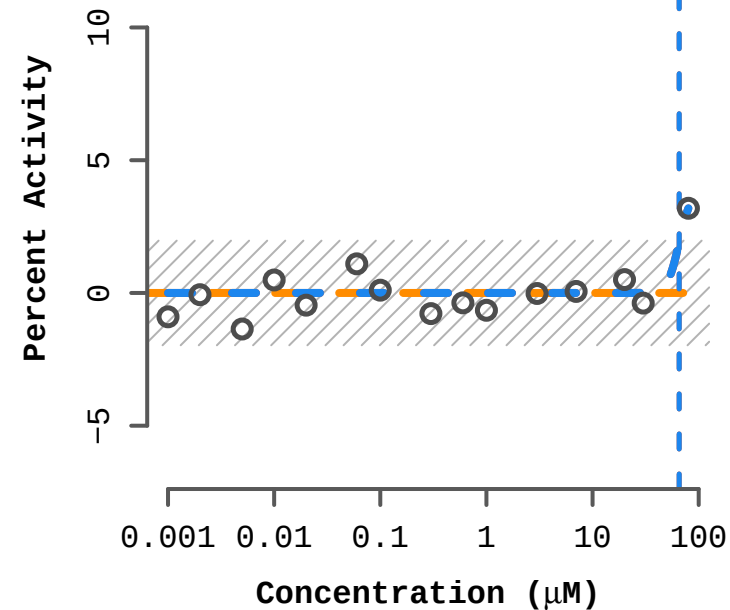
	tp	ga	gw	la	lw
val:	14.6	1.41	8	1.68	18
sd:	2.56	0.033	2.54	0.4	33.8

	CNST	HILL	GNLS
AIC:	63.06	69.06	58.54
PROB:	0.09	0	0.9
RMSE:	3.29	3.29	1.06

MAX_MEAN: 12.2

MAX_MED: 12.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Trichloromethylstannane

CHID: 27346 CASRN: 993-16-8

SPID(S): Tox21_202322

M4ID: 11453490

HILL MODEL (in red):

	tp	ga	gw
val:	3.83	1.82	8
sd:	6.24	0.453	12.7

GAIN-LOSS MODEL (in blue):

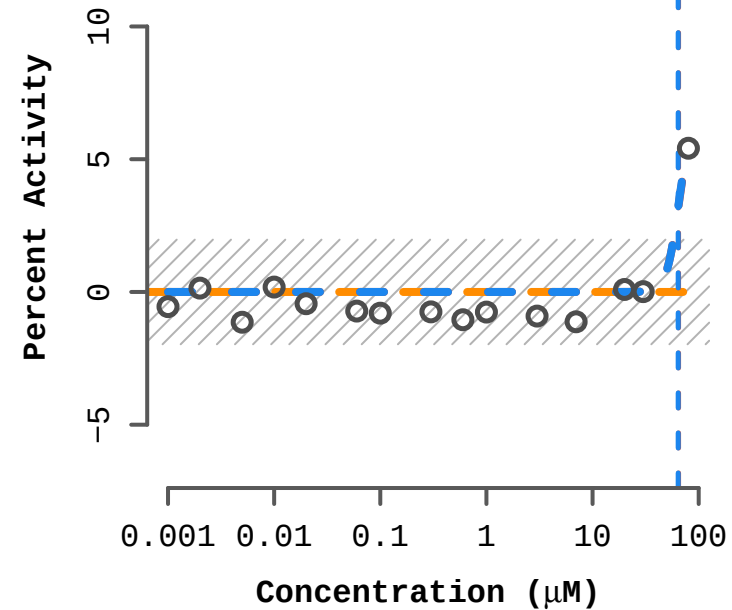
	tp	ga	gw	la	lw
val:	3.83	1.82	8	3.9	2.89
sd:	6.2	0.45	12.7	1200	1740

	CNST	HILL	GNLS
AIC:	42.01	37.46	41.46
PROB:	0.08	0.81	0.11
RMSE:	1.03	0.63	0.63

MAX_MEAN: 3.19

MAX_MED: 3.19

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tris(2-methoxyethoxy)vinylsilane

CHID: 27356 CASRN: 1067-53-4

SPID(S): Tox21_202344

M4ID: 11453468

HILL MODEL (in red):

	tp	ga	gw
val:	6.5	1.81	7.53
sd:	16.6	0.487	43.6

GAIN-LOSS MODEL (in blue):

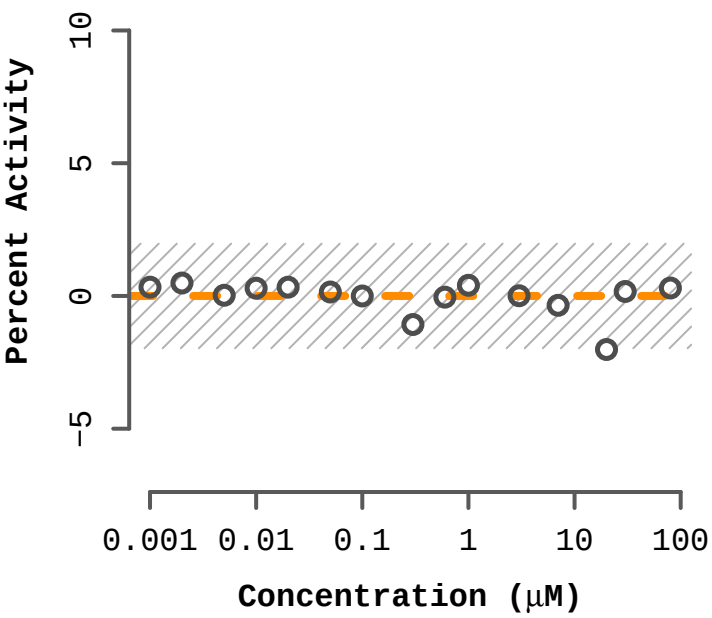
	tp	ga	gw	la	lw
val:	6.5	1.81	7.8	3.42	1.14
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	49.64	41.98	45.98
PROB:	0.02	0.86	0.12
RMSE:	1.56	0.7	0.7

MAX_MEAN: 5.41

MAX_MED: 5.41

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Hydroxy-2,2-dimethylpropyl 3-hydroxy-2,2-dimethylpropanoate

CHID: 27361 **CASRN:** 1115-20-4

SPID(S): Tox21_201302

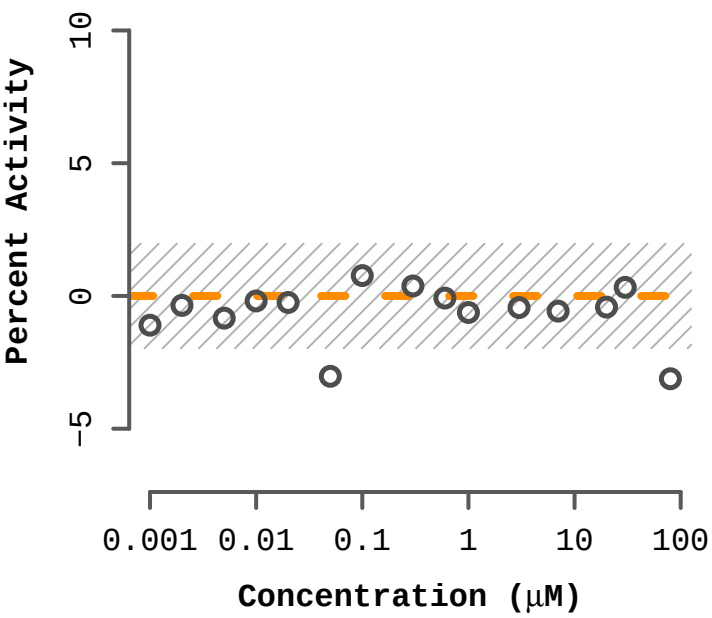
M4ID: 11454510

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.86	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 0.489 **MAX_MED:** 0.489 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isodecyl acrylate

CHID: 27386 CASRN: 1330-61-6

SPID(S): Tox21_201861

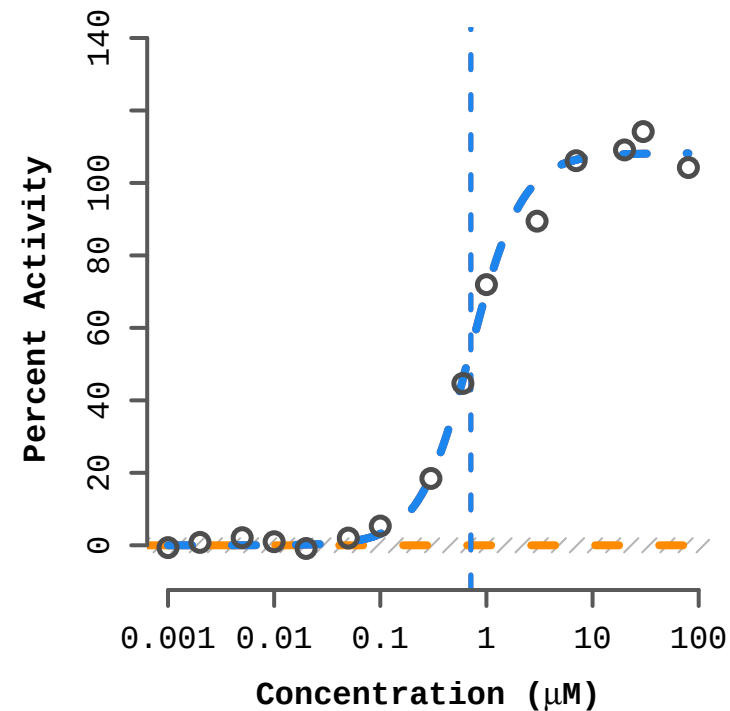
M4ID: 11453951

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.2	NA	NA
PROB:	1	NA	NA
RMSE:	1.24	NA	NA

MAX_MEAN: 0.769 MAX_MED: 0.769 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl isophthalate

CHID: 27402 CASRN: 1459-93-4

SPID(S): Tox21_201345

M4ID: 11454467

HILL MODEL (in red):

	tp	ga	gw
val:	108	-0.147	1.78
sd:	1.62	0.0181	0.153

GAIN-LOSS MODEL (in blue):

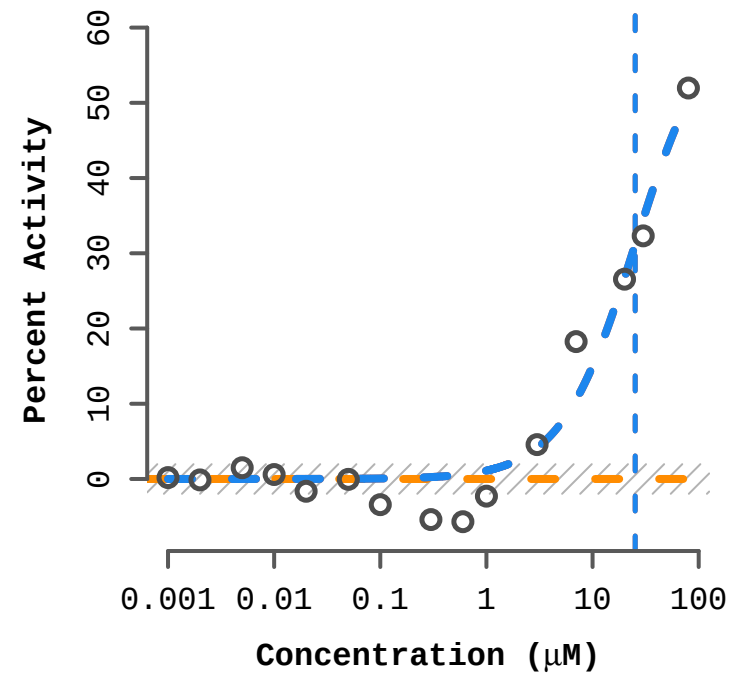
	tp	ga	gw	la	lw
val:	108	-0.147	1.78	3.86	15.3
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	170.42	84.16	88.16
PROB:	0	0.88	0.12
RMSE:	64.62	3.6	3.6

MAX_MEAN: 114

MAX_MED: 114

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tributyltin chloride

CHID: 27403 CASRN: 1461-22-9

SPID(S): Tox21_201626

M4ID: 11454186

HILL MODEL (in red):

	tp	ga	gw
val:	62.4	1.4	1.24
sd:	8.08	0.114	0.219

GAIN-LOSS MODEL (in blue):

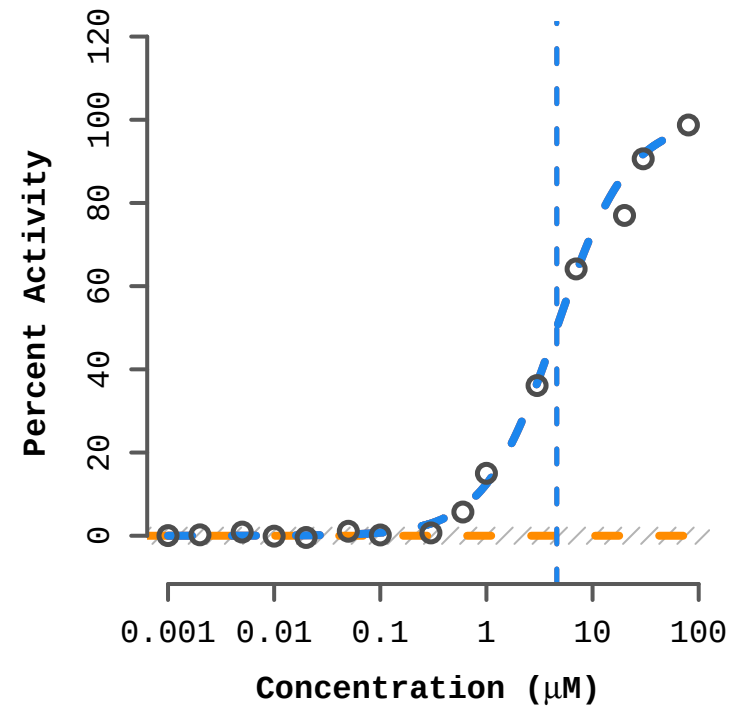
	tp	ga	gw	la	lw
val:	62.4	1.4	1.24	3.82	6.04
sd:	8.09	0.114	0.219	40600	128000

	CNST	HILL	GNLS
AIC:	126.53	86.15	90.15
PROB:	0	0.88	0.12
RMSE:	18.05	3.34	3.34

MAX_MEAN: 52

MAX_MED: 52

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethyl dichlorophosphate

CHID: 27407 CASRN: 1498-51-7

SPID(S): Tox21_201328

M4ID: 11454484

HILL MODEL (in red):

	tp	ga	gw
val:	100	0.663	1.28
sd:	1.98	0.0227	0.0926

GAIN-LOSS MODEL (in blue):

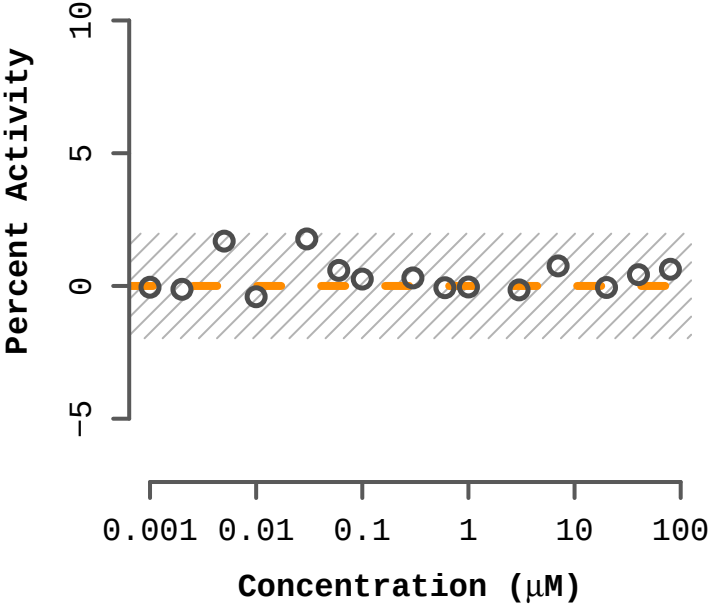
	tp	ga	gw	la	lw
val:	100	0.663	1.28	3.9	7.07
sd:	1.98	0.0227	0.0926	179000	613000

	CNST	HILL	GNLS
AIC:	160	70.19	74.19
PROB:	0	0.88	0.12
RMSE:	44.4	2.77	2.77

MAX_MEAN: 98.8

MAX_MED: 98.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3-Dihydro-2,2-dimethyl-7-benzofuranol

CHID: 27414 CASRN: 1563-38-8

SPID(S): Tox21_201958

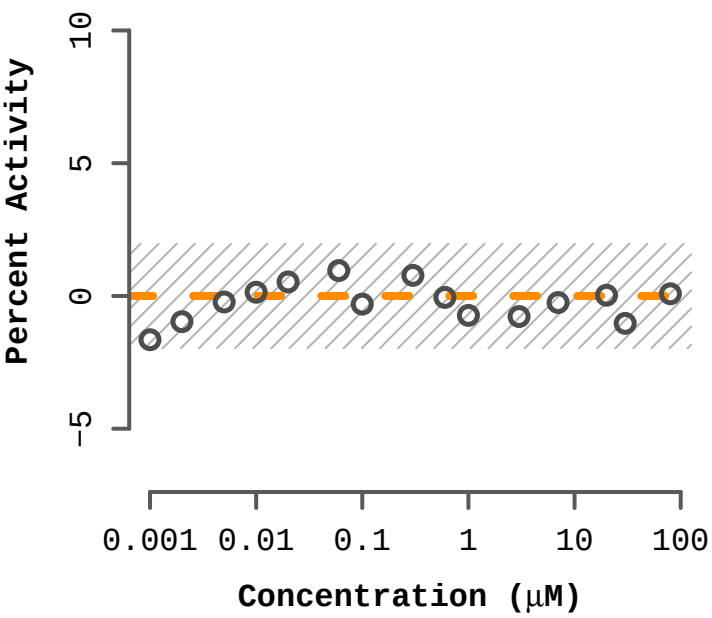
M4ID: 11453854

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.49	NA	NA
PROB:	1	NA	NA
RMSE:	0.72	NA	NA

MAX_MEAN:	1.77	MAX_MED:	1.77	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

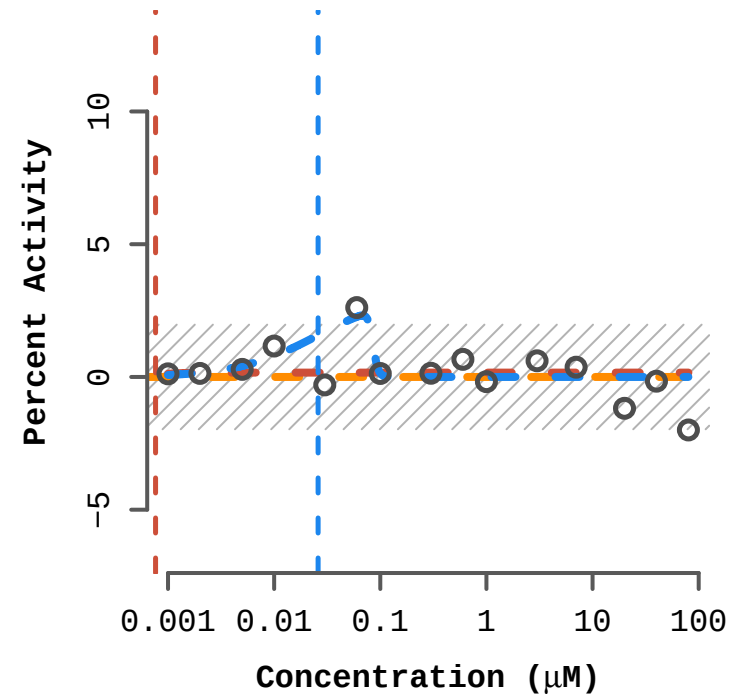
NAME: Cyclohexanol
CHID: 27429 CASRN: 1724-39-6
SPID(S): Tox21_201801
M4ID: 11454011

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.87	NA	NA
PROB:	1	NA	NA
RMSE:	0.72	NA	NA

MAX_MEAN: 0.957 MAX_MED: 0.957 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Dimethylaminopropionitrile

CHID: 27432 CASRN: 1738-25-6

SPID(S): Tox21_201364

M4ID: 11454448

HILL MODEL (in red):

	tp	ga	gw
val:	0.164	-3.12	3.41
sd:	0.2	2.9	50.6

GAIN-LOSS MODEL (in blue):

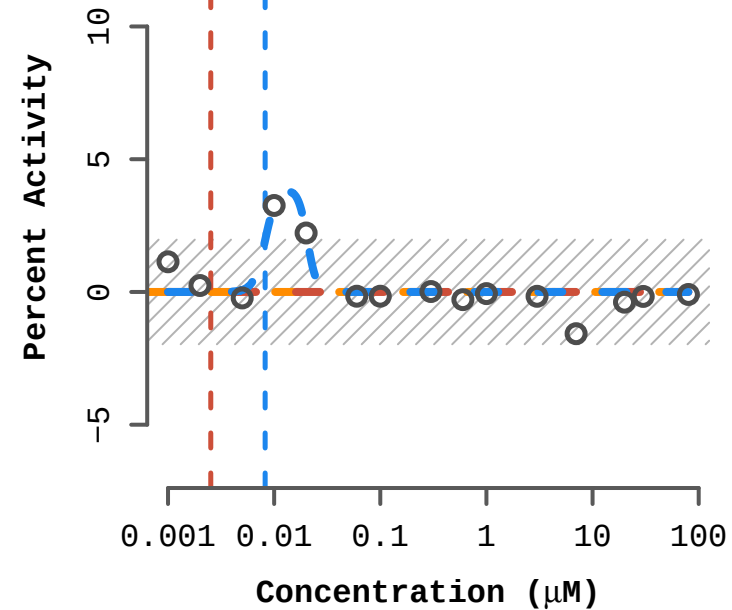
	tp	ga	gw	la	lw
val:	3.14	-1.59	1.14	-1.07	18
sd:	2.13	0.675	0.651	0.117	27.2

	CNST	HILL	GNLS
AIC:	42.01	47.29	46.74
PROB:	0.86	0.06	0.08
RMSE:	0.99	0.98	0.84

MAX_MEAN: 2.61

MAX_MED: 2.61

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-[3-(Trimethoxysilyl)propyl]ethane-1,2-diamine

CHID: 27433 CASRN: 1760-24-3

SPID(S): Tox21_201649

M4ID: 11454163

HILL MODEL (in red):

	tp	ga	gw
val:	3.41e-11	-2.6	3.28
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

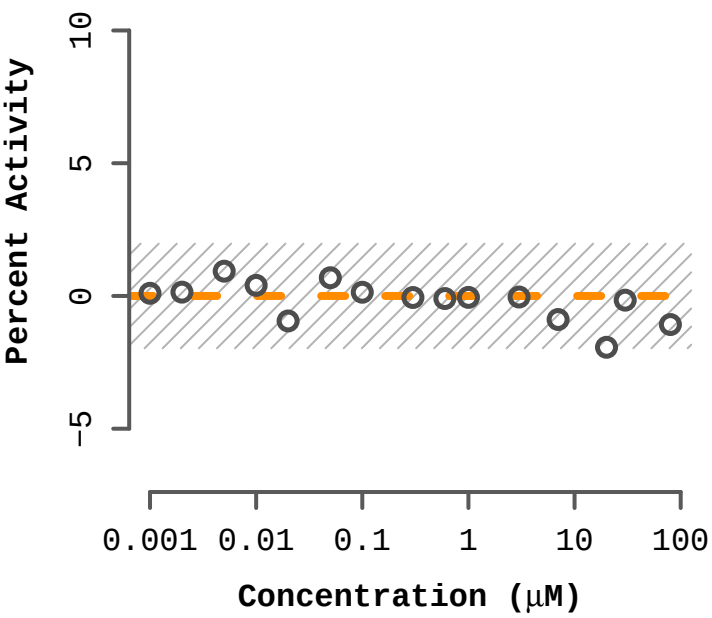
	tp	ga	gw	la	lw
val:	3.91	-2.08	8	-1.69	10.1
sd:	0.91	0.0529	3.42	0.0164	20

	CNST	HILL	GNLS
AIC:	43.9	49.9	29.34
PROB:	0	0	1
RMSE:	1.15	1.15	0.53

MAX_MEAN: 3.26

MAX_MED: 3.26

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dibutyl phosphite

CHID: 27438 **CASRN:** 1809-19-4

SPID(S): Tox21_201976

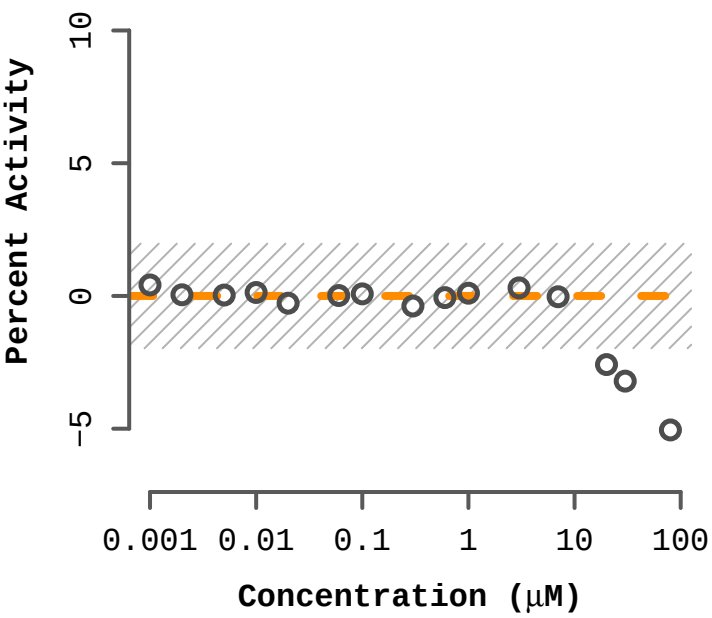
M4ID: 11453836

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.48	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 0.935 **MAX_MED:** 0.935 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Octabenzene

CHID: 27441 **CASRN:** 1843-05-6

SPID(S): Tox21_201383

M4ID: 11454429

HILL MODEL: Not applicable.

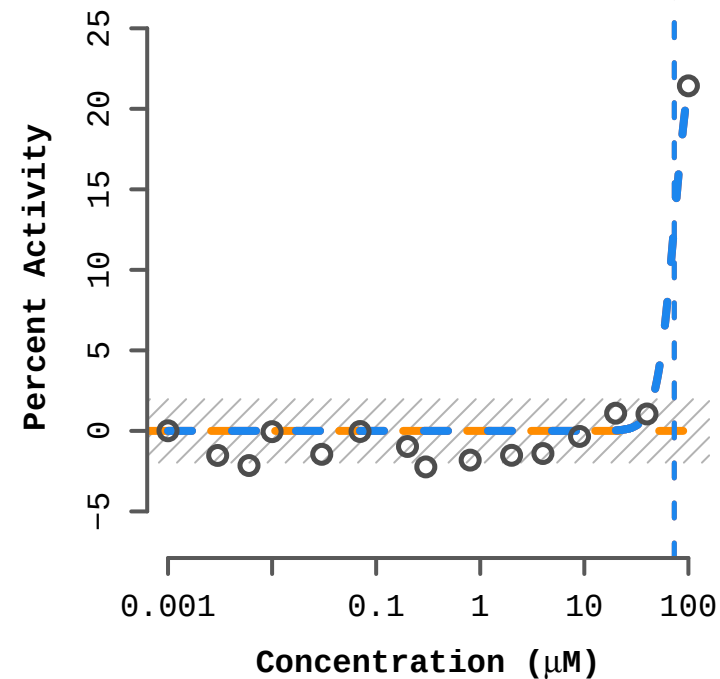
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51.61	NA	NA
PROB:	1	NA	NA
RMSE:	1.69	NA	NA

MAX_MEAN: 0.416

MAX_MED: 0.416

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-(Butoxymethyl)acrylamide

CHID: 27443 CASRN: 1852-16-0

SPID(S): Tox21_202366

M4ID: 11453446

HILL MODEL (in red):

	tp	ga	gw
val:	25.7	1.86	5.15
sd:	10.3	0.139	2.84

GAIN-LOSS MODEL (in blue):

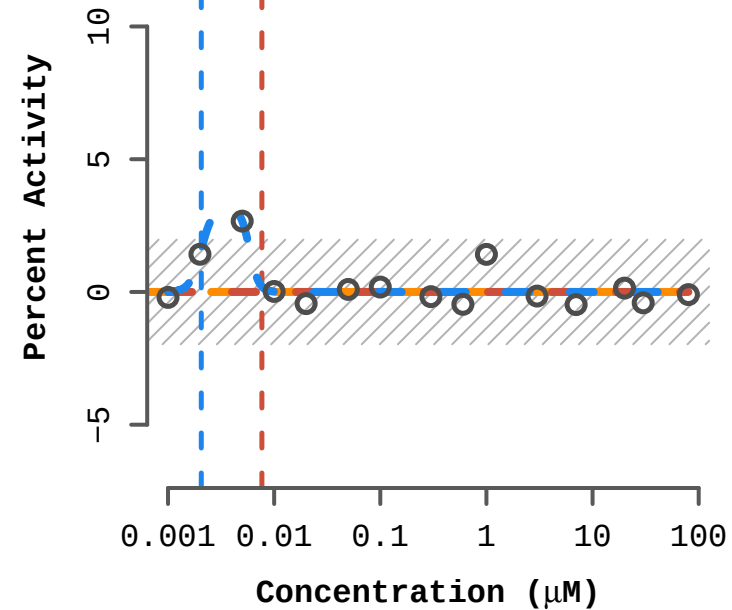
	tp	ga	gw	la	lw
val:	25.7	1.86	5.15	2.71	10.4
sd:	10.4	0.139	2.85	1690	24800

	CNST	HILL	GNLS
AIC:	75.26	59.24	63.24
PROB:	0	0.88	0.12
RMSE:	5.68	1.26	1.26

MAX_MEAN: 21.4

MAX_MED: 21.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N-Dimethylacetoacetamide

CHID: 27454 CASRN: 2044-64-6

SPID(S): Tox21_201898

M4ID: 11453914

HILL MODEL (in red):

	tp	ga	gw
val:	$1.33\text{e-}10$	-2.12	1.99
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

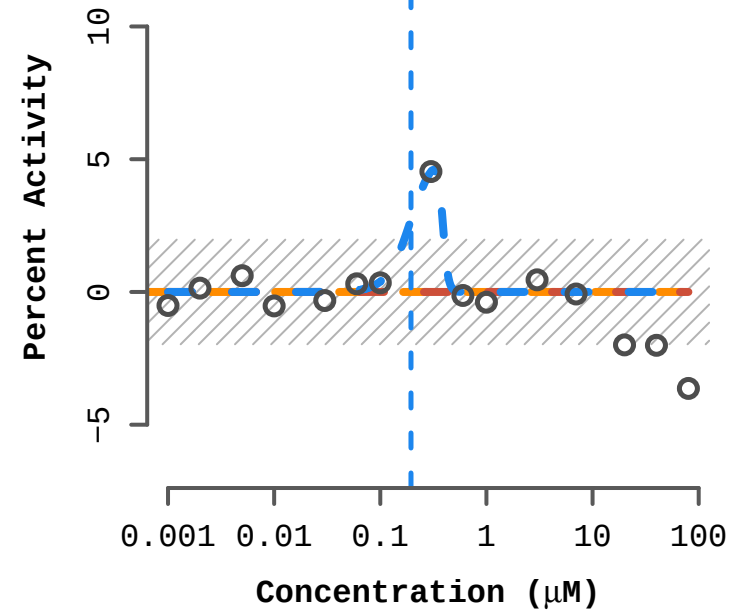
	tp	ga	gw	la	lw
val:	3.2	-2.69	8	-2.23	10.1
sd:	0.982	0.0287	8.01	0.0448	12.4

	CNST	HILL	GNLS
AIC:	36.61	42.61	25.72
PROB:	0	0	1
RMSE:	0.9	0.9	0.45

MAX_MEAN: 2.67

MAX_MED: 2.67

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Thiocarbazine

CHID: 27461 CASRN: 2231-57-4

SPID(S): Tox21_201365

M4ID: 11454447

HILL MODEL (in red):

	tp	ga	gw
val:	0.000184	2.4	7.97
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

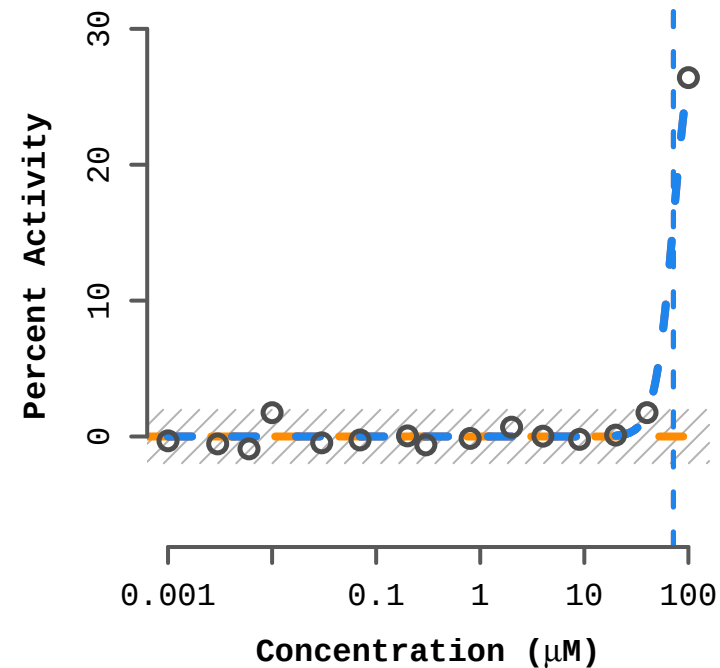
	tp	ga	gw	la	lw
val:	5.44	-0.711	3.83	-0.41	18
sd:	7.79	0.665	6.98	0.603	69.8

	CNST	HILL	GNLS
AIC:	56.71	62.71	55.62
PROB:	0.36	0.02	0.62
RMSE:	1.7	1.7	1.23

MAX_MEAN: 4.54

MAX_MED: 4.54

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: UT-632

CHID: 27466 CASRN: 2386-87-0

SPID(S): Tox21_202388

M4ID: 11453424

HILL MODEL (in red):

	tp	ga	gw
val:	31.7	1.86	4.85
sd:	1.07	0.0137	0.379

GAIN-LOSS MODEL (in blue):

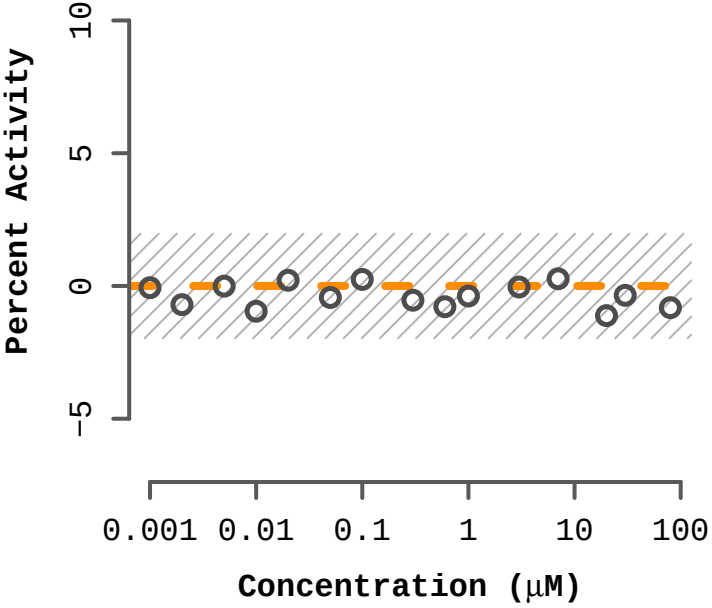
	tp	ga	gw	la	lw
val:	31.7	1.86	4.85	3.5	4.1
sd:	1.07	0.0137	0.38	1300	3570

	CNST	HILL	GNLS
AIC:	65.02	33.01	37.01
PROB:	0	0.88	0.12
RMSE:	6.86	0.61	0.61

MAX_MEAN: 26.4

MAX_MED: 26.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Trimethoxy[3-(oxiran-2-ylmethoxy)propyl]silane

CHID: 27489 **CASRN:** 2530-83-8

SPID(S): Tox21_201672

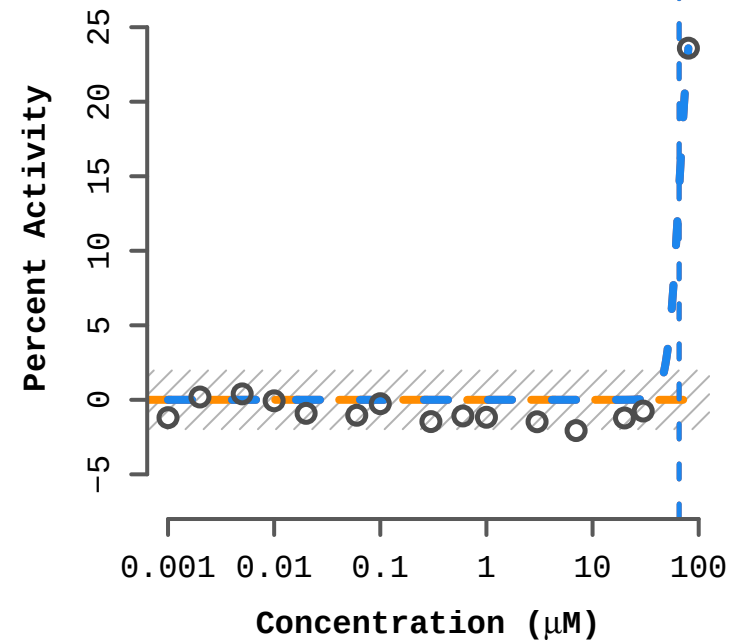
M4ID: 11454140

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.1	NA	NA
PROB:	1	NA	NA
RMSE:	0.57	NA	NA

MAX_MEAN: 0.272 **MAX_MED:** 0.272 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-D sodium salt

CHID: 27496 CASRN: 2702-72-9

SPID(S): Tox21_201377

M4ID: 11454435

HILL MODEL (in red):

	tp	ga	gw
val:	28.3	1.82	8
sd:	6.84	0.0265	5.91

GAIN-LOSS MODEL (in blue):

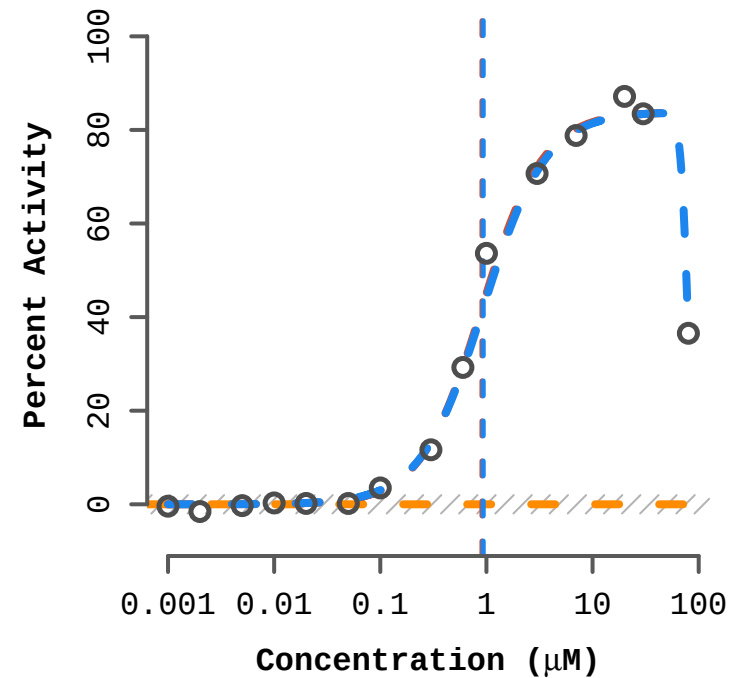
	tp	ga	gw	la	lw
val:	28.3	1.82	8	3.36	6.38
sd:	6.84	0.0265	5.9	17100	74800

	CNST	HILL	GNLS
AIC:	72.15	54.34	58.34
PROB:	0	0.88	0.12
RMSE:	6.18	1.06	1.06

MAX_MEAN: 23.6

MAX_MED: 23.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Bis(2-isocyanatopropan-2-yl)benzene

CHID: 27498 CASRN: 2778-42-9

SPID(S): Tox21_202410

M4ID: 11453402

HILL MODEL (in red):

	tp	ga	gw
val:	83.8	-0.0422	1.51
sd:	1.8	0.0398	0.149

GAIN-LOSS MODEL (in blue):

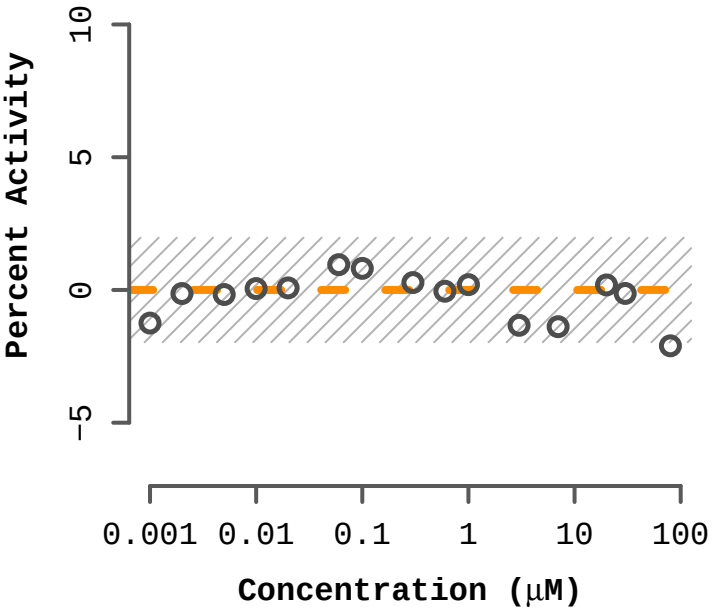
	tp	ga	gw	la	lw
val:	83.9	-0.03	1.47	1.89	13.1
sd:	1.05	0.0192	0.0735	0.00479	2.62

	CNST	HILL	GNLS
AIC:	159.27	98.12	73.78
PROB:	0	0	1
RMSE:	45.45	12.46	2.79

MAX_MEAN: 87.2

MAX_MED: 87.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Propoxyethanol

CHID: 27500 CASRN: 2807-30-9

SPID(S): Tox21_201994

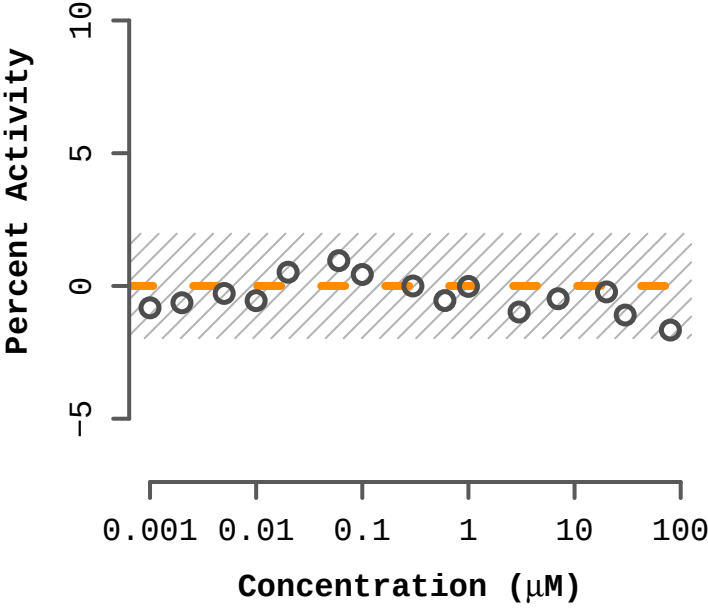
M4ID: 11453818

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.04	NA	NA
PROB:	1	NA	NA
RMSE:	0.87	NA	NA

MAX_MEAN: 0.955 MAX_MED: 0.955 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Isopropyl-6-methyl-4-pyrimidone

CHID: 27502 **CASRN:** 2814-20-2

SPID(S): Tox21_201995

M4ID: 11453817

HILL MODEL: Not applicable.

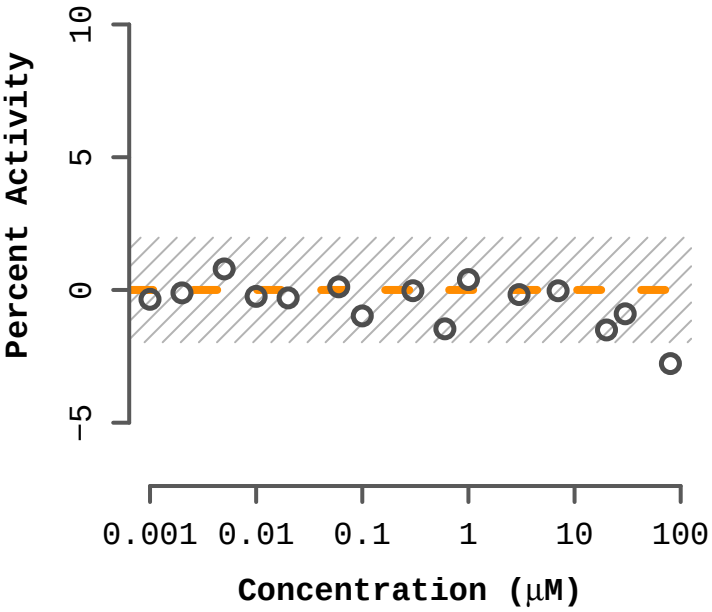
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.09	NA	NA
PROB:	1	NA	NA
RMSE:	0.74	NA	NA

MAX_MEAN: 0.955

MAX_MED: 0.955

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

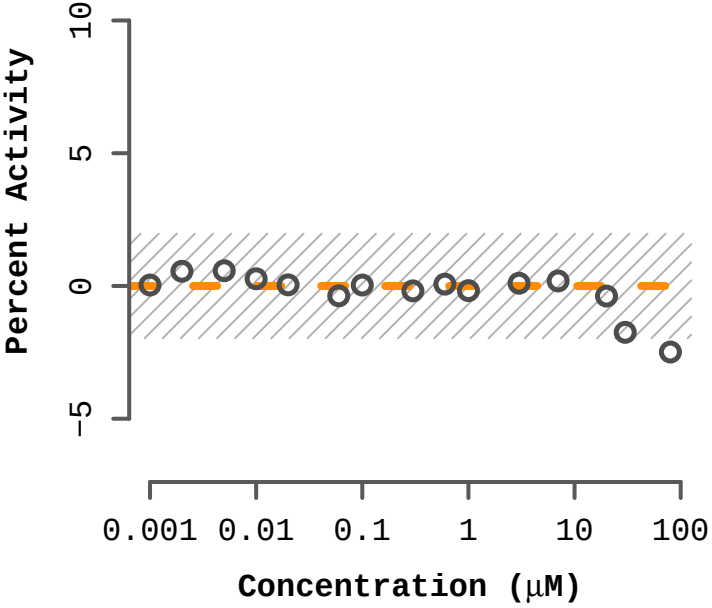
NAME: Isophorone diamine
CHID: 27503 CASRN: 2855-13-2
SPID(S): Tox21_201401
M4ID: 11454411

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.5	NA	NA
PROB:	1	NA	NA
RMSE:	1	NA	NA

MAX_MEAN: 0.792 MAX_MED: 0.792 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(Dimethylamino)ethyl methacrylate

CHID: 27504 CASRN: 2867-47-2

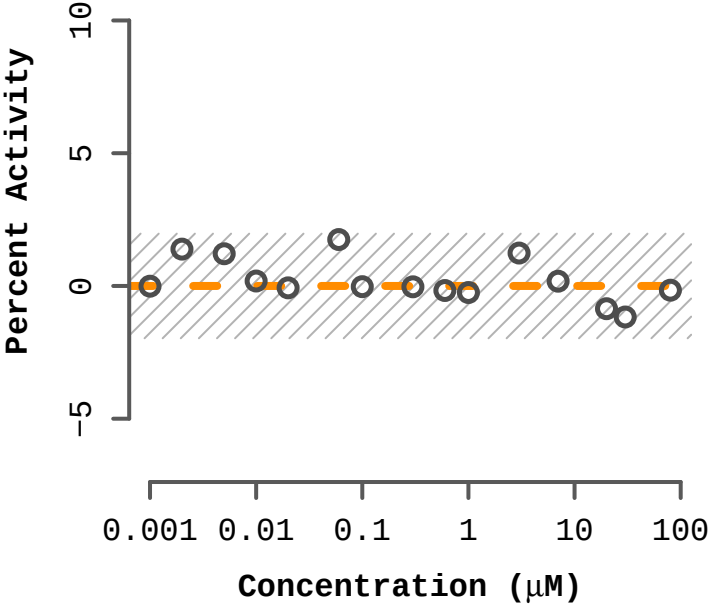
SPID(S): Tox21_201694

M4ID: 11454118

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.02	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA
MAX_MEAN: 0.574		MAX_MED: 0.574	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bis[2-(dimethylamino)ethyl]ether

CHID: 27512 **CASRN:** 3033-62-3

SPID(S): Tox21_202013

M4ID: 11453799

HILL MODEL: Not applicable.

