

Calculation and Visualization of synergy scores for Drug Combinations

Drug combinations:

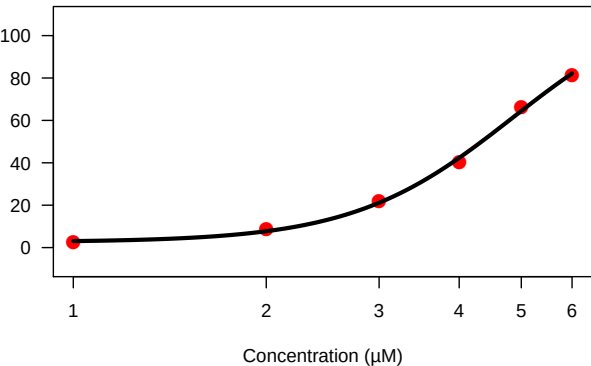
Drug combination	Synergy score	Most synergistic area score	N
average 159 torin1 - average 159 verteporfin	8.05	16.12	
Replicate1 159 torin1 - Replicate 1 159 verteporfin	9.39	18.97	
Replicate2 159 torin1 - Replicate 2 159 verteporfin	6.55	16.35	
Replicate 3 159 torin1 - Replicate 3 159 verteporfin	8.11	15.64	
average MDAMB231 torin1 - average MDAMB231 verteporfin	10.33	16.95	
Replicate 1 MDAMB231 torin1 - Replicate 1 MDAMB231 verteporfin	9.72	17.23	
Replicate 2 MDAMB231 torin1 - Replicate 2 MDAMB231 verteporfin	7.25	15.25	
Replicate 3 MDAMB231 torin1 - Replicate 3 MDAMB231 verteporfin	12.12	18.60	
average SUM1315 torin1 - average SUM1315 verteporfin	11.28	20.75	
Replicate 1 SUM1315 torin1 - Replicate 1 SUM1315 verteporfin	11.52	20.76	
Replicate 2 SUM1315 torin1 - Replicate 2 SUM1315 verteporfin	13.48	23.91	
Replicate 3 SUM1315 torin1 - Replicate 3 SUM1315 verteporfin	7.65	17.47	
average SUM149 torin1 - average SUM149 verteporfin	9.62	19.00	
Replicate 1 SUM149 torin1 - Replicate 1 SUM149 verteporfin	9.89	22.46	
Replicate 2 SUM149 torin1 - Replicate 2 SUM149 verteporfin	11.49	24.29	
Replicate 3 SUM149 torin1 - Replicate 3 SUM149 verteporfin	6.11	13.60	

Chosen parameters:

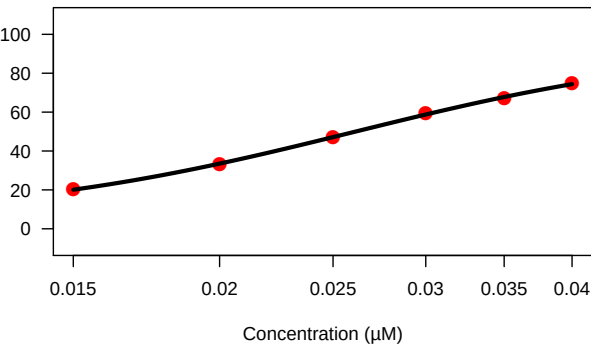
Readout: inhibition ; Baseline correction: Yes ;

average 159 torin1 & average 159 verteporfin

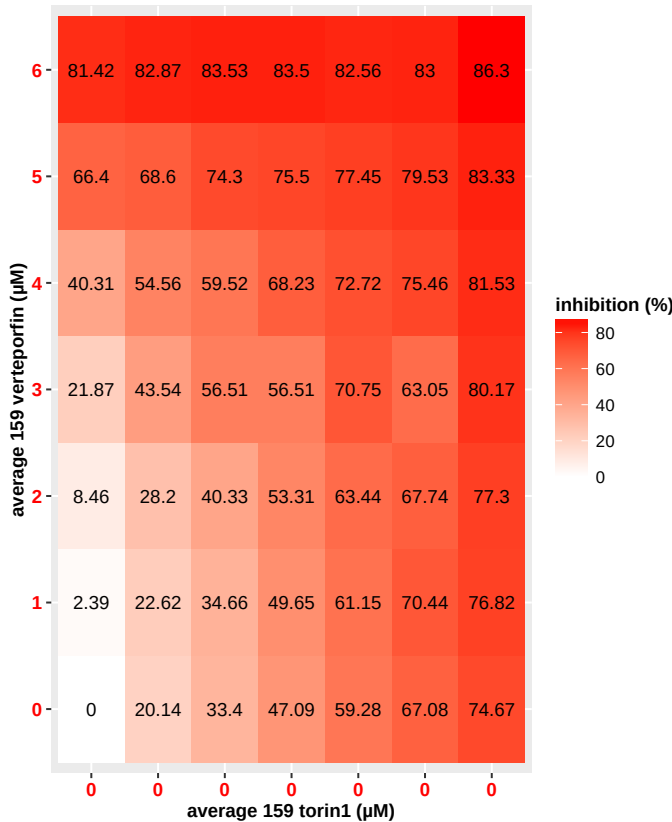
Dose-response curve for drug: average 159 verteporfin



