

Fig.1 ELISA fits:

Gn3		Gn32		Gn3+Gn32	
	value		value		value
npar	4	npar	4	npar	4
params.bottom	4.14837e-02	params.bottom	4.62708e-02	params.bottom	3.79946e-02
params.top	9.13609e-01	params.top	9.46424e-01	params.top	9.38683e-01
params.xmid	8.61936e-02	params.xmid	-4.27657e-01	params.xmid	-3.21513e-01
params.sca1	1.96978e+00	params.sca1	1.59518e+00	params.sca1	1.75559e+00
params.s	1.00000e+00	params.s	1.00000e+00	params.s	1.00000e+00
GOF	9.93557e-01	GOF	9.89457e-01	GOF	9.92697e-01
weightedGOF	9.99893e-01	weightedGOF	9.99814e-01	weightedGOF	9.99881e-01
stdErr	0.0316608	stdErr	0.04005807	stdErr	0.0339645
weighted stdErr	0.02761195	weighted stdErr	0.03609953	weighted stdErr	0.02937417
trapezoid	3.06068	trapezoid	3.64066	trapezoid	3.5009
Simpson	3.02756	Simpson	3.60647	Simpson	3.46675
xInfl	0.0861936	xInfl	-0.427657	xInfl	-0.321513
yInfl	0.477546	yInfl	0.496348	yInfl	0.488339
Log10(EC50)	0.1089195	Log10(EC50)	-0.423238	Log10(EC50)	-0.3086988
EC50	1.28505e+00	EC50	3.77365e-01	EC50	4.91248e-01
[95%]	[1.12456e+00 1.47372e+00]	[95%]	[3.06354e-01 4.65456e-01]	[95%]	[4.20256e-01 5.76991e-01]
date (Y-m-d)	2019-04-02	date (Y-m-d)	2019-04-02	date (Y-m-d)	2019-04-02
nplr version	0.1.7 (2016-12-25)	nplr version	0.1.7 (2016-12-25)	nplr version	0.1.7 (2016-12-25)
R version	3.5.2 (2018-12-20)	R version	3.5.2 (2018-12-20)	R version	3.5.2 (2018-12-20)

Fig. 3 SNT fits:

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Gn3		Gn3+Gn32	
	value		value
npar	4	npar	4
params.bottom	-1.82790e-03	params.bottom	-9.60328e-04
params.top	1.01021e+00	params.top	1.01775e+00
params.xmid	1.52787e+00	params.xmid	1.39401e+00
params.sca1	8.96265e+00	params.sca1	5.05766e+00
params.s	1.00000e+00	params.s	1.00000e+00
GOF	9.95093e-01	GOF	9.407e-01
weightedGOF	9.99906e-01	weightedGOF	9.98574e-01
stdErr	0.03365182	stdErr	0.1169808
weighted stdErr	0.01681304	weighted stdErr	0.06540513
trapezoid	0.480254	trapezoid	0.622314
Simpson	0.474988	Simpson	0.61411
xInfl	1.52787	xInfl	1.39401
yInfl	0.50419	yInfl	0.508393
Log10(IC50)	1.527067	Log10(IC50)	1.391181
IC50	3.36563e+01	IC50	2.4614e+01
[95%]	[3.28416e+01 3.45e+01]	[95%]	[2.09436e+01 2.87556e+01]
date (Y-m-d)	2019-04-04	date (Y-m-d)	2019-04-04
nplr version	0.1.7 (2016-12-25)	nplr version	0.1.7 (2016-12-25)
R version	3.5.2 (2018-12-20)	R version	3.5.2 (2018-12-20)

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Gn3	value	Gn3+Gn32	value
npar	4	npar	4
params.bottom	-1.53276e-03	params.bottom	-3.43922e-04
params.top	9.12087e-01	params.top	9.99470e-01
params.xmid	2.15389e+00	params.xmid	2.00262e+00
params.sca1	6.09895e+00	params.sca1	5.72752e+00
params.s	1.00000e+00	params.s	1.00000e+00
GOF	6.77302e-01	GOF	5.64376e-01
weightedGOF	9.97917e-01	weightedGOF	9.95726e-01
stdErr	0.2728898	stdErr	0.3170623
weighted stdErr	0.07904551	weighted stdErr	0.1132374
trapezoid	0.573532	trapezoid	0.604966
Simpson	0.566938	Simpson	0.596906
xInfl	2.15389	xInfl	2.00262
yInfl	0.455277	yInfl	0.499563
Log10(IC50)	2.167875	Log10(IC50)	2.002748
IC50	1.47189e+02	IC50	1.00635e+02
[95%]	[1.05181e+02 2.09276e+02]	[95%]	[6.92891e+01 1.45344e+02]
date (Y-m-d)	2019-04-02	date (Y-m-d)	2019-04-02
np1r version	0.1.7 (2016-12-25)	np1r version	0.1.7 (2016-12-25)
R version	3.5.2 (2018-12-20)	R version	3.5.2 (2018-12-20)

EC50 and IC50 values were obtained by fitting the data to a 4-Parameter Logistic Regression model using the np1r package in R.

Frederic Commo and Brian M. Bot (2016). np1r: N-Parameter Logistic Regression. R package version 0.1-7.
<https://CRAN.R-project.org/package=np1r>

R Core Team (2018). R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. URL <https://www.R-project.org/>.

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