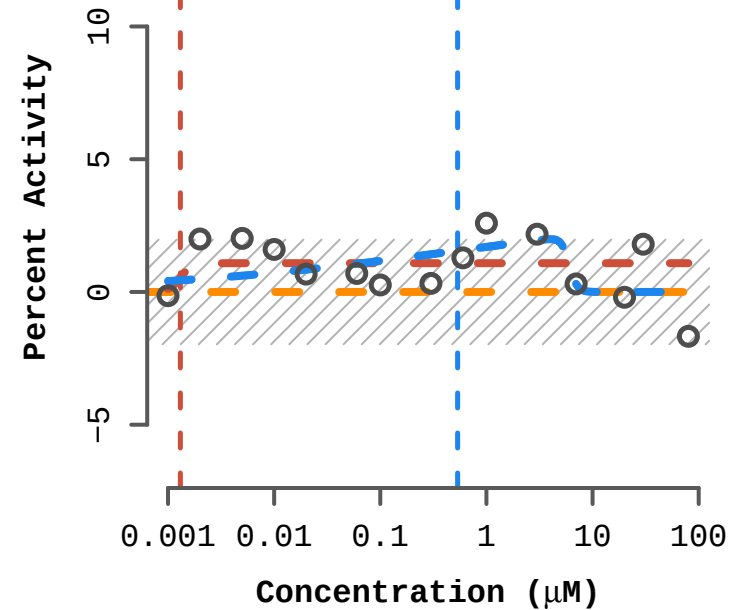
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.16	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN: 1.75

MAX_MED: 1.75

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N,N,N',N',N'',N''-Hexakis(methoxymethyl)-1,3,5-

CHID: 27520 CASRN: 3089-11-0

SPID(S): Tox21_201599

M4ID: 11454213

HILL MODEL (in red):

	tp	ga	gw
val:	1.08	-2.88	8
sd:	0.299	0.189	10.1

GAIN-LOSS MODEL (in blue):

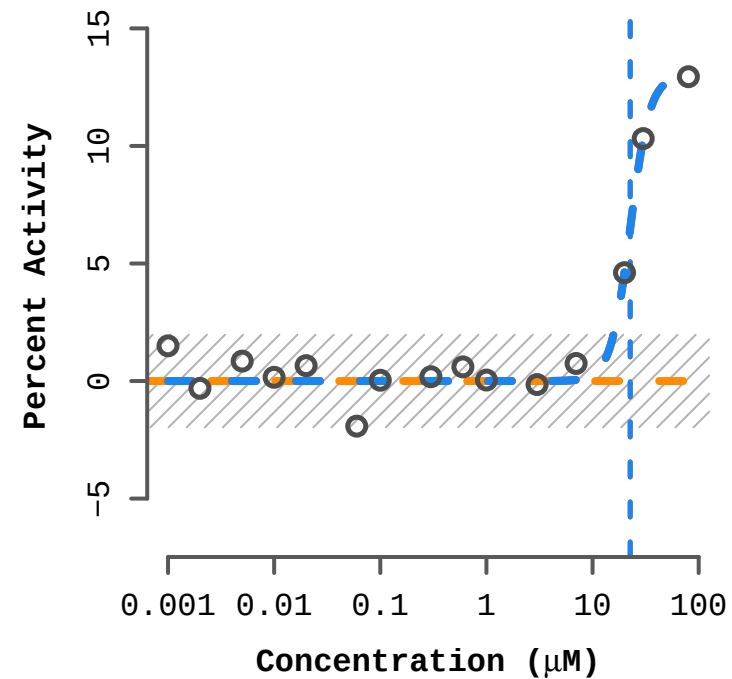
	tp	ga	gw	la	lw
val:	3.1	-0.271	0.3	0.778	11.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	57.37	53.38	55.65
PROB:	0.09	0.69	0.22
RMSE:	1.44	1.08	0.98

MAX_MEAN: 2.59

MAX_MED: 2.59

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Octrizole

CHID: 27522 CASRN: 3147-75-9

SPID(S): Tox21_201456

M4ID: 11454356

HILL MODEL (in red):

	tp	ga	gw
val:	13	1.35	4.74
sd:	0.446	0.0136	0.716

GAIN-LOSS MODEL (in blue):

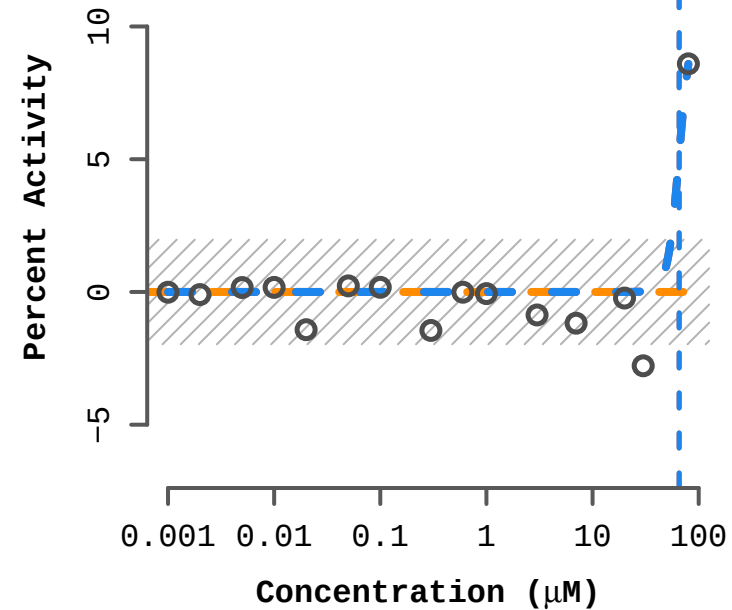
	tp	ga	gw	la	lw
val:	13	1.35	4.74	3.55	6.01
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	81.09	39.16	43.16
PROB:	0	0.88	0.12
RMSE:	4.5	0.74	0.74

MAX_MEAN: 12.9

MAX_MED: 12.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,5,6,9,10-Hexabromocyclododecane

CHID: 27527 CASRN: 3194-55-6

SPID(S): Tox21_201402

M4ID: 11454410

HILL MODEL (in red):

	tp	ga	gw
val:	10.3	1.82	8
sd:	3.92	0.0684	7.4

GAIN-LOSS MODEL (in blue):

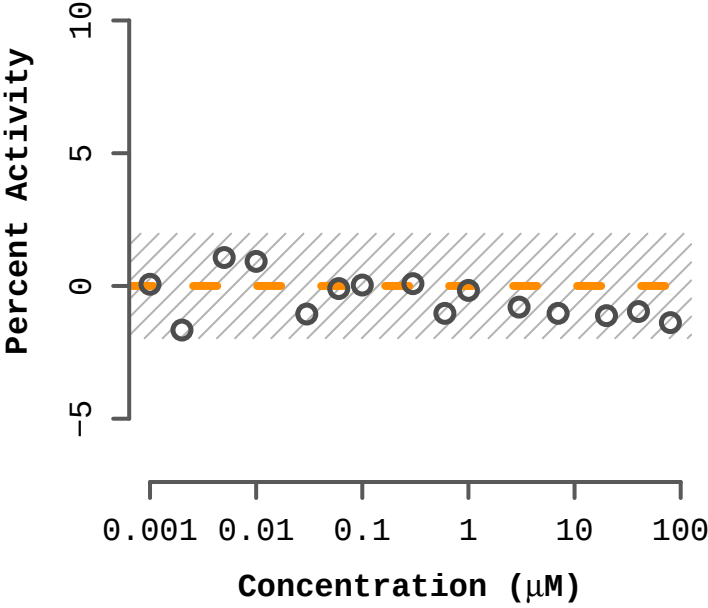
	tp	ga	gw	la	lw
val:	10.3	1.82	8	3.9	3.63
sd:	3.93	0.0686	7.41	3560	6480

	CNST	HILL	GNLS
AIC:	58.26	46.46	50.46
PROB:	0	0.88	0.12
RMSE:	2.42	0.98	0.98

MAX_MEAN: 8.59

MAX_MED: 8.59

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-(Methylthio)propanal

CHID: 27528 **CASRN:** 3268-49-3

SPID(S): Tox21_201978

M4ID: 11453834

HILL MODEL: Not applicable.

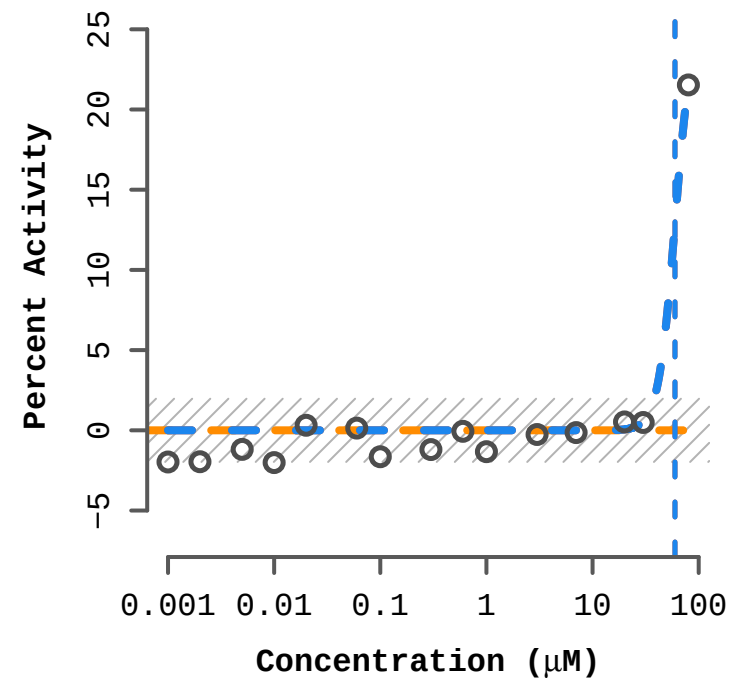
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.42	NA	NA
PROB:	1	NA	NA
RMSE:	0.92	NA	NA

MAX_MEAN: 1.07

MAX_MED: 1.07

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Trimethylolpropane trimethacrylate

CHID: 27530 CASRN: 3290-92-4

SPID(S): Tox21_201794

M4ID: 11454018

HILL MODEL (in red):

	tp	ga	gw
val:	25.8	1.78	5.53
sd:	7.19	0.0802	2.92

GAIN-LOSS MODEL (in blue):

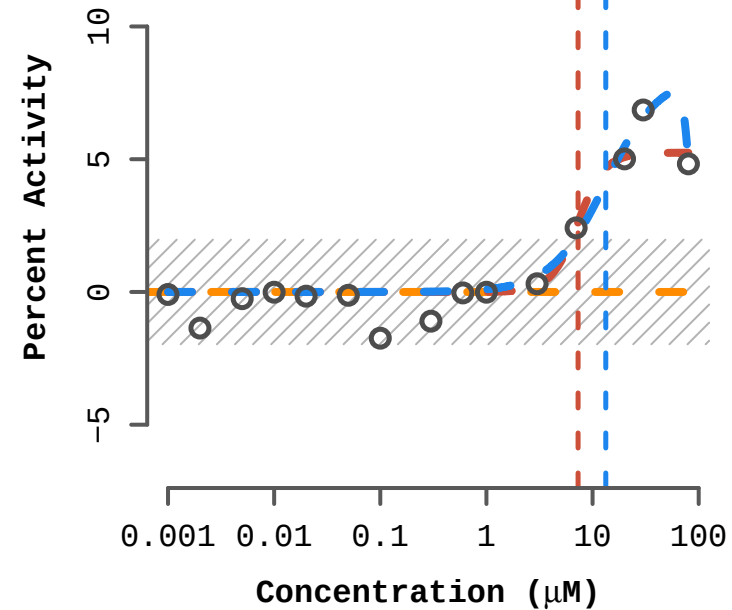
	tp	ga	gw	la	lw
val:	25.8	1.78	5.53	3.15	9.89
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	72.64	55.6	59.6
PROB:	0	0.88	0.12
RMSE:	5.68	1.14	1.14

MAX_MEAN: 21.5

MAX_MED: 21.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Butylbenzenesulfonamide

CHID: 27540 CASRN: 3622-84-2

SPID(S): Tox21_201692

M4ID: 11454120

HILL MODEL (in red):

	tp	ga	gw
val:	5.25	0.864	3.41
sd:	0.454	0.0512	1.76

GAIN-LOSS MODEL (in blue):

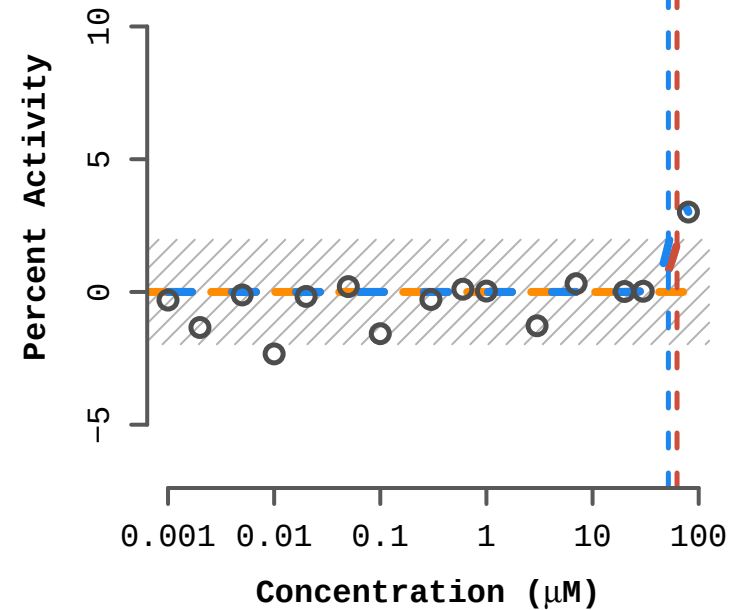
	tp	ga	gw	la	lw
val:	8.23	1.12	1.7	1.92	13.3
sd:	2.3	0.21	0.497	0.00926	16

	CNST	HILL	GNLS
AIC:	71.28	40.77	39.38
PROB:	0	0.33	0.67
RMSE:	2.68	0.78	0.67

MAX_MEAN: 6.85

MAX_MED: 6.85

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Disodium 4,4'-dinitro-2,2'-stilbenedisulfonate

CHID: 27542 CASRN: 3709-43-1

SPID(S): Tox21_201776

M4ID: 11454036

HILL MODEL (in red):

	tp	ga	gw
val:	3.61	1.8	6.53
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

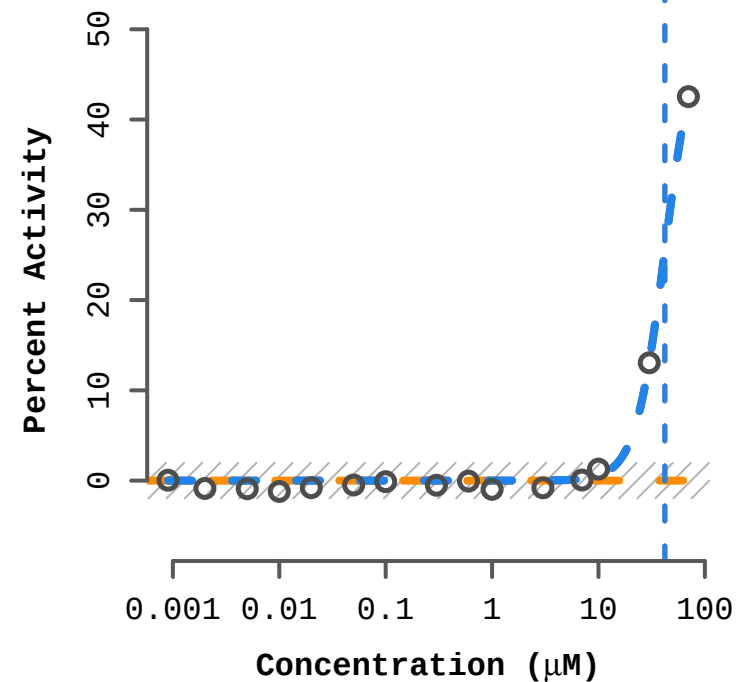
	tp	ga	gw	la	lw
val:	3.59	1.71	8	1.96	13.1
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	47.14	43.79	47.79
PROB:	0.14	0.76	0.1
RMSE:	1.18	0.88	0.88

MAX_MEAN: 3.01

MAX_MED: 3.01

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Butenoic acid

CHID: 27544 CASRN: 3724-65-0

SPID(S): Tox21_201730

M4ID: 11454082

HILL MODEL (in red):

	tp	ga	gw
val:	51	1.62	3.15
sd:	0.973	0.00991	0.123

GAIN-LOSS MODEL (in blue):

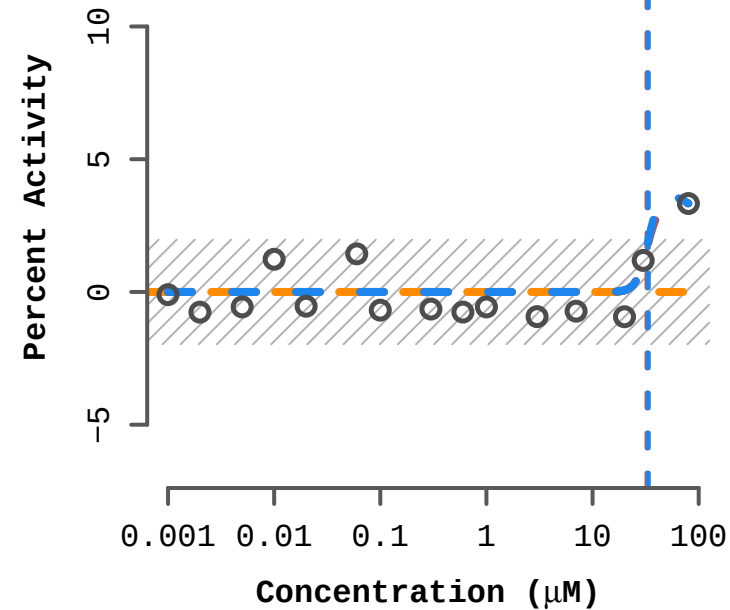
	tp	ga	gw	la	lw
val:	51	1.62	3.15	3.63	4.76
sd:	0.973	0.00991	0.123	1850	4950

	CNST	HILL	GNLS
AIC:	88.58	39.15	43.15
PROB:	0	0.88	0.12
RMSE:	11.51	0.64	0.64

MAX_MEAN: 42.5

MAX_MED: 42.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium chloroacetate

CHID: 27550 CASRN: 3926-62-3

SPID(S): Tox21_202011

M4ID: 11453801

HILL MODEL (in red):

	tp	ga	gw
val:	3.34	1.51	8
sd:	0.632	0.0677	7.86

GAIN-LOSS MODEL (in blue):

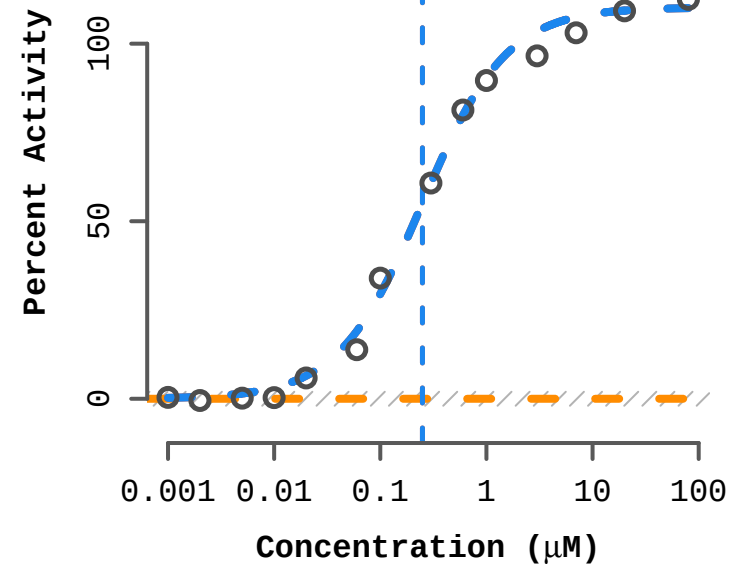
	tp	ga	gw	la	lw
val:	4	1.53	8	2.24	2.08
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	49.26	45.05	49.04
PROB:	0.1	0.79	0.11
RMSE:	1.19	0.77	0.77

MAX_MEAN: 3.33

MAX_MED: 3.33

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Calcium propionate

CHID: 27556 CASRN: 4075-81-4

SPID(S): Tox21_202432

M4ID: 11453380

HILL MODEL (in red):

	tp	ga	gw
val:	110	-0.603	1.1
sd:	2.14	0.0335	0.0873

GAIN-LOSS MODEL (in blue):

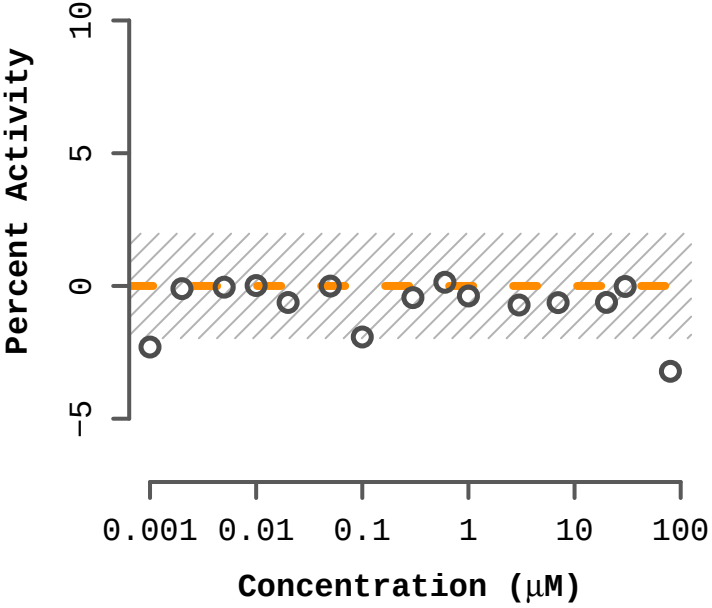
	tp	ga	gw	la	lw
val:	110	-0.603	1.1	3.81	17.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	174.68	88.56	92.56
PROB:	0	0.88	0.12
RMSE:	72.05	3.49	3.49

MAX_MEAN: 117

MAX_MED: 117

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methylbenzenesulfonyl isocyanate

CHID: 27558 CASRN: 4083-64-1

SPID(S): Tox21_201698

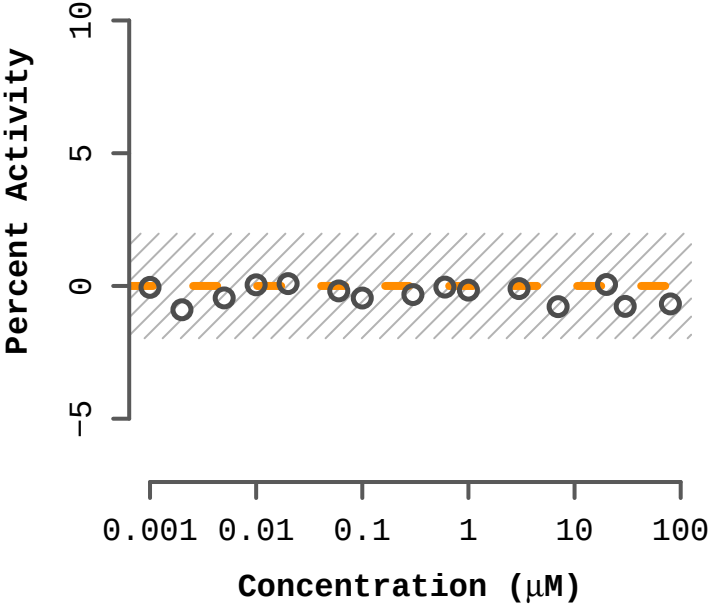
M4ID: 11454114

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.48	NA	NA
PROB:	1	NA	NA
RMSE:	1.19	NA	NA

MAX_MEAN: 0.14	MAX_MED: 0.14	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Pentaethylene glycol

CHID: 27579 CASRN: 4792-15-8

SPID(S): Tox21_201721

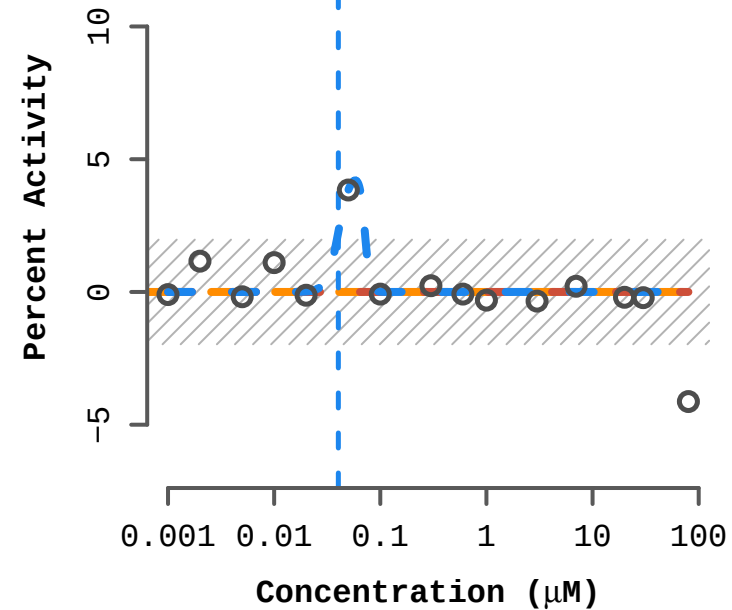
M4ID: 11454091

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	21.32	NA	NA
PROB:	1	NA	NA
RMSE:	0.45	NA	NA

MAX_MEAN: 0.0896 MAX_MED: 0.0896 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-(Diglycidylamino)phenyl glycidyl ether

CHID: 27585 CASRN: 5026-74-4

SPID(S): Tox21_201879

M4ID: 11453933

HILL MODEL (in red):

	tp	ga	gw
val:	0.000232	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

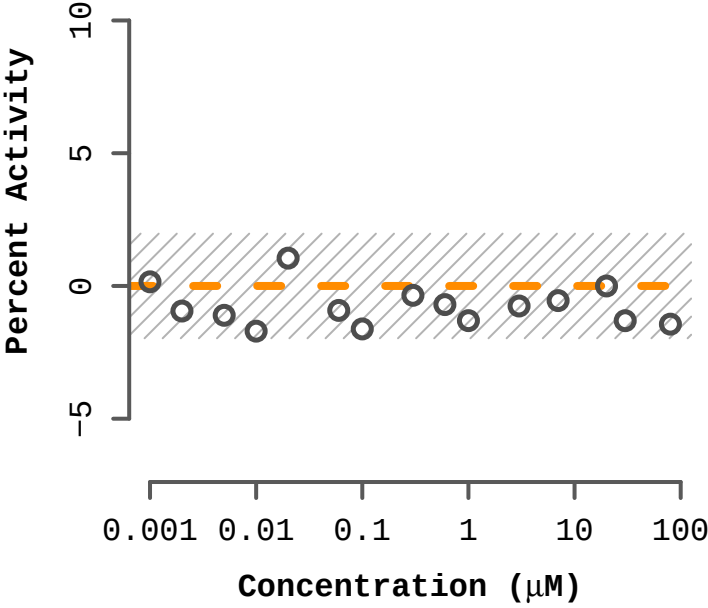
	tp	ga	gw	la	lw
val:	4.53	-1.4	8	-1.15	18
sd:	10.2	0.673	14.7	0.484	59.3

	CNST	HILL	GNLS
AIC:	48.9	54.9	45.05
PROB:	0.13	0.01	0.87
RMSE:	1.52	1.52	1.16

MAX_MEAN: 3.84

MAX_MED: 3.84

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Chlorobenzotrichloride

CHID: 27593 CASRN: 5216-25-1

SPID(S): Tox21_201845

M4ID: 11453967

HILL MODEL: Not applicable.

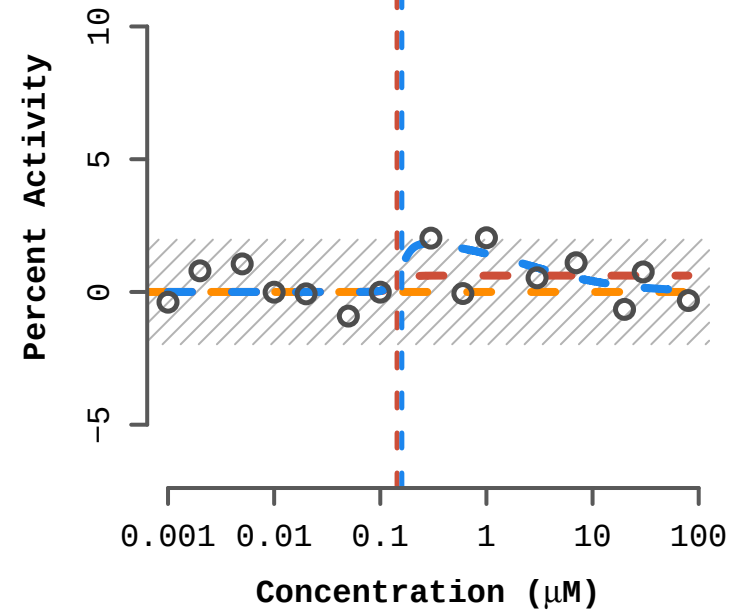
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.59	NA	NA
PROB:	1	NA	NA
RMSE:	1.05	NA	NA

MAX_MEAN: 1.05

MAX_MED: 1.05

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Methoxypropylamine

CHID: 27596 CASRN: 5332-73-0

SPID(S): Tox21_201250

M4ID: 11454562

HILL MODEL (in red):

	tp	ga	gw
val:	0.616	-0.842	8
sd:	0.34	0.609	20.2

GAIN-LOSS MODEL (in blue):

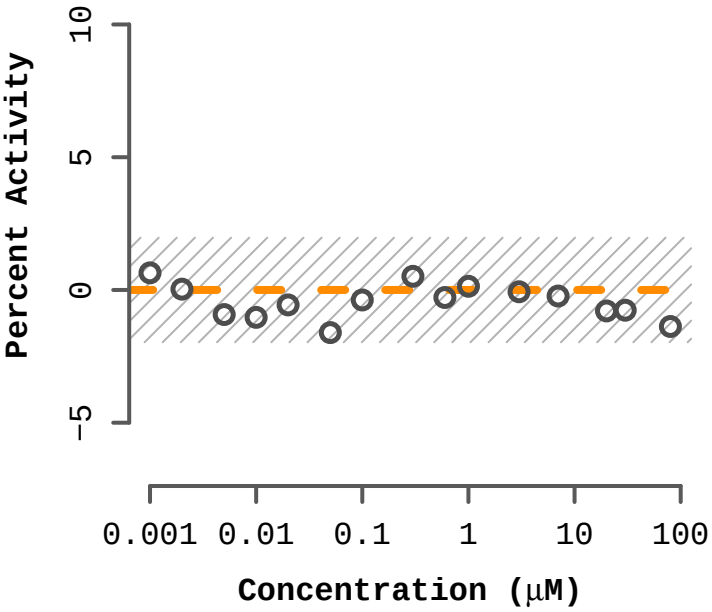
	tp	ga	gw	la	lw
val:	2.06	-0.797	8	0.374	0.97
sd:	1.62	0.364	12.2	1.09	1.24

	CNST	HILL	GNLS
AIC:	43.38	46.13	45.59
PROB:	0.63	0.16	0.21
RMSE:	0.95	0.82	0.72

MAX_MEAN: 2.04

MAX_MED: 2.04

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triisopropyl orthoborate

CHID: 27598 CASRN: 5419-55-6

SPID(S): Tox21_201514

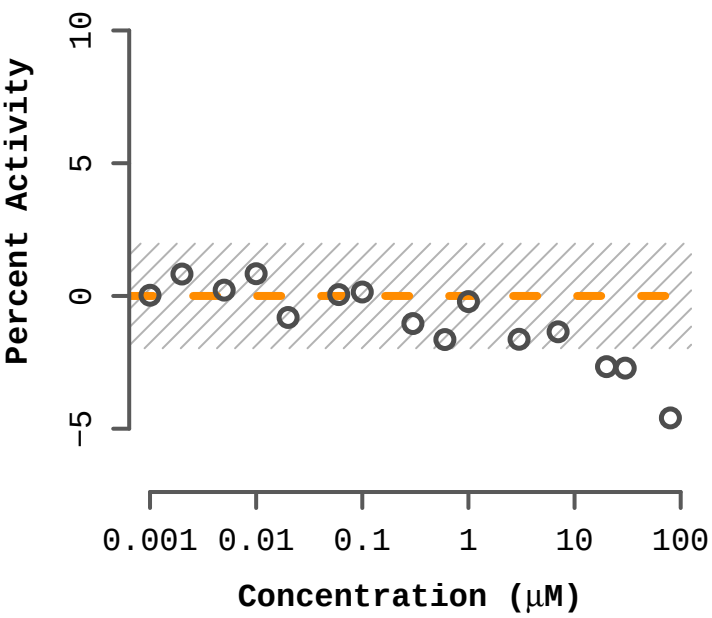
M4ID: 11454298

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.95	NA	NA
PROB:	1	NA	NA
RMSE:	0.77	NA	NA

MAX_MEAN: 0.647	MAX_MED: 0.647	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-[4-(Diethylamino)-2-hydroxybenzoyl]benzoic acid

CHID: 27604 CASRN: 5809-23-4

SPID(S): Tox21_201935

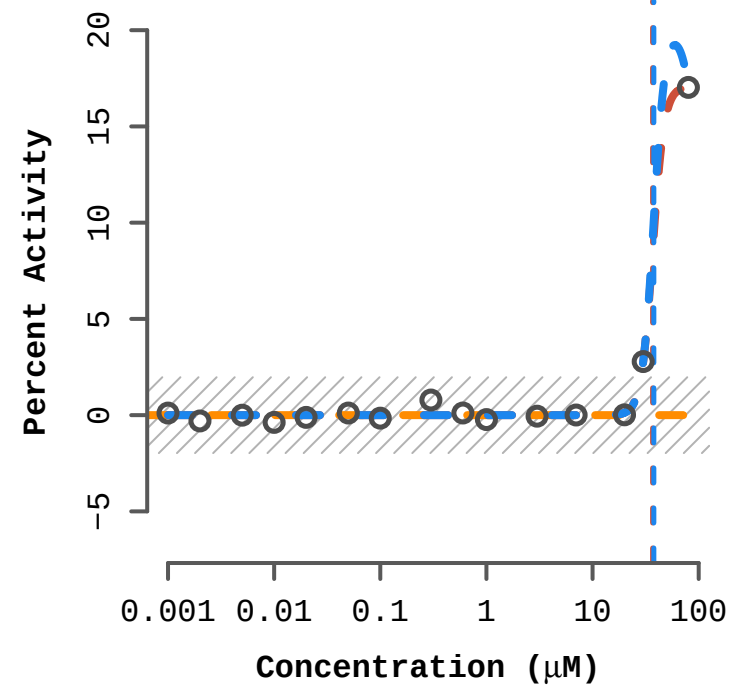
M4ID: 11453877

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	60.44	NA	NA
PROB:	1	NA	NA
RMSE:	1.75	NA	NA

MAX_MEAN: 0.839 MAX_MED: 0.839 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-(3-Amino-4-methoxyphenyl)acetamide

CHID: 27620 CASRN: 6375-47-9

SPID(S): Tox21_201396

M4ID: 11454416

HILL MODEL (in red):

	tp	ga	gw
val:	17.1	1.57	8
sd:	0.148	0.00555	0.304

GAIN-LOSS MODEL (in blue):

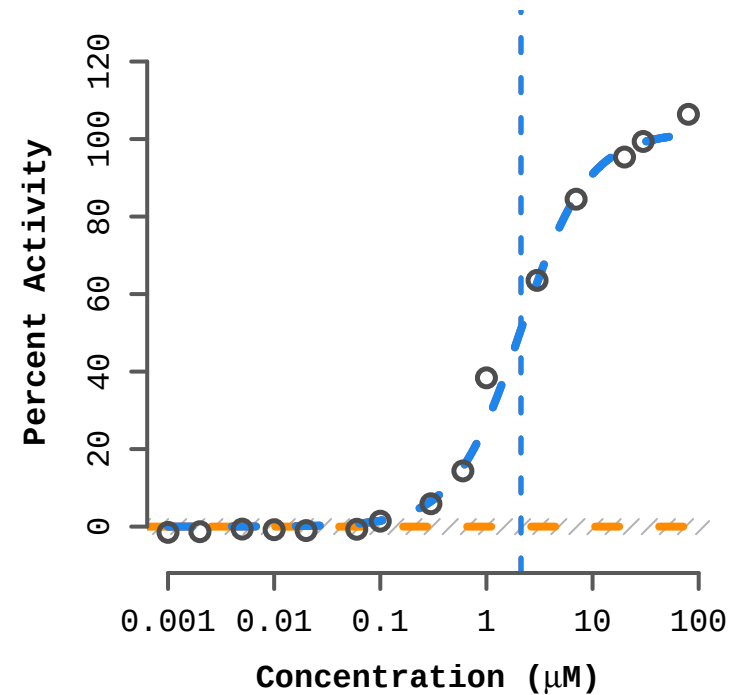
	tp	ga	gw	la	lw
val:	20.4	1.58	8	2.02	5.81
sd:	0.282	0.00547	0.267	0.00684	0.296

	CNST	HILL	GNLS
AIC:	53.4	5.78	9.74
PROB:	0	0.88	0.12
RMSE:	4.46	0.26	0.26

MAX_MEAN: 17

MAX_MED: 17

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2,4-Trimethyl-1,3-pentanediol diisobutyrate

CHID: 27635 CASRN: 6846-50-0

SPID(S): Tox21_202454

M4ID: 11453358

HILL MODEL (in red):

	tp	ga	gw
val:	102	0.326	1.37
sd:	1.83	0.0225	0.0725

GAIN-LOSS MODEL (in blue):

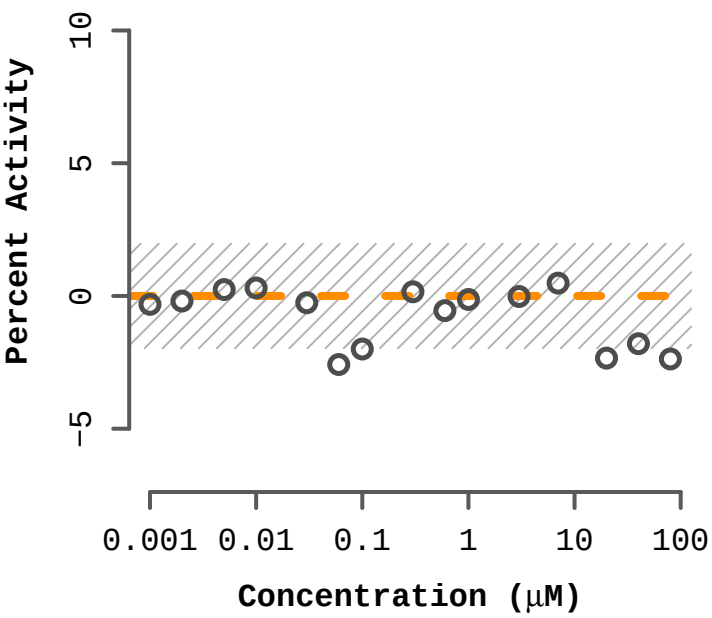
	tp	ga	gw	la	lw
val:	102	0.326	1.37	3.53	18
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	163.69	77.94	81.94
PROB:	0	0.88	0.12
RMSE:	53.66	3.44	3.44

MAX_MEAN: 106

MAX_MED: 106

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Malic acid

CHID: 27640 CASRN: 6915-15-7

SPID(S): Tox21_201536

M4ID: 11454276

HILL MODEL: Not applicable.

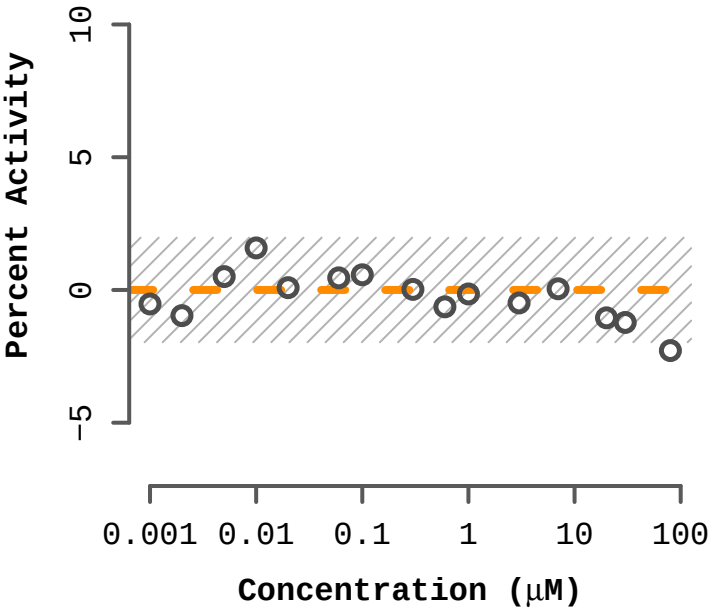
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	52.58	NA	NA
PROB:	1	NA	NA
RMSE:	1.31	NA	NA

MAX_MEAN: 0.484

MAX_MED: 0.484

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyldiallylammonium chloride

CHID: 27650 **CASRN:** 7398-69-8

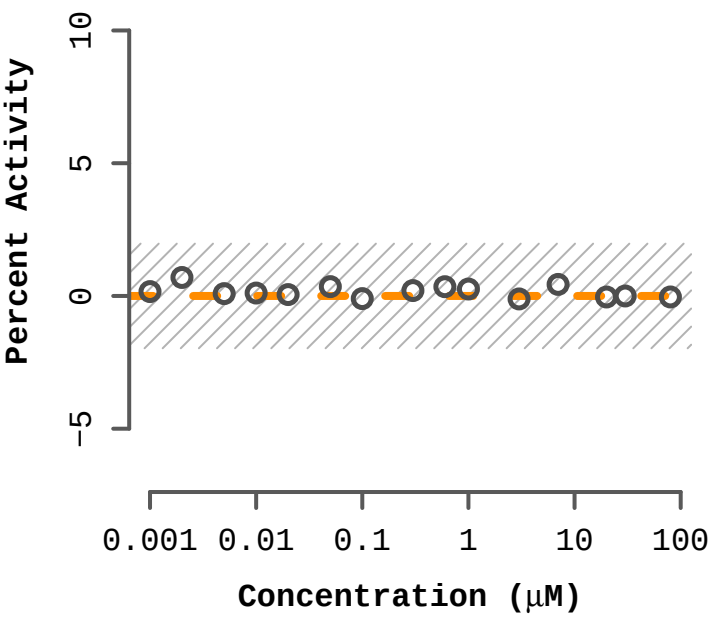
SPID(S): Tox21_201695

M4ID: 11454117

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	42.43	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.93	NA	NA	
MAX_MEAN:	1.58	MAX_MED:	1.58	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

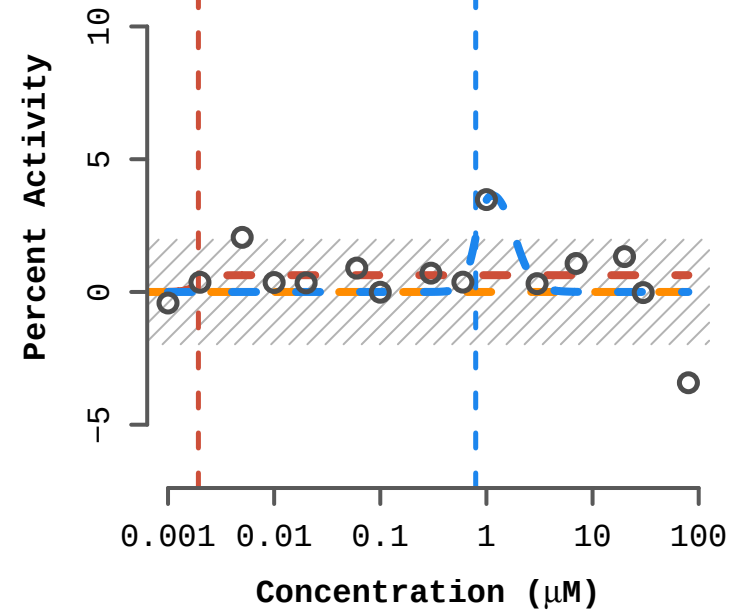
NAME: Isobornyl methacrylate
CHID: 27653 **CASRN:** 7534-94-3
SPID(S): Tox21_202201
M4ID: 11453611

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	4.96	NA	NA
PROB:	1	NA	NA
RMSE:	0.27	NA	NA

MAX_MEAN: 0.697 **MAX_MED:** 0.697 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexyl sulfanylacetate

CHID: 27656 CASRN: 7659-86-1

SPID(S): Tox21_201541

M4ID: 11454271

HILL MODEL (in red):

	tp	ga	gw
val:	0.632	-2.71	8
sd:	0.239	0.228	23.7

GAIN-LOSS MODEL (in blue):

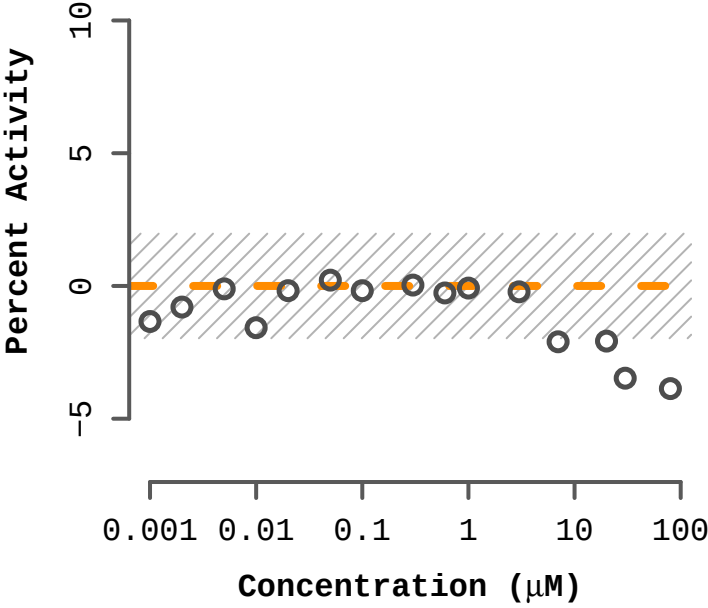
	tp	ga	gw	la	lw
val:	4.18	-0.101	8	0.267	5.02
sd:	4.53	0.225	12.6	0.7	17.3

	CNST	HILL	GNLS
AIC:	54.43	54.6	55.9
PROB:	0.42	0.38	0.2
RMSE:	1.48	1.38	1.17

MAX_MEAN: 3.48

MAX_MED: 3.48

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-(2-Phenylpropan-2-yl)-N-[4-(2-phenylpropan-2-

CHID: 27721 CASRN: 10081-67-1

SPID(S): Tox21_202099

M4ID: 11453713

HILL MODEL: Not applicable.

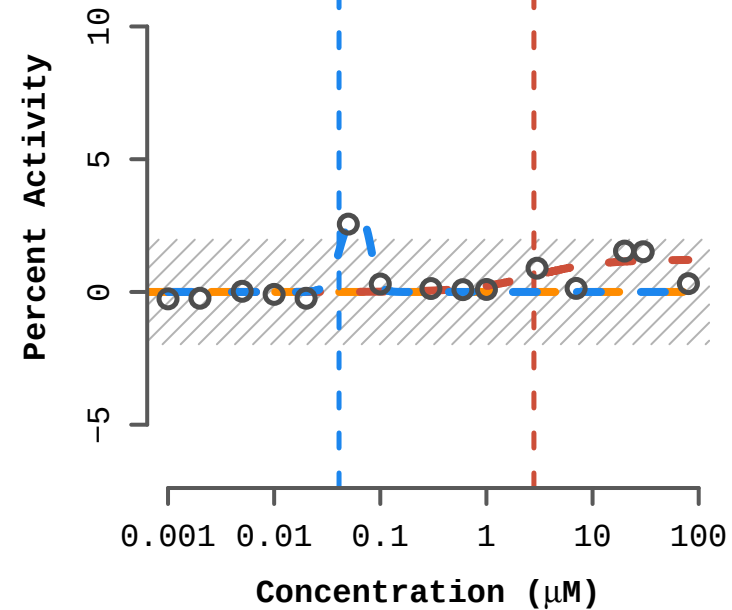
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	58.43	NA	NA
PROB:	1	NA	NA
RMSE:	1.65	NA	NA

MAX_MEAN: 0.221

MAX_MED: 0.221

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (Methylcyclopentadienyl)tricarbonylmanganese

CHID: 27738 CASRN: 12108-13-3

SPID(S): Tox21_201959

M4ID: 11453853

HILL MODEL (in red):

	tp	ga	gw
val:	1.22	0.447	1.42
sd:	0.497	0.488	1.31

GAIN-LOSS MODEL (in blue):

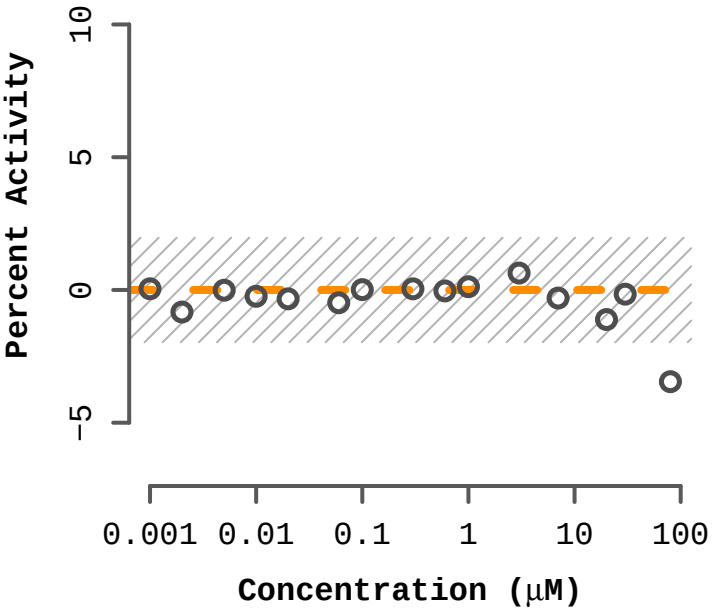
	tp	ga	gw	la	lw
val:	3.07	-1.39	8	-1.08	11.8
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	37.77	34.23	35.58
PROB:	0.1	0.6	0.3
RMSE:	0.91	0.76	0.62

MAX_MEAN: 2.56

MAX_MED: 2.56

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexyl phosphate

CHID: 27740 CASRN: 12645-31-7

SPID(S): Tox21_202126

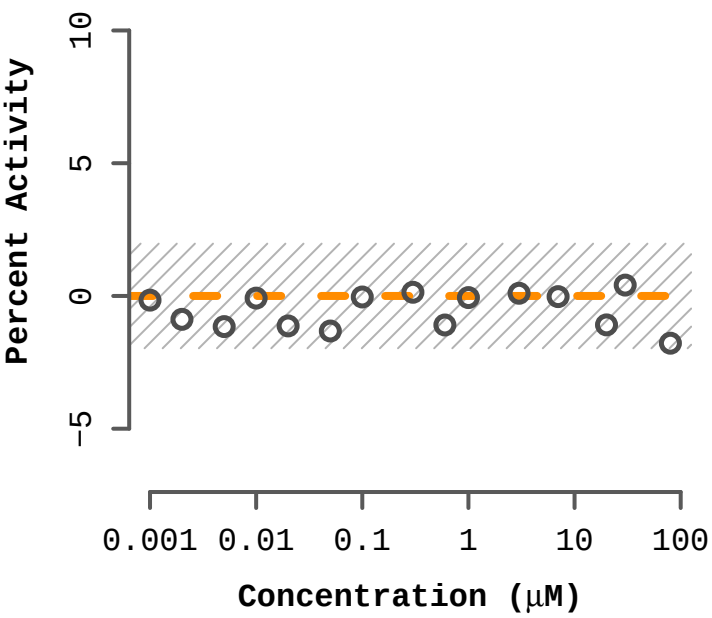
M4ID: 11453686

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	34.03	NA	NA
PROB:	1	NA	NA
RMSE:	0.99	NA	NA

MAX_MEAN:	0.638	MAX_MED:	0.638	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Chloro-3,3-dimethyl-butan-2-one

CHID: 27749 **CASRN:** 13547-70-1

SPID(S): Tox21_202148

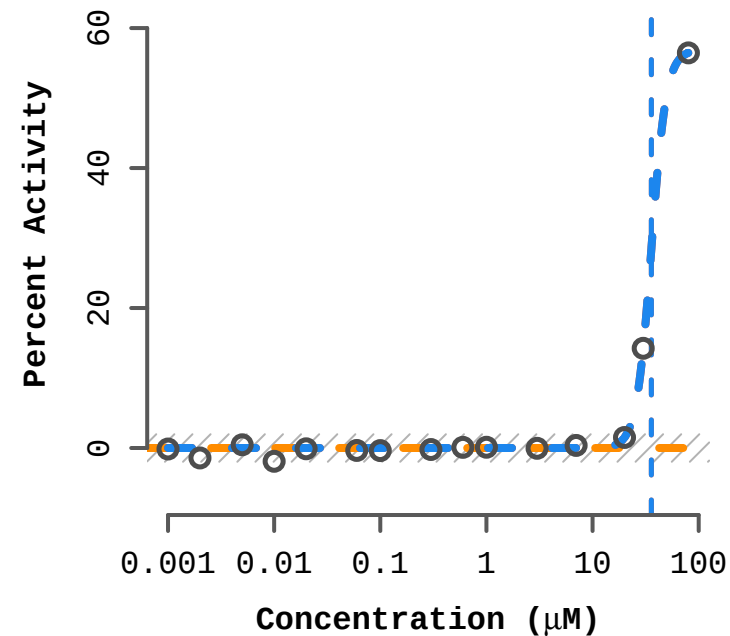
M4ID: 11453664

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.77	NA	NA
PROB:	1	NA	NA
RMSE:	0.85	NA	NA

MAX_MEAN: 0.41 **MAX_MED:** 0.41 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Phenoxybenzenemethanol

CHID: 27756 CASRN: 13826-35-2

SPID(S): Tox21_201473

M4ID: 11454339

HILL MODEL (in red):

	tp	ga	gw
val:	56.9	1.55	6.18
sd:	0.322	0.00424	0.141

GAIN-LOSS MODEL (in blue):

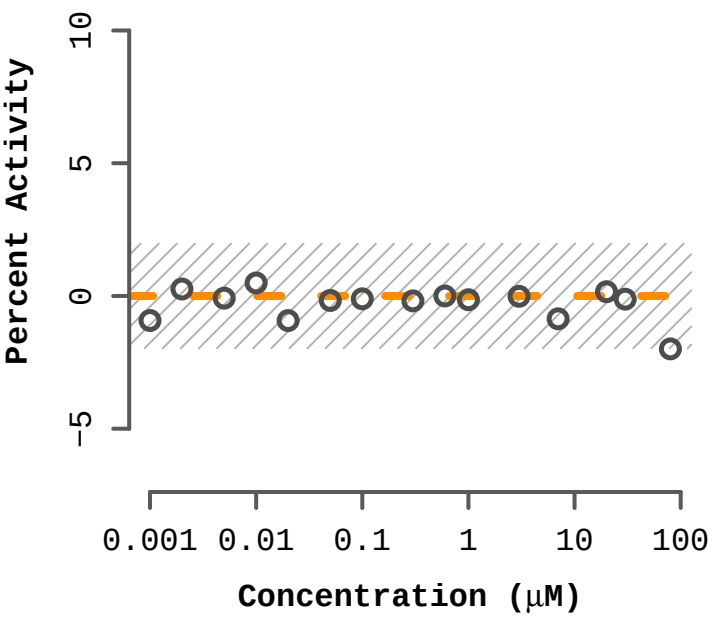
	tp	ga	gw	la	lw
val:	56.9	1.55	6.18	2.91	5.84
sd:	0.499	0.00425	0.155	737	4140

	CNST	HILL	GNLS
AIC:	92.62	30.89	34.89
PROB:	0	0.88	0.12
RMSE:	15.05	0.65	0.65

MAX_MEAN: 56.5

MAX_MED: 56.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

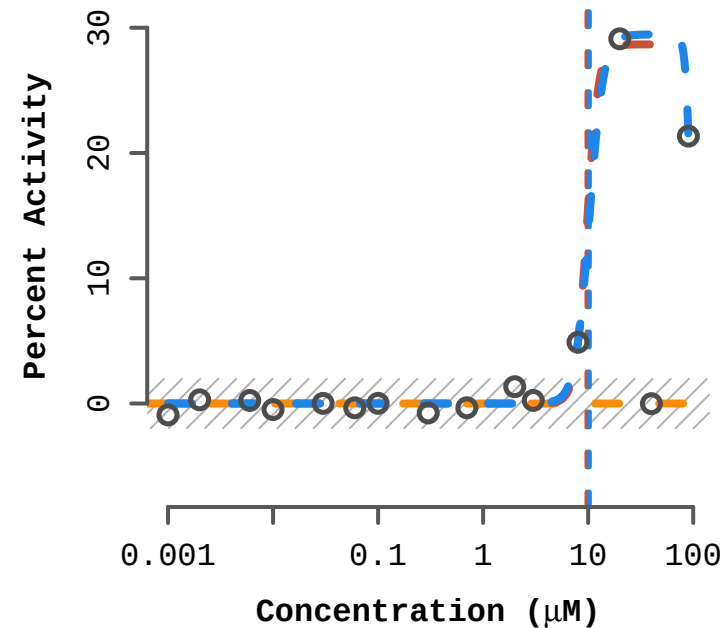
NAME: 2-Acrylamido-2-methyl-1-propanesulfonic acid
CHID: 27770 CASRN: 15214-89-8
SPID(S): Tox21_201781
M4ID: 11454031

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	29.29	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA

MAX_MEAN: 0.49 MAX_MED: 0.49 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Trimethylolpropane triacrylate

CHID: 27773 CASRN: 15625-89-5

SPID(S): Tox21_202170

M4ID: 11453642

HILL MODEL (in red):

	tp	ga	gw
val:	28.7	0.989	8
sd:	1.05	0.0214	1.9

GAIN-LOSS MODEL (in blue):

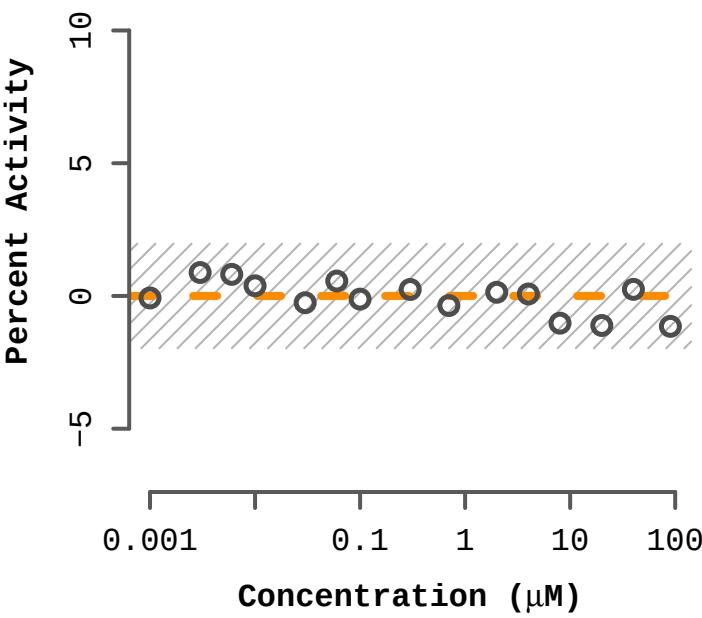
	tp	ga	gw	la	lw
val:	29.5	1.01	6.5	1.98	18
sd:	0.498	0.0122	0.666	0.00522	1.83

	CNST	HILL	GNLS
AIC:	94.57	81.86	67.96
PROB:	0	0	1
RMSE:	9.42	7.66	7.63

MAX_MEAN: 29.1

MAX_MED: 29.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

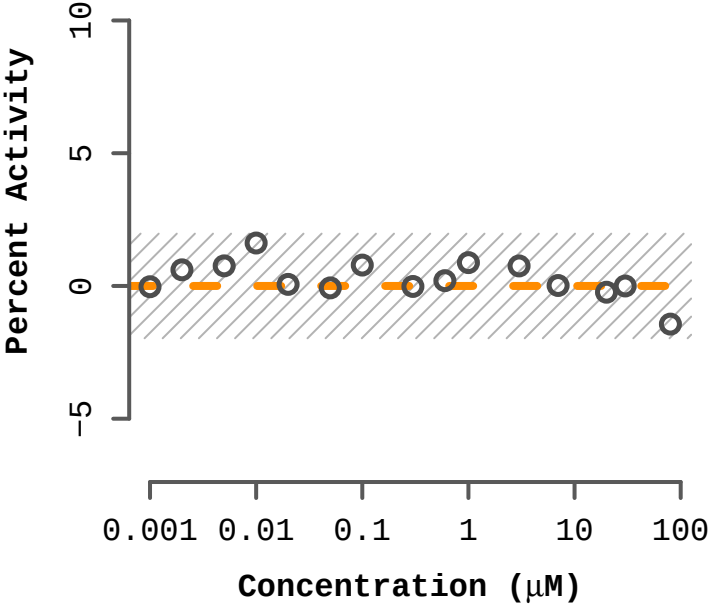
NAME: Ethylenediaminetetraacetic acid ferric sodium :
CHID: 27774 CASRN: 15708-41-5
SPID(S): Tox21_201923
M4ID: 11453889

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.6	NA	NA
PROB:	1	NA	NA
RMSE:	0.62	NA	NA

MAX_MEAN: 0.884 MAX_MED: 0.884 BMAD: 0.657



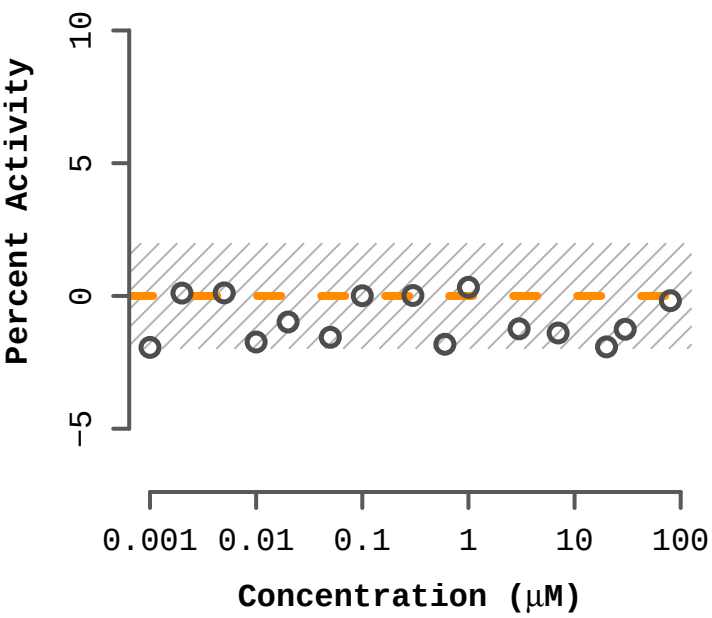
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethyltriacetoxysilane
CHID: 27792 CASRN: 17689-77-9
SPID(S): Tox21_201643
M4ID: 11454169

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	34.42	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.72	NA	NA	
MAX_MEAN:	1.62	MAX_MED:	1.62	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-(Cyclohexylthio)phthalimide

CHID: 27793 CASRN: 17796-82-6

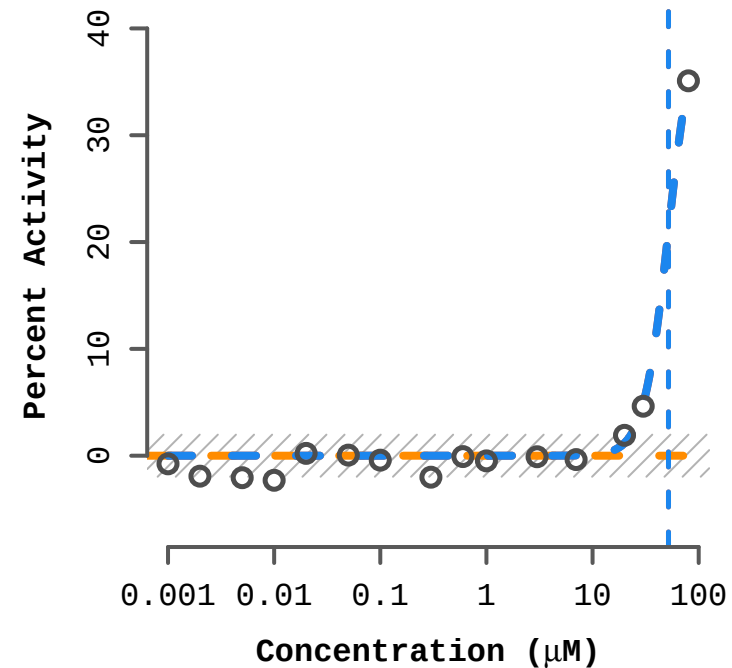
SPID(S): Tox21_201540

M4ID: 11454272

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	52.55	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.22	NA	NA	
MAX_MEAN:	0.326	MAX_MED:	0.326	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Ethyl-2-methyl-2-propen-1-amine

CHID: 27798 CASRN: 18328-90-0

SPID(S): Tox21_202086

M4ID: 11453726

HILL MODEL (in red):

	tp	ga	gw
val:	42.1	1.72	3.71
sd:	3.81	0.0419	0.512

GAIN-LOSS MODEL (in blue):

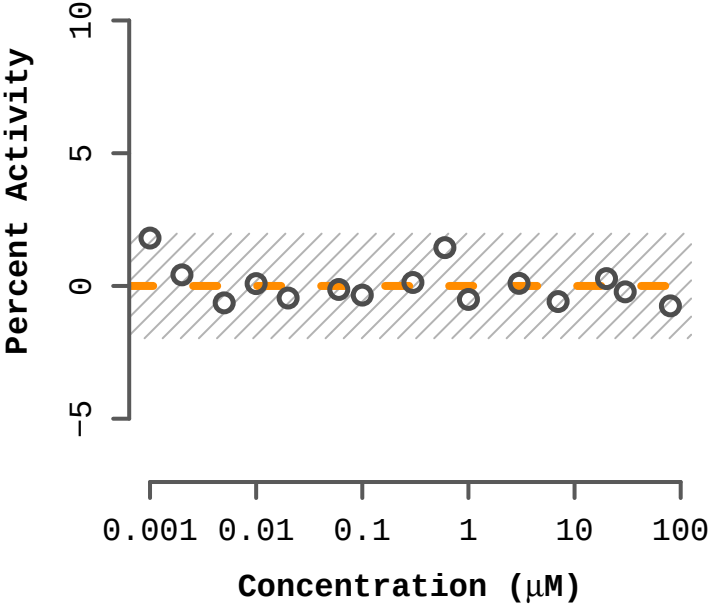
	tp	ga	gw	la	lw
val:	42.1	1.72	3.71	3.69	5.55
sd:	3.81	0.0419	0.512	14100	43900

	CNST	HILL	GNLS
AIC:	84.17	53.59	57.59
PROB:	0	0.88	0.12
RMSE:	9.22	1.13	1.13

MAX_MEAN: 35.1

MAX_MED: 35.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Ethyl-N-(3-methylphenyl)ethane-1,2-diamine

CHID: 27803 CASRN: 19248-13-6

SPID(S): Tox21_202192

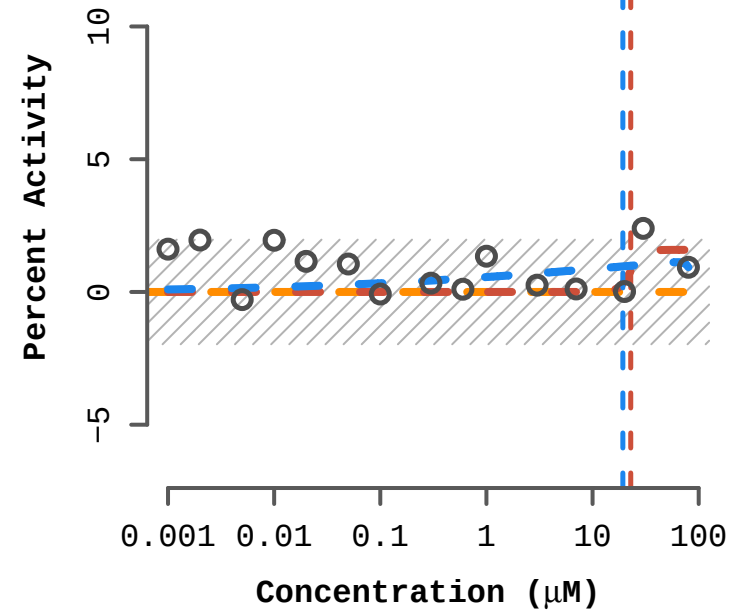
M4ID: 11453620

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	33.2	NA	NA
PROB:	1	NA	NA
RMSE:	0.71	NA	NA

MAX_MEAN: 1.81 MAX_MED: 1.81 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methylphthalic anhydride

CHID: 27805 CASRN: 19438-61-0

SPID(S): Tox21_202214

M4ID: 11453598

HILL MODEL (in red):

	tp	ga	gw
val:	1.59	1.36	8
sd:	0.826	0.0951	8.85

GAIN-LOSS MODEL (in blue):

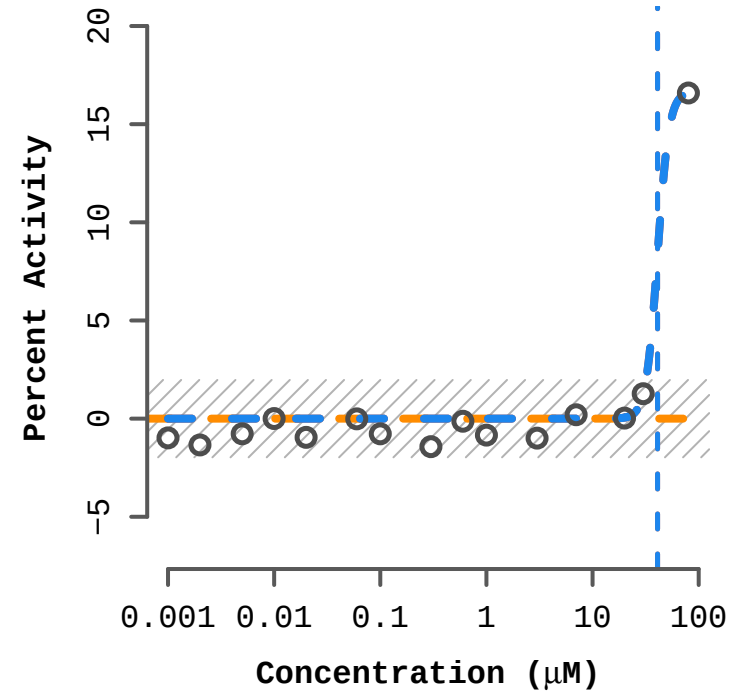
	tp	ga	gw	la	lw
val:	1.92	1.29	0.3	1.94	14.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	50.95	52.96	56.12
PROB:	0.69	0.25	0.05
RMSE:	1.19	1.04	1

MAX_MEAN: 2.4

MAX_MED: 2.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dicyclohexyl sodium sulfosuccinate

CHID: 27826 CASRN: 23386-52-9

SPID(S): Tox21_202103

M4ID: 11453709

HILL MODEL (in red):

	tp	ga	gw
val:	16.7	1.61	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

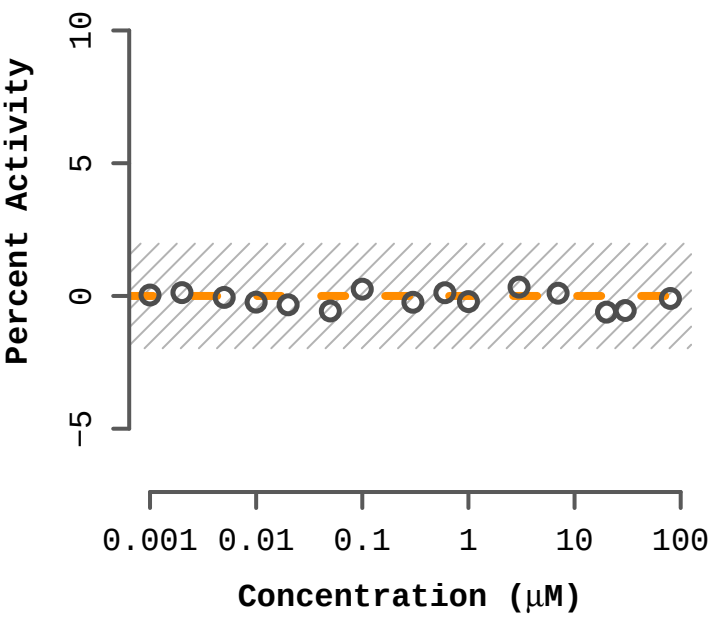
	tp	ga	gw	la	lw
val:	16.7	1.61	8	3.63	3.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	63.72	43.68	47.68
PROB:	0	0.88	0.12
RMSE:	4.36	0.76	0.76

MAX_MEAN: 16.6

MAX_MED: 16.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Carbonochloridic acid, 2-ethylhexyl ester

CHID: 27832 CASRN: 24468-13-1

SPID(S): Tox21_201491

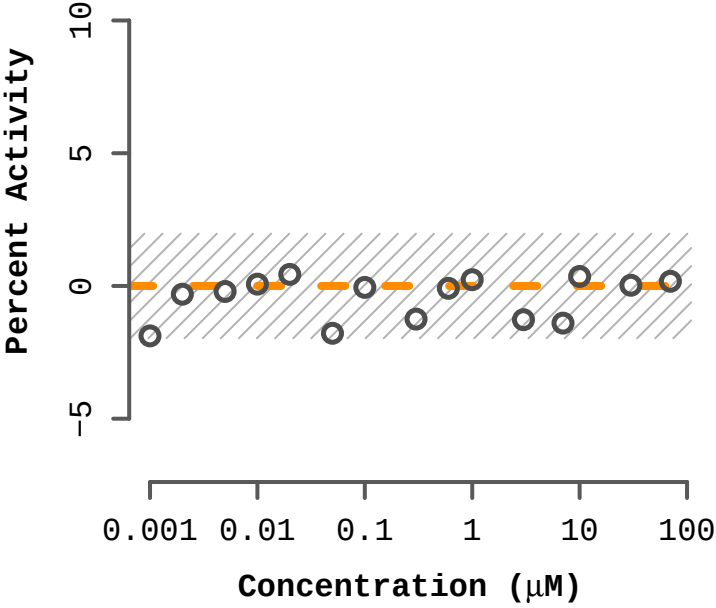
M4ID: 11454321

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	11.06	NA	NA
PROB:	1	NA	NA
RMSE:	0.31	NA	NA

MAX_MEAN: 0.334 MAX_MED: 0.334 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethyl-6-methylaniline

CHID: 27833 **CASRN:** 24549-06-2

SPID(S): Tox21_201802

M4ID: 11454010

HILL MODEL: Not applicable.

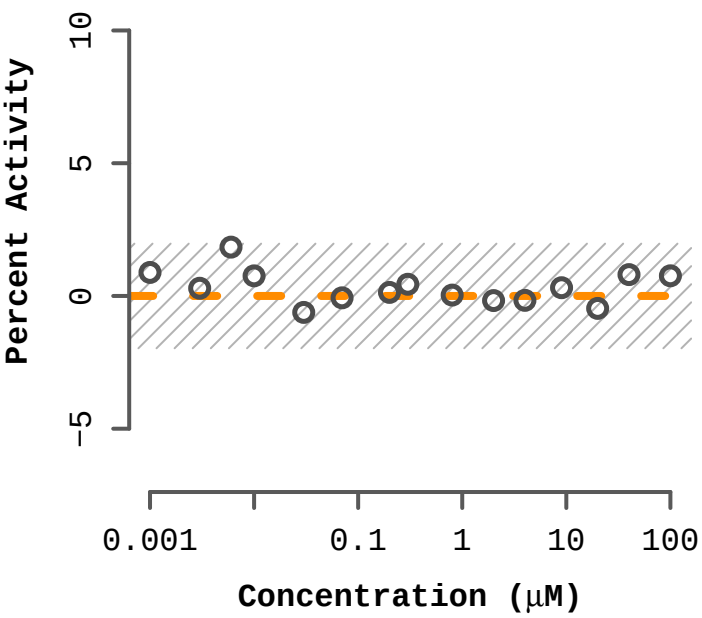
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.45	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA

MAX_MEAN: 0.437

MAX_MED: 0.437

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Carboxyethyl acrylate

CHID: 27834 **CASRN:** 24615-84-7

SPID(S): Tox21_202236

M4ID: 11453576

HILL MODEL: Not applicable.

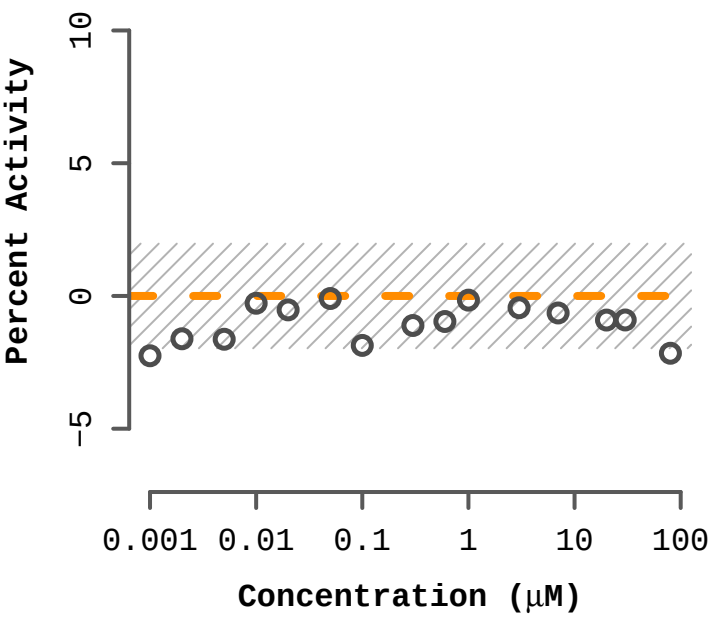
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.7	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA

MAX_MEAN: 1.84

MAX_MED: 1.84

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tripropylene glycol

CHID: 27837 CASRN: 24800-44-0

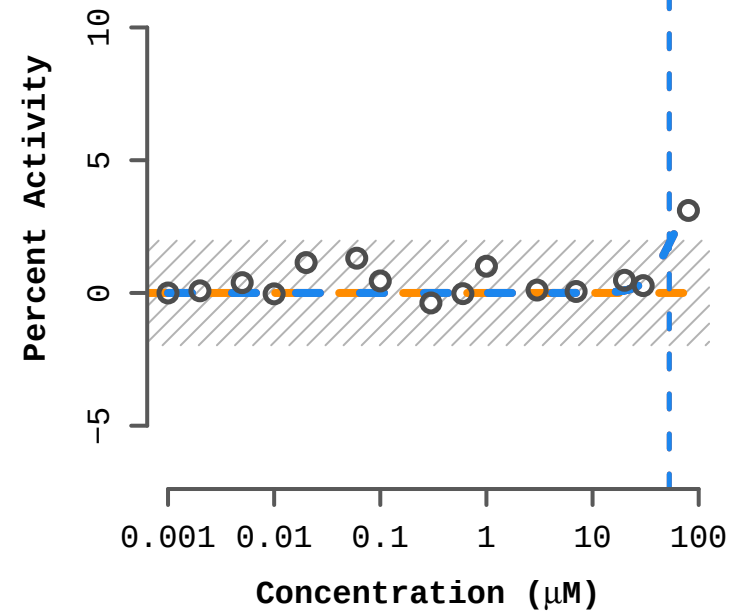
SPID(S): Tox21_202104

M4ID: 11453708

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	52.83	NA	NA
PROB:	1	NA	NA
RMSE:	1.24	NA	NA
MAX_MEAN:	-0.095	MAX_MED:	-0.095
			BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dipropylene glycol

CHID: 27856 CASRN: 25265-71-8

SPID(S): Tox21_202321

M4ID: 11453491

HILL MODEL (in red):

	tp	ga	gw
val:	3.73	1.72	3.78
sd:	2.56	0.286	3.81

GAIN-LOSS MODEL (in blue):

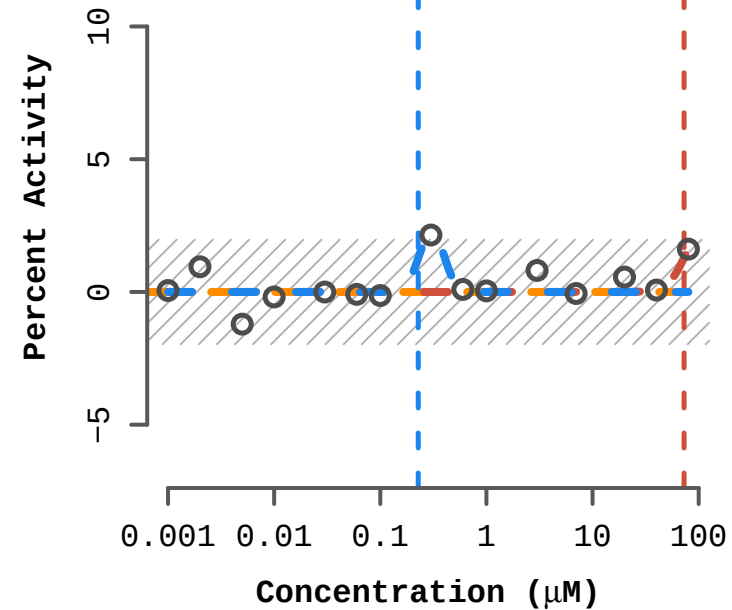
	tp	ga	gw	la	lw
val:	3.73	1.72	3.78	3.84	3.64
sd:	2.56	0.285	3.81	1540	2900

	CNST	HILL	GNLS
AIC:	38.82	31.56	35.56
PROB:	0.02	0.86	0.12
RMSE:	0.98	0.56	0.56

MAX_MEAN: 3.11

MAX_MED: 3.11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diethylbenzene

CHID: 27866 CASRN: 25340-17-4

SPID(S): Tox21_202258

M4ID: 11453554

HILL MODEL (in red):

	tp	ga	gw
val:	2.57	1.86	5.51
sd:	11.7	0.853	16.6

GAIN-LOSS MODEL (in blue):

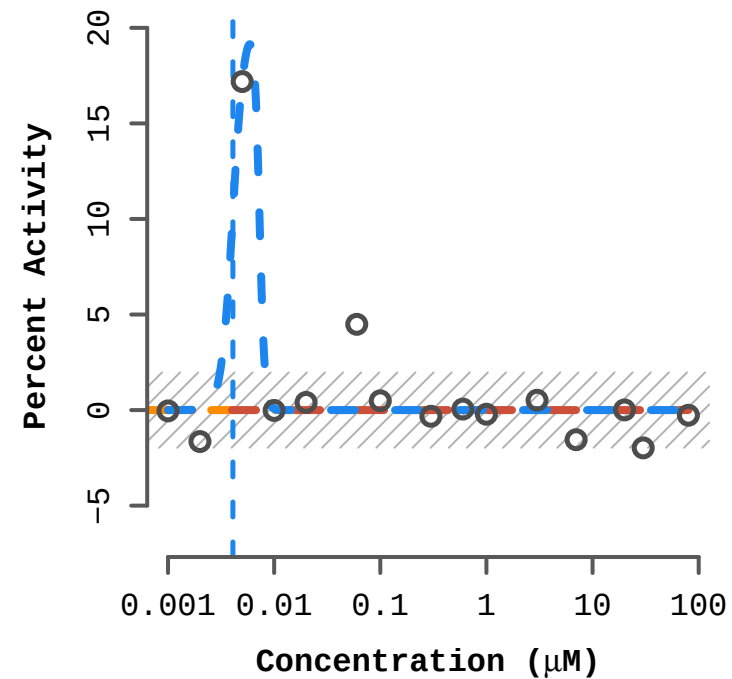
	tp	ga	gw	la	lw
val:	2.57	-0.642	8	-0.391	8.26
sd:	6.23	0.805	21.2	0.725	31.9

	CNST	HILL	GNLS
AIC:	37.49	36.9	38.51
PROB:	0.34	0.46	0.2
RMSE:	0.84	0.73	0.63

MAX_MEAN: 2.15

MAX_MED: 2.15

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: tert-Nonanethiol

CHID: 27868 CASRN: 25360-10-5

SPID(S): Tox21_201651

M4ID: 11454161

HILL MODEL (in red):

	tp	ga	gw
val:	4.41	2.4	8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

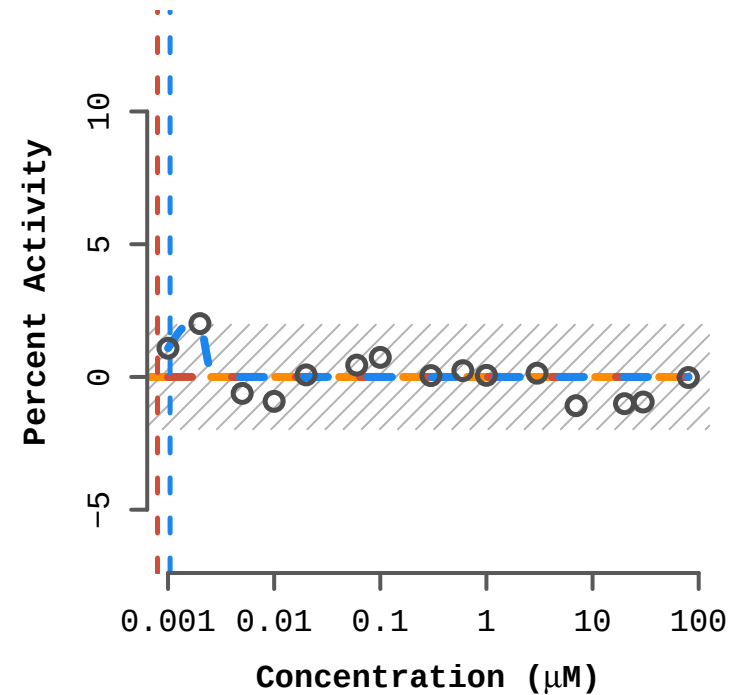
	tp	ga	gw	la	lw
val:	20.6	-2.39	8	-2.14	18
sd:	3.65	0.0227	4.41	0.182	21.9

	CNST	HILL	GNLS
AIC:	71.21	77.21	59.04
PROB:	0	0	1
RMSE:	4.66	4.66	1.42

MAX_MEAN: 17.2

MAX_MED: 17.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-(Dodecenyl)dihydro-2,5-furandione

CHID: 27870 CASRN: 25377-73-5

SPID(S): Tox21_201917

M4ID: 11453895

HILL MODEL (in red):

	tp	ga	gw
val:	4.08e-10	-3.1	2.83
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

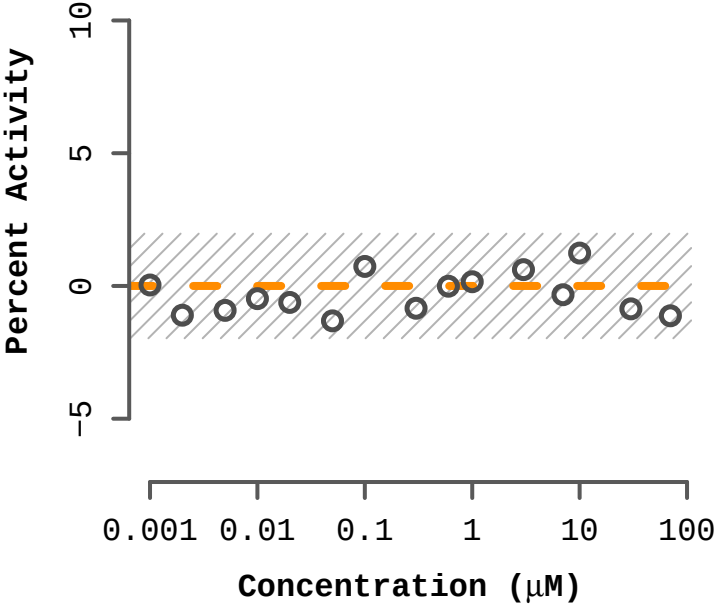
	tp	ga	gw	la	lw
val:	2.41	-2.98	4.47	-2.65	17.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	39.56	45.56	39.33
PROB:	0.46	0.02	0.52
RMSE:	0.83	0.83	0.58

MAX_MEAN: 2.01

MAX_MED: 2.01

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methylcyclopentadiene dimer

CHID: 27902 CASRN: 26472-00-4

SPID(S): Tox21_201858

M4ID: 11453954

HILL MODEL: Not applicable.

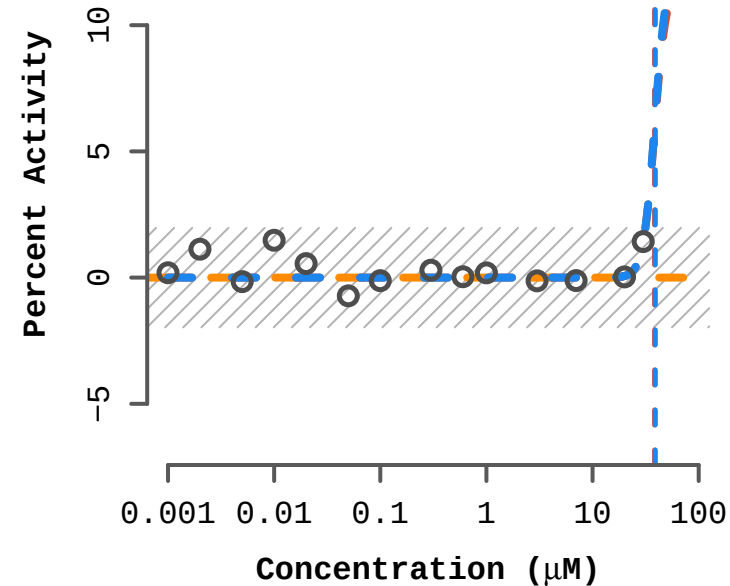
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	40.41	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA

MAX_MEAN: 1.24

MAX_MED: 1.24

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Di(propylene glycol) dibenzoate

CHID: 27921 CASRN: 27138-31-4

SPID(S): Tox21_202280

M4ID: 11453532

HILL MODEL (in red):

	tp	ga	gw
val:	11.7	1.58	8
sd:	0.3	0.0229	1.62

GAIN-LOSS MODEL (in blue):

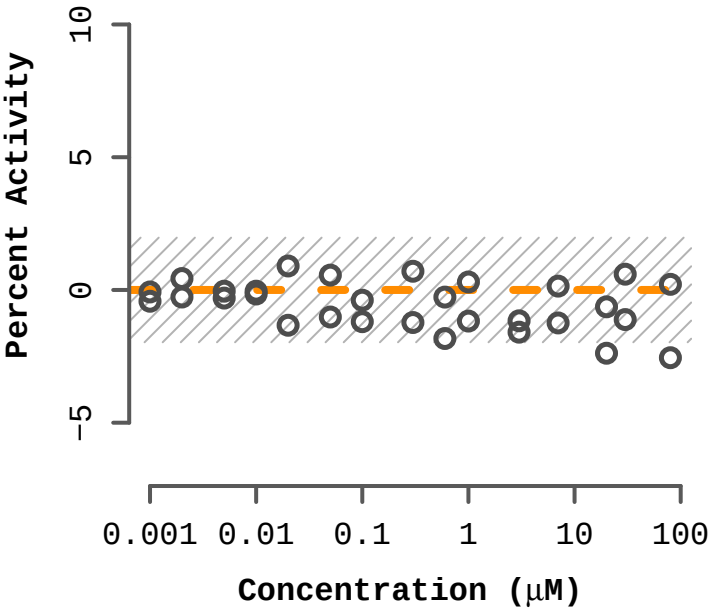
	tp	ga	gw	la	lw
val:	14	1.59	8	2.6	1.02
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	54.28	29.1	33.1
PROB:	0	0.88	0.12
RMSE:	3.09	0.55	0.55

MAX_MEAN: 11.7

MAX_MED: 11.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dodecylbenzenesulfonic acid

CHID: 27923 CASRN: 27176-87-0

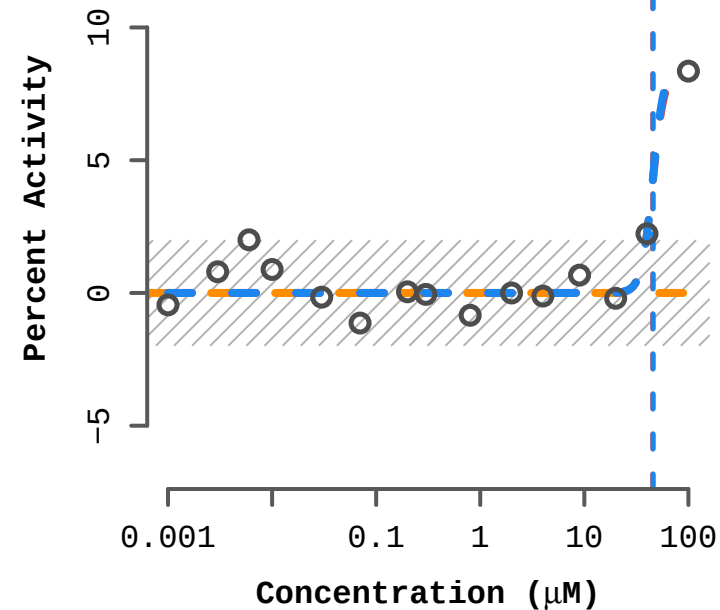
SPID(S): Tox21_400064

M4ID: 11453284

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	90.55	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.04	NA	NA	
MAX_MEAN:	0.0836	MAX_MED:	0.0836	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diisodecyl hexanedioate

CHID: 27924 CASRN: 27178-16-1

SPID(S): Tox21_202302

M4ID: 11453510

HILL MODEL (in red):

	tp	ga	gw
val:	8.37	1.66	8
sd:	0.472	0.0292	4.01

GAIN-LOSS MODEL (in blue):

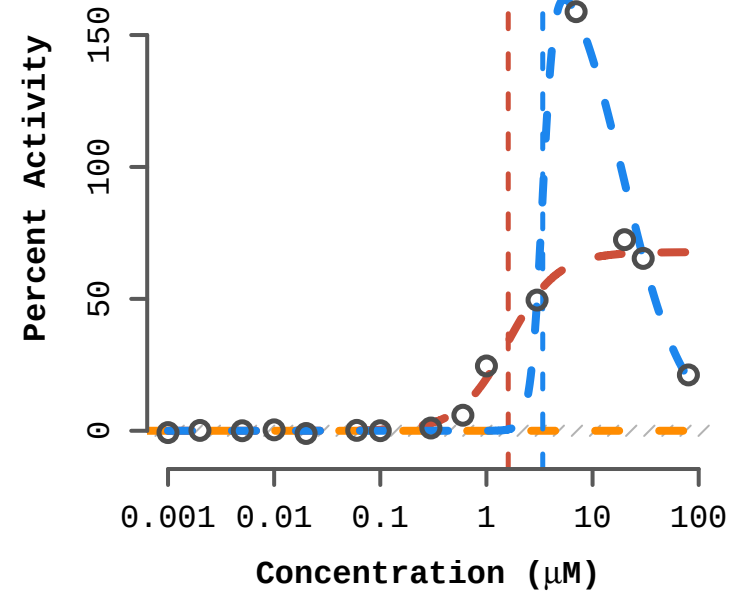
	tp	ga	gw	la	lw
val:	9.7	1.66	8	3.43	0.56
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	58.21	40.03	44.03
PROB:	0	0.88	0.12
RMSE:	2.35	0.74	0.74

MAX_MEAN: 8.36

MAX_MED: 8.36

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (1,1,3,3-Tetramethylbutyl)phenol

CHID: 27925 CASRN: 27193-28-8

SPID(S): Tox21_202324

M4ID: 11453488

HILL MODEL (in red):

	tp	ga	gw
val:	67.7	0.205	1.87
sd:	3.6	0.0675	0.304

GAIN-LOSS MODEL (in blue):

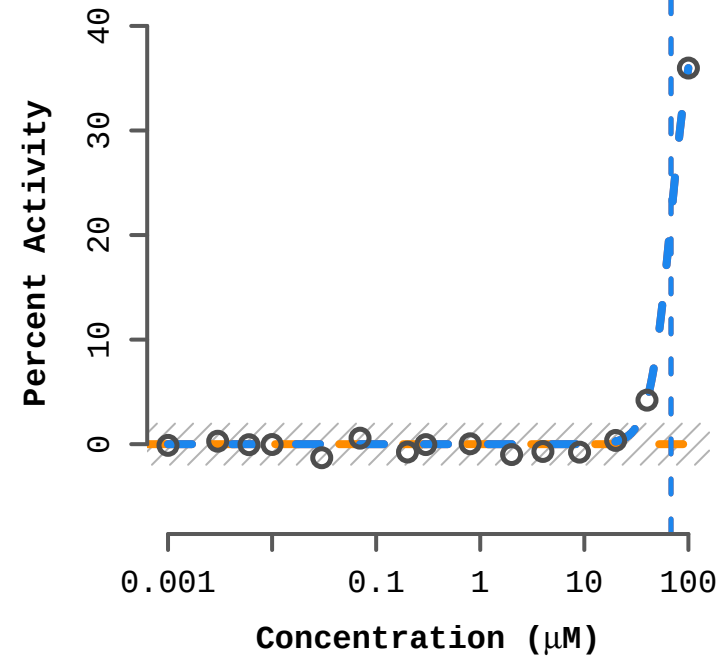
	tp	ga	gw	la	lw
val:	191	0.531	7.87	1.3	1.54
sd:	3.43	0.00366	0.474	0.0155	0.0592

	CNST	HILL	GNLS
AIC:	156.23	126.75	105.1
PROB:	0	0	1
RMSE:	50.54	27.46	8.66

MAX_MEAN: 159

MAX_MED: 159

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isooctyl acrylate

CHID: 27955 CASRN: 29590-42-9

SPID(S): Tox21_202346

M4ID: 11453466

HILL MODEL (in red):

	tp	ga	gw
val:	43.2	1.83	4.18
sd:	0.802	0.00968	0.167

GAIN-LOSS MODEL (in blue):

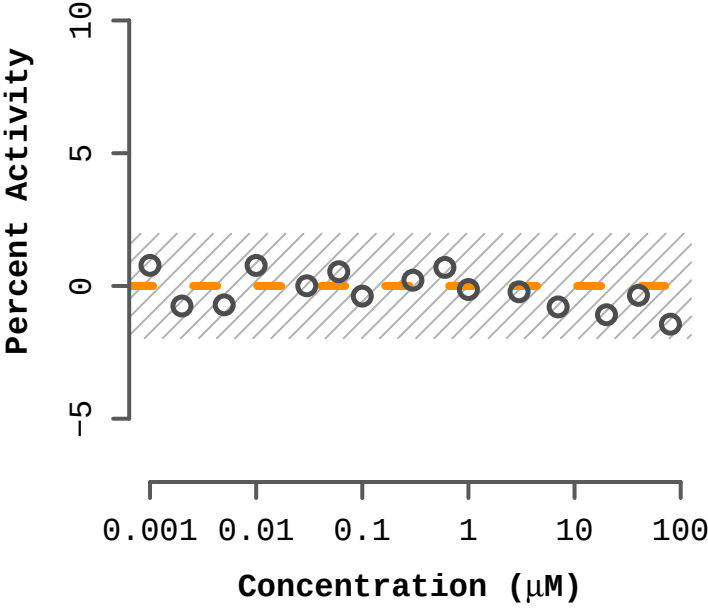
	tp	ga	gw	la	lw
val:	43.2	1.83	4.18	3.32	5.97
sd:	0.802	0.00968	0.167	2550	11600

	CNST	HILL	GNLS
AIC:	74.12	33.08	37.08
PROB:	0	0.88	0.12
RMSE:	9.37	0.56	0.56

MAX_MEAN: 36

MAX_MED: 36

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dipropylene glycol monomethyl ether

CHID: 27983 **CASRN:** 34590-94-8

SPID(S): Tox21_201653

M4ID: 11454159

HILL MODEL: Not applicable.

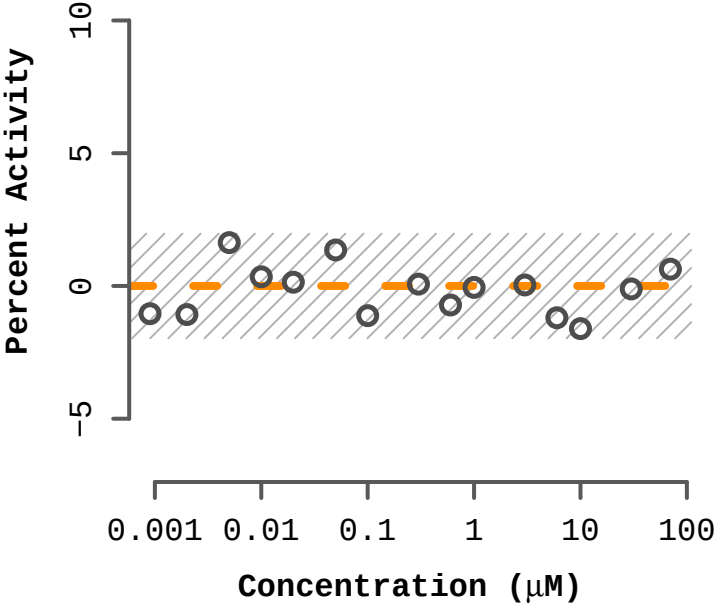
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.6	NA	NA
PROB:	1	NA	NA
RMSE:	0.7	NA	NA

MAX_MEAN: 0.777

MAX_MED: 0.777

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dichlormid

CHID: 27997 CASRN: 37764-25-3

SPID(S): Tox21_202064

M4ID: 11453748

HILL MODEL: Not applicable.

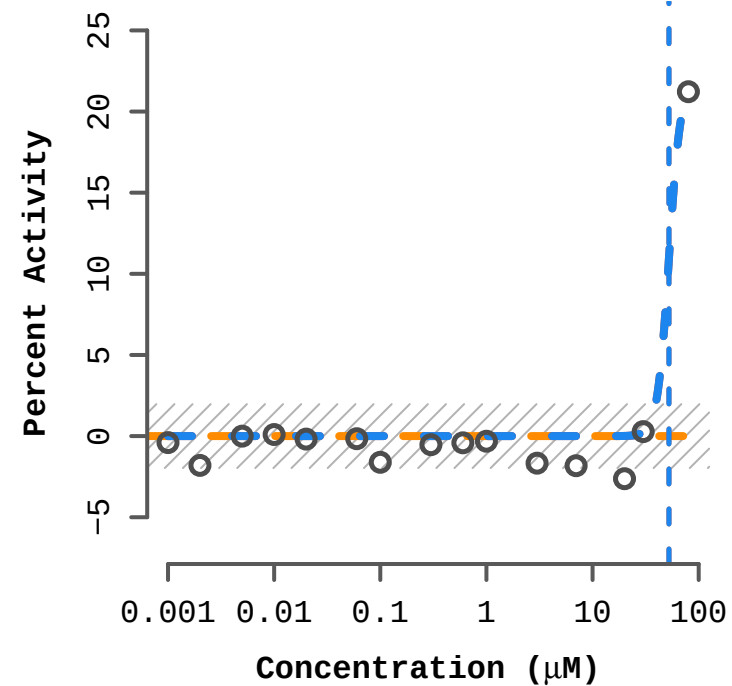
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.27	NA	NA
PROB:	1	NA	NA
RMSE:	0.93	NA	NA

MAX_MEAN: 1.63

MAX_MED: 1.63

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Phenoxybenzaldehyde

CHID: 28005 CASRN: 39515-51-0

SPID(S): Tox21_202368

M4ID: 11453444

HILL MODEL (in red):

	tp	ga	gw
val:	22	1.72	8
sd:	11.5	0.535	14.6

GAIN-LOSS MODEL (in blue):

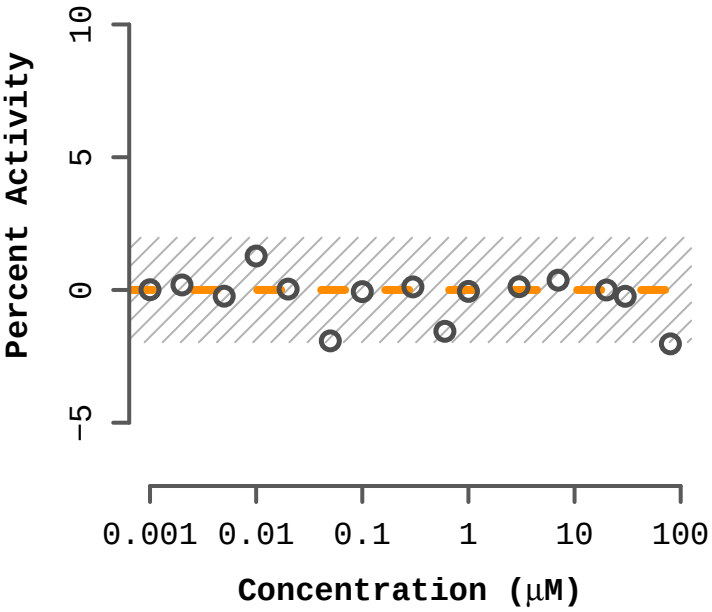
	tp	ga	gw	la	lw
val:	22	1.72	8	3.8	8.26
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	71.76	54.14	58.14
PROB:	0	0.88	0.12
RMSE:	5.6	1.14	1.14

MAX_MEAN: 21.2

MAX_MED: 21.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Iodo-2-propynyl-N-butylcarbamate

CHID: 28038 CASRN: 55406-53-6

SPID(S): Tox21_201864

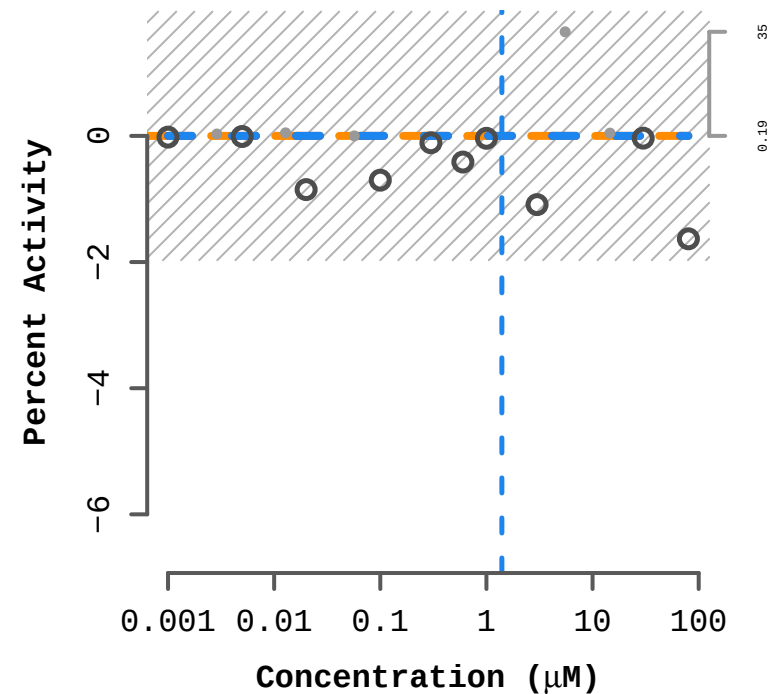
M4ID: 11453948

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.93	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA

MAX_MEAN:	1.28	MAX_MED:	1.28	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: DINP branched

CHID: 28665 CASRN: 68515-48-0

SPID(S): Tox21_202296

M4ID: 11453516 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	0.00033	2.4	7.64
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

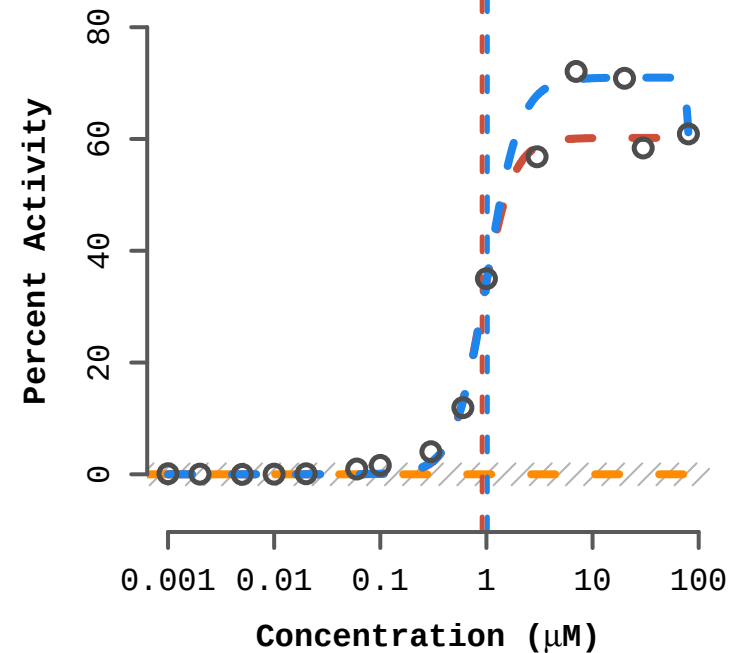
	tp	ga	gw	la	lw
val:	2.83e-09	0.146	7.29	0.397	17.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	68.69	74.69	78.69
PROB:	0.95	0.05	0.01
RMSE:	8.95	8.95	8.95

MAX_MEAN: 34.5

MAX_MED: 34.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nonylphenol, branched

CHID: 29055 CASRN: 84852-15-3

SPID(S): Tox21_201528

M4ID: 11454284

HILL MODEL (in red):

	tp	ga	gw
val:	60.2	-0.0399	3.03
sd:	1.39	0.0162	0.49

GAIN-LOSS MODEL (in blue):

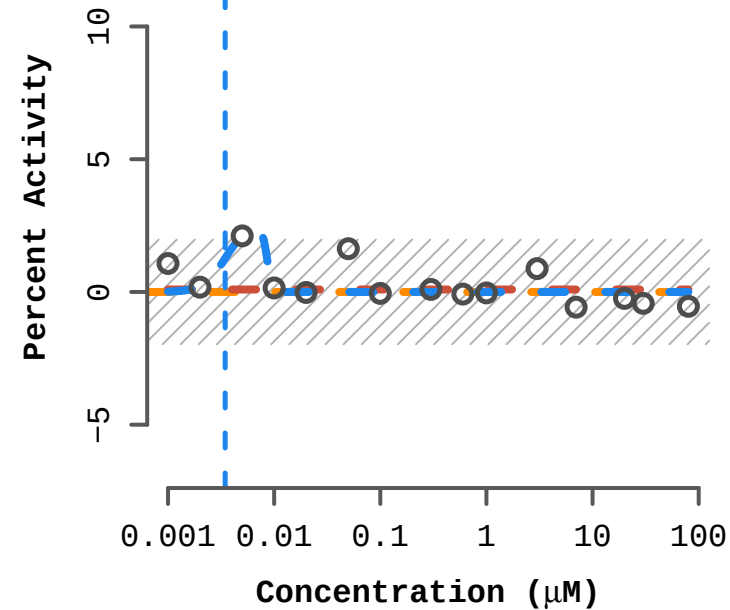
	tp	ga	gw	la	lw
val:	71	0.00831	2.83	1.95	18
sd:	1.08	0.0127	0.371	0.0062	1.73

	CNST	HILL	GNLS
AIC:	154.05	84.69	86.31
PROB:	0	0.69	0.31
RMSE:	38.26	4.28	4.39

MAX_MEAN: 72.1

MAX_MED: 72.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Toluenesulfonamide

CHID: 29105 CASRN: 70-55-3

SPID(S): Tox21_201594

M4ID: 11454218

HILL MODEL (in red):

	tp	ga	gw
val:	0.0924	-4.97	3.19
sd:	0.175	1160	1870

GAIN-LOSS MODEL (in blue):

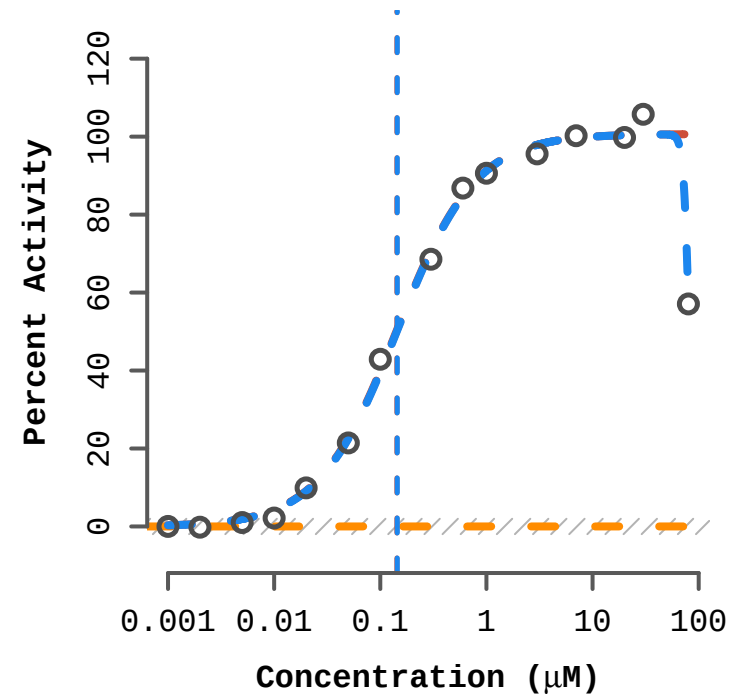
	tp	ga	gw	la	lw
val:	2.54	-2.46	4.28	-2.07	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	36.39	42.09	36.99
PROB:	0.56	0.03	0.41
RMSE:	0.82	0.79	0.6

MAX_MEAN: 2.11

MAX_MED: 2.11

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,7-Dimethyl-3-octanol

CHID: 29110 CASRN: 78-69-3

SPID(S): Tox21_202390

M4ID: 11453422

HILL MODEL (in red):

	tp	ga	gw
val:	101	-0.844	1.17
sd:	1.43	0.032	0.0654

GAIN-LOSS MODEL (in blue):

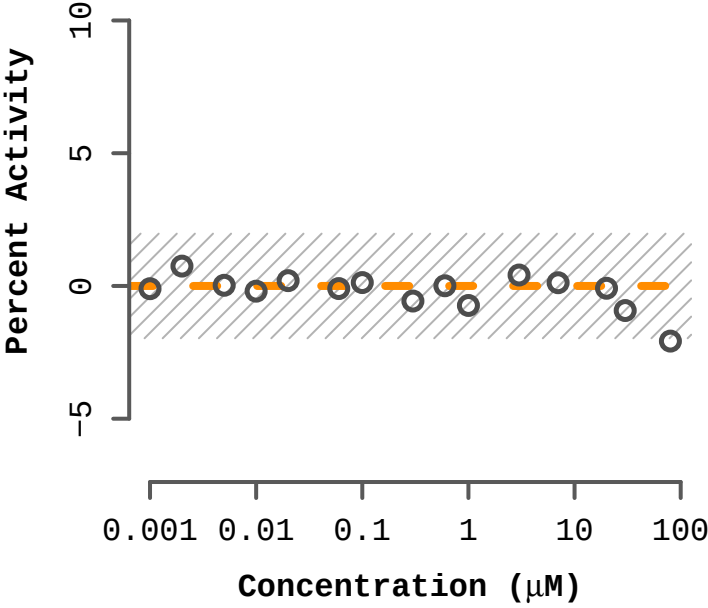
	tp	ga	gw	la	lw
val:	101	-0.84	1.17	1.91	16.5
sd:	1.14	0.0298	0.0542	0.00479	3.76

	CNST	HILL	GNLS
AIC:	172.44	96.05	75.16
PROB:	0	0	1
RMSE:	66.55	11.42	2.02

MAX_MEAN: 106

MAX_MED: 106

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

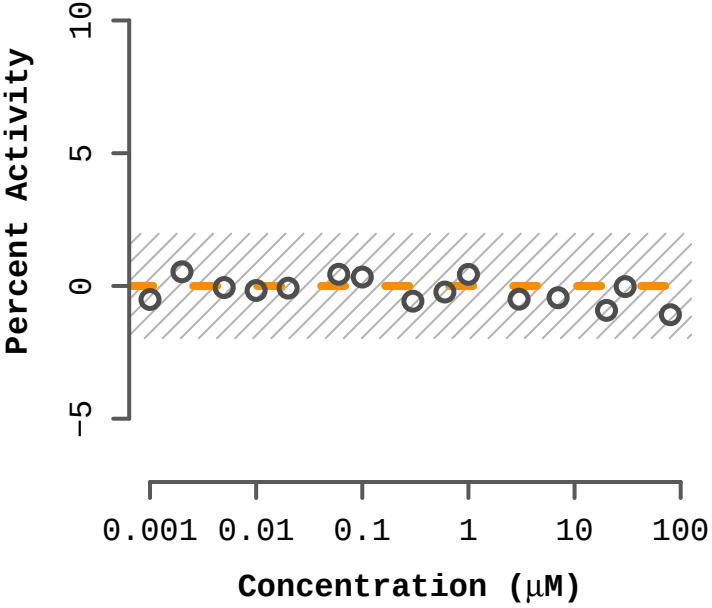
NAME: 1,1':3',1''-Terphenyl
CHID: 29117 CASRN: 92-06-8
SPID(S): Tox21_201579
M4ID: 11454233

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.86	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA

MAX_MEAN: 0.749 MAX_MED: 0.749 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,2,4,5-Tetramethylbenzene

CHID: 29124 **CASRN:** 95-93-2

SPID(S): Tox21_201920

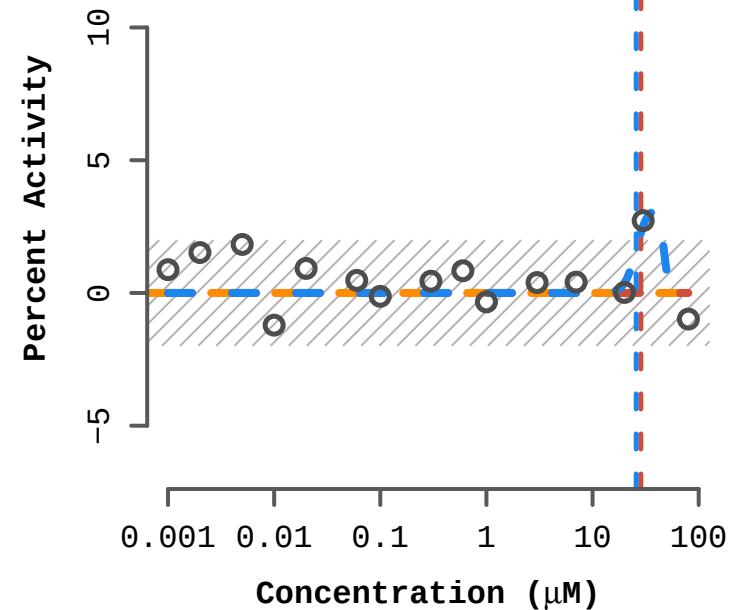
M4ID: 11453892

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.84	NA	NA
PROB:	1	NA	NA
RMSE:	0.51	NA	NA

MAX_MEAN: 0.535 **MAX_MED:** 0.535 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tetrahydrofurfuryl alcohol

CHID: 29128 CASRN: 97-99-4

SPID(S): Tox21_201324

M4ID: 11454488

HILL MODEL (in red):

	tp	ga	gw
val:	3.78e-10	1.46	2.1
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

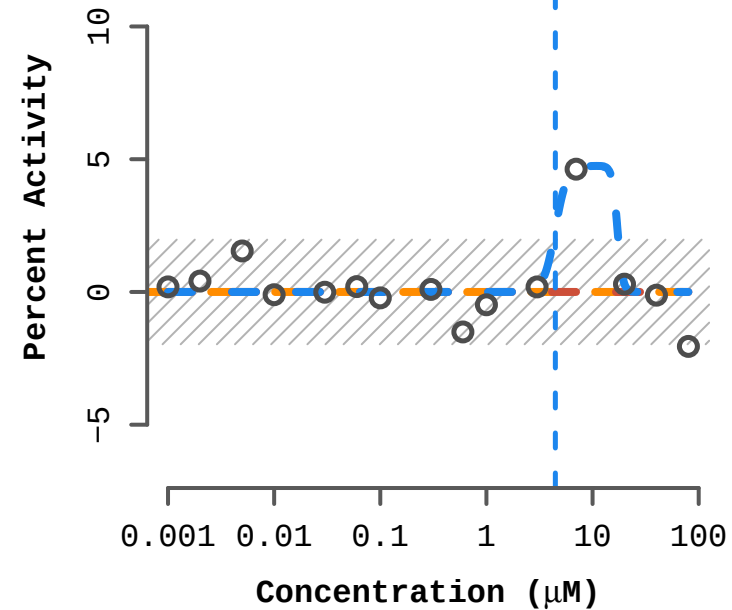
	tp	ga	gw	la	lw
val:	3.27	1.41	8	1.67	18
sd:	1.71	0.0874	5.53	0.92	77.4

	CNST	HILL	GNLS
AIC:	48.18	54.18	51.88
PROB:	0.83	0.04	0.13
RMSE:	1.12	1.12	0.87

MAX_MEAN: 2.73

MAX_MED: 2.73

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dimethyl malonate

CHID: 29145 CASRN: 108-59-8

SPID(S): Tox21_201608

M4ID: 11454204

HILL MODEL (in red):

	tp	ga	gw
val:	1.65e-08	2.39	4.09
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

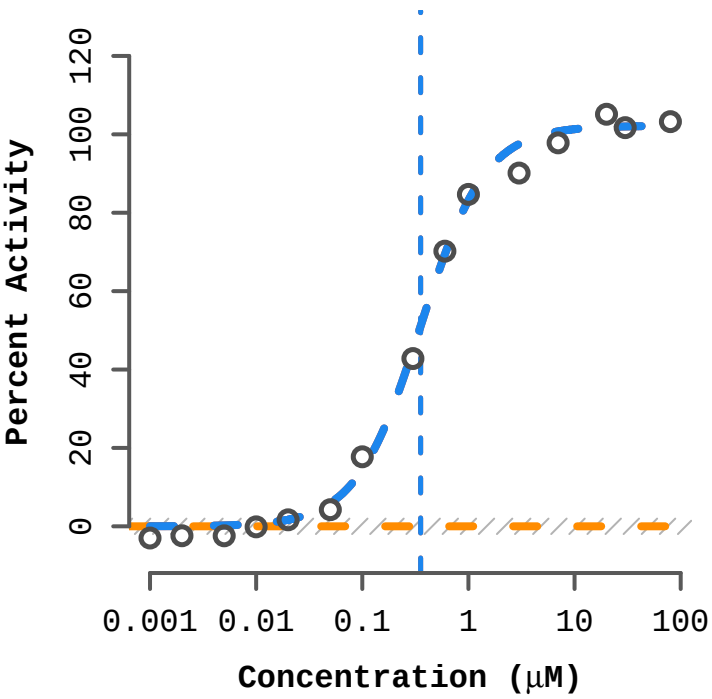
	tp	ga	gw	la	lw
val:	4.75	0.65	7.99	1.23	17.7
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	48.35	54.35	43.28
PROB:	0.07	0	0.92
RMSE:	1.44	1.44	0.79

MAX_MEAN: 4.63

MAX_MED: 4.63

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methylmorpholine
CHID: 29146 CASRN: 109-02-4
SPID(S): Tox21_202412
M4ID: 11453400

HILL MODEL (in red):

	tp	ga	gw
val:	102	-0.45	1.42
sd:	1.39	0.0237	0.111

GAIN-LOSS MODEL (in blue):

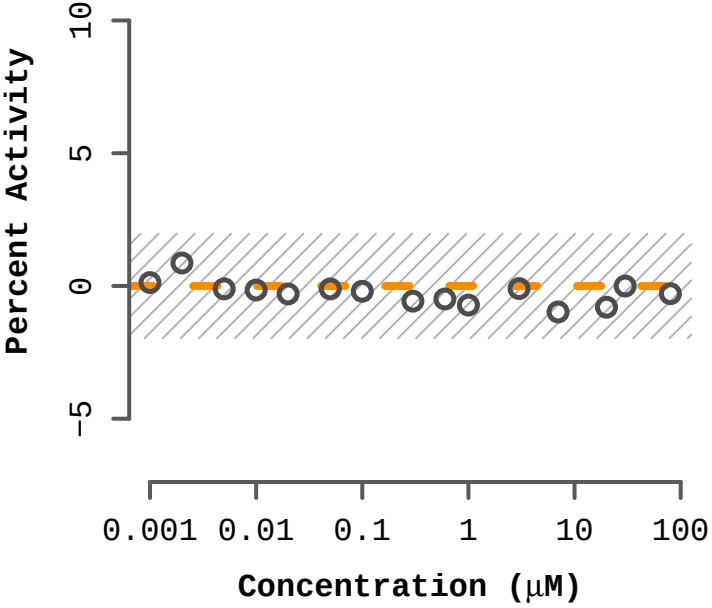
	tp	ga	gw	la	lw
val:	102	-0.45	1.42	3.1	7.14
sd:	1.39	0.0237	0.111	691	4130

	CNST	HILL	GNLS
AIC:	171.5	81.81	85.81
PROB:	0	0.88	0.12
RMSE:	65.34	2.82	2.82

MAX_MEAN: 105

MAX_MED: 105

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzyl benzoate

CHID: 29153 CASRN: 120-51-4

SPID(S): Tox21_201337

M4ID: 11454475

HILL MODEL: Not applicable.

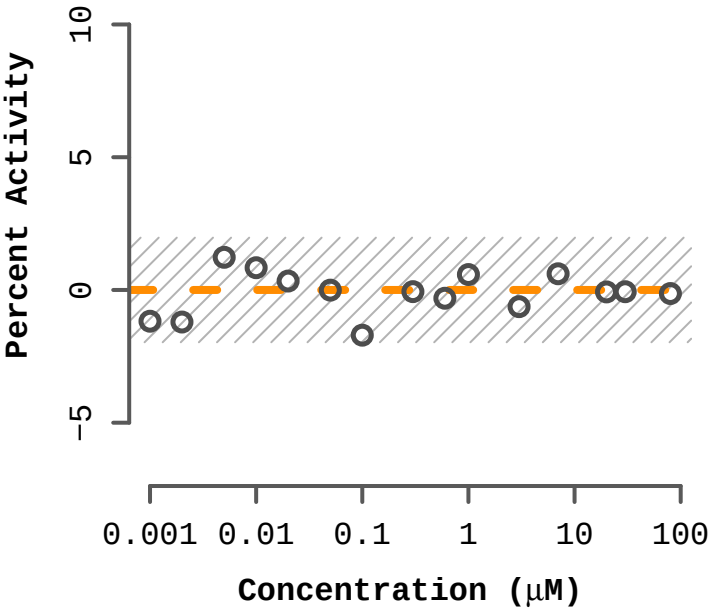
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.58	NA	NA
PROB:	1	NA	NA
RMSE:	0.5	NA	NA

MAX_MEAN: 0.867

MAX_MED: 0.867

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

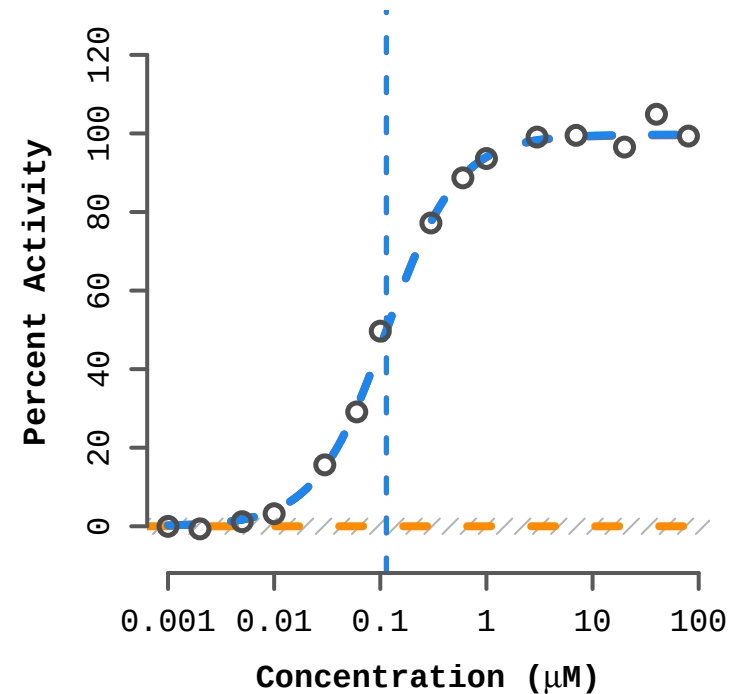
NAME: Pentylcinnamaldehyde
CHID: 29157 CASRN: 122-40-7
SPID(S): Tox21_202051
M4ID: 11453761

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	38.19	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA

MAX_MEAN: 1.23 MAX_MED: 1.23 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,6,8-Trimethyl-4-nonanol

CHID: 29159 CASRN: 123-17-1

SPID(S): Tox21_202434

M4ID: 11453378

HILL MODEL (in red):

	tp	ga	gw
val:	99.6	-0.944	1.3
sd:	0.708	0.0174	0.0388

GAIN-LOSS MODEL (in blue):

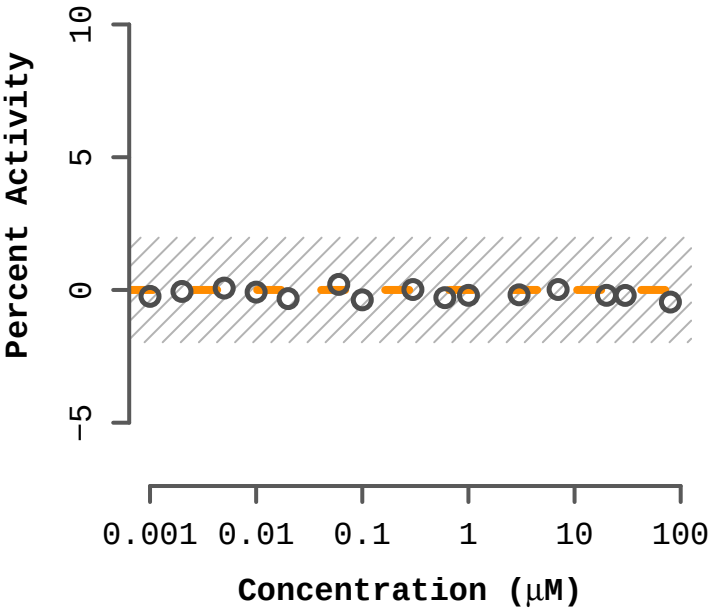
	tp	ga	gw	la	lw
val:	99.7	-0.941	1.29	2.05	16.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	174.77	67.73	71.65
PROB:	0	0.88	0.12
RMSE:	71.22	1.99	1.98

MAX_MEAN: 105

MAX_MED: 105

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium 6-hydroxynaphthalene-2-sulfonate

CHID: 29166 CASRN: 135-76-2

SPID(S): Tox21_201538

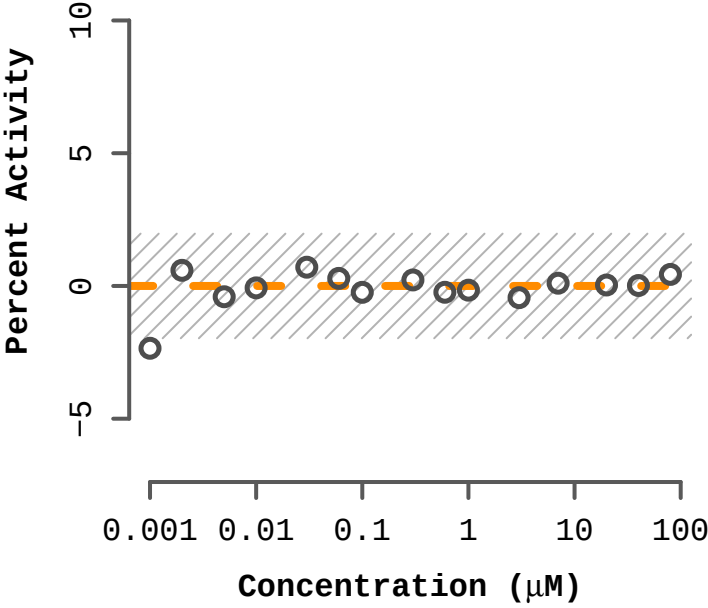
M4ID: 11454274

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	2.57	NA	NA
PROB:	1	NA	NA
RMSE:	0.23	NA	NA

MAX_MEAN: 0.211 MAX_MED: 0.211 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methylpent-3-en-2-one

CHID: 29170 CASRN: 141-79-7

SPID(S): Tox21_202080

M4ID: 11453732

HILL MODEL: Not applicable.

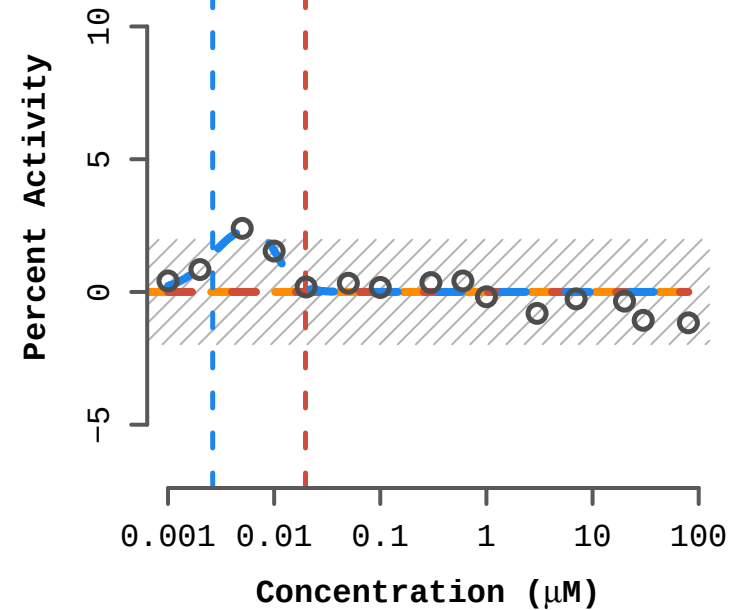
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	26.14	NA	NA
PROB:	1	NA	NA
RMSE:	0.69	NA	NA

MAX_MEAN: 0.708

MAX_MED: 0.708

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isovaleric acid

CHID: 29182 CASRN: 503-74-2

SPID(S): Tox21_201604

M4ID: 11454208

HILL MODEL (in red):

	tp	ga	gw
val:	1.06e-10	-1.7	1.88
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

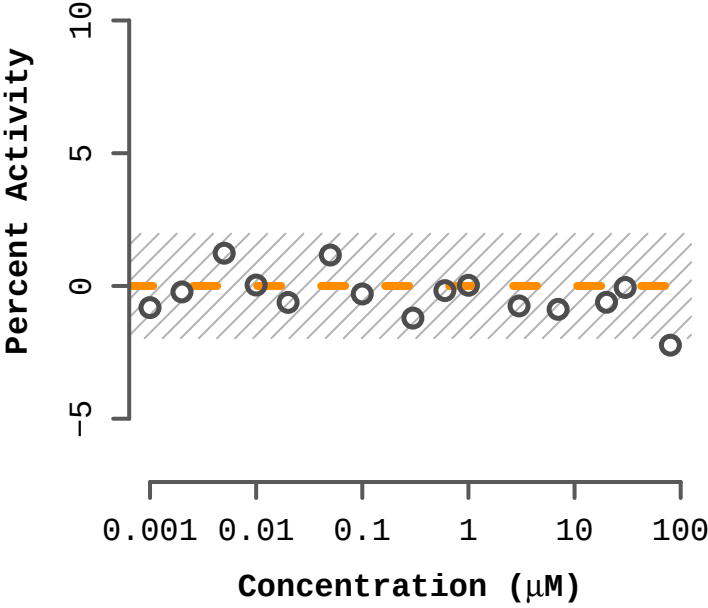
	tp	ga	gw	la	lw
val:	2.88	-2.58	2.55	-1.98	4.42
sd:	1.18	0.191	1.8	0.0843	3.41

	CNST	HILL	GNLS
AIC:	41.57	47.57	33.22
PROB:	0.02	0	0.98
RMSE:	0.93	0.93	0.51

MAX_MEAN: 2.4

MAX_MED: 2.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

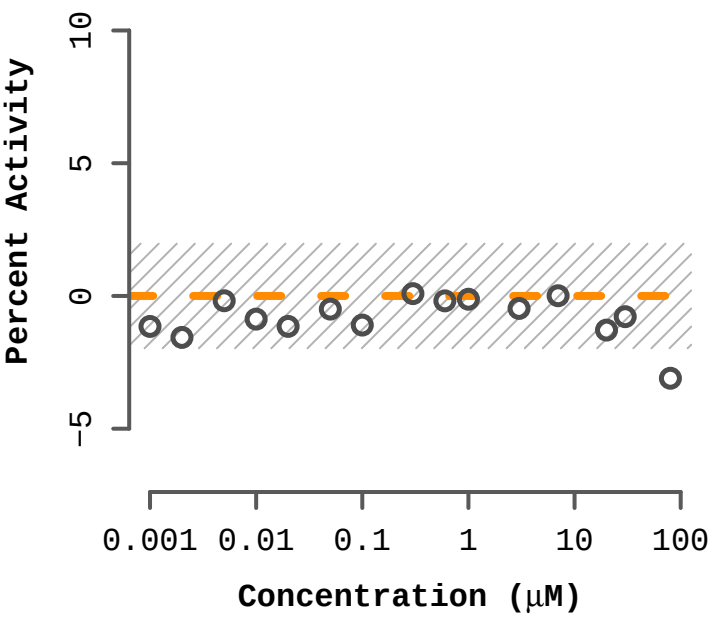
NAME: Dimethyl carbonate
CHID: 29192 CASRN: 616-38-6
SPID(S): Tox21_201940
M4ID: 11453872

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.89	NA	NA
PROB:	1	NA	NA
RMSE:	0.9	NA	NA

MAX_MEAN: 1.23 MAX_MED: 1.23 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Potassium 6-hydroxynaphthalene-2-sulfonate

CHID: 29201 CASRN: 833-66-9

SPID(S): Tox21_201245

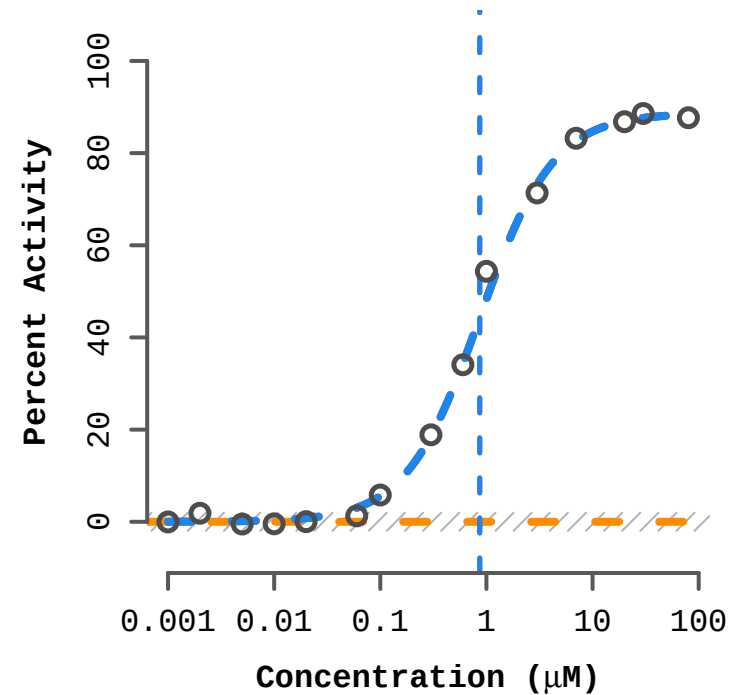
M4ID: 11454567

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	47.7	NA	NA
PROB:	1	NA	NA
RMSE:	1.14	NA	NA

MAX_MEAN: 0.0886 MAX_MED: 0.0886 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Butyltin trichloride

CHID: 29210 CASRN: 1118-46-3

SPID(S): Tox21_202457

M4ID: 11453355

HILL MODEL (in red):

	tp	ga	gw
val:	88.7	-0.0627	1.25
sd:	0.72	0.0209	0.059

GAIN-LOSS MODEL (in blue):

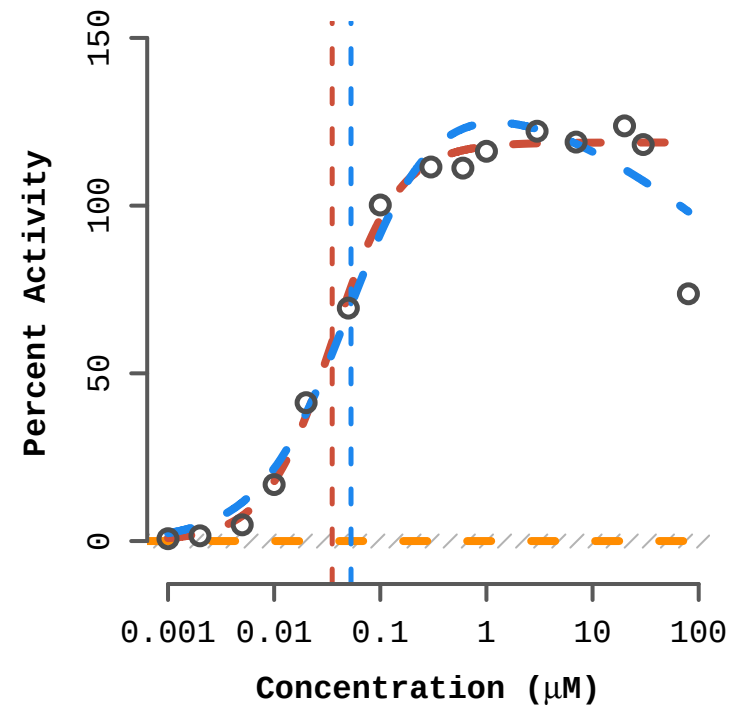
	tp	ga	gw	la	lw
val:	88.7	-0.0627	1.25	3.31	17.6
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	163.53	62	66
PROB:	0	0.88	0.12
RMSE:	51.39	1.82	1.82

MAX_MEAN: 88.6

MAX_MED: 88.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Propoxy-2-propanol

CHID: 29217 CASRN: 1569-01-3

SPID(S): Tox21_201392

M4ID: 11454420

HILL MODEL (in red):

	tp	ga	gw
val:	119	-1.45	1.38
sd:	1.6	0.0367	0.113

GAIN-LOSS MODEL (in blue):

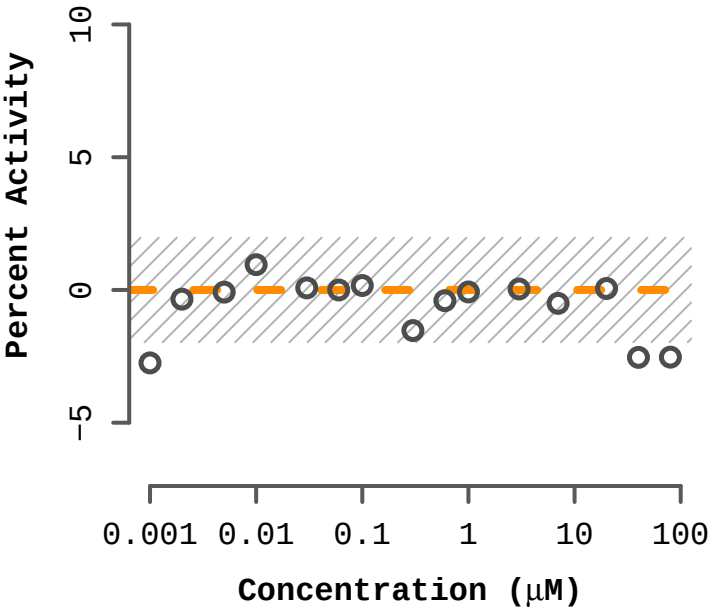
	tp	ga	gw	la	lw
val:	149	-1.28	1.04	2.87	0.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	181.82	104.82	120.83
PROB:	0	1	0
RMSE:	89.07	12.01	9.25

MAX_MEAN: 124

MAX_MED: 124

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Clopyralid

CHID: 29221 CASRN: 1702-17-6

SPID(S): Tox21_201435

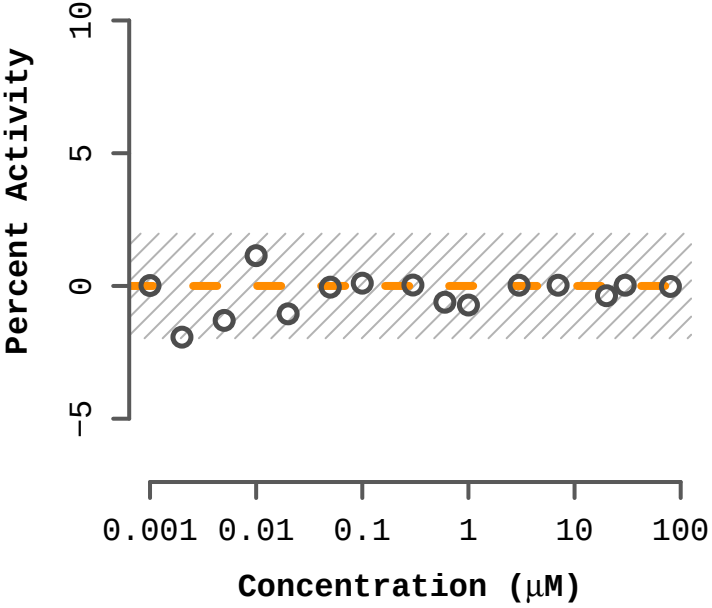
M4ID: 11454377

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	49.98	NA	NA
PROB:	1	NA	NA
RMSE:	1.27	NA	NA

MAX_MEAN:	0.954	MAX_MED:	0.954	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,7-Dimethylocta-1,6-diene

CHID: 29234 CASRN: 2436-90-0

SPID(S): Tox21_202044

M4ID: 11453768

HILL MODEL: Not applicable.

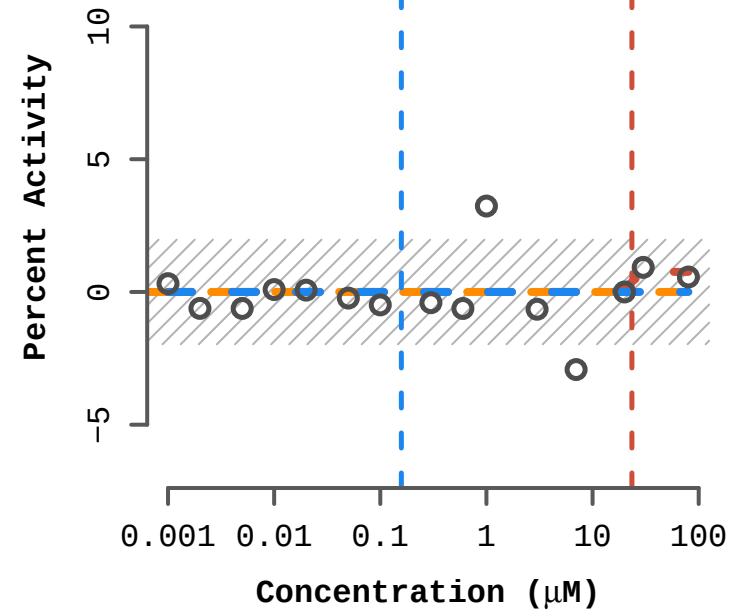
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.47	NA	NA
PROB:	1	NA	NA
RMSE:	0.77	NA	NA

MAX_MEAN: 1.14

MAX_MED: 1.14

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-(Trimethoxysilyl)propyl methacrylate

CHID: 29237 CASRN: 2530-85-0

SPID(S): Tox21_201739

M4ID: 11454073

HILL MODEL (in red):

	tp	ga	gw
val:	0.756	1.37	8
sd:	0.447	0.141	12.4

GAIN-LOSS MODEL (in blue):

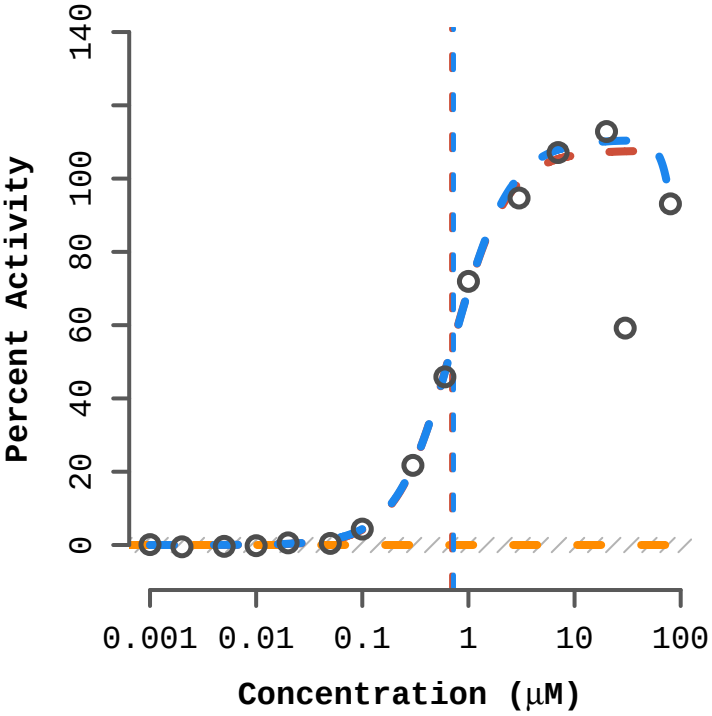
	tp	ga	gw	la	lw
val:	1.71e-10	-0.801	5.66	-0.482	5.4
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	45.96	49.47	55.96
PROB:	0.85	0.15	0.01
RMSE:	1.22	1.19	1.22

MAX_MEAN: 3.24

MAX_MED: 3.24

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4-Bis(1-methyl-1-phenylethyl)phenol

CHID: 29241 CASRN: 2772-45-4

SPID(S): Tox21_202456

M4ID: 11453356

HILL MODEL (in red):

	tp	ga	gw
val:	108	-0.158	1.66
sd:	4.36	0.0343	0.178

GAIN-LOSS MODEL (in blue):

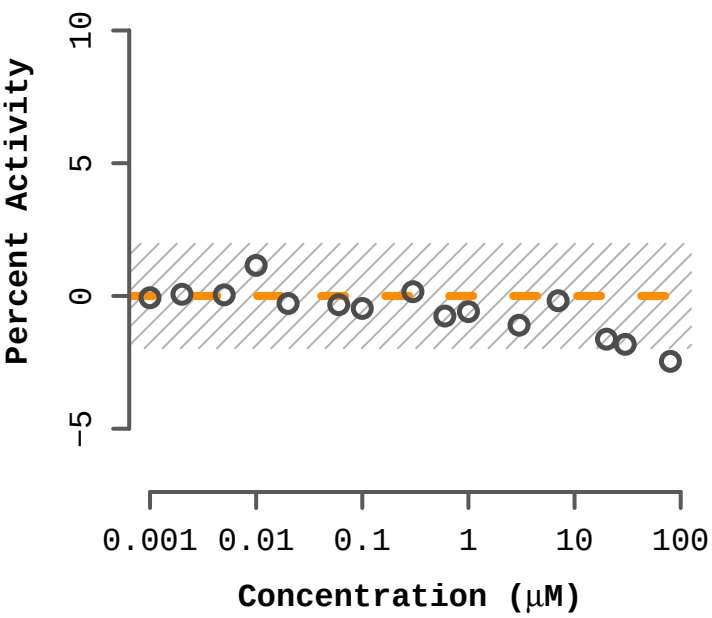
	tp	ga	gw	la	lw
val:	111	-0.141	1.61	2.02	6.12
sd:	1.76	0.0226	0.119	0.00932	0.507

	CNST	HILL	GNLS
AIC:	167.79	107.65	97.28
PROB:	0	0.01	0.99
RMSE:	59.52	13.16	13.34

MAX_MEAN: 113

MAX_MED: 113

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,6-Di-tert-butyl-4-ethylphenol

CHID: 29262 CASRN: 4130-42-1

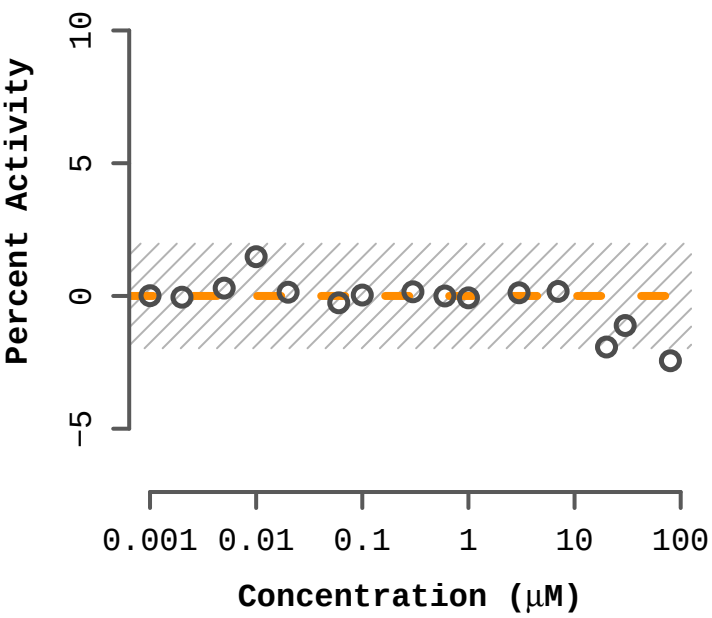
SPID(S): Tox21_201584

M4ID: 11454228

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	45.07	NA	NA	
PROB:	1	NA	NA	
RMSE:	1.03	NA	NA	
MAX_MEAN:	1.15	MAX_MED:	1.15	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-(4-Chloro-2,5-dimethoxyphenyl)-3-oxobutanamide

CHID: 29265 CASRN: 4433-79-8

SPID(S): Tox21_201666

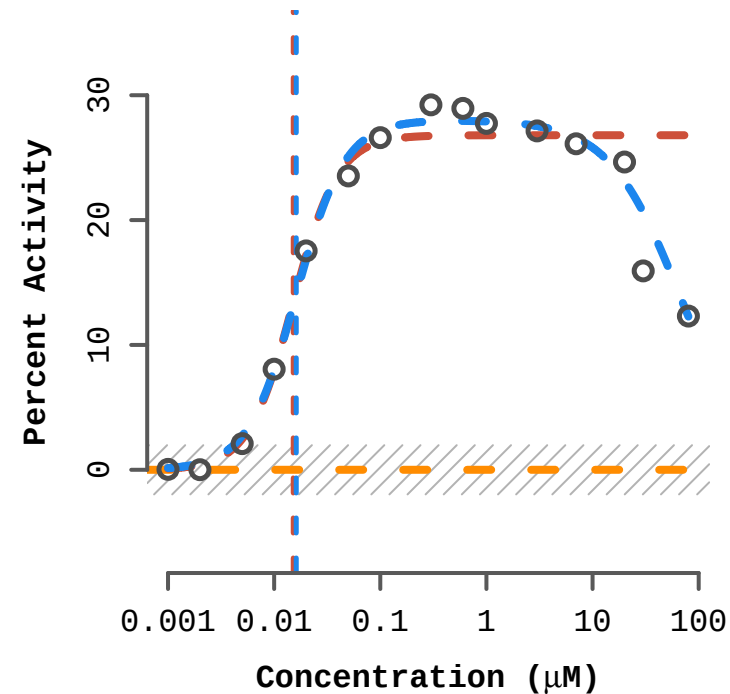
M4ID: 11454146

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.06	NA	NA
PROB:	1	NA	NA
RMSE:	0.94	NA	NA

MAX_MEAN: 1.48 MAX_MED: 1.48 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4,4'-(4-Methylpentane-2,2-diyl)diphenol

CHID: 29282 CASRN: 6807-17-6

SPID(S): Tox21_202128

M4ID: 11453684

HILL MODEL (in red):

	tp	ga	gw
val:	26.8	-1.82	2.07
sd:	0.788	0.0427	0.375

GAIN-LOSS MODEL (in blue):

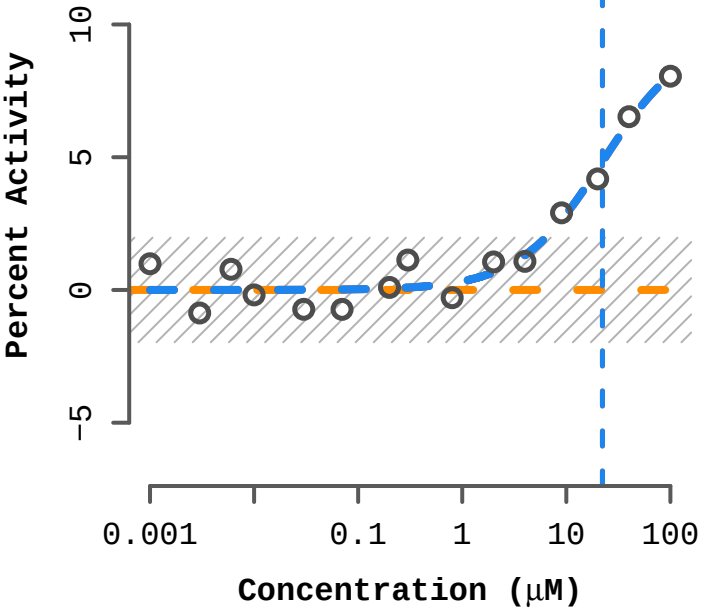
	tp	ga	gw	la	lw
val:	28	-1.79	1.9	1.82	1.3
sd:	0.709	0.0324	0.249	0.0531	0.4

	CNST	HILL	GNLS
AIC:	138.37	87.13	60.33
PROB:	0	0	1
RMSE:	20.87	4.81	1.45

MAX_MEAN: 29.2

MAX_MED: 29.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2',2'',2'''-[Ethane-1,1,2,2-tetrayltetrakis(

CHID: 29286 CASRN: 7328-97-4

SPID(S): Tox21_202150

M4ID: 11453662

HILL MODEL (in red):

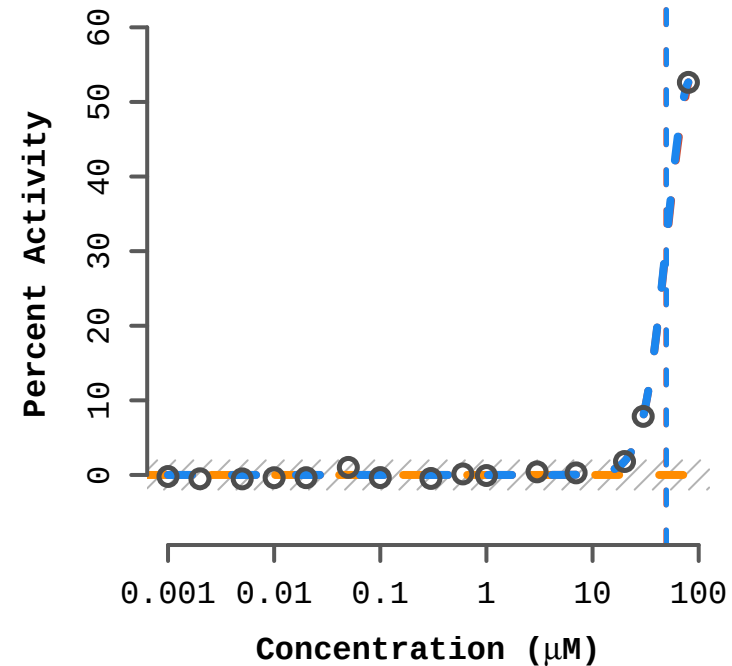
	tp	ga	gw
val:	9.66	1.35	1.08
sd:	1.51	0.167	0.241

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	9.66	1.35	1.08	3.97	5.08
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	74.7	36.87	40.87
PROB:	0	0.88	0.12
RMSE:	3.06	0.59	0.59

MAX_MEAN: 8.05 MAX_MED: 8.05 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 5-Ethyl-1-aza-3,7-dioxabicyclo[3.3.0]octane

CHID: 29289 CASRN: 7747-35-5

SPID(S): Tox21_201455

M4ID: 11454357

HILL MODEL (in red):

	tp	ga	gw
val:	60.5	1.69	3.87
sd:	0.484	0.00585	0.0621

GAIN-LOSS MODEL (in blue):

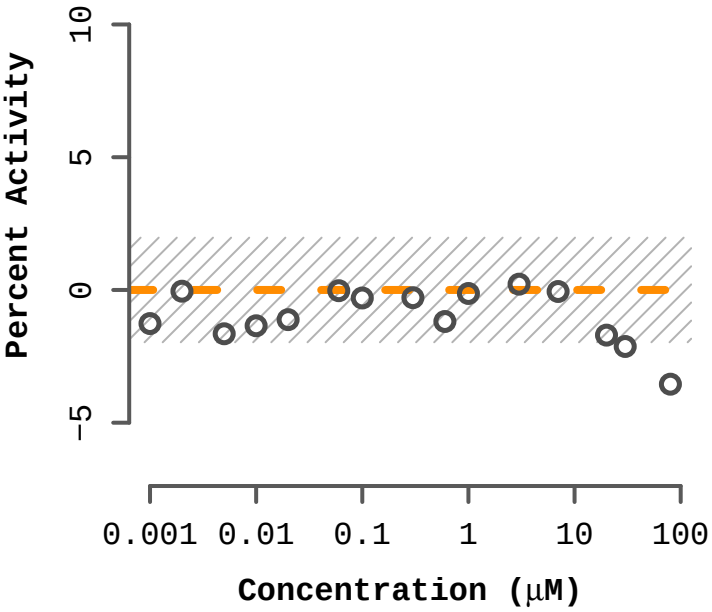
	tp	ga	gw	la	lw
val:	63.1	1.7	3.86	2.03	11.8
sd:	1	0.0113	0.0806	0.0181	1.37

	CNST	HILL	GNLS
AIC:	84.01	23.93	27.93
PROB:	0	0.88	0.12
RMSE:	13.75	0.41	0.41

MAX_MEAN: 52.6

MAX_MED: 52.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (-)-alpha-Pinene

CHID: 29290 CASRN: 7785-26-4

SPID(S): Tox21_201760

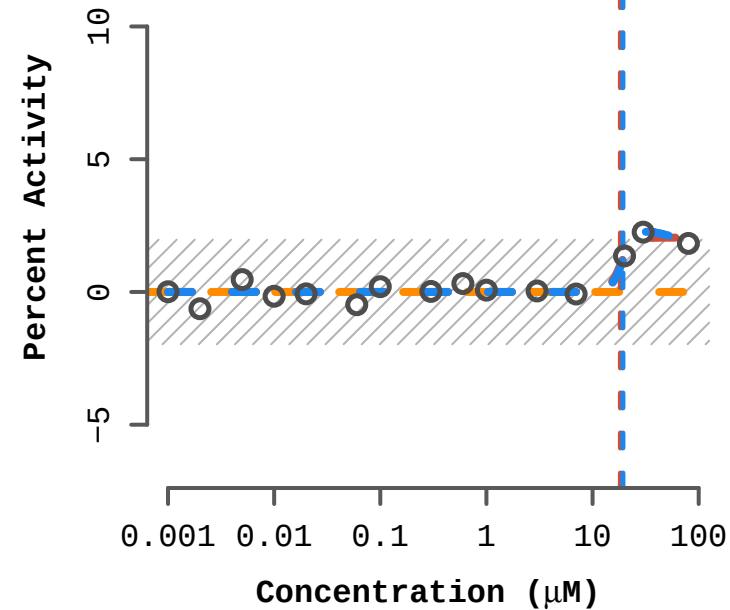
M4ID: 11454052

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	54.25	NA	NA
PROB:	1	NA	NA
RMSE:	1.39	NA	NA

MAX_MEAN: 0.22	MAX_MED: 0.22	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Ethylhexyl 4-(dimethylamino)benzoate

CHID: 29320 CASRN: 21245-02-3

SPID(S): Tox21_202421

M4ID: 11453391

HILL MODEL (in red):

	tp	ga	gw
val:	2.04	1.26	8
sd:	0.213	0.0406	5.32

GAIN-LOSS MODEL (in blue):

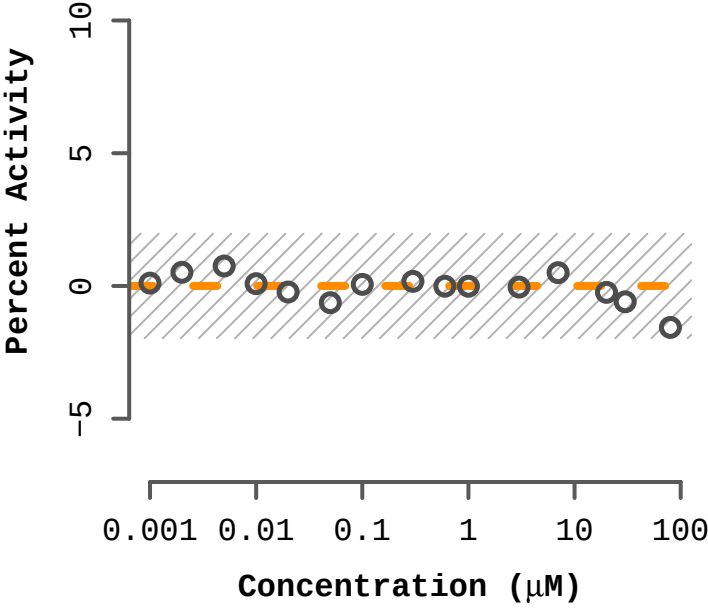
	tp	ga	gw	la	lw
val:	2.46	1.29	8	2.16	1.79
sd:	5.09	0.0804	26.4	1.68	24.7

	CNST	HILL	GNLS
AIC:	36.81	11.85	12.86
PROB:	0	0.62	0.38
RMSE:	0.87	0.28	0.26

MAX_MEAN: 2.25

MAX_MED: 2.25

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

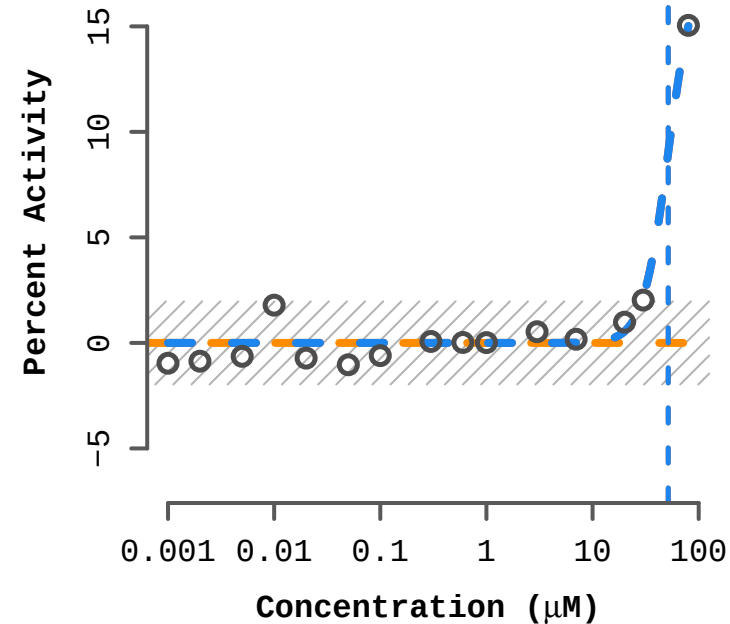
NAME: Methyl dihydrojasmonate
CHID: 29325 CASRN: 24851-98-7
SPID(S): Tox21_202172
M4ID: 11453640

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	24.14	NA	NA
PROB:	1	NA	NA
RMSE:	0.54	NA	NA

MAX_MEAN: 0.752 MAX_MED: 0.752 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tripropylene glycol monomethyl ether

CHID: 29329 CASRN: 25498-49-1

SPID(S): Tox21_201437

M4ID: 11454375

HILL MODEL (in red):

	tp	ga	gw
val:	18.1	1.71	3.65
sd:	4.52	0.113	1.27

GAIN-LOSS MODEL (in blue):

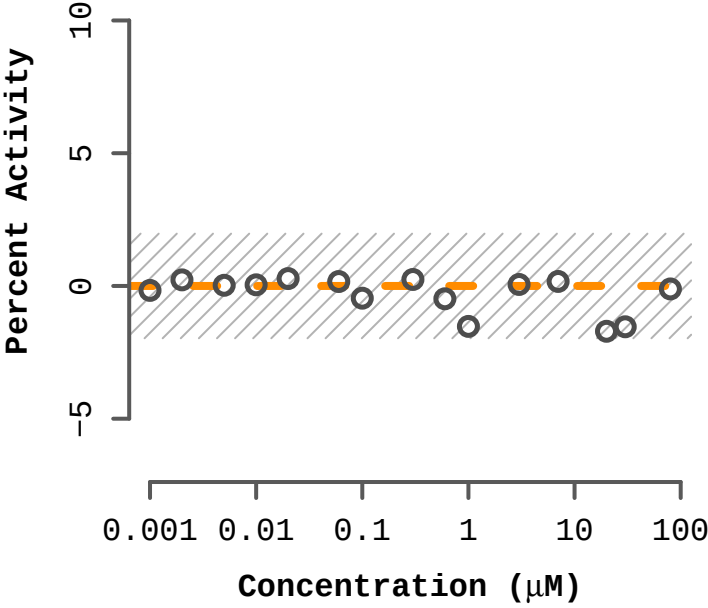
	tp	ga	gw	la	lw
val:	18.1	1.71	3.65	3.38	5.35
sd:	4.6	0.115	1.29	1650	5980

	CNST	HILL	GNLS
AIC:	64.25	40.88	44.88
PROB:	0	0.88	0.12
RMSE:	3.99	0.72	0.72

MAX_MEAN: 15

MAX_MED: 15

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Pentyl-2-cyclopenten-1-one

CHID: 29331 CASRN: 25564-22-1

SPID(S): Tox21_201738

M4ID: 11454074

HILL MODEL: Not applicable.

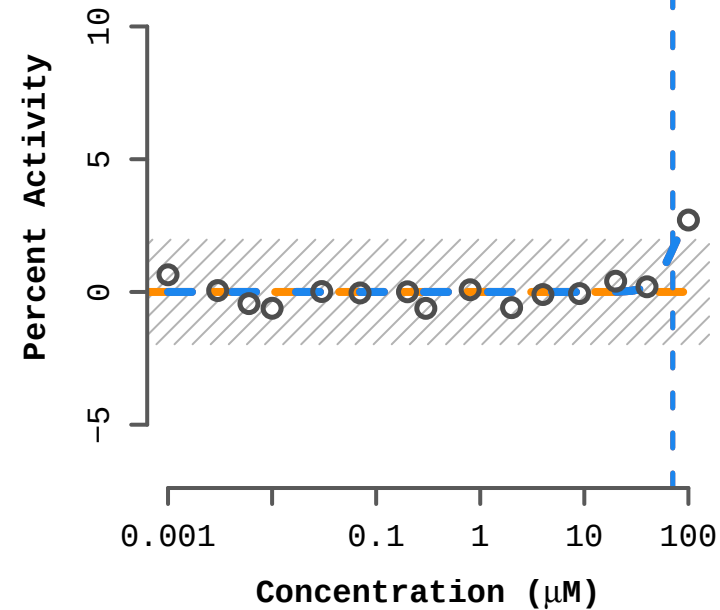
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.85	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 0.28

MAX_MED: 0.28

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Cedr-8-en-9-ylethanone

CHID: 29353 CASRN: 32388-55-9

SPID(S): Tox21_202194

M4ID: 11453618

HILL MODEL (in red):

	tp	ga	gw
val:	3.25	1.85	4.62
sd:	4.37	0.502	7.86

GAIN-LOSS MODEL (in blue):

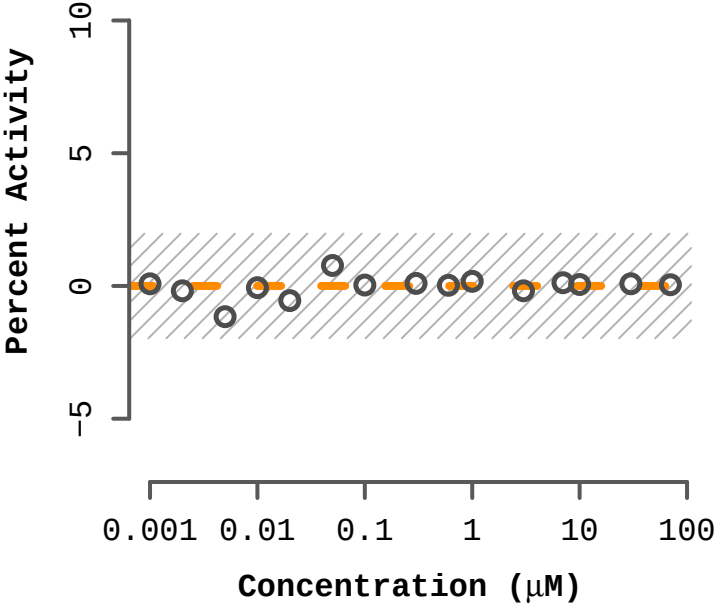
	tp	ga	gw	la	lw
val:	3.25	1.85	4.63	3.91	3.28
sd:	5.12	0.588	9.2	1150	1990

	CNST	HILL	GNLS
AIC:	28.82	19.93	23.93
PROB:	0.01	0.87	0.12
RMSE:	0.79	0.36	0.36

MAX_MEAN: 2.71

MAX_MED: 2.71

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

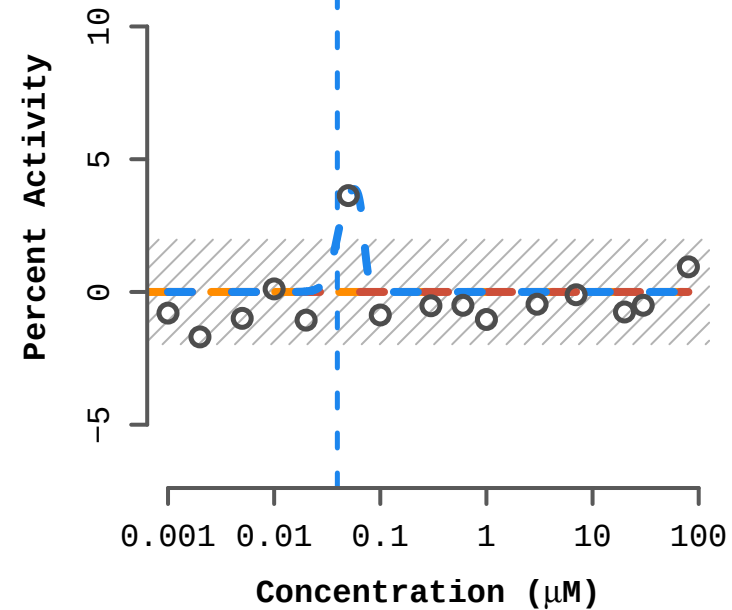
NAME: 1-Methoxy-2-propylamine
CHID: 29359 CASRN: 37143-54-7
SPID(S): Tox21_202050
M4ID: 11453762

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	11.62	NA	NA
PROB:	1	NA	NA
RMSE:	0.4	NA	NA

MAX_MEAN: 0.773 MAX_MED: 0.773 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Methoxy-2-methyl-N-phenylaniline

CHID: 29364 CASRN: 41317-15-1

SPID(S): Tox21_201840

M4ID: 11453972

HILL MODEL (in red):

	tp	ga	gw
val:	1.24e-09	2.36	0.405
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

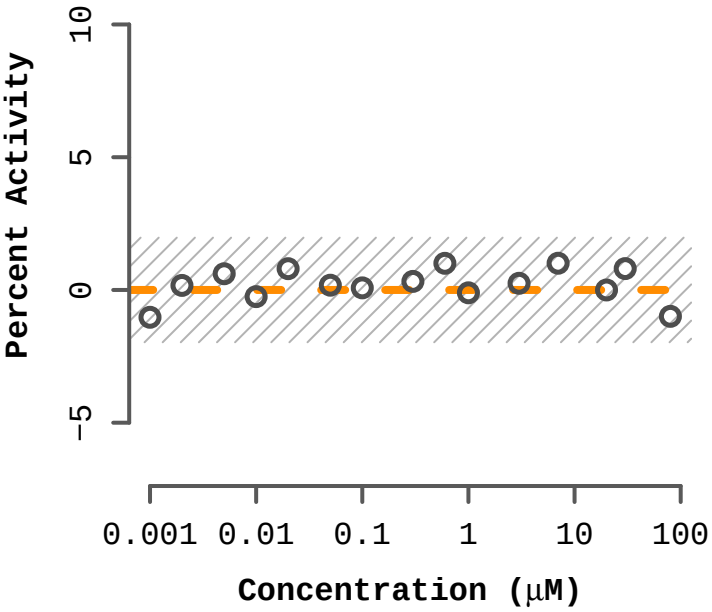
	tp	ga	gw	la	lw
val:	4.18	-1.4	8	-1.15	18
sd:	5.72	0.458	11.2	0.421	48.8

	CNST	HILL	GNLS
AIC:	49.25	55.25	50.36
PROB:	0.62	0.03	0.35
RMSE:	1.24	1.24	0.81

MAX_MEAN: 3.63

MAX_MED: 3.63

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

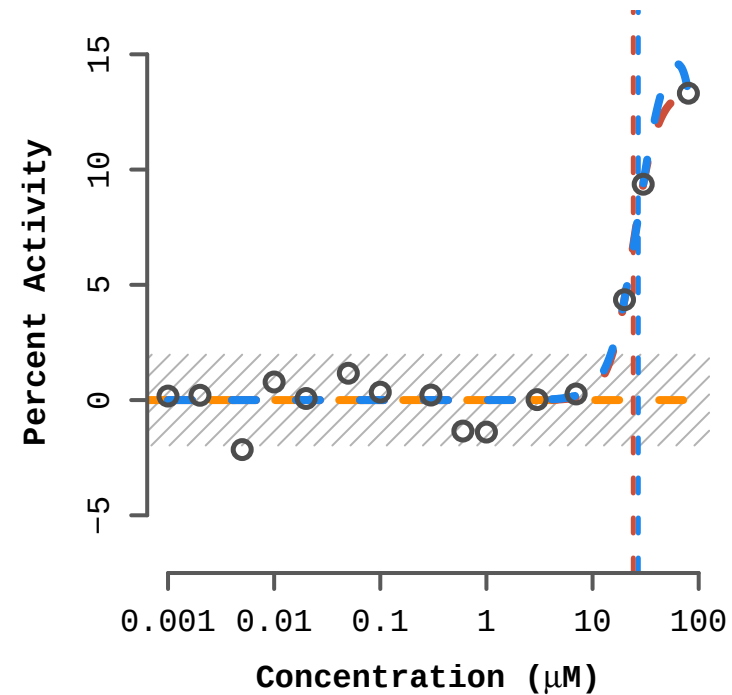
NAME: Diazolidinyl urea
CHID: 29559 CASRN: 78491-02-8
SPID(S): Tox21_202068
M4ID: 11453744

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.58	NA	NA
PROB:	1	NA	NA
RMSE:	0.64	NA	NA

MAX_MEAN: 1.01 MAX_MED: 1.01 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benoxacor

CHID: 29572 CASRN: 98730-04-2

SPID(S): Tox21_202216

M4ID: 11453596

HILL MODEL (in red):

	tp	ga	gw
val:	13.5	1.38	3.83
sd:	0.559	0.018	0.671

GAIN-LOSS MODEL (in blue):

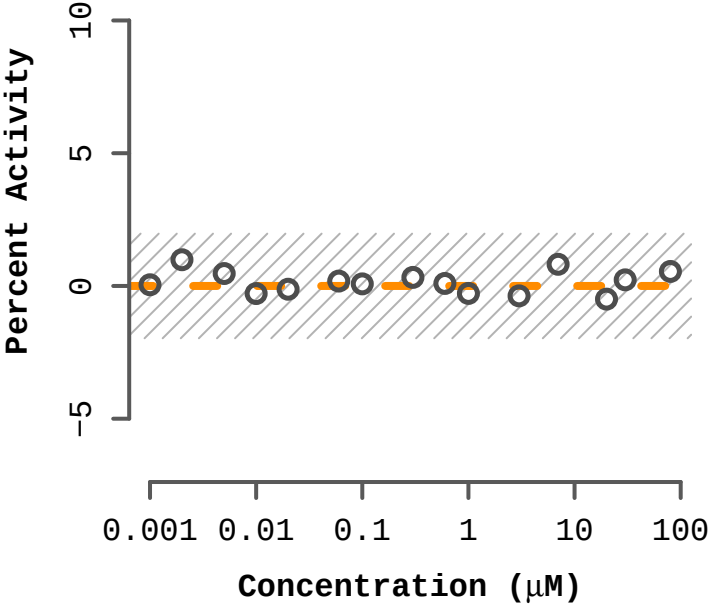
	tp	ga	gw	la	lw
val:	16	1.43	3.26	2.01	7.02
sd:	3.92	0.0697	0.765	0.0334	6.91

	CNST	HILL	GNLS
AIC:	80.95	43.56	47.49
PROB:	0	0.88	0.12
RMSE:	4.43	0.84	0.84

MAX_MEAN: 13.3

MAX_MED: 13.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Methacrylamide

CHID: 29600 **CASRN:** 79-39-0

SPID(S): Tox21_202281

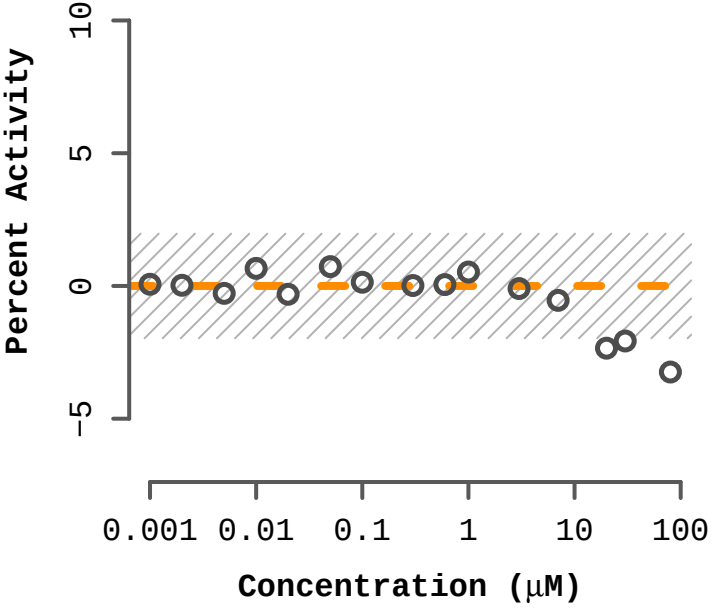
M4ID: 11453531

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	20.87	NA	NA
PROB:	1	NA	NA
RMSE:	0.44	NA	NA

MAX_MEAN: 0.989 **MAX_MED:** 0.989 **BMAD:** 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triethylene glycol dimethacrylate

CHID: 29607 CASRN: 109-16-0

SPID(S): Tox21_202238

M4ID: 11453574

HILL MODEL: Not applicable.

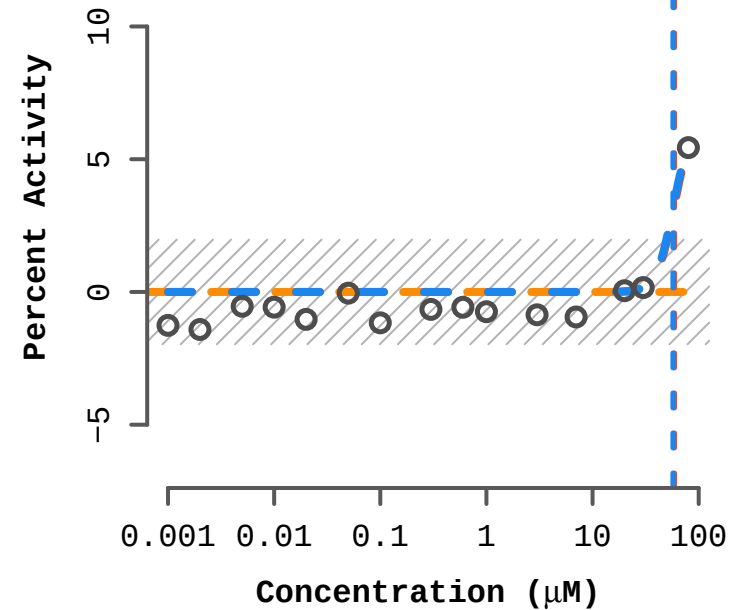
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	46.55	NA	NA
PROB:	1	NA	NA
RMSE:	1.21	NA	NA

MAX_MEAN: 0.73

MAX_MED: 0.73

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Limonene

CHID: 29612 CASRN: 138-86-3

SPID(S): Tox21_201818

M4ID: 11453994

HILL MODEL (in red):

	tp	ga	gw
val:	6.53	1.77	5.33
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

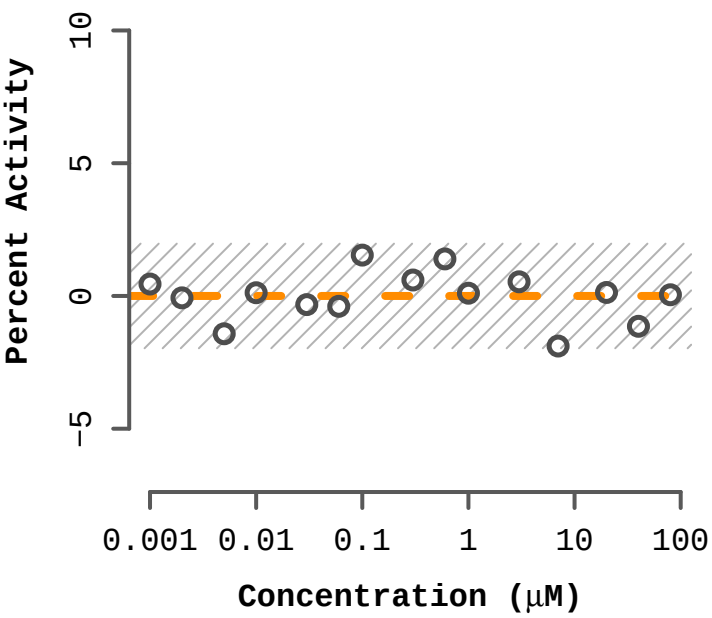
	tp	ga	gw	la	lw
val:	6.34	1.76	5.56	2.75	2.38
sd:	113	6.8	105	92.4	217

	CNST	HILL	GNLS
AIC:	52.46	45.9	49.9
PROB:	0.03	0.85	0.12
RMSE:	1.62	0.8	0.8

MAX_MEAN: 5.44

MAX_MED: 5.44

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Imidazole

CHID: 29616 CASRN: 288-32-4

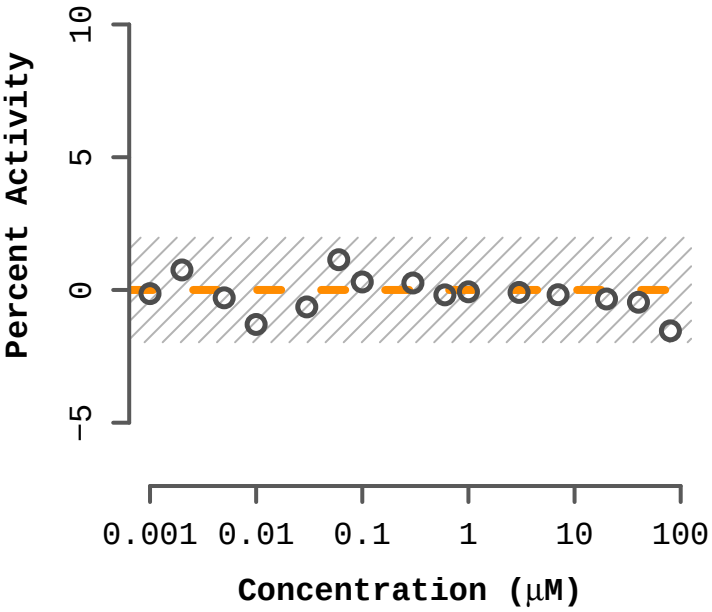
SPID(S): Tox21_201504

M4ID: 11454308

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	42.17	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.91	NA	NA	
MAX_MEAN:	1.54	MAX_MED:	1.54	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3,5,5-Trimethyl-1-hexanol

CHID: 29661 CASRN: 3452-97-9

SPID(S): Tox21_202260

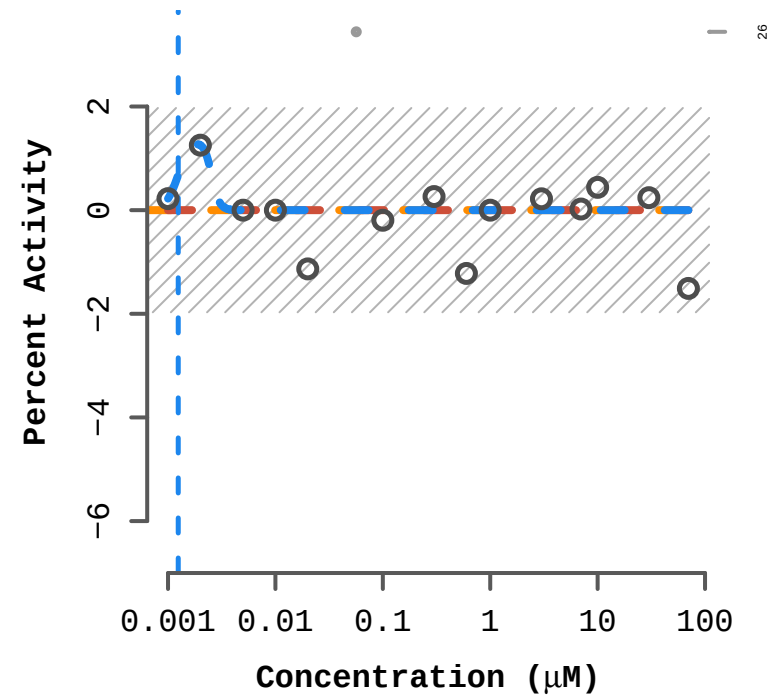
M4ID: 11453552

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	32.9	NA	NA
PROB:	1	NA	NA
RMSE:	0.68	NA	NA

MAX_MEAN: 1.14 MAX_MED: 1.14 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ammonium nitrate

CHID: 29668 CASRN: 6484-52-2

SPID(S): Tox21_202271

M4ID: 11453541 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	0.000274	2.34	7.82
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

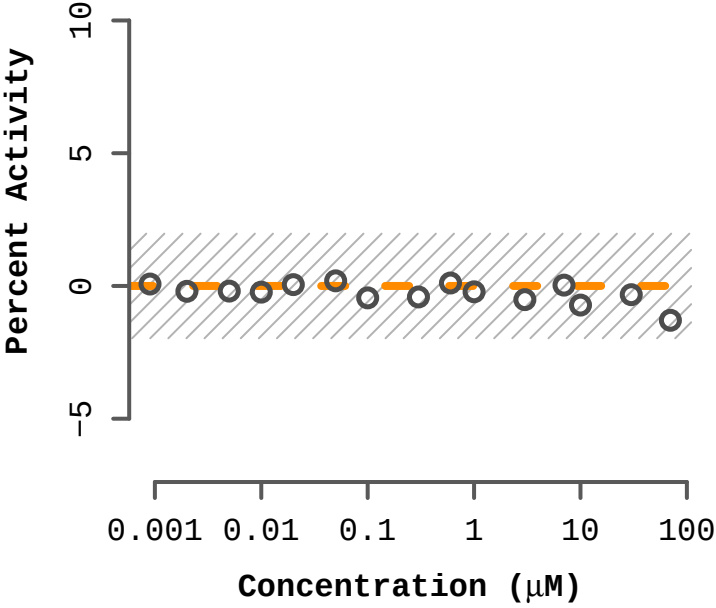
	tp	ga	gw	la	lw
val:	1.36	-2.9	7.44	-2.59	11.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	63.29	69.29	69.71
PROB:	0.92	0.05	0.04
RMSE:	6.78	6.78	6.77

MAX_MEAN: 26.1

MAX_MED: 26.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Potassium nitrate

CHID: 29692 CASRN: 7757-79-1

SPID(S): Tox21_201581

M4ID: 11454231

HILL MODEL: Not applicable.

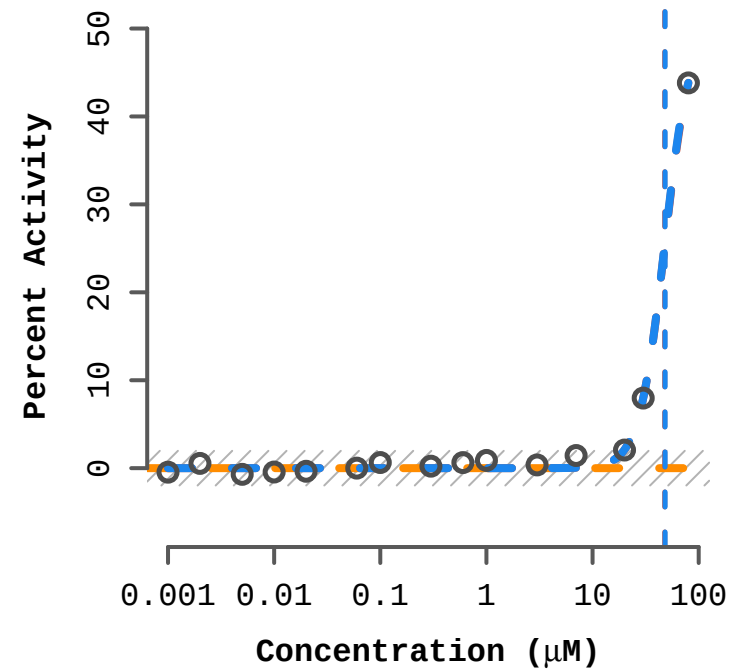
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	19.59	NA	NA
PROB:	1	NA	NA
RMSE:	0.46	NA	NA

MAX_MEAN: 0.194

MAX_MED: 0.194

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium persulfate

CHID: 29698 CASRN: 7775-27-1

SPID(S): Tox21_201326

M4ID: 11454486

HILL MODEL (in red):

	tp	ga	gw
val:	50.7	1.68	3.6
sd:	0.831	0.0098	0.111

GAIN-LOSS MODEL (in blue):

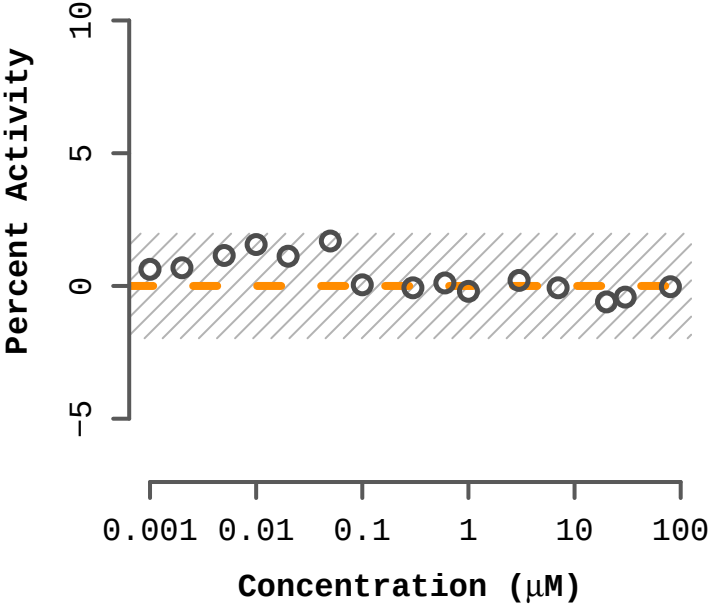
	tp	ga	gw	la	lw
val:	51.9	1.68	3.59	2.28	4.6
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	85.27	34.91	38.91
PROB:	0	0.88	0.12
RMSE:	11.53	0.58	0.58

MAX_MEAN: 43.8

MAX_MED: 43.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium dichloro-s-triazinetriane dihydrate

CHID: 29761 CASRN: 51580-86-0

SPID(S): Tox21_201922

M4ID: 11453890

HILL MODEL: Not applicable.

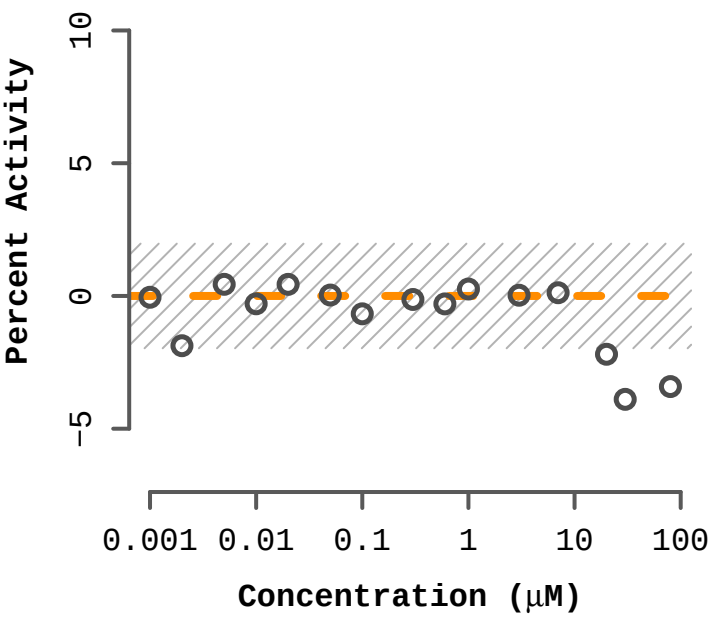
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	37.61	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA

MAX_MEAN: 1.69

MAX_MED: 1.69

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (-)-Epigallocatechin gallate

CHID: 29889 CASRN: 989-51-5

SPID(S): Tox21_201468

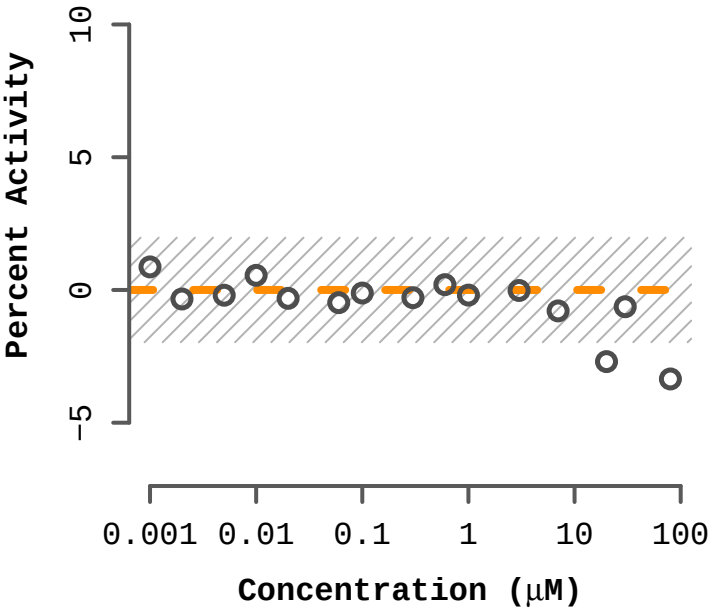
M4ID: 11454344

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	54.44	NA	NA
PROB:	1	NA	NA
RMSE:	1.55	NA	NA

MAX_MEAN: 0.44	MAX_MED: 0.44	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

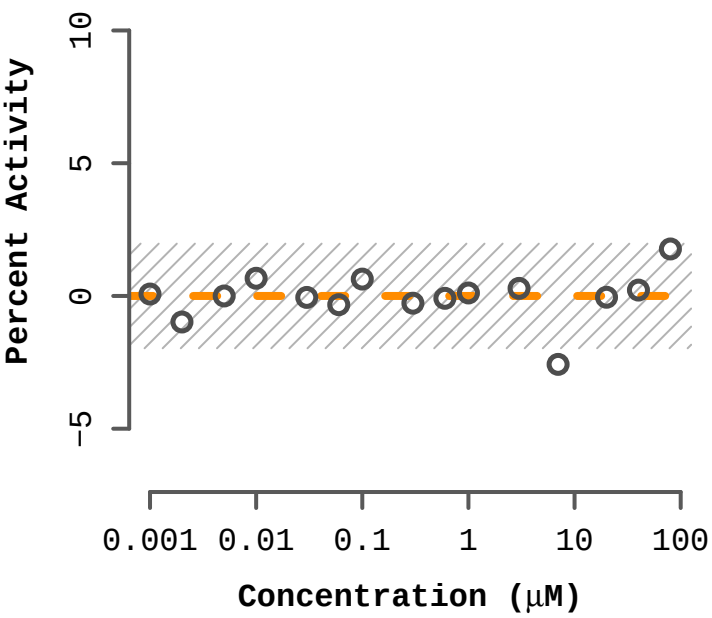
NAME: 2,2-Dichloropropane
CHID: 30060 CASRN: 594-20-7
SPID(S): Tox21_202311
M4ID: 11453501

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	44.18	NA	NA
PROB:	1	NA	NA
RMSE:	1.19	NA	NA

MAX_MEAN: 0.869	MAX_MED: 0.869	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-Acetylthiazole

CHID: 30162 **CASRN:** 24295-03-2

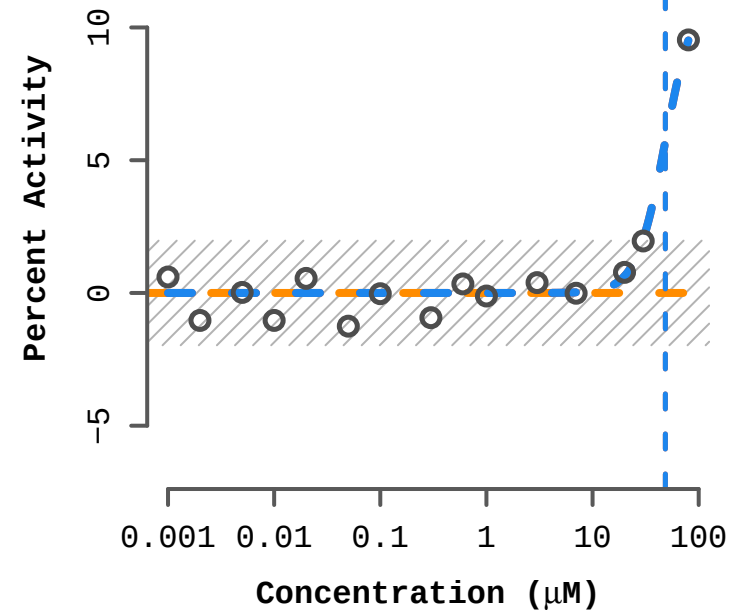
SPID(S): Tox21_202054

M4ID: 11453758

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	36.46	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.89	NA	NA	
MAX_MEAN:	1.77	MAX_MED:	1.77	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Amino-9-ethylcarbazole

CHID: 30319 CASRN: 132-32-1

SPID(S): Tox21_202398

M4ID: 11453414

HILL MODEL (in red):

	tp	ga	gw
val:	11.4	1.69	3.19
sd:	3.31	0.142	1.33

GAIN-LOSS MODEL (in blue):

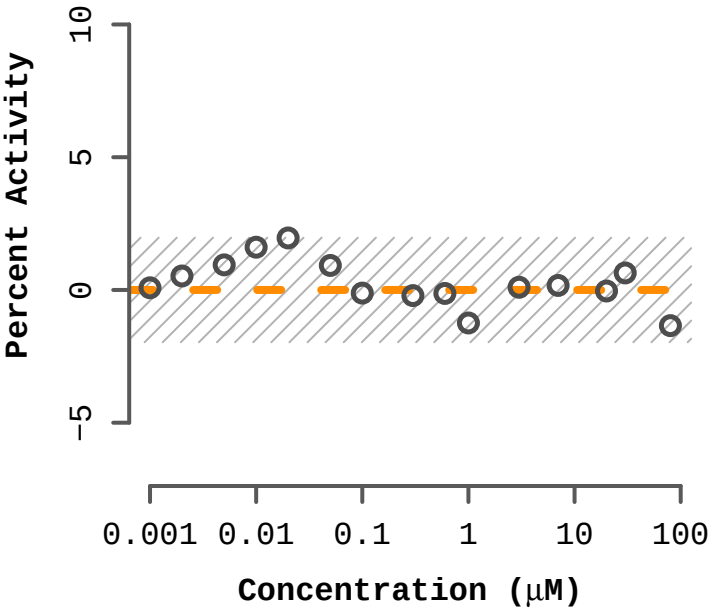
	tp	ga	gw	la	lw
val:	11.4	1.69	3.19	3.37	4.75
sd:	3.31	0.142	1.33	785	2540

	CNST	HILL	GNLS
AIC:	57.27	36.02	40.02
PROB:	0	0.88	0.12
RMSE:	2.59	0.61	0.61

MAX_MEAN: 9.53

MAX_MED: 9.53

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

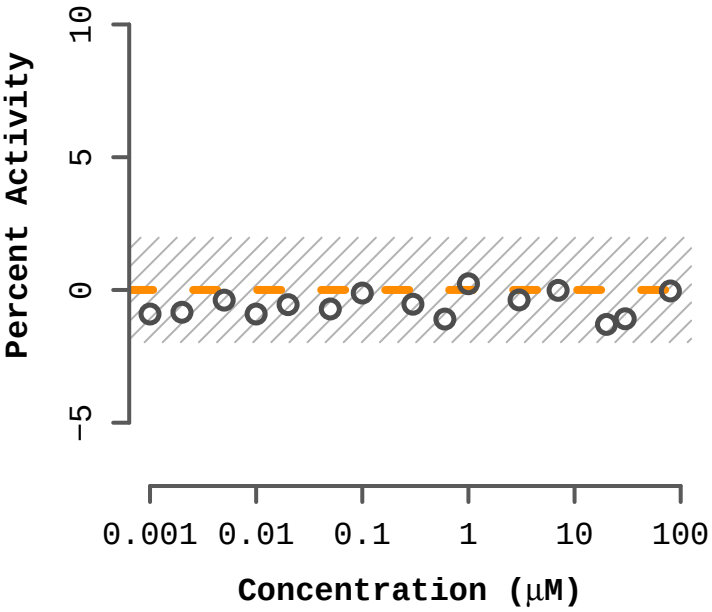
NAME: 3-Chloropropionitrile
CHID: 30336 CASRN: 542-76-7
SPID(S): Tox21_202225
M4ID: 11453587

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.13	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA

MAX_MEAN: 1.96	MAX_MED: 1.96	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 5-(Hydroxymethyl)-2-furfural

CHID: 30428 CASRN: 67-47-0

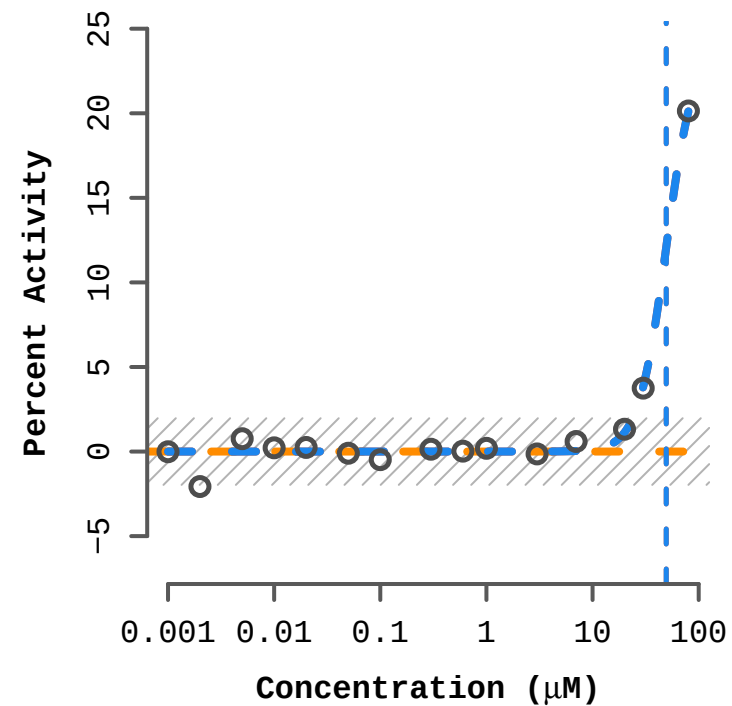
SPID(S): Tox21_201892

M4ID: 11453920

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.92	NA	NA
PROB:	1	NA	NA
RMSE:	0.72	NA	NA
MAX_MEAN:	0.235	MAX_MED: 0.235	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Acesulfame potassium

CHID: 30606 CASRN: 55589-62-3

SPID(S): Tox21_202423

M4ID: 11453389

HILL MODEL (in red):

	tp	ga	gw
val:	24.2	1.69	3.33
sd:	0.711	0.0156	0.167

GAIN-LOSS MODEL (in blue):

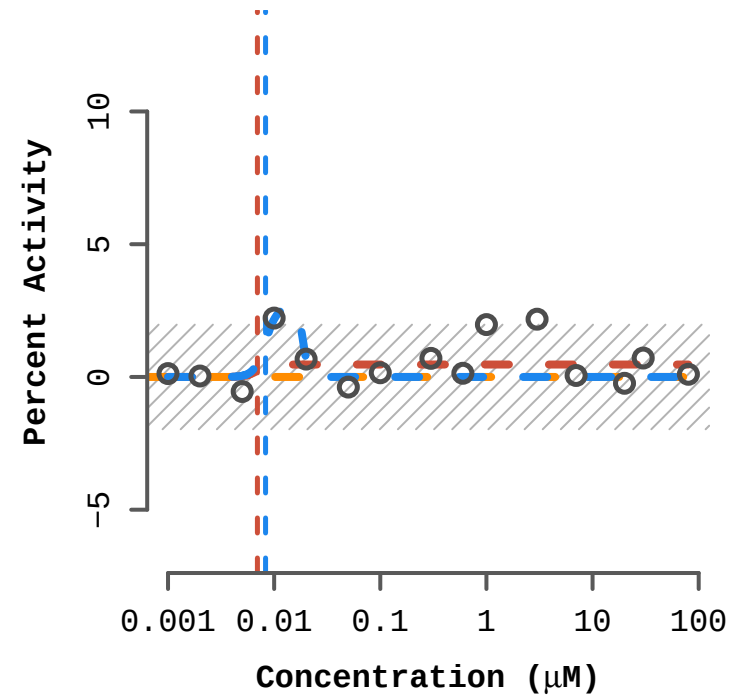
	tp	ga	gw	la	lw
val:	24.2	1.69	3.33	3.89	10.6
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	69.16	27.69	31.69
PROB:	0	0.88	0.12
RMSE:	5.34	0.61	0.61

MAX_MEAN: 20.1

MAX_MED: 20.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: alpha-Cyclodextrin

CHID: 30698 CASRN: 10016-20-3

SPID(S): Tox21_201252

M4ID: 11454560

HILL MODEL (in red):

	tp	ga	gw
val:	0.468	-2.16	8
sd:	0.237	0.196	10.5

GAIN-LOSS MODEL (in blue):

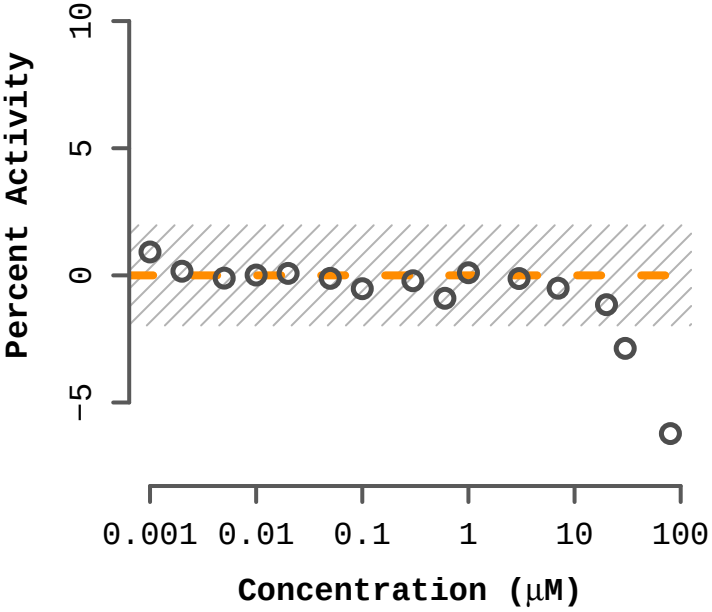
	tp	ga	gw	la	lw
val:	2.66	-2.08	7.99	-1.73	16.9
sd:	1.72	0.148	5.88	0.0346	19.7

	CNST	HILL	GNLS
AIC:	43.34	44.95	44.14
PROB:	0.47	0.21	0.32
RMSE:	1.02	0.84	0.83

MAX_MEAN: 2.22

MAX_MED: 2.22

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: D&C Red 27

CHID: 31089 CASRN: 13473-26-2

SPID(S): Tox21_202165

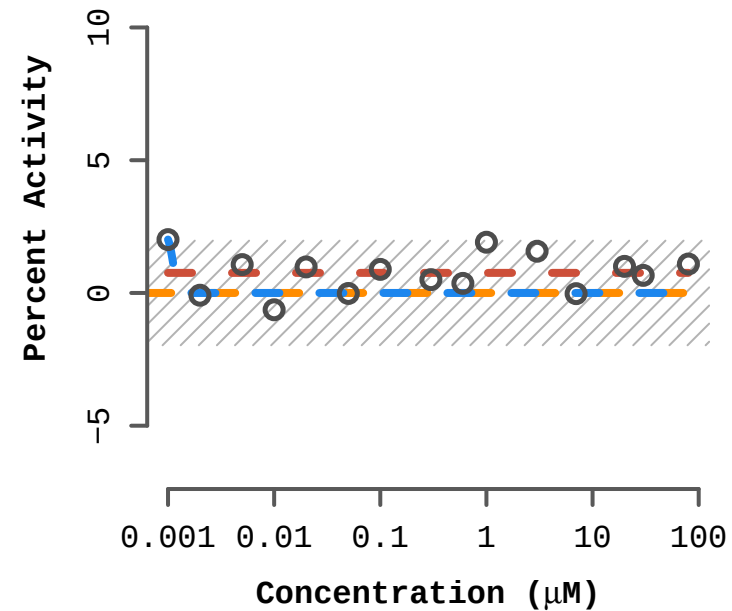
M4ID: 11453647

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	51.83	NA	NA
PROB:	1	NA	NA
RMSE:	1.84	NA	NA

MAX_MEAN: 0.921	MAX_MED: 0.921	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dipentyl phthalate

CHID: 31131 CASRN: 131-18-0

SPID(S): Tox21_201519

M4ID: 11454293

HILL MODEL (in red):

	tp	ga	gw
val:	0.756	-4.84	4.07
sd:	0.196	1460	3260

GAIN-LOSS MODEL (in blue):

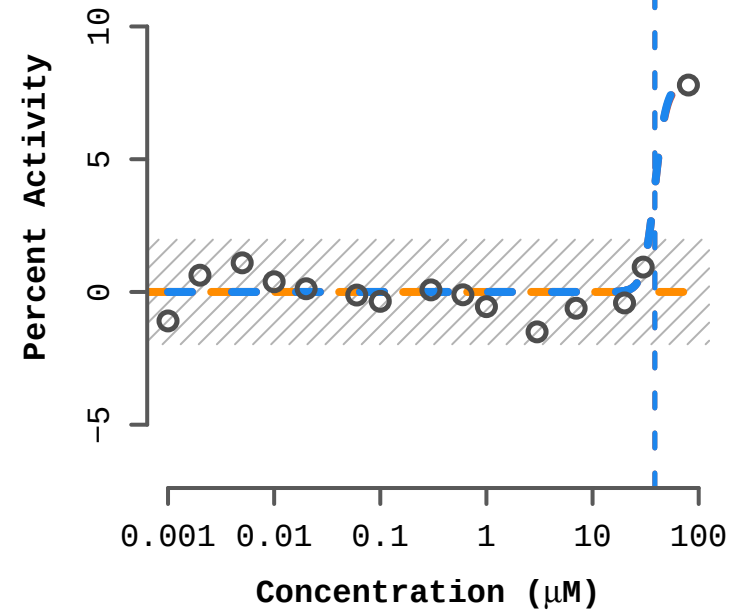
	tp	ga	gw	la	lw
val:	2.3	-3.76	5.04	-2.95	17.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	47.55	42.59	53.15
PROB:	0.08	0.92	0
RMSE:	1.05	0.73	0.91

MAX_MEAN: 2.01

MAX_MED: 2.01

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Dipropyl phthalate

CHID: 31133 CASRN: 131-16-8

SPID(S): Tox21_201662

M4ID: 11454150

HILL MODEL (in red):

	tp	ga	gw
val:	7.82	1.59	8
sd:	0.503	0.136	9.25

GAIN-LOSS MODEL (in blue):

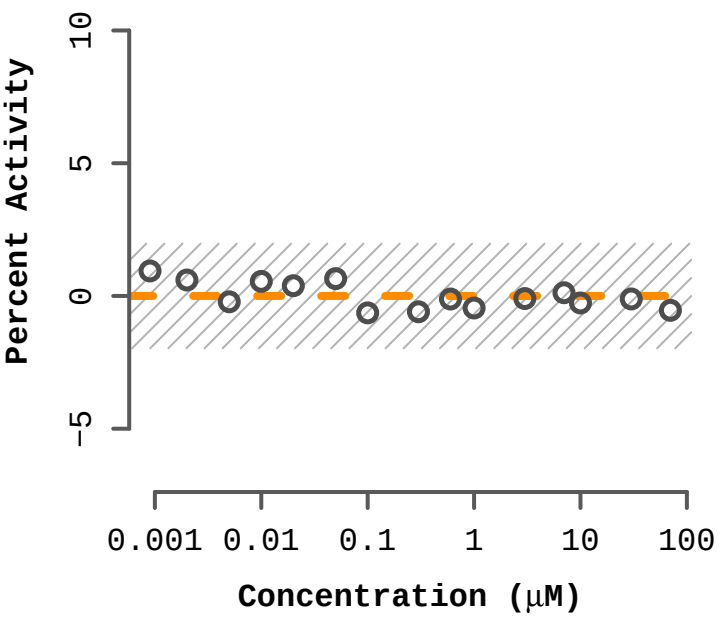
	tp	ga	gw	la	lw
val:	7.9	1.59	8	2.2	6.65
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	52.12	37.45	41.45
PROB:	0	0.88	0.12
RMSE:	2.13	0.65	0.65

MAX_MEAN: 7.79

MAX_MED: 7.79

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-(2,3,8,8-Tetramethyl-1,2,3,4,5,6,7,8-octahydro-1H-benzod[5,6-f]quinoxaline-2-yl)pyrrolidine

CHID: 31290 CASRN: 54464-57-2

SPID(S): Tox21_201355

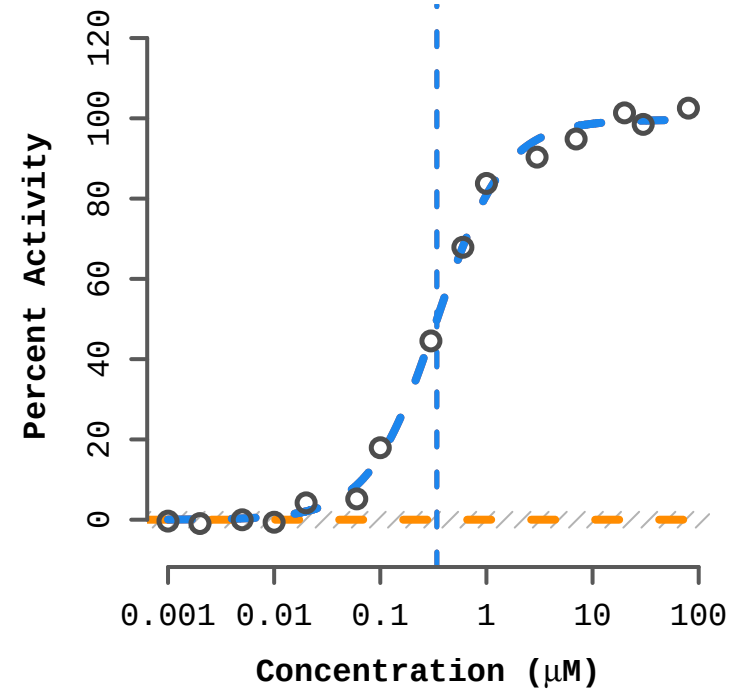
M4ID: 11454457

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	25.07	NA	NA
PROB:	1	NA	NA
RMSE:	0.49	NA	NA

MAX_MEAN: 0.943 MAX_MED: 0.943 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethoxyacetic acid

CHID: 31294 CASRN: 627-03-2

SPID(S): Tox21_202431

M4ID: 11453381

HILL MODEL (in red):

	tp	ga	gw
val:	99.7	-0.467	1.36
sd:	1.46	0.0205	0.104

GAIN-LOSS MODEL (in blue):

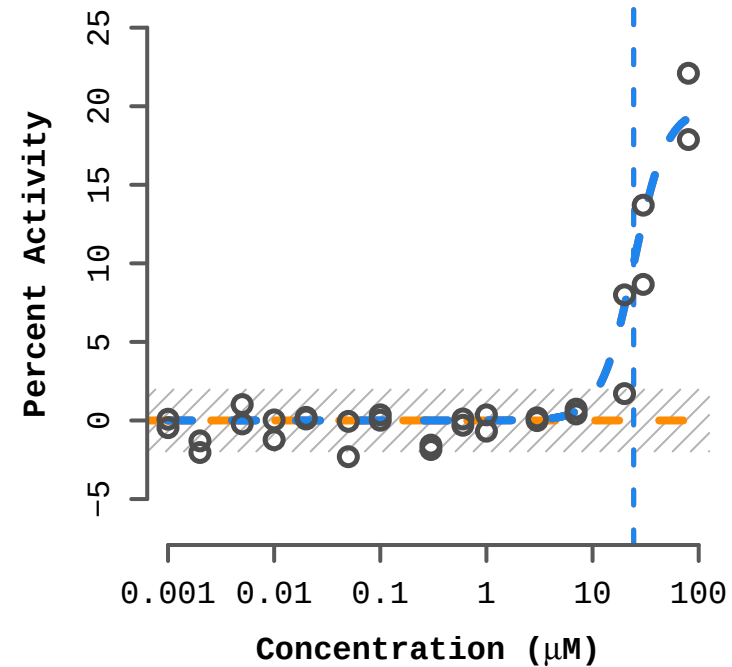
	tp	ga	gw	la	lw
val:	99.7	-0.467	1.36	3.2	17.9
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	170.96	76.86	80.86
PROB:	0	0.88	0.12
RMSE:	64.1	2.26	2.26

MAX_MEAN: 103

MAX_MED: 103

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Indole-3-carbinol

CHID: 31458 CASRN: 700-06-1

SPID(S): Tox21_400055

M4ID: 11453293

HILL MODEL (in red):

	tp	ga	gw
val:	19.9	1.39	2.8
sd:	3.38	0.0746	0.799

GAIN-LOSS MODEL (in blue):

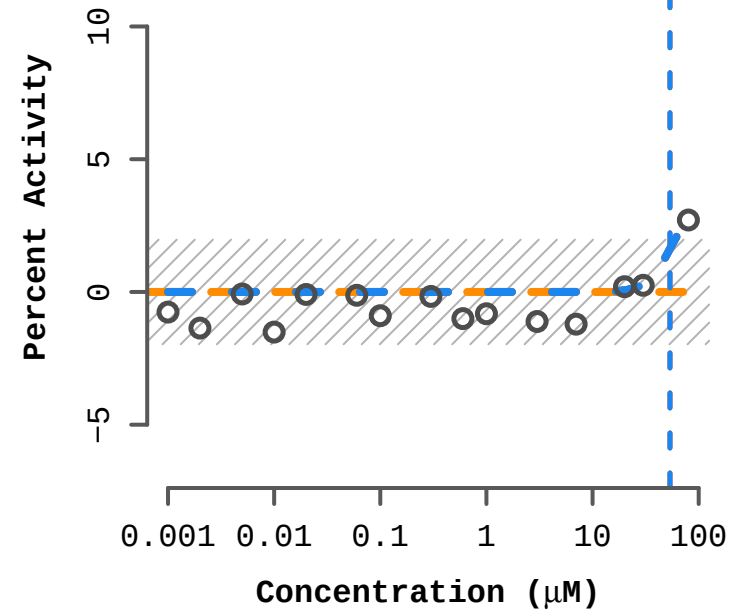
	tp	ga	gw	la	lw
val:	19.9	1.39	2.8	2.59	8.96
sd:	3.38	0.0746	0.799	549	7190

	CNST	HILL	GNLS
AIC:	171.19	114.17	118.17
PROB:	0	0.88	0.12
RMSE:	6.22	1.63	1.63

MAX_MEAN: 20

MAX_MED: 20

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Butyl-1-methylpyrrolidinium chloride

CHID: 31460 CASRN: 479500-35-1

SPID(S): Tox21_201819

M4ID: 11453993

HILL MODEL (in red):

	tp	ga	gw
val:	3.25	1.73	4
sd:	6.49	0.862	10

GAIN-LOSS MODEL (in blue):

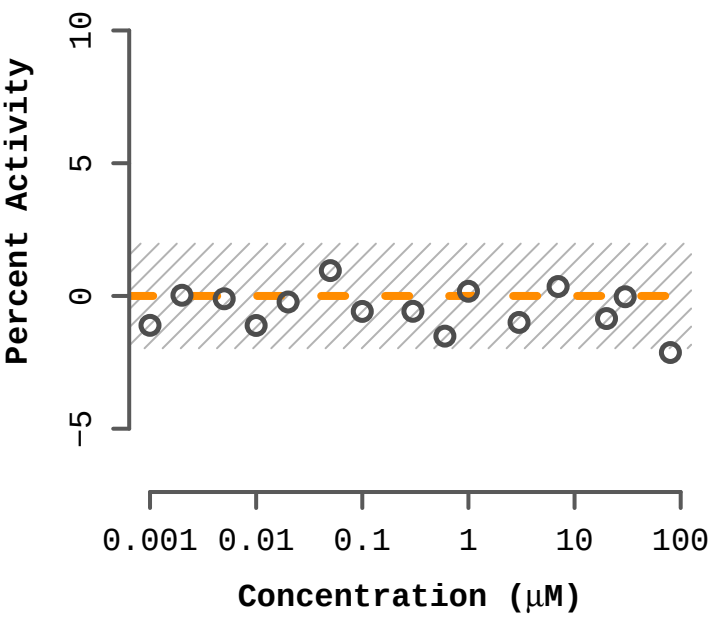
	tp	ga	gw	la	lw
val:	3.25	1.73	4	2.85	6.17
sd:	6.5	0.863	10	836	5430

	CNST	HILL	GNLS
AIC:	47.02	45.88	49.88
PROB:	0.33	0.59	0.08
RMSE:	1.08	0.81	0.81

MAX_MEAN: 2.71

MAX_MED: 2.71

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1-Butyl-3-methylimidazolium chloride

CHID: 31461 **CASRN:** 79917-90-1

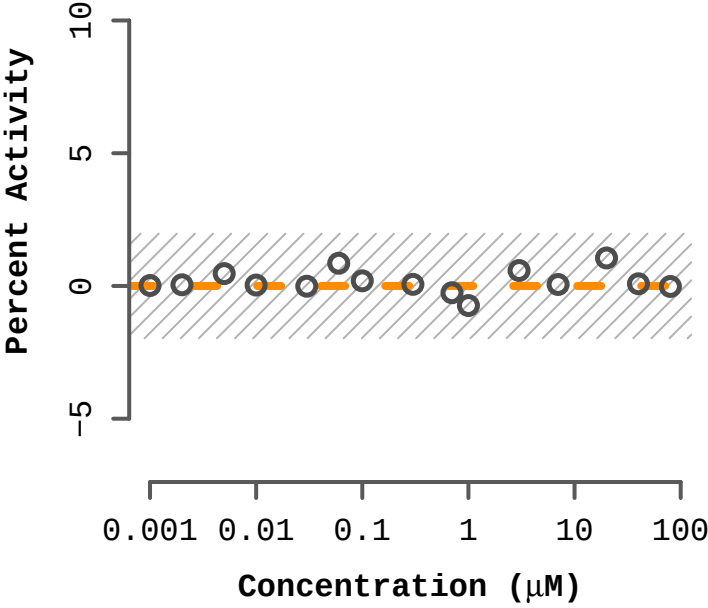
SPID(S): Tox21_201690

M4ID: 11454122

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.96	NA	NA
PROB:	1	NA	NA
RMSE:	0.92	NA	NA
MAX_MEAN: 0.956		MAX_MED: 0.956	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: N-Butylpyridinium chloride

CHID: 31462 **CASRN:** 1124-64-7

SPID(S): Tox21_201416

M4ID: 11454396

HILL MODEL: Not applicable.

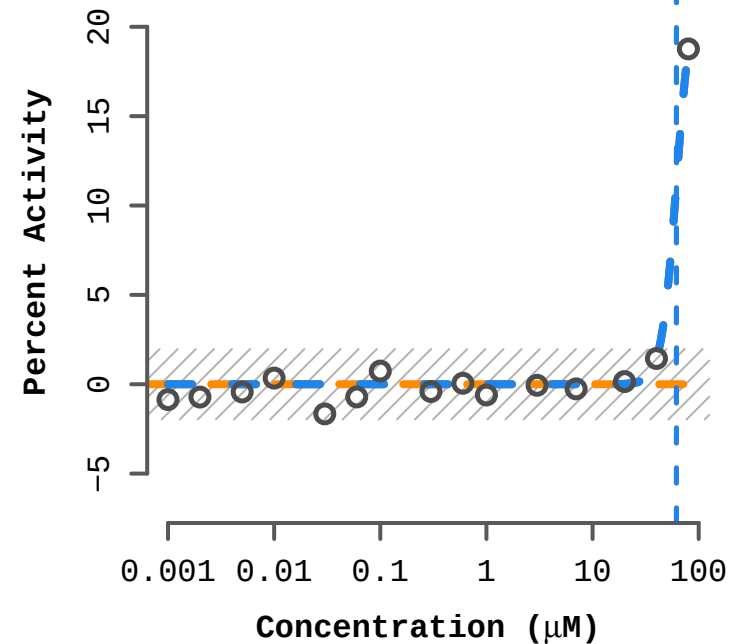
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	19.69	NA	NA
PROB:	1	NA	NA
RMSE:	0.45	NA	NA

MAX_MEAN: 1.06

MAX_MED: 1.06

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Isopropenyl acetate

CHID: 31492 CASRN: 108-22-5

SPID(S): Tox21_201748

M4ID: 11454064

HILL MODEL (in red):

	tp	ga	gw
val:	22.5	1.79	6.19
sd:	1.59	0.0202	0.917

GAIN-LOSS MODEL (in blue):

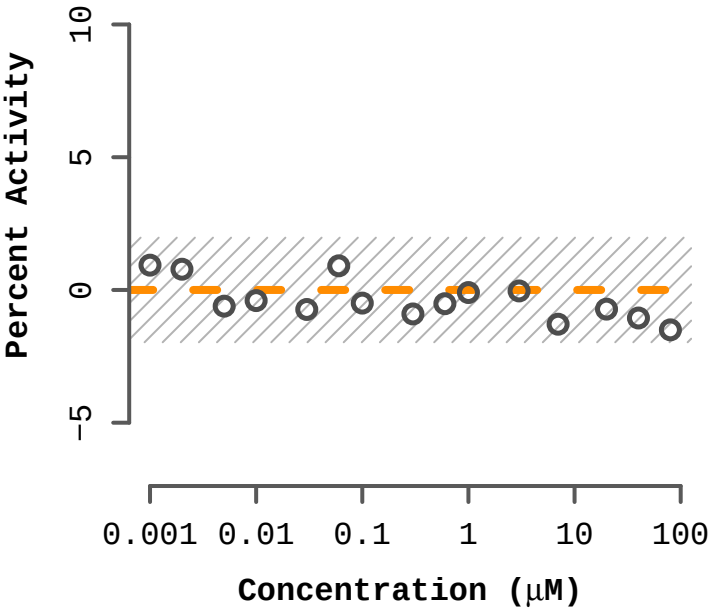
	tp	ga	gw	la	lw
val:	22.5	1.79	6.19	3.63	3.54
sd:	1.6	0.0202	0.917	1290	2670

	CNST	HILL	GNLS
AIC:	61.77	36.42	40.42
PROB:	0	0.88	0.12
RMSE:	4.9	0.63	0.63

MAX_MEAN: 18.8

MAX_MED: 18.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

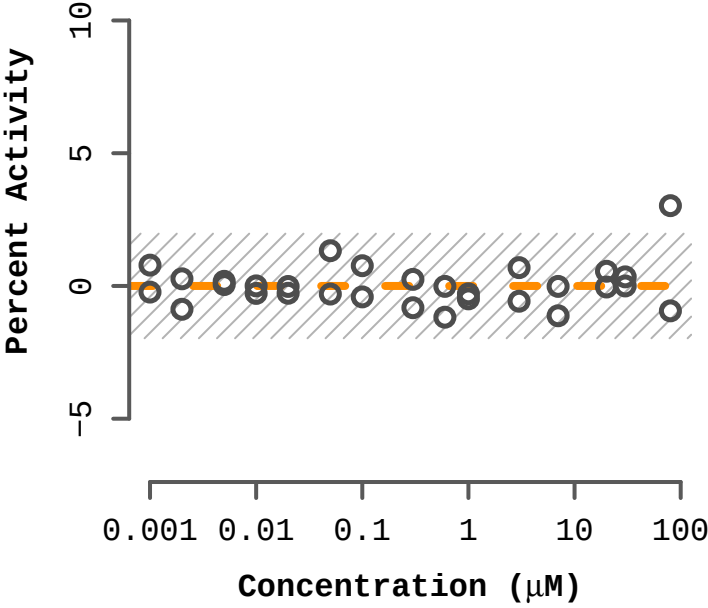
NAME: Methoxyacetic acid
CHID: 31591 CASRN: 625-45-6
SPID(S): Tox21_201571
M4ID: 11454241

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.31	NA	NA
PROB:	1	NA	NA
RMSE:	0.83	NA	NA

MAX_MEAN:	0.936	MAX_MED:	0.936	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: PFOS

CHID: 31864 **CASRN:** 1763-23-1

SPID(S): Tox21_400083

M4ID: 11453265

HILL MODEL: Not applicable.

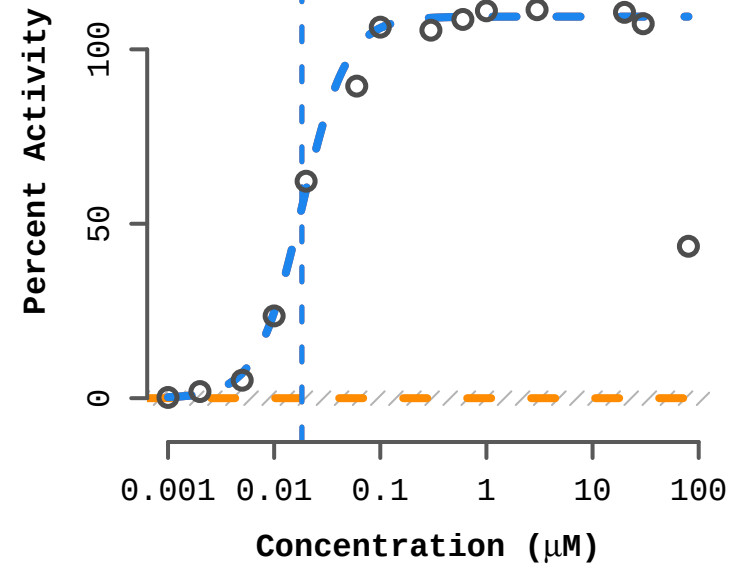
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	67.24	NA	NA
PROB:	1	NA	NA
RMSE:	0.8	NA	NA

MAX_MEAN: 1.04

MAX_MED: 1.04

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Resveratrol

CHID: 31980 CASRN: 501-36-0

SPID(S): Tox21_201374

M4ID: 11454438

HILL MODEL (in red):

	tp	ga	gw
val:	109	-1.74	2.05
sd:	1.42	0.0305	0.315

GAIN-LOSS MODEL (in blue):

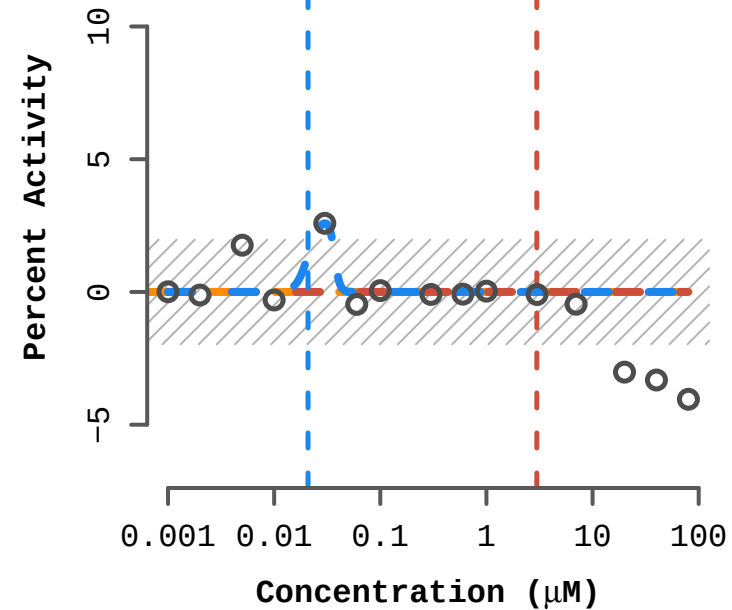
	tp	ga	gw	la	lw
val:	109	-1.74	2.05	3.9	17.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	180.9	112.53	116.53
PROB:	0	0.88	0.12
RMSE:	86.1	17.48	17.48

MAX_MEAN: 119

MAX_MED: 119

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Flutamide

CHID: 32004 CASRN: 13311-84-7

SPID(S): Tox21_202169

M4ID: 11453643

HILL MODEL (in red):

	tp	ga	gw
val:	6.83e-12	0.475	0.396
sd:	1.81e-06	550000	141000

GAIN-LOSS MODEL (in blue):

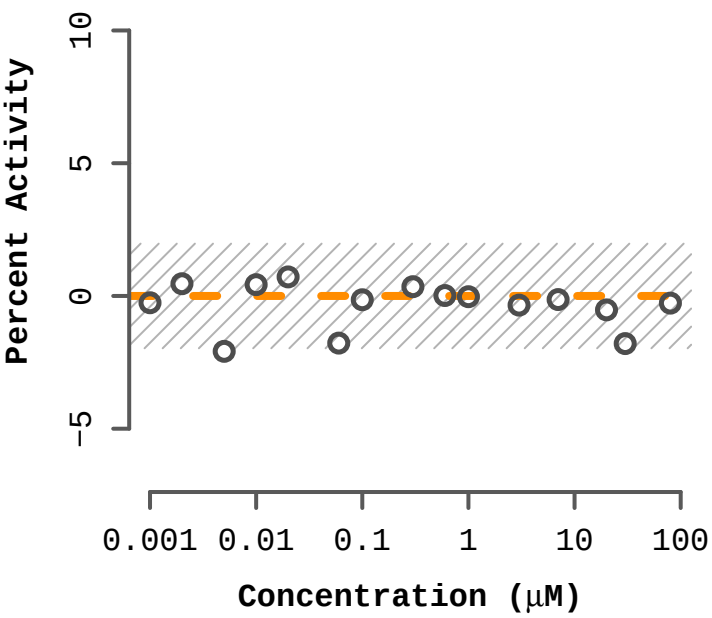
	tp	ga	gw	la	lw
val:	2.79	-1.68	8	-1.43	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	60.19	66.19	65.56
PROB:	0.89	0.04	0.06
RMSE:	1.77	1.77	1.64

MAX_MEAN: 2.59

MAX_MED: 2.59

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tebuconazole

CHID: 32113 CASRN: 107534-96-3

SPID(S): Tox21_202331

M4ID: 11453481

HILL MODEL: Not applicable.

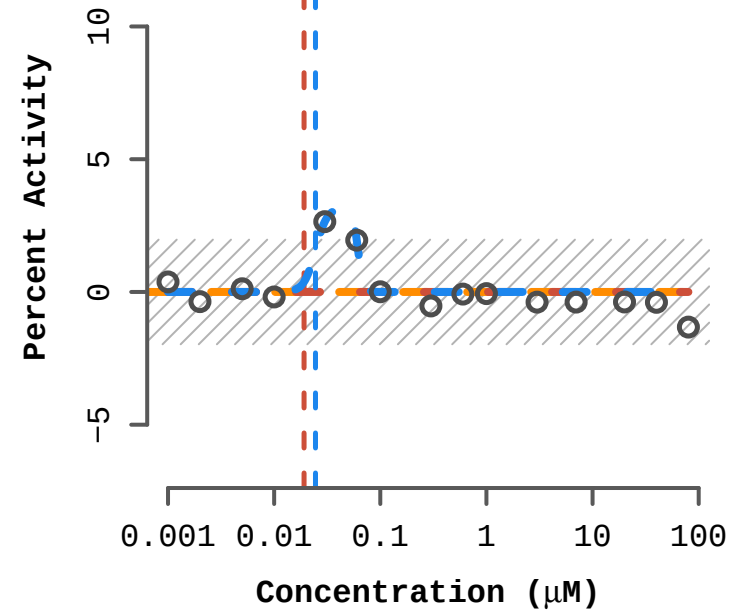
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	39.8	NA	NA
PROB:	1	NA	NA
RMSE:	0.91	NA	NA

MAX_MEAN: 0.719

MAX_MED: 0.719

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bendiocarb

CHID: 32327 CASRN: 22781-23-3

SPID(S): Tox21_201562

M4ID: 11454250

HILL MODEL (in red):

	tp	ga	gw
val:	2.67e-11	-1.72	2.45
sd:	4.86e-06	71700	421000

GAIN-LOSS MODEL (in blue):

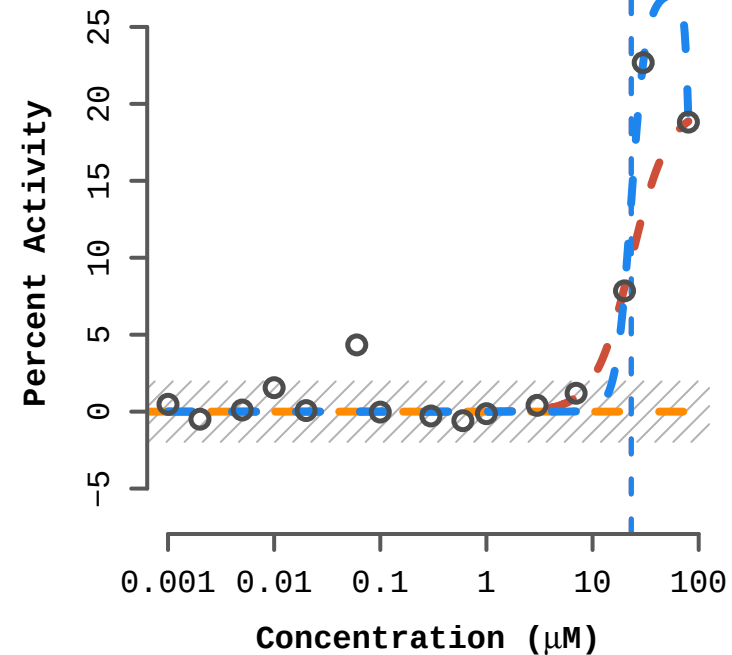
	tp	ga	gw	la	lw
val:	3.18	-1.61	8	-1.21	16.9
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	39.28	45.28	27.83
PROB:	0	0	1
RMSE:	0.96	0.96	0.44

MAX_MEAN: 2.65

MAX_MED: 2.65

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fenarimol

CHID: 32390 CASRN: 60168-88-9

SPID(S): Tox21_201631

M4ID: 11454181

HILL MODEL (in red):

	tp	ga	gw
val:	19.7	1.36	2.5
sd:	1.42	0.0563	0.977

GAIN-LOSS MODEL (in blue):

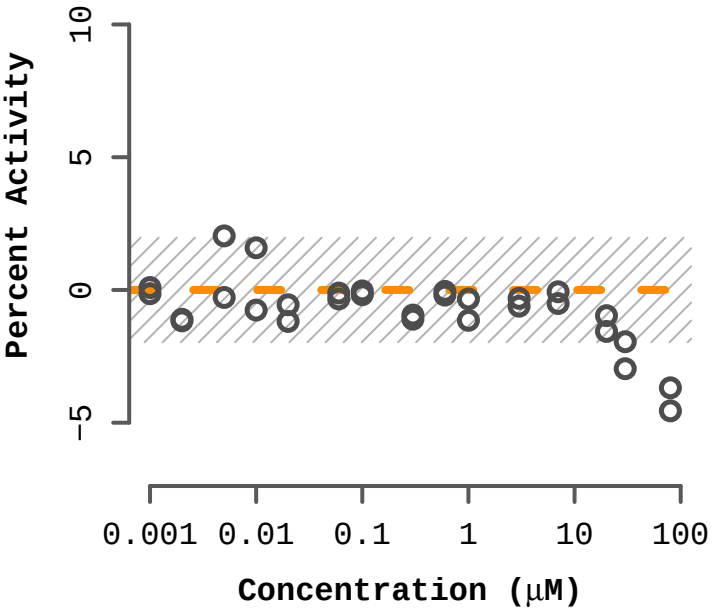
	tp	ga	gw	la	lw
val:	27.2	1.36	6.19	1.92	17.9
sd:	0.879	0.00802	0.463	0.00521	2.92

	CNST	HILL	GNLS
AIC:	97.69	64.79	50.97
PROB:	0	0	1
RMSE:	7.97	2.8	1.26

MAX_MEAN: 22.7

MAX_MED: 22.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Mesotrione

CHID: 32424 CASRN: 104206-82-8

SPID(S): Tox21_400050

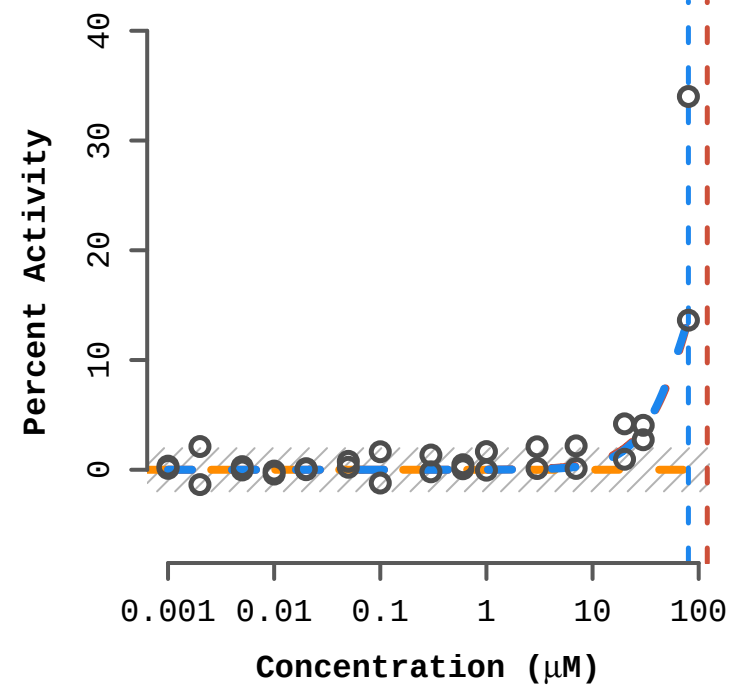
M4ID: 11453298

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	106.4	NA	NA
PROB:	1	NA	NA
RMSE:	1.49	NA	NA

MAX_MEAN: 0.879	MAX_MED: 0.879	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triadimenol

CHID: 32493 CASRN: 55219-65-3

SPID(S): Tox21_400077

M4ID: 11453271

HILL MODEL (in red):

	tp	ga	gw
val:	40.8	2.08	1.66
sd:	8.24	0.0818	0.209

GAIN-LOSS MODEL (in blue):

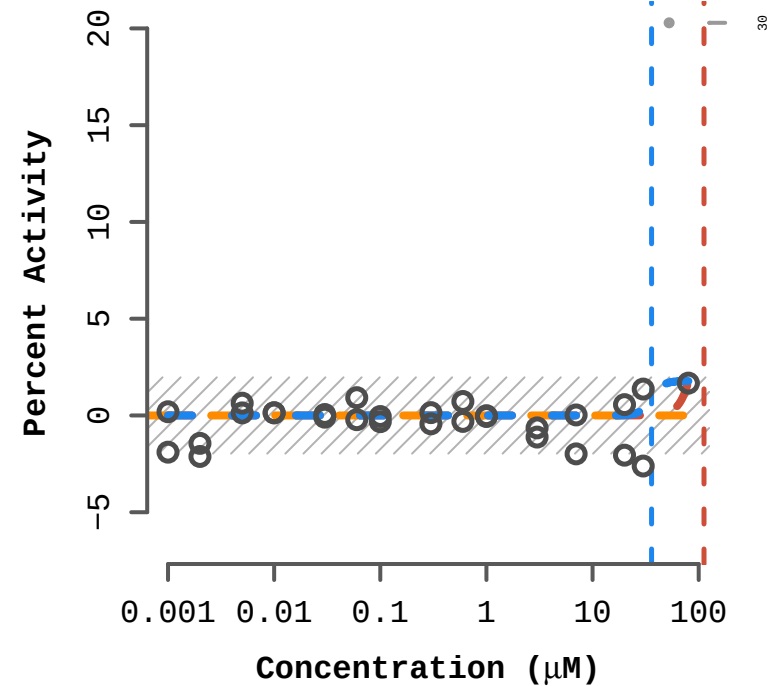
	tp	ga	gw	la	lw
val:	27.5	1.9	1.91	3.87	3.76
sd:	9.68	0.161	0.395	1670	3220

	CNST	HILL	GNLS
AIC:	151.07	118.5	122.88
PROB:	0	0.9	0.1
RMSE:	6.86	3.84	3.84

MAX_MEAN: 23.8

MAX_MED: 23.8

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triclopyr

CHID: 32497 CASRN: 55335-06-3

SPID(S): Tox21_400073

M4ID: 11453275 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	14.2	2.05	5.74
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

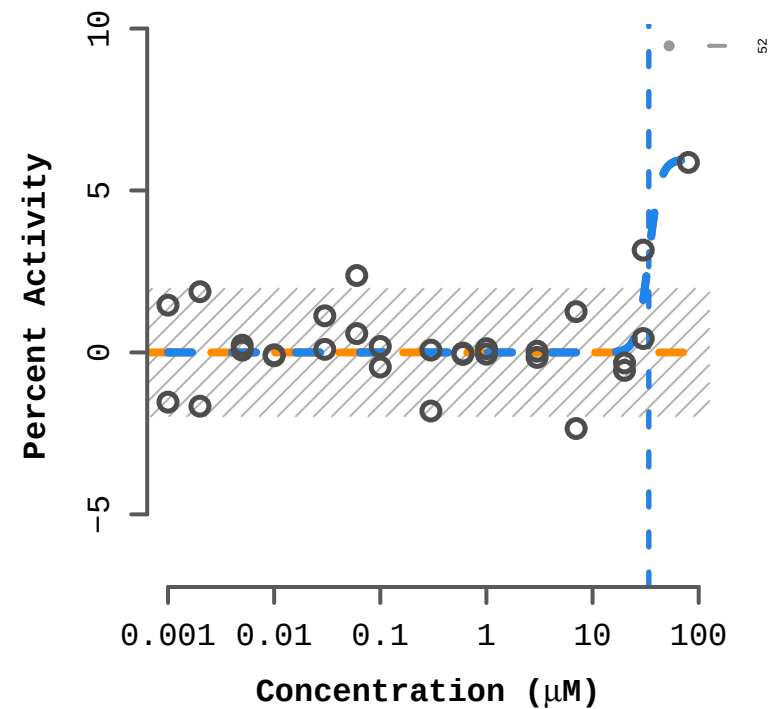
	tp	ga	gw	la	lw
val:	1.79	1.56	8	3.9	1.29
sd:	8.16	0.672	31.5	149	636

	CNST	HILL	GNLS
AIC:	118.3	120.57	124.54
PROB:	0.73	0.24	0.03
RMSE:	5.52	5.2	5.2

MAX_MEAN: 15.7

MAX_MED: 15.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triclosan

CHID: 32498 CASRN: 3380-34-5

SPID(S): Tox21_400079

M4ID: 11453269 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	5.96	1.53	8
sd:	0.85	0.0951	7.63

GAIN-LOSS MODEL (in blue):

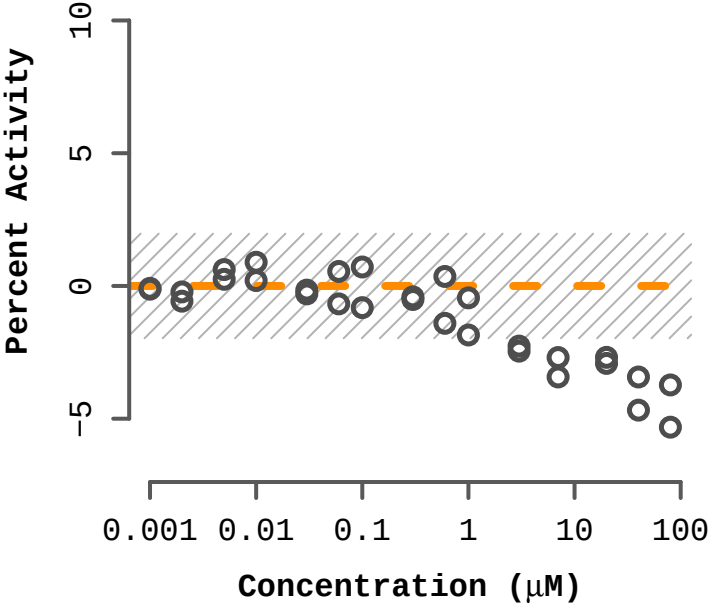
	tp	ga	gw	la	lw
val:	5.96	1.53	8	3.88	16.8
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	137.25	128.6	132.6
PROB:	0.01	0.87	0.12
RMSE:	9.67	8.53	8.53

MAX_MEAN: 29.1

MAX_MED: 29.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Azoxystrobin

CHID: 32520 **CASRN:** 131860-33-8

SPID(S): Tox21_400087

M4ID: 11453261

HILL MODEL: Not applicable.

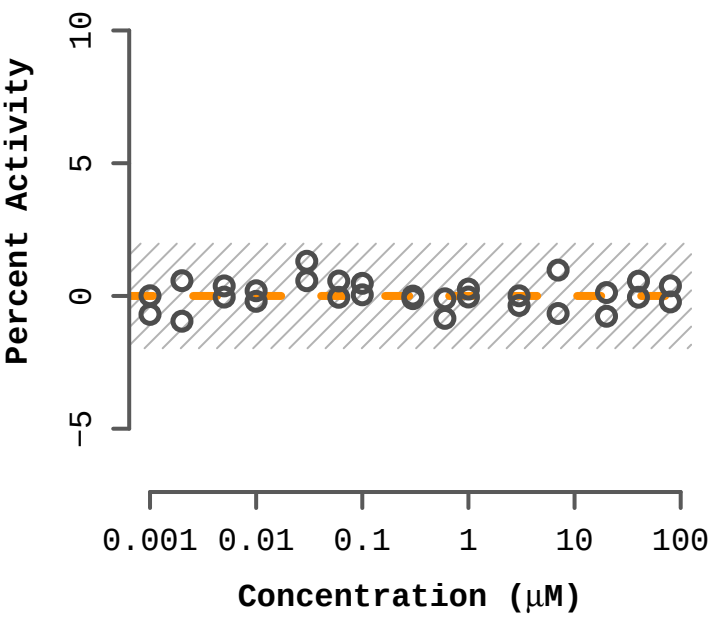
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	130.47	NA	NA
PROB:	1	NA	NA
RMSE:	2.09	NA	NA

MAX_MEAN: 0.55

MAX_MED: 0.55

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Ethoprop

CHID: 32611 CASRN: 13194-48-4

SPID(S): Tox21_400082

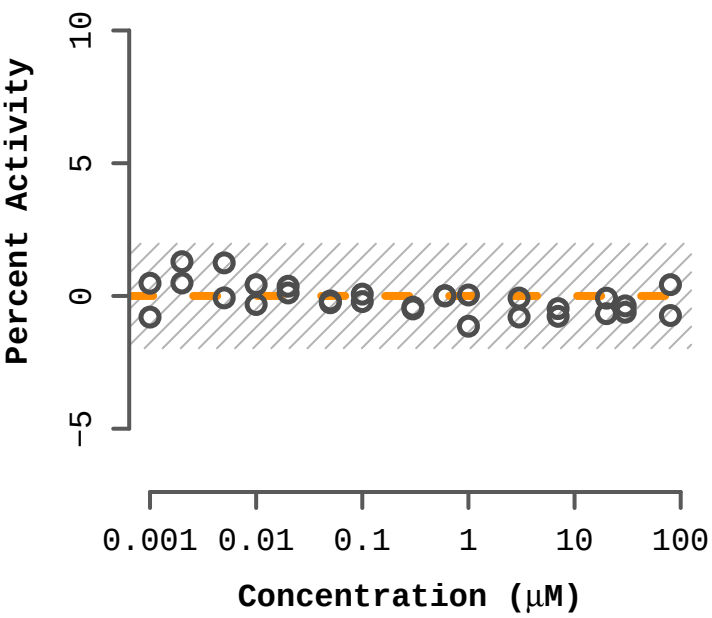
M4ID: 11453266

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.15	NA	NA
PROB:	1	NA	NA
RMSE:	0.52	NA	NA

MAX_MEAN: 0.941	MAX_MED: 0.941	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Triticonazole

CHID: 32655 CASRN: 131983-72-7

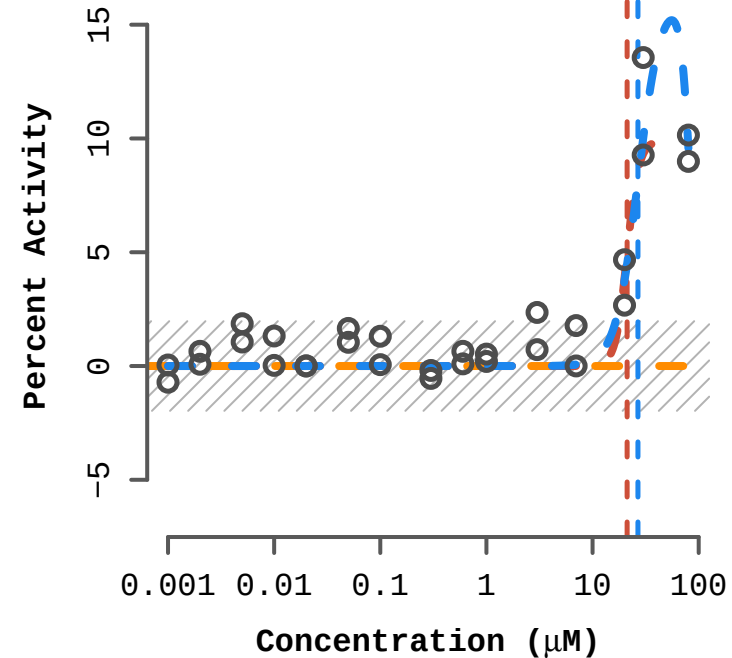
SPID(S): Tox21_400047

M4ID: 11453301

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS	
AIC:	55.02	NA	NA	
PROB:	1	NA	NA	
RMSE:	0.57	NA	NA	
MAX_MEAN:	0.891	MAX_MED:	0.891	
			BMAD:	0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 1,3-Diiminobenz(f)isoindoline

CHID: 32751 CASRN: 65558-69-2

SPID(S): Tox21_400043

M4ID: 11453305

HILL MODEL (in red):

	tp	ga	gw
val:	9.89	1.33	8
sd:	0.567	0.0207	2.94

GAIN-LOSS MODEL (in blue):

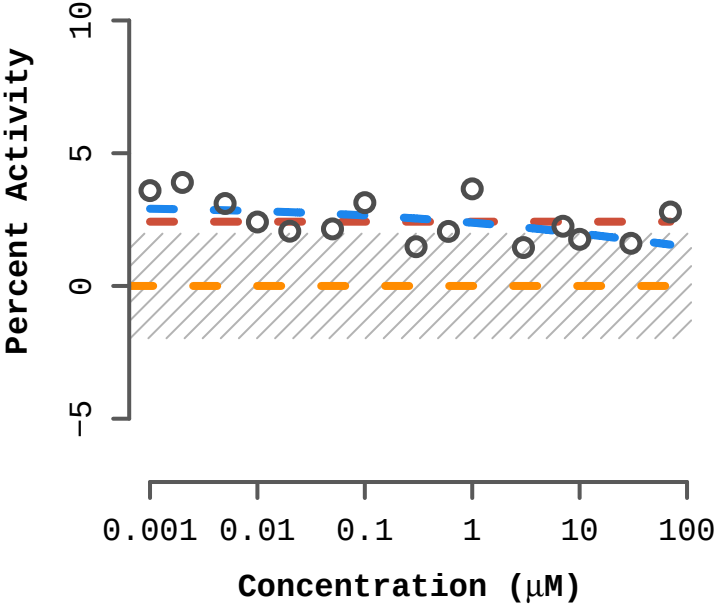
	tp	ga	gw	la	lw
val:	16.3	1.43	4.11	1.92	9.68
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	155.92	99.66	102.57
PROB:	0	0.81	0.19
RMSE:	4.11	1.21	1.14

MAX_MEAN: 11.4

MAX_MED: 11.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Amino-1,2,4-triazole

CHID: 33058 CASRN: 584-13-4

SPID(S): Tox21_201893

M4ID: 11453919

HILL MODEL (in red):

	tp	ga	gw
val:	2.42	-4.97	4
sd:	0.229	1350	2710

GAIN-LOSS MODEL (in blue):

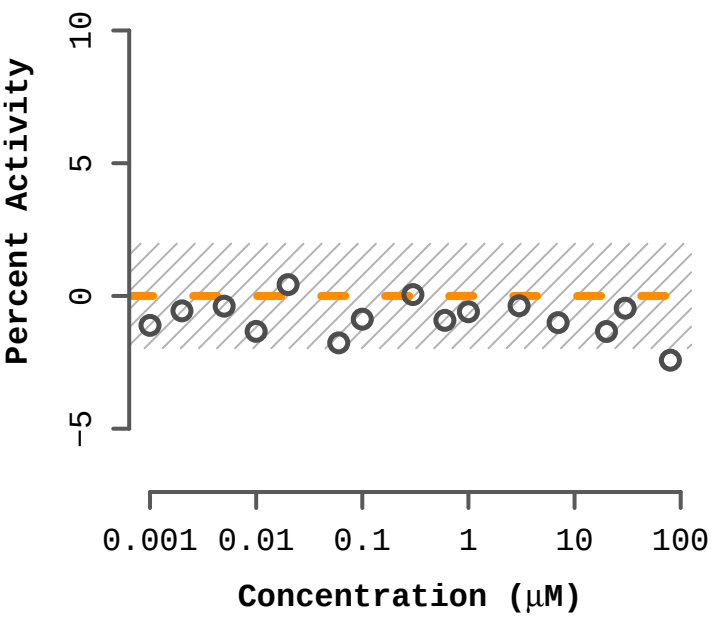
	tp	ga	gw	la	lw
val:	3	-5	3.84	1.95	0.3
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	76.44	45.78	46.95
PROB:	0	0.64	0.36
RMSE:	2.62	0.8	0.73

MAX_MEAN: 3.9

MAX_MED: 3.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Aldicarb sulfoxide

CHID: 33161 CASRN: 1646-87-3

SPID(S): Tox21_201744

M4ID: 11454068

HILL MODEL: Not applicable.

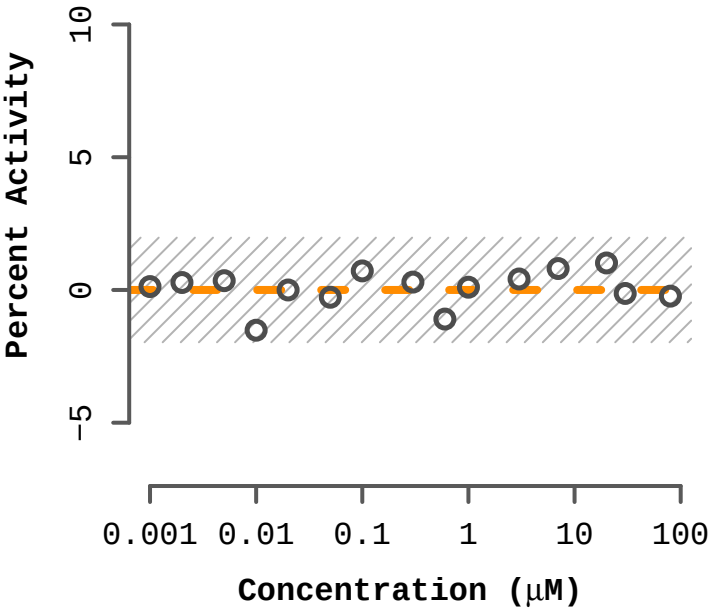
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	48.32	NA	NA
PROB:	1	NA	NA
RMSE:	1.09	NA	NA

MAX_MEAN: 0.43

MAX_MED: 0.43

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Amitriptyline hydrochloride

CHID: 33187 CASRN: 549-18-8

SPID(S): Tox21_201278

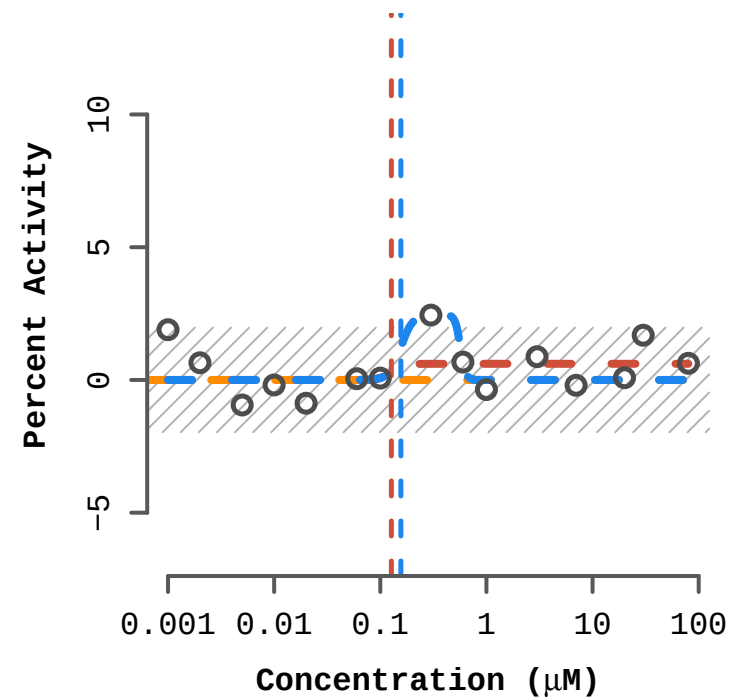
M4ID: 11454534

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	31.71	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA

MAX_MEAN: 1.02	MAX_MED: 1.02	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Benzylacetone

CHID: 33241 CASRN: 2550-26-7

SPID(S): Tox21_201240

M4ID: 11454572

HILL MODEL (in red):

	tp	ga	gw
val:	0.608	-0.896	8
sd:	0.315	0.542	30.2

GAIN-LOSS MODEL (in blue):

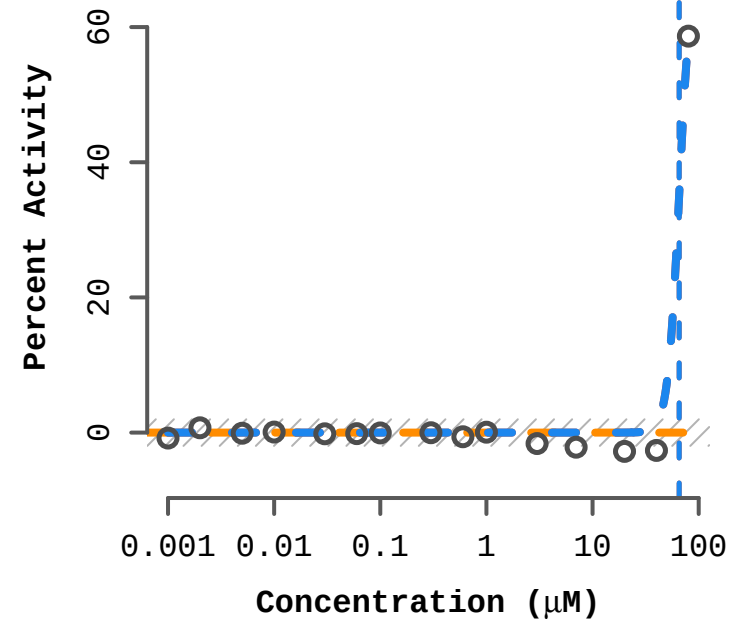
	tp	ga	gw	la	lw
val:	2.46	-0.806	7.85	-0.245	18
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	45.69	48.04	47.69
PROB:	0.6	0.18	0.22
RMSE:	1.04	0.9	0.81

MAX_MEAN: 2.44

MAX_MED: 2.44

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cetylpyridinium bromide

CHID: 33307 CASRN: 140-72-7

SPID(S): Tox21_201549

M4ID: 11454263

HILL MODEL (in red):

	tp	ga	gw
val:	70.4	1.82	8
sd:	2.72	0.00797	1.04

GAIN-LOSS MODEL (in blue):

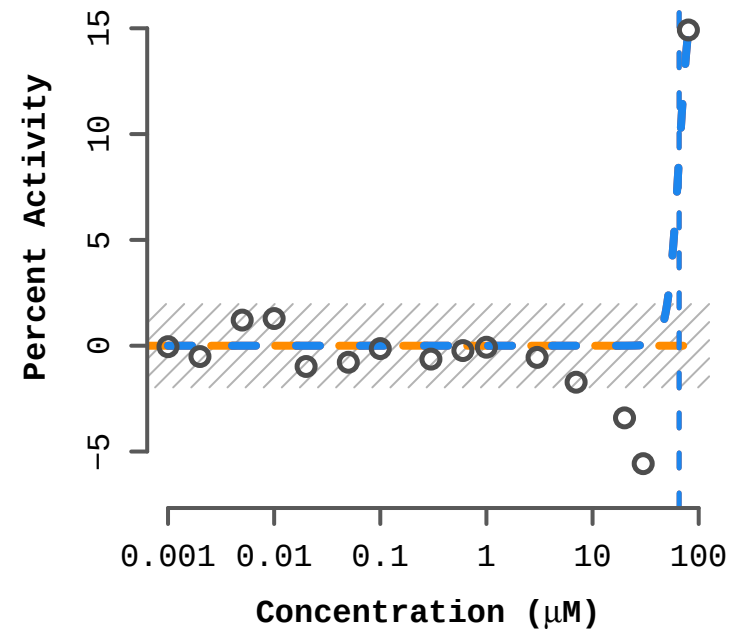
	tp	ga	gw	la	lw
val:	70.4	1.82	8	3.66	5.17
sd:	2.72	0.00797	1.04	3450	10100

	CNST	HILL	GNLS
AIC:	83.2	58.94	62.94
PROB:	0	0.88	0.12
RMSE:	15.2	1.47	1.47

MAX_MEAN: 58.7

MAX_MED: 58.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Chlorhexidine

CHID: 33314 CASRN: 55-56-1

SPID(S): Tox21_201404

M4ID: 11454408

HILL MODEL (in red):

	tp	ga	gw
val:	17.9	1.82	8
sd:	7.07	0.0728	7.54

GAIN-LOSS MODEL (in blue):

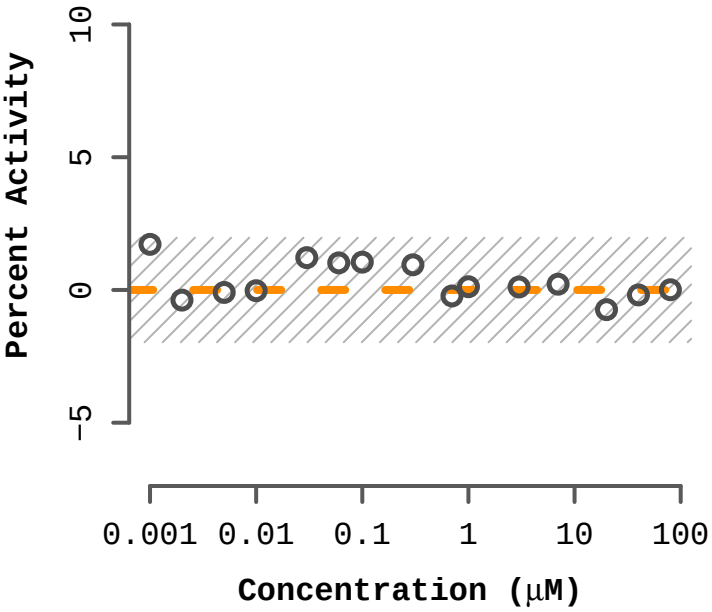
	tp	ga	gw	la	lw
val:	17.9	1.82	8	3.82	5.48
sd:	7.07	0.0728	7.54	108000	309000

	CNST	HILL	GNLS
AIC:	75.83	64.19	68.19
PROB:	0	0.88	0.12
RMSE:	4.27	1.86	1.86

MAX_MEAN: 14.9

MAX_MED: 14.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fluorosulfonic acid

CHID: 33511 CASRN: 7789-21-1

SPID(S): Tox21_202147

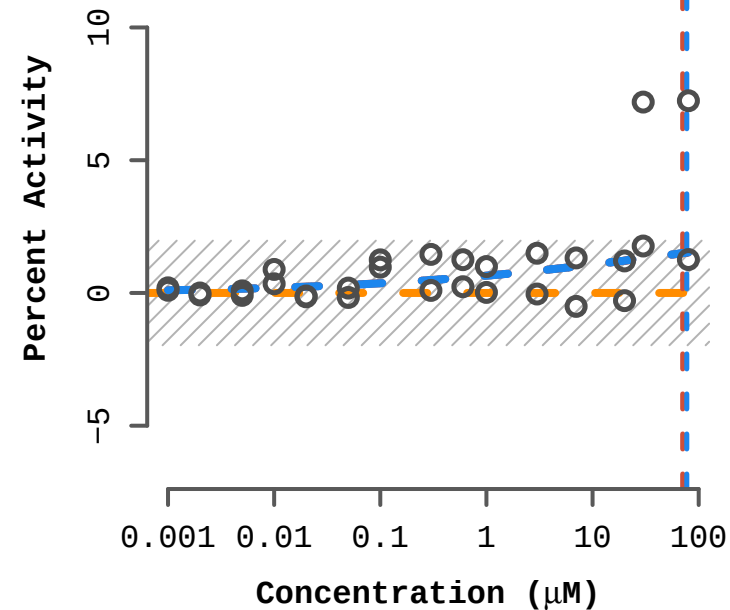
M4ID: 11453665

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	35.87	NA	NA
PROB:	1	NA	NA
RMSE:	0.75	NA	NA

MAX_MEAN: 1.72	MAX_MED: 1.72	BMAD: 0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Indium trichloride

CHID: 33566 CASRN: 10025-82-8

SPID(S): Tox21_400067

M4ID: 11453281

HILL MODEL (in red):

	tp	ga	gw
val:	2.99	1.85	0.3
sd:	11.2	9.87	0.387

GAIN-LOSS MODEL (in blue):

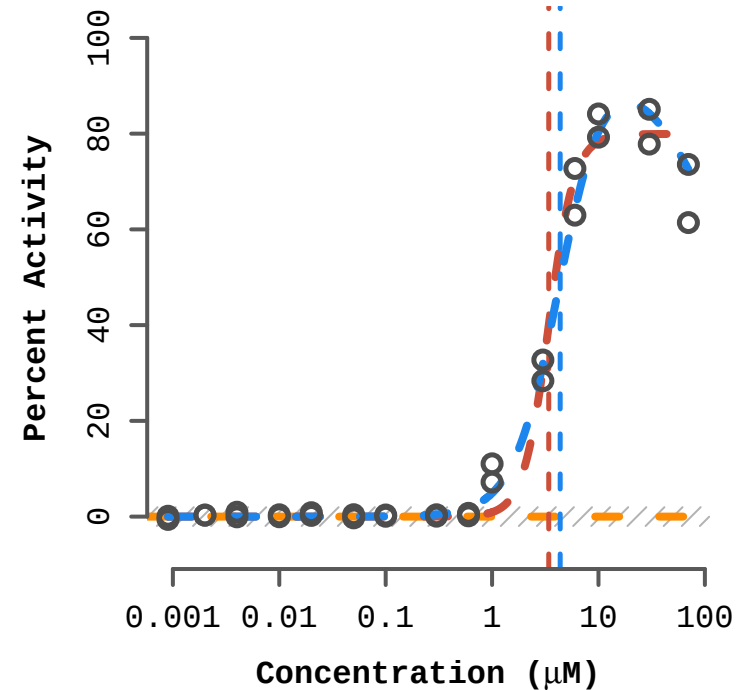
	tp	ga	gw	la	lw
val:	3.04	1.89	0.3	2.37	14
sd:	15.3	13.2	0.504	740	22100

	CNST	HILL	GNLS
AIC:	106.02	95.55	99.55
PROB:	0	0.88	0.12
RMSE:	2.02	1.61	1.61

MAX_MEAN: 4.48

MAX_MED: 4.48

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 17-Methyltestosterone

CHID: 33664 CASRN: 58-18-4

SPID(S): Tox21_400058

M4ID: 11453290

HILL MODEL (in red):

	tp	ga	gw
val:	79.9	0.533	3.64
sd:	2.36	0.0168	0.684

GAIN-LOSS MODEL (in blue):

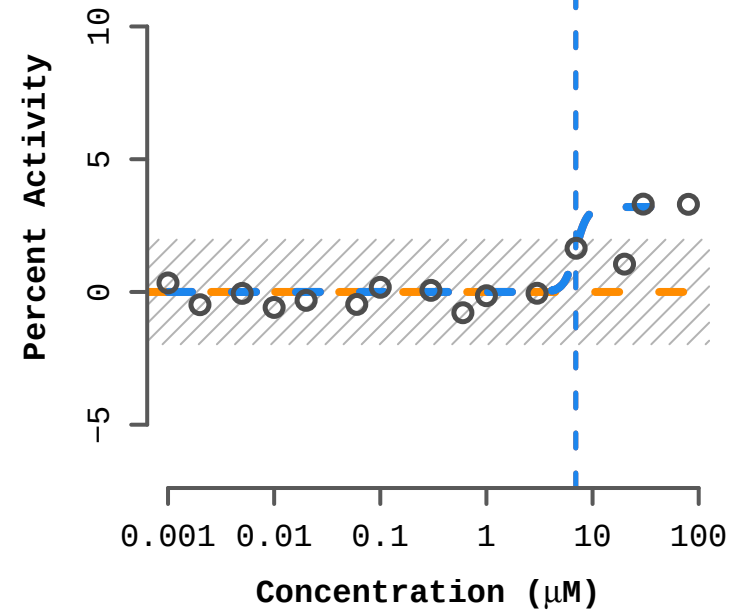
	tp	ga	gw	la	lw
val:	102	0.64	2.02	2.29	0.897
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	337.19	170.78	153.91
PROB:	0	0	1
RMSE:	39.65	4.72	3.27

MAX_MEAN: 81.7

MAX_MED: 81.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 4-Nonylphenol

CHID: 33836 CASRN: 104-40-5

SPID(S): Tox21_201241

M4ID: 11454571

HILL MODEL (in red):

	tp	ga	gw
val:	3.2	0.842	8
sd:	0.242	0.0701	184

GAIN-LOSS MODEL (in blue):

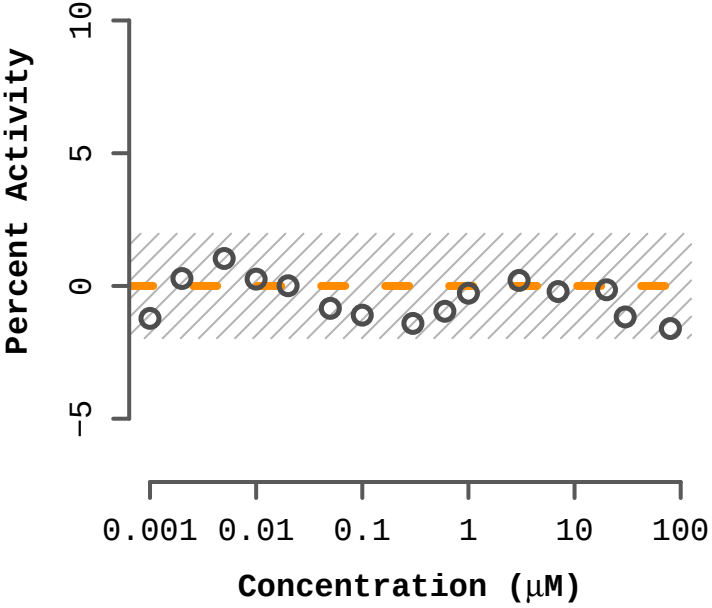
	tp	ga	gw	la	lw
val:	3.2	0.842	8	3.9	4.1
sd:	0.242	0.07	184	2290	4700

	CNST	HILL	GNLS
AIC:	49.81	30.91	34.91
PROB:	0	0.88	0.12
RMSE:	1.35	0.65	0.65

MAX_MEAN: 3.31

MAX_MED: 3.31

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Procymidone

CHID: 33923 **CASRN:** 32809-16-8

SPID(S): Tox21_201913

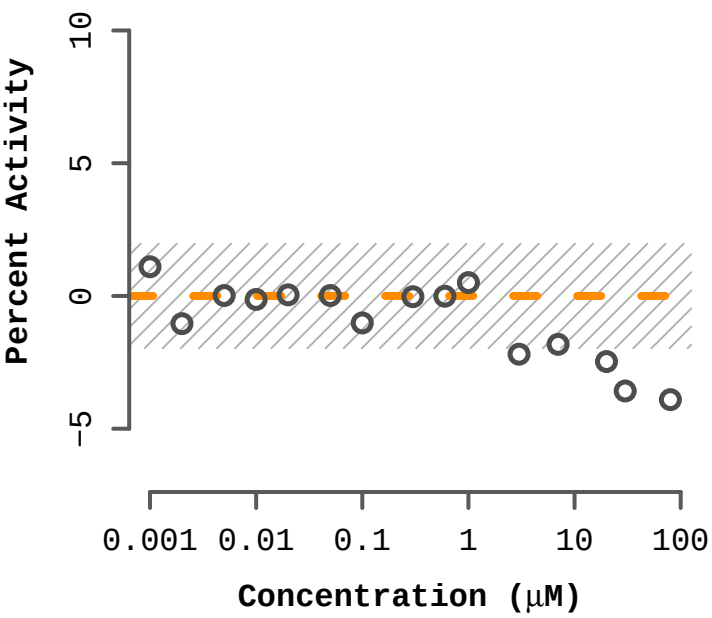
M4ID: 11453899

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	42.53	NA	NA
PROB:	1	NA	NA
RMSE:	0.88	NA	NA

MAX_MEAN:	1.04	MAX_MED:	1.04	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sodium zomepirac

CHID: 33989 CASRN: 64092-48-4

SPID(S): Tox21_202177

M4ID: 11453635

HILL MODEL: Not applicable.

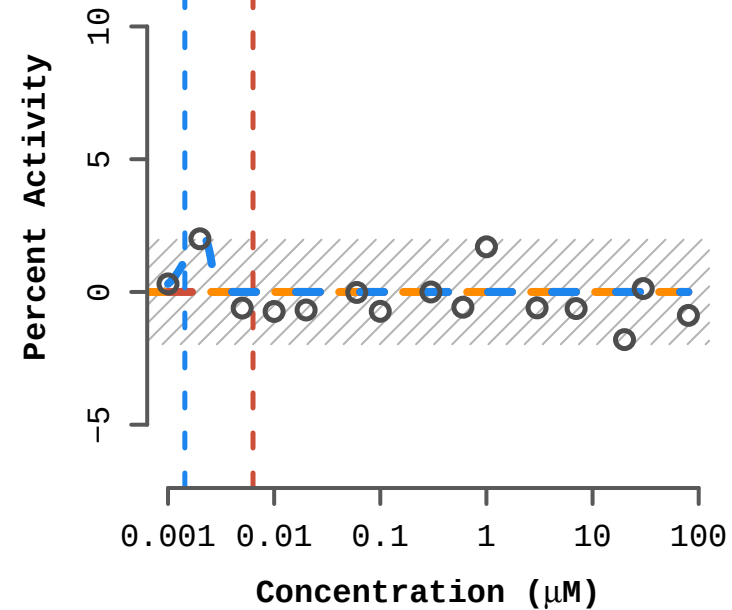
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	60.88	NA	NA
PROB:	1	NA	NA
RMSE:	1.75	NA	NA

MAX_MEAN: 1.1

MAX_MED: 1.1

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sulfamic acid

CHID: 34005 CASRN: 5329-14-6

SPID(S): Tox21_201905

M4ID: 11453907

HILL MODEL (in red):

	tp	ga	gw
val:	1.38e-11	-2.2	1.76
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

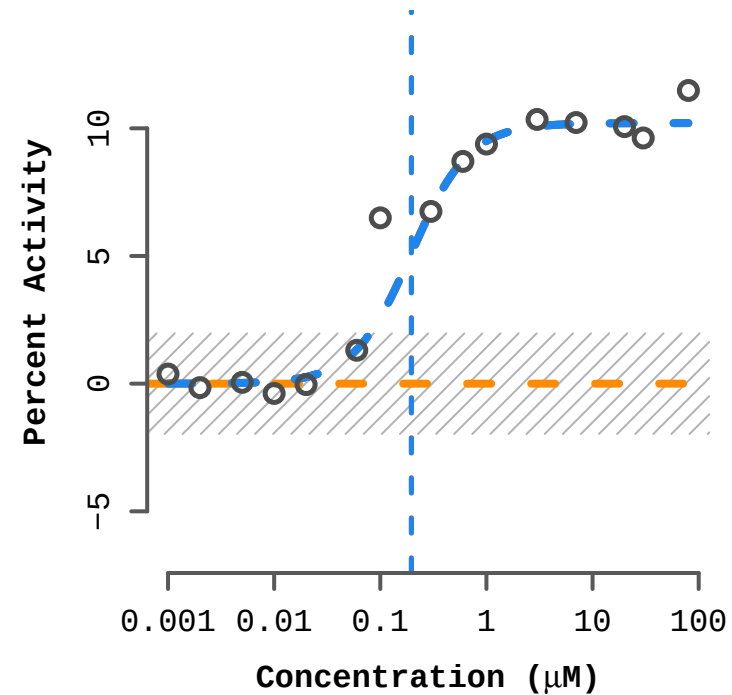
	tp	ga	gw	la	lw
val:	2.39	-2.84	5.26	-2.59	17.8
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	44.19	50.19	48.58
PROB:	0.86	0.04	0.1
RMSE:	0.97	0.97	0.81

MAX_MEAN: 2

MAX_MED: 2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tamoxifen

CHID: 34187 CASRN: 10540-29-1

SPID(S): Tox21_201243

M4ID: 11454569

HILL MODEL (in red):

	tp	ga	gw
val:	10.2	-0.707	1.6
sd:	0.205	0.0372	0.153

GAIN-LOSS MODEL (in blue):

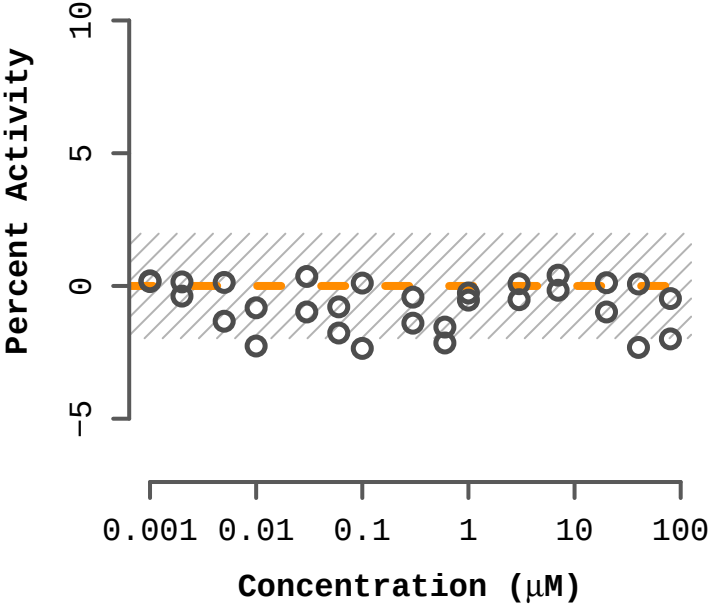
	tp	ga	gw	la	lw
val:	10.2	-0.707	1.6	3.05	7.74
sd:	0.205	0.0372	0.153	885	5980

	CNST	HILL	GNLS
AIC:	106.17	38.48	42.48
PROB:	0	0.88	0.12
RMSE:	7.26	1.09	1.09

MAX_MEAN: 11.5

MAX_MED: 11.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Boscalid

CHID: 34392 CASRN: 188425-85-6

SPID(S): Tox21_400045

M4ID: 11453303

HILL MODEL: Not applicable.

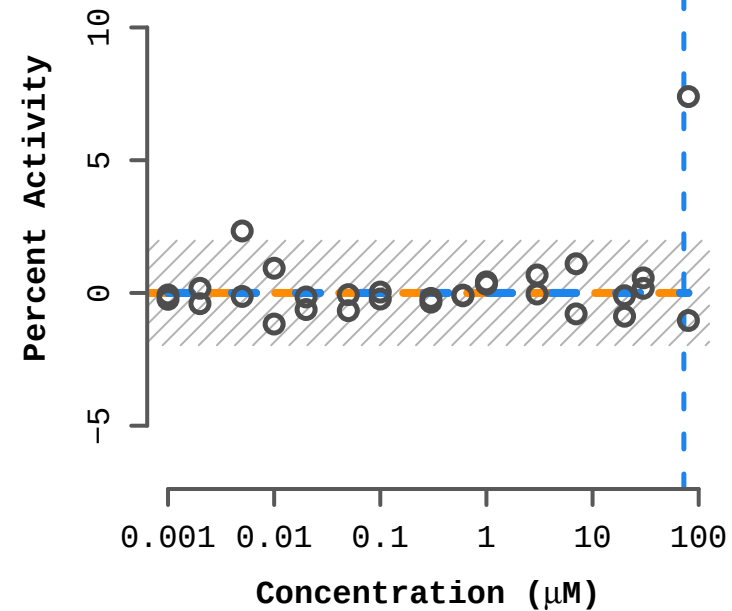
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	95.09	NA	NA
PROB:	1	NA	NA
RMSE:	1.14	NA	NA

MAX_MEAN: 0.181

MAX_MED: 0.181

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Traikoxydim

CHID: 34973 CASRN: 87820-88-0

SPID(S): Tox21_400001

M4ID: 11453347

HILL MODEL (in red):

	tp	ga	gw
val:	1.75e-09	2.3	3.17
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

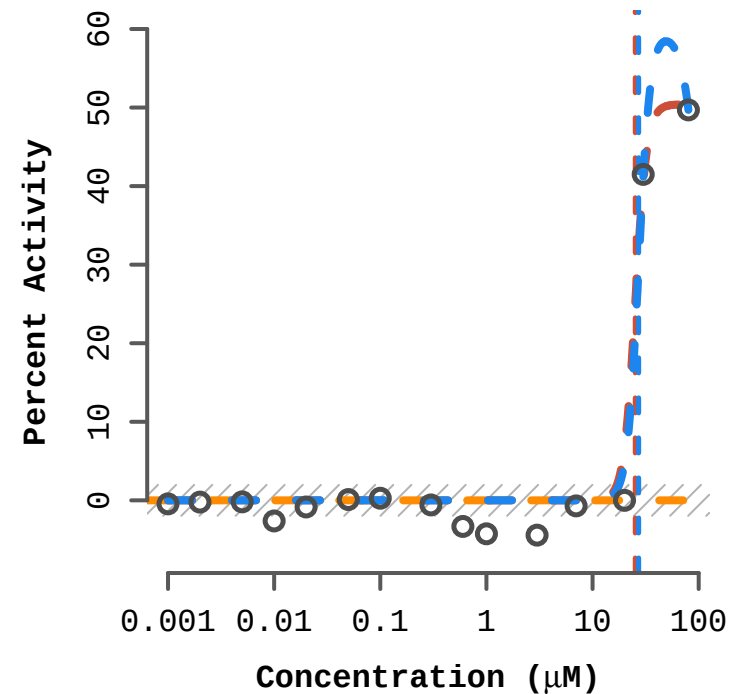
	tp	ga	gw	la	lw
val:	1.53e-09	1.86	0.511	3.87	8.1
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	79.47	85.47	89.47
PROB:	0.95	0.05	0.01
RMSE:	1.51	1.51	1.51

MAX_MEAN: 3.18

MAX_MED: 3.18

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Tributyltetradecylphosphonium chloride

CHID: 34997 CASRN: 81741-28-8

SPID(S): Tox21_202009

M4ID: 11453803

HILL MODEL (in red):

	tp	ga	gw
val:	50.4	1.4	8
sd:	1.7	0.0238	2.82

GAIN-LOSS MODEL (in blue):

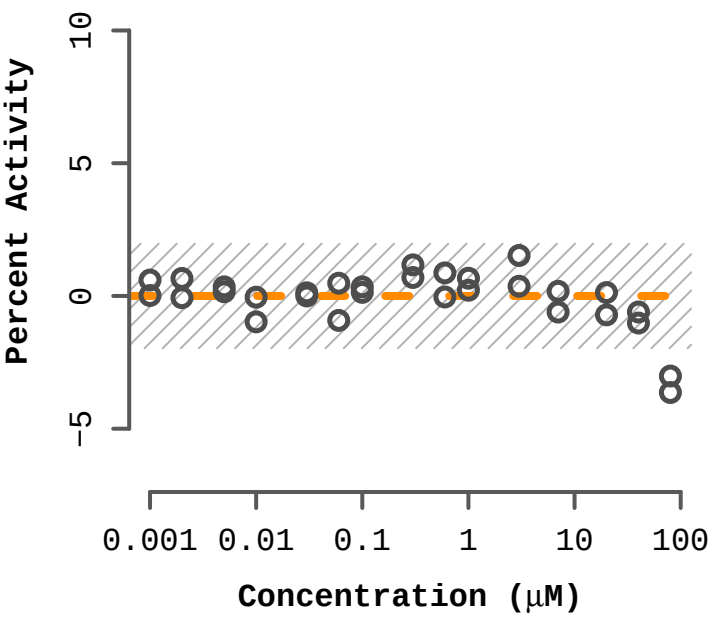
	tp	ga	gw	la	lw
val:	59.6	1.43	8	2.02	5.83
sd:	5.31	0.0103	2.33	0.0213	2.29

	CNST	HILL	GNLS
AIC:	111.69	78.23	78.96
PROB:	0	0.59	0.41
RMSE:	16.83	2.65	2.31

MAX_MEAN: 49.7

MAX_MED: 49.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Allethrin

CHID: 35180 CASRN: 584-79-2

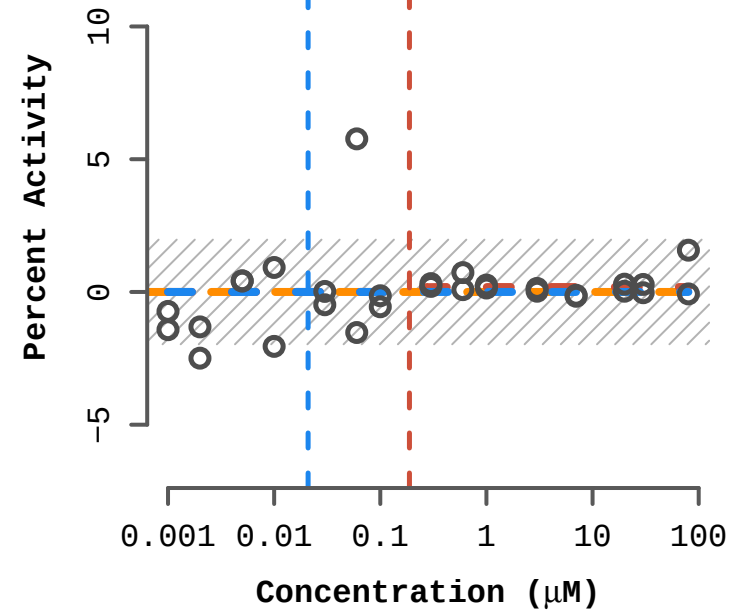
SPID(S): Tox21_400074

M4ID: 11453274

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	80.95	NA	NA
PROB:	1	NA	NA
RMSE:	1.05	NA	NA
MAX_MEAN: 0.946		MAX_MED: 0.946	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Nitrothal-isopropyl

CHID: 37579 CASRN: 10552-74-6

SPID(S): Tox21_400066

M4ID: 11453282

HILL MODEL (in red):

	tp	ga	gw
val:	0.185	-0.725	8
sd:	0.159	0.861	28

GAIN-LOSS MODEL (in blue):

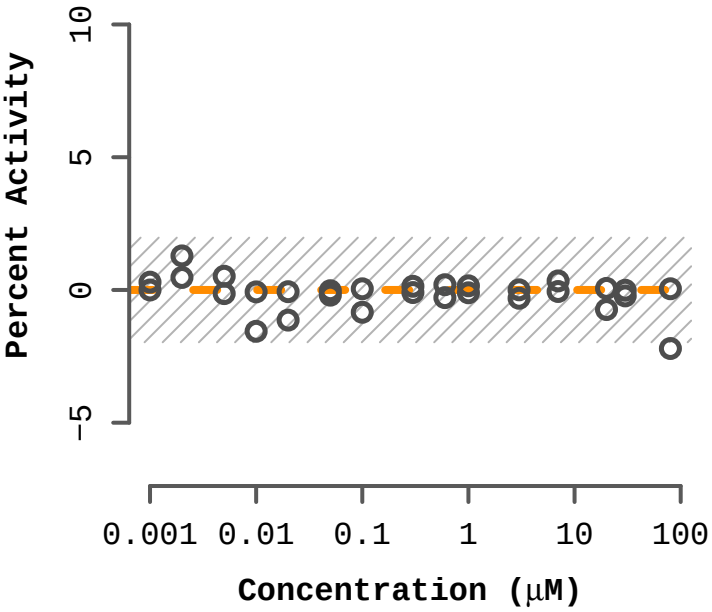
	tp	ga	gw	la	lw
val:	1.44e-09	-1.68	1.07	-1.42	5.67
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	89.04	93.7	99.04
PROB:	0.91	0.09	0.01
RMSE:	1.36	1.35	1.36

MAX_MEAN: 2.12

MAX_MED: 2.12

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

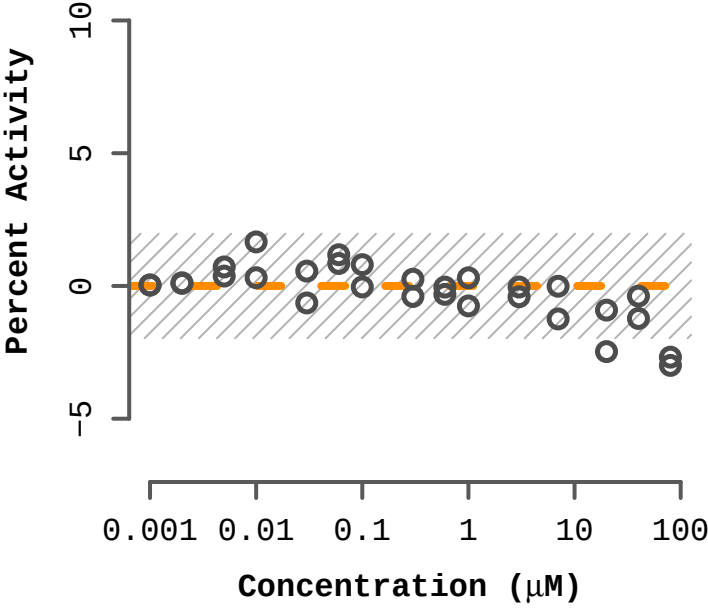
NAME: Pentachloroaniline
CHID: 37584 CASRN: 527-20-8
SPID(S): Tox21_400021
M4ID: 11453327

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	50.61	NA	NA
PROB:	1	NA	NA
RMSE:	0.65	NA	NA

MAX_MEAN: 0.878 MAX_MED: 0.878 BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: PFBS-K

CHID: 37707 CASRN: 29420-49-3

SPID(S): Tox21_400051

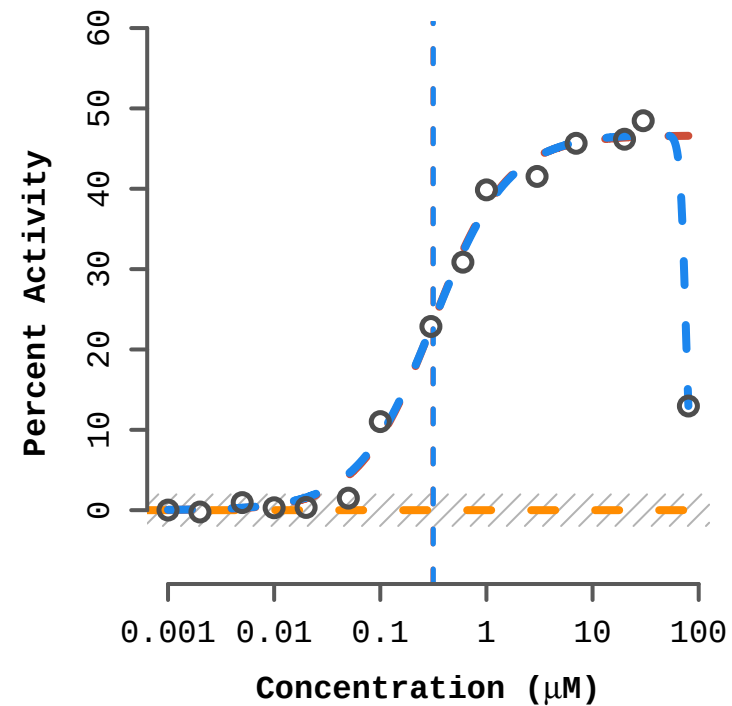
M4ID: 11453297

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	86.86	NA	NA
PROB:	1	NA	NA
RMSE:	1.07	NA	NA

MAX_MEAN:	1.01	MAX_MED:	1.01	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bisphenol AF

CHID: 37717 CASRN: 1478-61-1

SPID(S): Tox21_201467

M4ID: 11454345

HILL MODEL (in red):

	tp	ga	gw
val:	46.6	-0.504	1.25
sd:	1.07	0.0389	0.154

GAIN-LOSS MODEL (in blue):

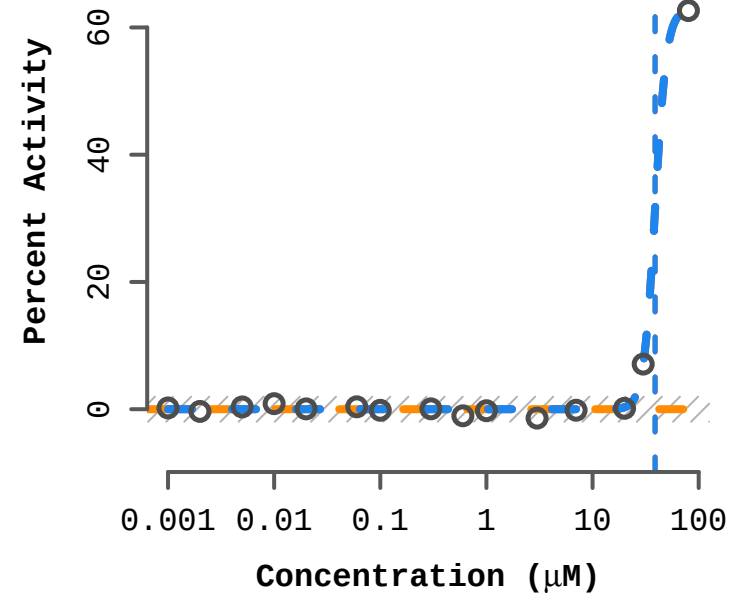
	tp	ga	gw	la	lw
val:	46.8	-0.5	1.21	1.88	16.3
sd:	0.865	0.0313	0.154	0.0059	1.94

	CNST	HILL	GNLS
AIC:	145.55	87.14	65.87
PROB:	0	0	1
RMSE:	27.87	8.8	1.43

MAX_MEAN: 48.5

MAX_MED: 48.5

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3,4-Trihydroxybenzophenone

CHID: 37728 CASRN: 1143-72-2

SPID(S): Tox21_201936

M4ID: 11453876

HILL MODEL (in red):

	tp	ga	gw
val:	62.9	1.59	8
sd:	0.363	0.0051	0.198

GAIN-LOSS MODEL (in blue):

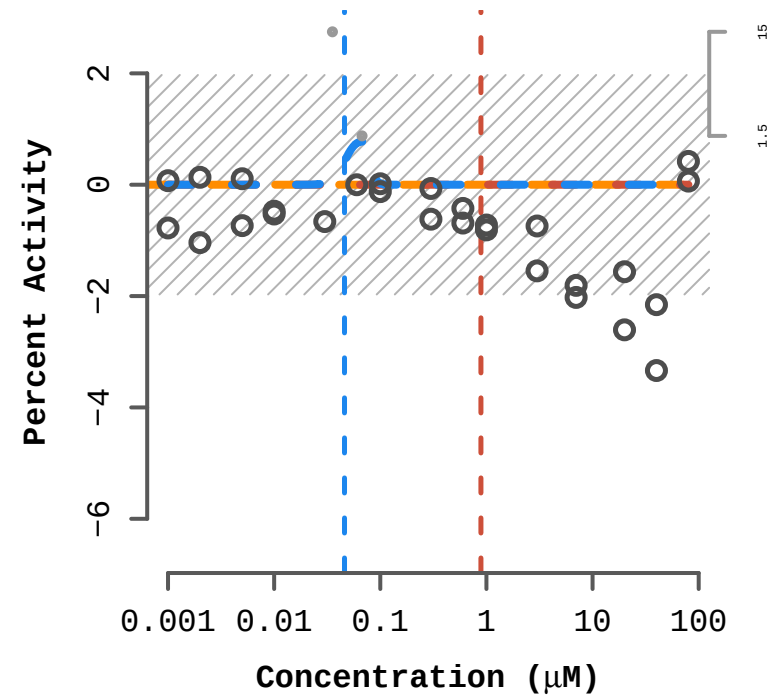
	tp	ga	gw	la	lw
val:	62.9	1.59	8	2.19	12.8
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	83.47	29.76	33.76
PROB:	0	0.88	0.12
RMSE:	16.29	0.54	0.54

MAX_MEAN: 62.7

MAX_MED: 62.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Diphenyl isophthalate

CHID: 37752 CASRN: 744-45-6

SPID(S): Tox21_400023

M4ID: 11453325 BRK

HILL MODEL (in red):

	tp	ga	gw
val:	8.37e-11	-0.0518	0.696
sd:	6.92e-06	6660	10600

GAIN-LOSS MODEL (in blue):

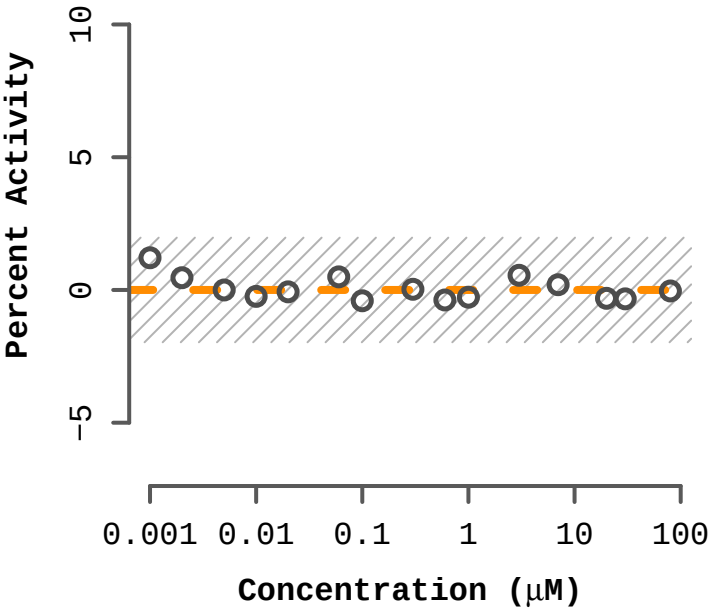
	tp	ga	gw	la	lw
val:	0.835	-1.34	8	-1.09	18
sd:	1.86	0.706	26.6	0.533	108

	CNST	HILL	GNLS
AIC:	116.89	122.89	126.04
PROB:	0.94	0.05	0.01
RMSE:	2.92	2.92	2.91

MAX_MEAN: 6.96

MAX_MED: 6.96

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Aldicarb

CHID: 39223 **CASRN:** 116-06-3

SPID(S): Tox21_202227

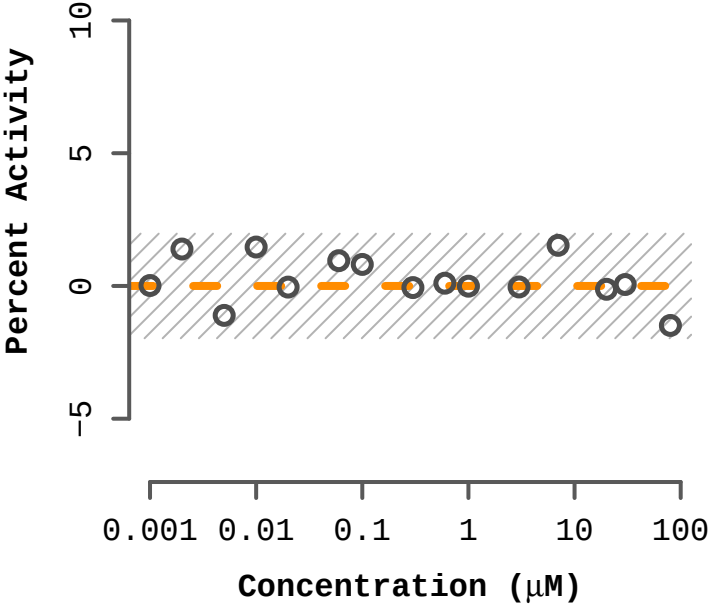
M4ID: 11453585

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	19.52	NA	NA
PROB:	1	NA	NA
RMSE:	0.44	NA	NA

MAX_MEAN:	1.21	MAX_MED:	1.21	BMAD:	0.657
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ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Allyl isovalerate

CHID: 39233 **CASRN:** 2835-39-4

SPID(S): Tox21_201307

M4ID: 11454505

HILL MODEL: Not applicable.

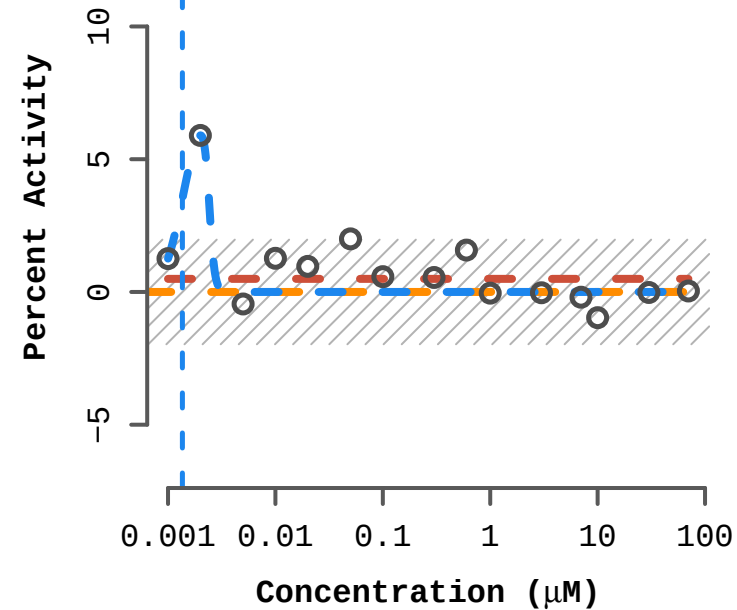
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	41.44	NA	NA
PROB:	1	NA	NA
RMSE:	0.87	NA	NA

MAX_MEAN: 1.53

MAX_MED: 1.53

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,6-Diaminopyridine

CHID: 40127 CASRN: 141-86-6

SPID(S): Tox21_201654

M4ID: 11454158

HILL MODEL (in red):

	tp	ga	gw
val:	0.493	-5	3.61
sd:	0.274	1960	3510

GAIN-LOSS MODEL (in blue):

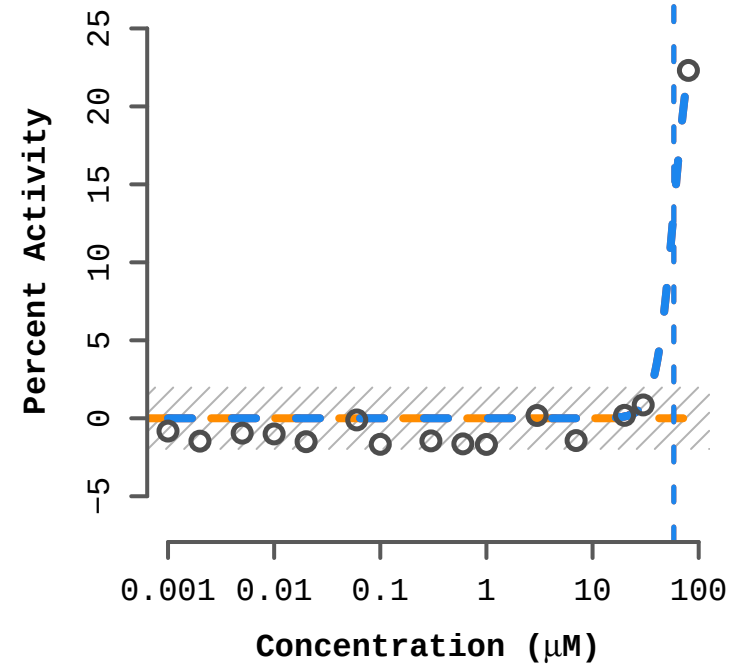
	tp	ga	gw	la	lw
val:	7.02	-2.87	4.94	-2.62	17.5
sd:	5.66	0.277	7.1	0.0028	10.3

	CNST	HILL	GNLS
AIC:	55.18	57.98	49.25
PROB:	0.05	0.01	0.94
RMSE:	1.77	1.6	0.85

MAX_MEAN: 5.9

MAX_MED: 5.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sucralose

CHID: 40245 CASRN: 56038-13-2

SPID(S): Tox21_201752

M4ID: 11454060

HILL MODEL (in red):

	tp	ga	gw
val:	26.8	1.77	5.1
sd:	9.43	0.124	2.52

GAIN-LOSS MODEL (in blue):

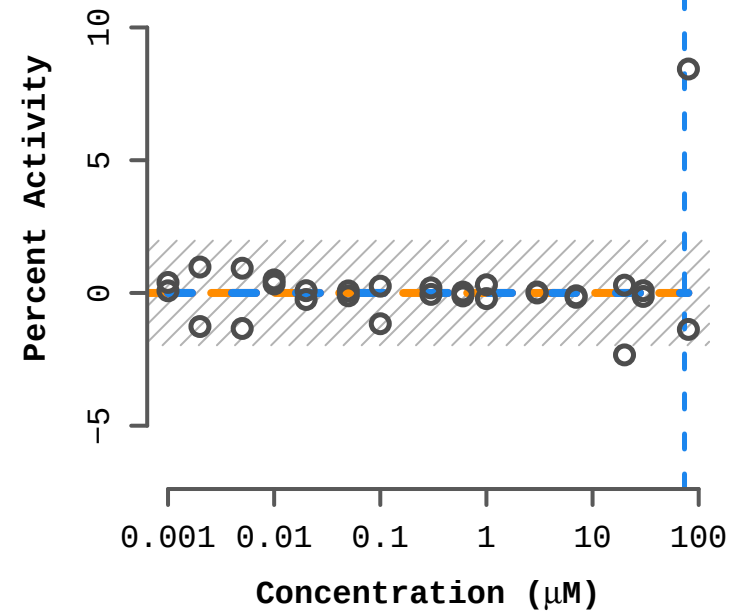
	tp	ga	gw	la	lw
val:	26.7	1.77	5.11	3.6	2.21
sd:	12.3	0.143	2.72	254	335

	CNST	HILL	GNLS
AIC:	73.74	56.79	60.79
PROB:	0	0.88	0.12
RMSE:	5.88	1.14	1.14

MAX_MEAN: 22.3

MAX_MED: 22.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Fenaminosulf

CHID: 40371 CASRN: 140-56-7

SPID(S): Tox21_400002

M4ID: 11453346

HILL MODEL (in red):

	tp	ga	gw
val:	1.04e-08	2.31	2.77
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

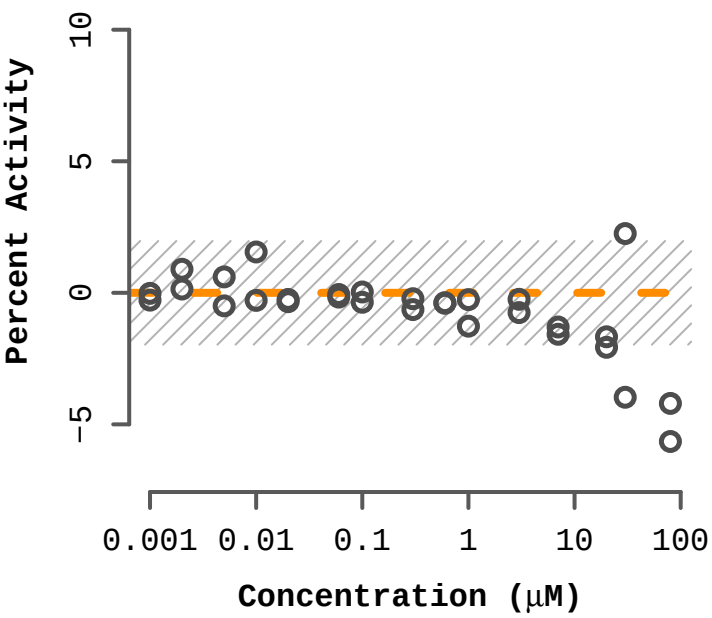
	tp	ga	gw	la	lw
val:	6.88e-11	1.87	6.41	3.84	2.42
sd:	NaN	NaN	NaN	NaN	NaN

	CNST	HILL	GNLS
AIC:	80.65	86.65	90.65
PROB:	0.95	0.05	0.01
RMSE:	1.69	1.69	1.69

MAX_MEAN: 3.53

MAX_MED: 3.53

BMAD: 0.657



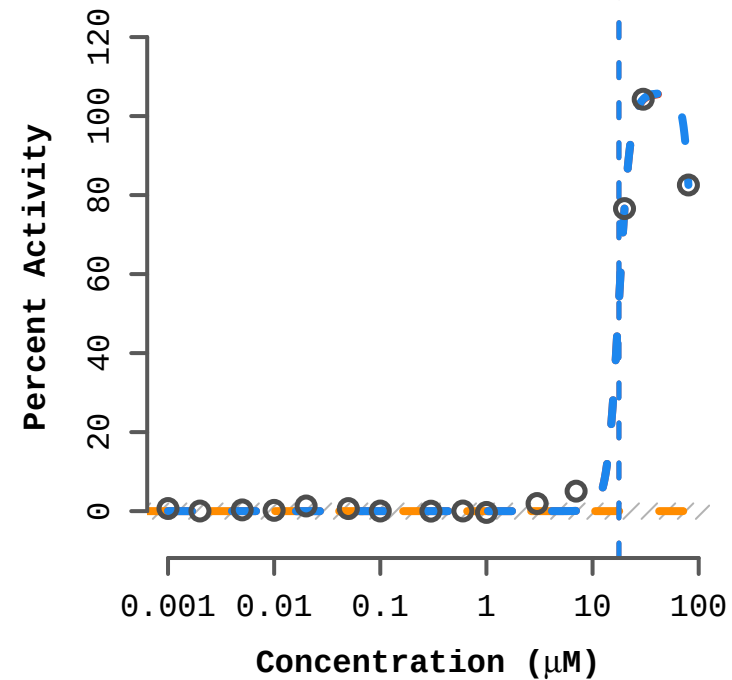
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Cinchophen
CHID: 40705 CASRN: 132-60-5
SPID(S): Tox21_400022
M4ID: 11453326

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	110.86	NA	NA
PROB:	1	NA	NA
RMSE:	1.72	NA	NA
MAX_MEAN:	0.633	MAX_MED: 0.633	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2',4,4'-Tetrahydroxybenzophenone

CHID: 41306 CASRN: 131-55-5

SPID(S): Tox21_202288

M4ID: 11453524

HILL MODEL (in red):

	tp	ga	gw
val:	106	1.25	8
sd:	1.03	0.00419	0.447

GAIN-LOSS MODEL (in blue):

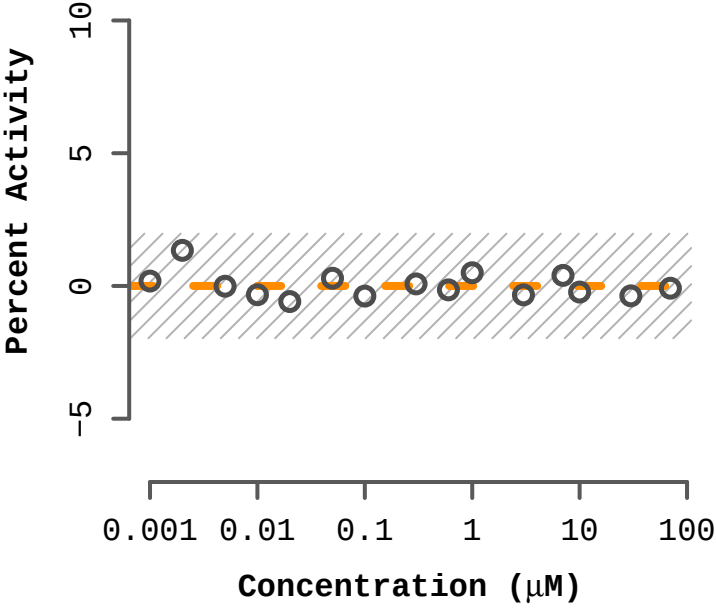
	tp	ga	gw	la	lw
val:	106	1.25	8	1.95	11.1
sd:	0.463	0.00342	0.21	0.00447	0.257

	CNST	HILL	GNLS
AIC:	145.79	78.25	54.38
PROB:	0	0	1
RMSE:	39.66	6.13	1.45

MAX_MEAN: 104

MAX_MED: 104

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: (2E)-2-Hexenal

CHID: 41425 CASRN: 6728-26-3

SPID(S): Tox21_201286

M4ID: 11454526

HILL MODEL: Not applicable.

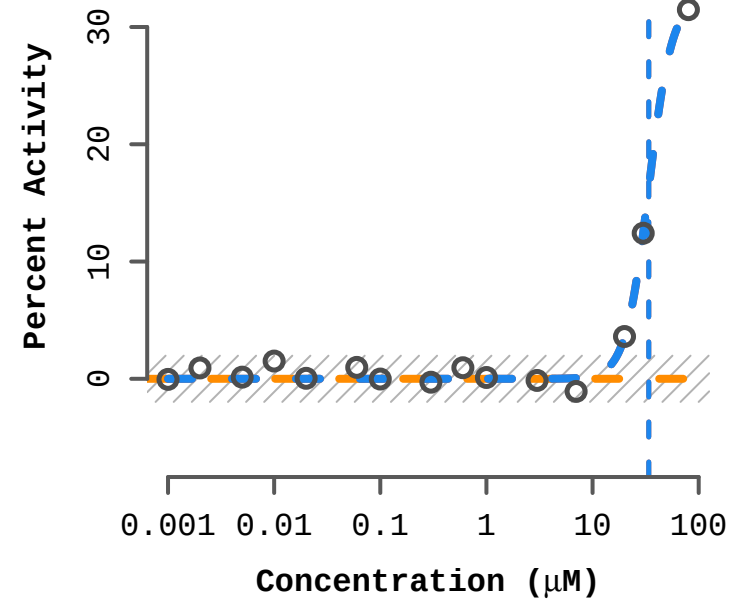
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	20.31	NA	NA
PROB:	1	NA	NA
RMSE:	0.47	NA	NA

MAX_MEAN: 1.34

MAX_MED: 1.34

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2'-Dibenzoylaminodiphenyl disulfide

CHID: 41629 CASRN: 135-57-9

SPID(S): Tox21_201711

M4ID: 11454101

HILL MODEL (in red):

	tp	ga	gw
val:	32.5	1.53	3.97
sd:	0.457	0.00817	0.233

GAIN-LOSS MODEL (in blue):

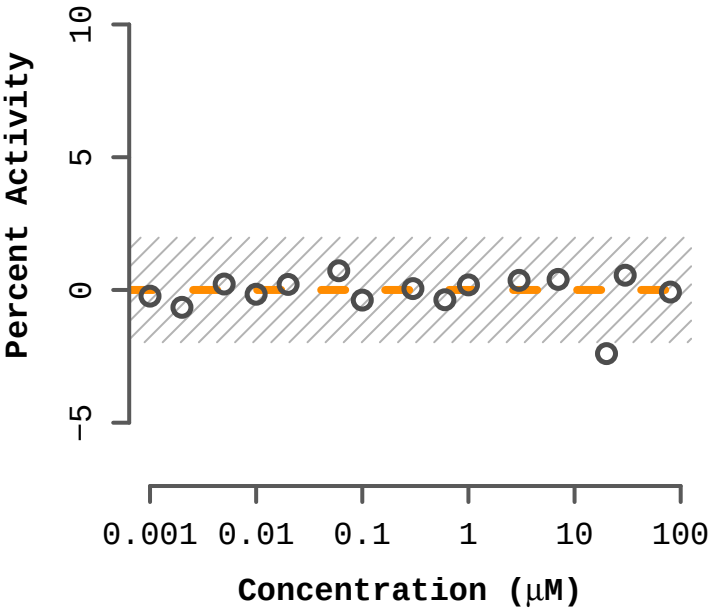
	tp	ga	gw	la	lw
val:	32.5	1.53	3.97	2.62	8.1
sd:	0.464	0.00817	0.233	211	2380

	CNST	HILL	GNLS
AIC:	89.3	37.02	41.02
PROB:	0	0.88	0.12
RMSE:	8.81	0.66	0.66

MAX_MEAN: 31.5

MAX_MED: 31.5

BMAD: 0.657



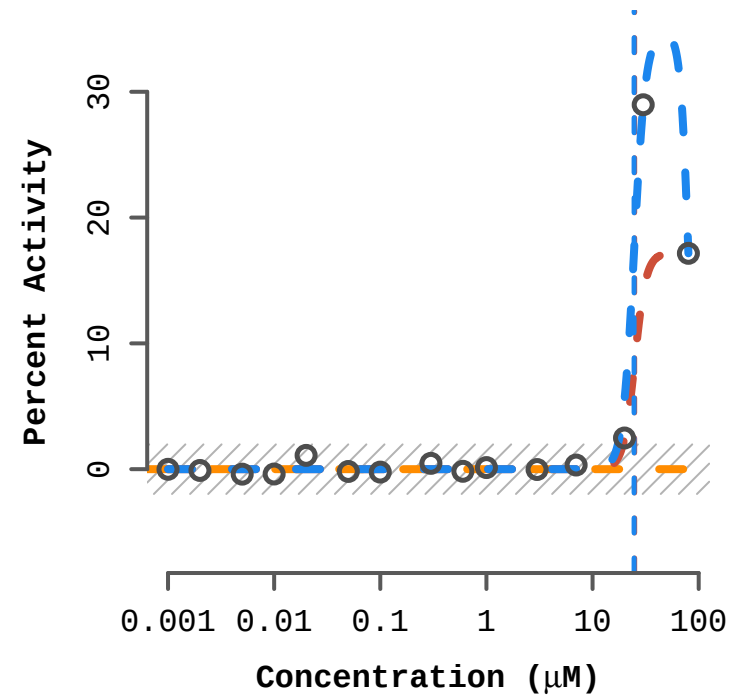
ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Sulisobenzone
CHID: 42436 CASRN: 4065-45-6
SPID(S): Tox21_202332
M4ID: 11453480

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	28.61	NA	NA
PROB:	1	NA	NA
RMSE:	0.72	NA	NA
MAX_MEAN:	0.724	MAX_MED: 0.724	BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Hexylparaben

CHID: 44514 CASRN: 1083-27-8

SPID(S): Tox21_202266

M4ID: 11453546

HILL MODEL (in red):

	tp	ga	gw
val:	17.2	1.4	8
sd:	0.307	0.011	0.832

GAIN-LOSS MODEL (in blue):

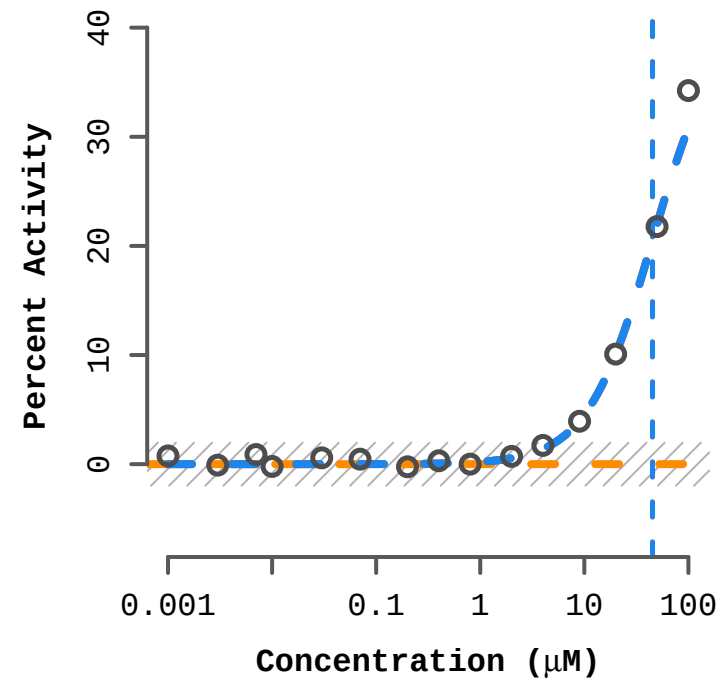
	tp	ga	gw	la	lw
val:	34.8	1.39	8	1.9	11.4
sd:	0.891	0.0063	0.766	0.00464	24.5

	CNST	HILL	GNLS
AIC:	86.66	49.7	38.24
PROB:	0	0	1
RMSE:	8.73	3.88	0.87

MAX_MEAN: 29

MAX_MED: 29

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,2'-Dichlorobiphenyl

CHID: 44533 CASRN: 13029-08-8

SPID(S): Tox21_202244

M4ID: 11453568

HILL MODEL (in red):

	tp	ga	gw
val:	41.1	1.66	1.38
sd:	2.12	0.0303	0.0515

GAIN-LOSS MODEL (in blue):

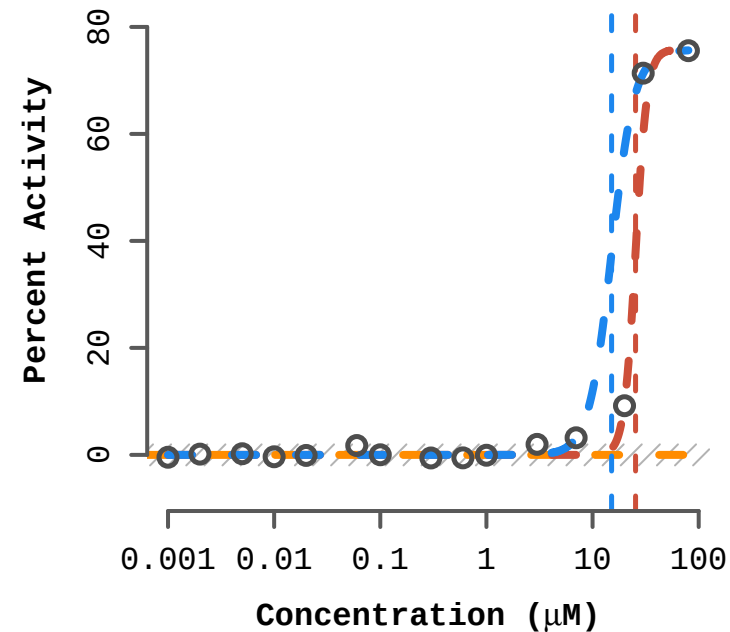
	tp	ga	gw	la	lw
val:	41.1	1.66	1.38	3.95	5.83
sd:	2.12	0.0303	0.0515	20200	60300

	CNST	HILL	GNLS
AIC:	104.43	38.37	42.37
PROB:	0	0.88	0.12
RMSE:	10.86	0.97	0.97

MAX_MEAN: 34.2

MAX_MED: 34.2

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: sec-Butylparaben

CHID: 44607 CASRN: 17696-61-6

SPID(S): Tox21_201970

M4ID: 11453842

HILL MODEL (in red):

	tp	ga	gw
val:	75.8	1.41	8
sd:	0.905	0.00903	0.619

GAIN-LOSS MODEL (in blue):

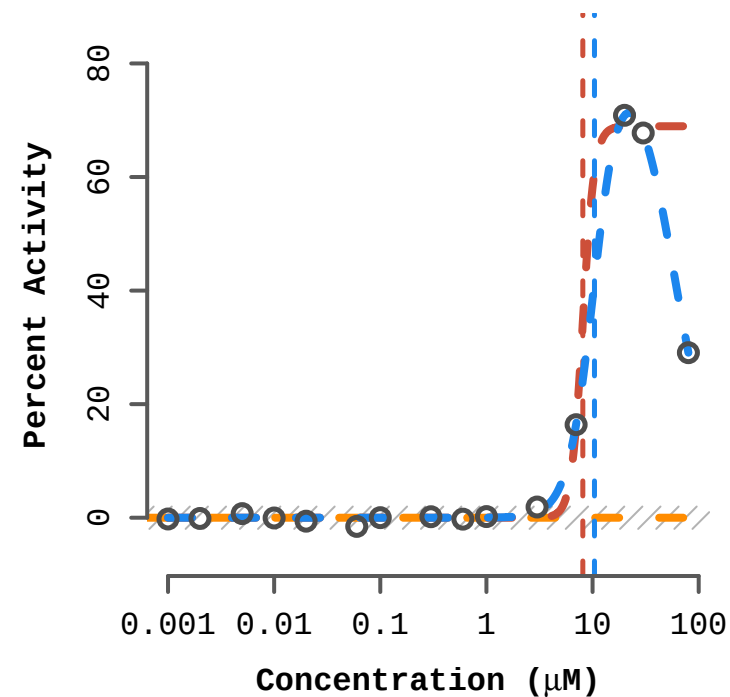
	tp	ga	gw	la	lw
val:	75.7	1.18	4.05	3.9	9.55
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	122.85	69.27	78.22
PROB:	0	0.99	0.01
RMSE:	26.96	3.17	12.44

MAX_MEAN: 75.6

MAX_MED: 75.6

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,4,4'-Trihydroxybenzophenone

CHID: 44836 CASRN: 1470-79-7

SPID(S): Tox21_202310

M4ID: 11453502

HILL MODEL (in red):

	tp	ga	gw
val:	68.9	0.908	8
sd:	1.6	0.00502	0.554

GAIN-LOSS MODEL (in blue):

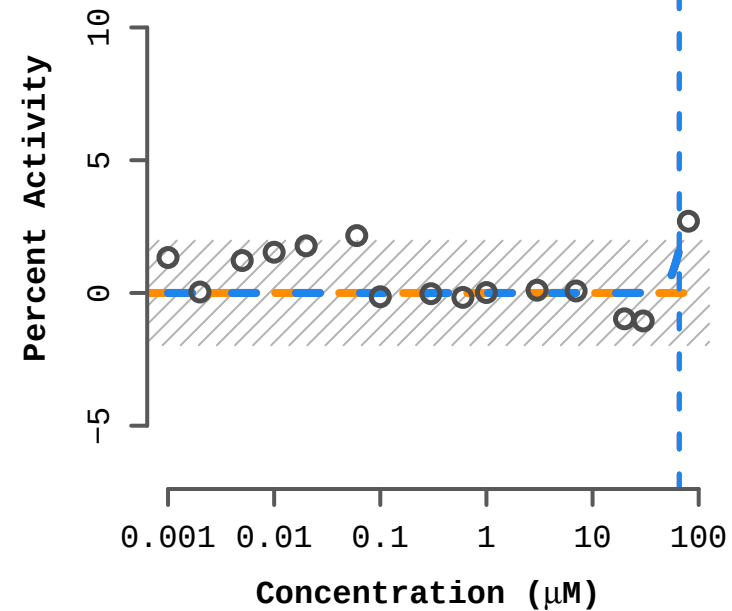
	tp	ga	gw	la	lw
val:	85	1.02	3.56	1.77	2.18
sd:	0.317	0.00399	0.0472	0.00414	0.0275

	CNST	HILL	GNLS
AIC:	135.67	78.95	31.85
PROB:	0	0	1
RMSE:	26.75	10.33	0.53

MAX_MEAN: 70.9

MAX_MED: 70.9

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bis[4-(glycidyoxy)phenyl]methane

CHID: 44872 CASRN: 2095-03-6

SPID(S): Tox21_201598

M4ID: 11454214

HILL MODEL (in red):

	tp	ga	gw
val:	3.24	1.82	8
sd:	6.01	0.509	13.6

GAIN-LOSS MODEL (in blue):

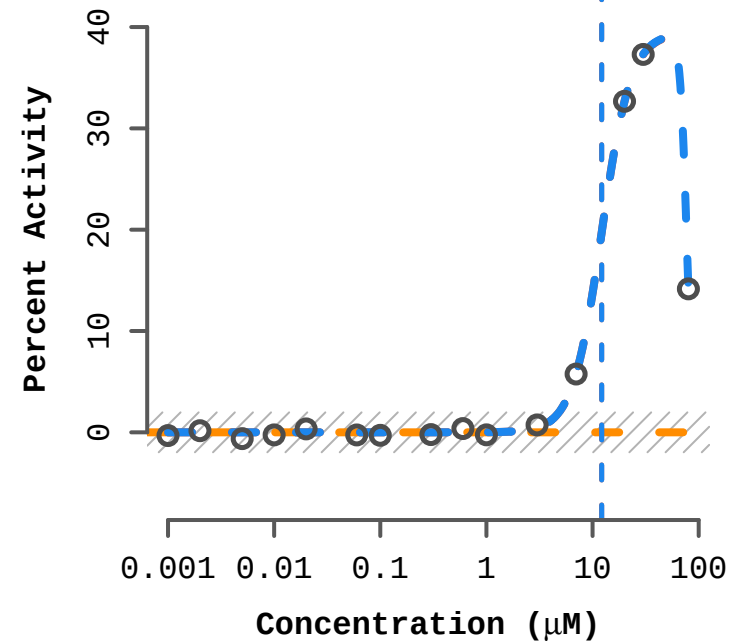
	tp	ga	gw	la	lw
val:	3.24	1.82	8	3.73	2.99
sd:	6	0.507	13.6	870	1430

	CNST	HILL	GNLS
AIC:	51.52	51.66	55.66
PROB:	0.49	0.45	0.06
RMSE:	1.24	1.02	1.02

MAX_MEAN: 2.7

MAX_MED: 2.7

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2-(4-Hydroxybenzyl)phenol

CHID: 44890 CASRN: 2467-03-0

SPID(S): Tox21_201953

M4ID: 11453859

HILL MODEL (in red):

	tp	ga	gw
val:	39.4	1.09	3.18
sd:	0.41	0.00823	0.082

GAIN-LOSS MODEL (in blue):

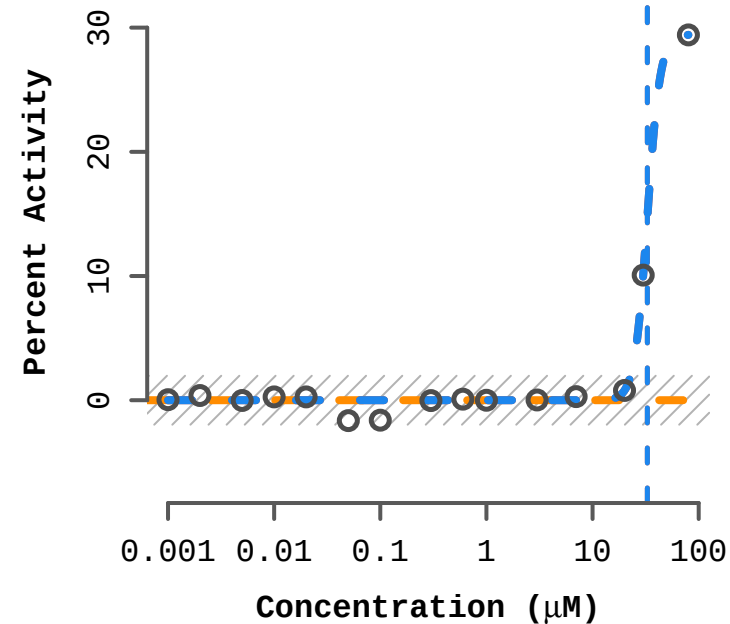
	tp	ga	gw	la	lw
val:	39.5	1.09	3.17	1.89	14.2
sd:	0.286	0.0062	0.0561	0.00405	0.657

	CNST	HILL	GNLS
AIC:	112.3	51.93	17.91
PROB:	0	0	1
RMSE:	13.4	6.5	0.28

MAX_MEAN: 37.3

MAX_MED: 37.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Exifone

CHID: 44950 CASRN: 52479-85-3

SPID(S): Tox21_201450

M4ID: 11454362

HILL MODEL (in red):

	tp	ga	gw
val:	29.5	1.52	7.25
sd:	0.223	0.00433	0.323

GAIN-LOSS MODEL (in blue):

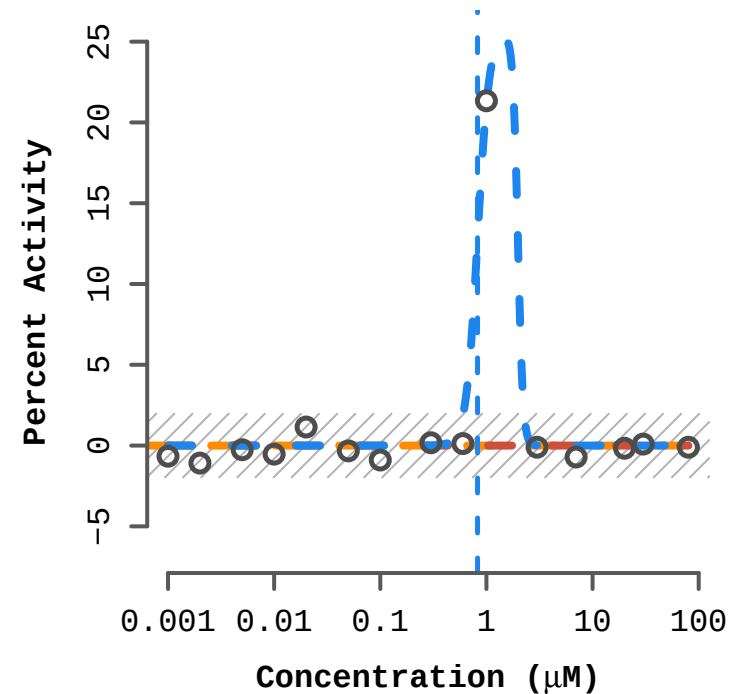
	tp	ga	gw	la	lw
val:	29.5	1.52	7.25	3.1	10.2
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	80.95	26.83	30.83
PROB:	0	0.88	0.12
RMSE:	8.05	0.61	0.61

MAX_MEAN: 29.4

MAX_MED: 29.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Bis(2-butoxyethyl) phthalate

CHID: 47174 CASRN: 117-83-9

SPID(S): Tox21_201843

M4ID: 11453969

HILL MODEL (in red):

	tp	ga	gw
val:	0.00892	2.4	7.8
sd:	NaN	NaN	NaN

GAIN-LOSS MODEL (in blue):

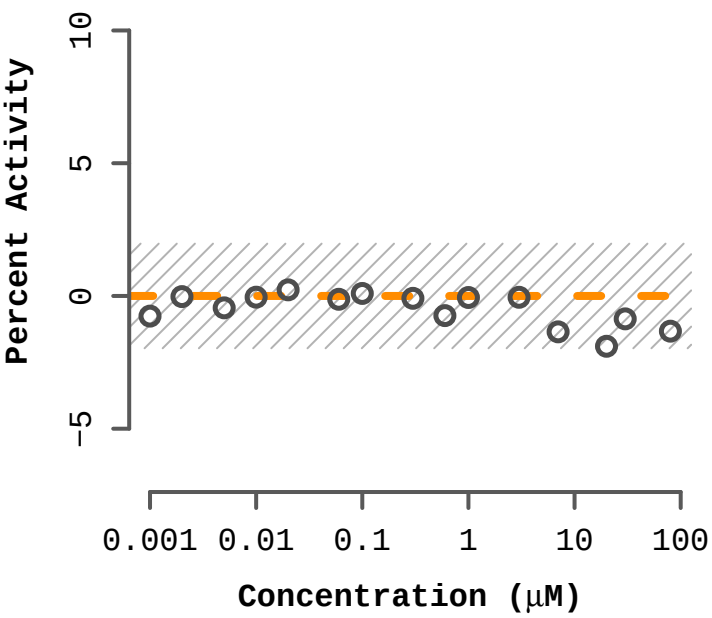
	tp	ga	gw	la	lw
val:	25.6	-0.0836	8	0.297	18
sd:	2.54	0.0276	1.92	0.529	52.1

	CNST	HILL	GNLS
AIC:	57.94	63.94	44.92
PROB:	0	0	1
RMSE:	5.54	5.54	0.72

MAX_MEAN: 21.3

MAX_MED: 21.3

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 3-Pyridinamine

CHID: 47461 **CASRN:** 462-08-8

SPID(S): Tox21_201650

M4ID: 11454162

HILL MODEL: Not applicable.

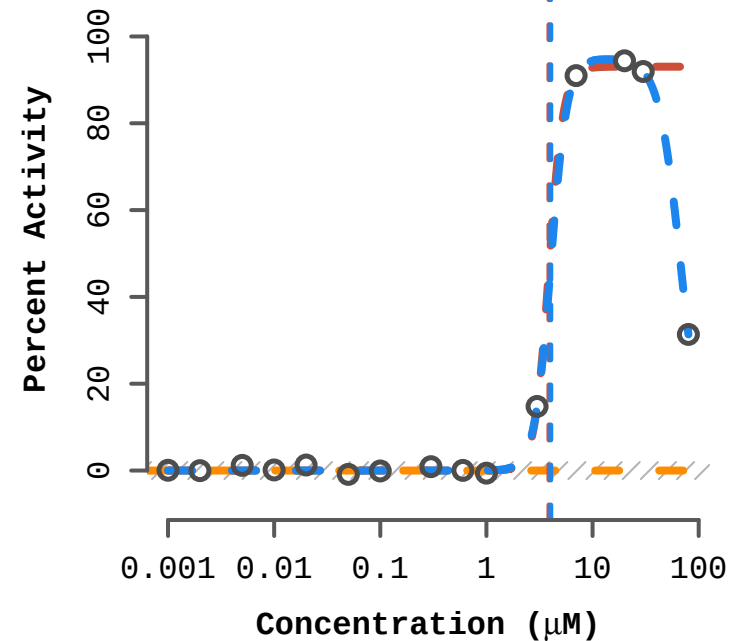
GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	36.75	NA	NA
PROB:	1	NA	NA
RMSE:	0.79	NA	NA

MAX_MEAN: 0.232

MAX_MED: 0.232

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: 2,3',4,4'-Tetrahydroxybenzophenone

CHID: 47974 CASRN: 61445-50-9

SPID(S): Tox21_202376

M4ID: 11453436

HILL MODEL (in red):

	tp	ga	gw
val:	93	0.589	6.45
sd:	0.684	0.00561	0.282

GAIN-LOSS MODEL (in blue):

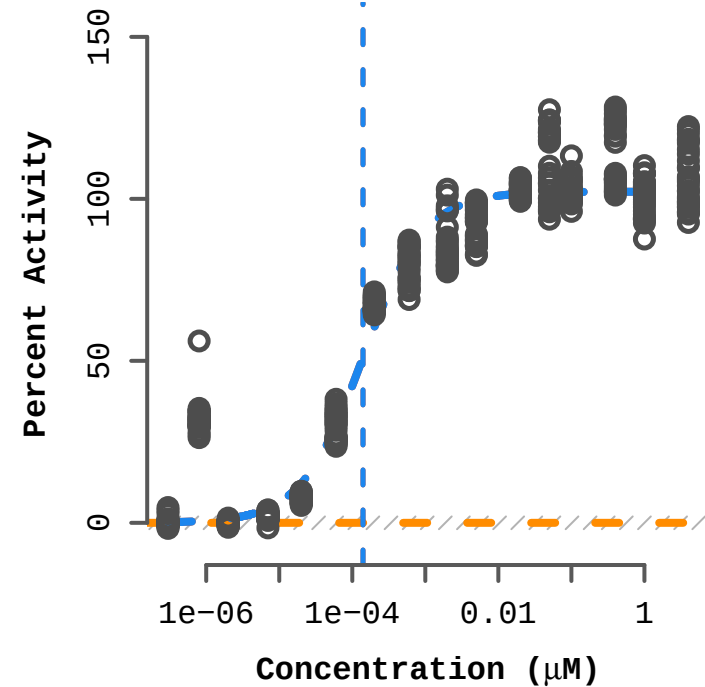
	tp	ga	gw	la	lw
val:	95	0.606	5.69	1.83	4.2
sd:	0.255	0.00262	0.0826	0.00447	0.0809

	CNST	HILL	GNLS
AIC:	154.87	80.03	36.82
PROB:	0	0	1
RMSE:	42.31	15.94	0.58

MAX_MEAN: 94.4

MAX_MED: 94.4

BMAD: 0.657



ASSAY: AEID785 (TOX21_ERa_BLA_Agonist_ratio)

NAME: Beta-Estradiol (spid not in DB)

CHID: NA CASRN: NA

SPID(S): Beta-Estradiol

M4ID: 11454580

HILL MODEL (in red):

	tp	ga	gw
val:	102	-3.85	1.03
sd:	0.618	0.0197	0.0426

GAIN-LOSS MODEL (in blue):

	tp	ga	gw	la	lw
val:	102	-3.85	1.03	1.98	17.7
sd:	NA	NA	NA	NA	NA

	CNST	HILL	GNLS
AIC:	5621.47	3574.38	3578.38
PROB:	0	0.88	0.12
RMSE:	77.82	11.18	11.18

MAX_MEAN: 114

MAX_MED: 114

BMAD: 0.657