Dose-response curve for drug: average 159 torin1

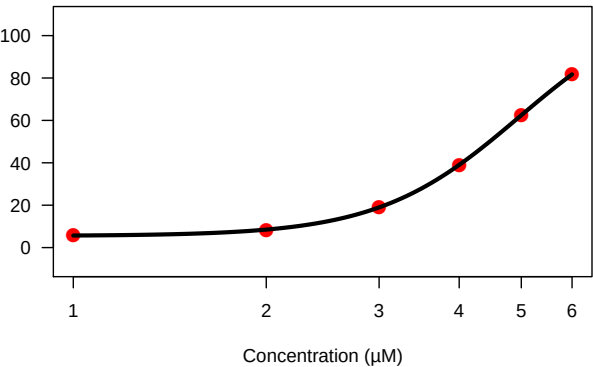


Dose-response matrix (inhibition)

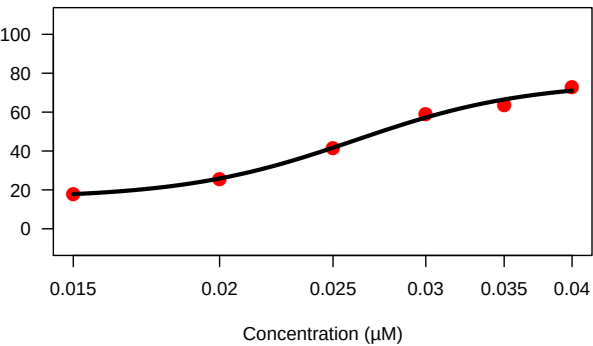


Replicate1 159 torin1 & Replicate 1 159 verteporfin

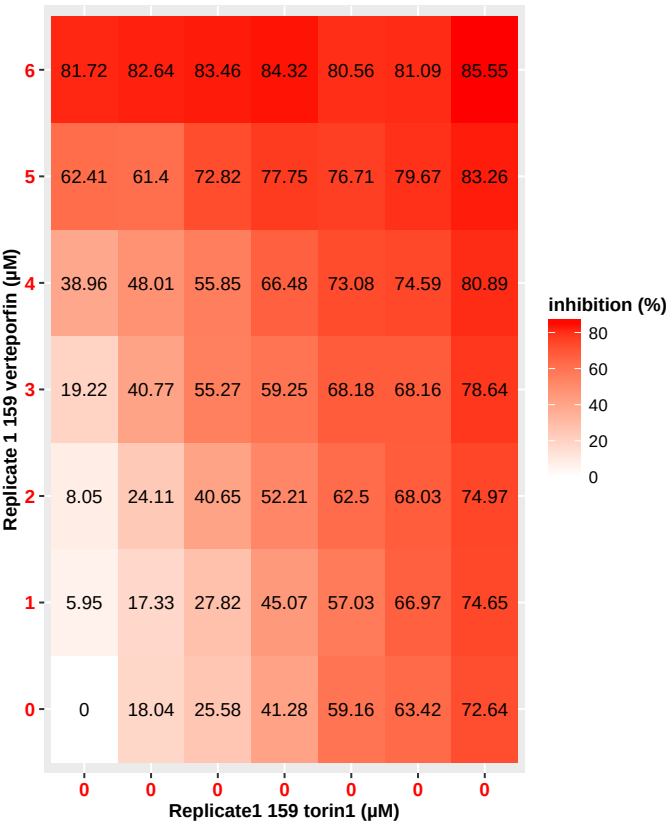
Dose-response curve for drug: Replicate 1 159 verteporfin



Dose-response curve for drug: Replicate1 159 torin1

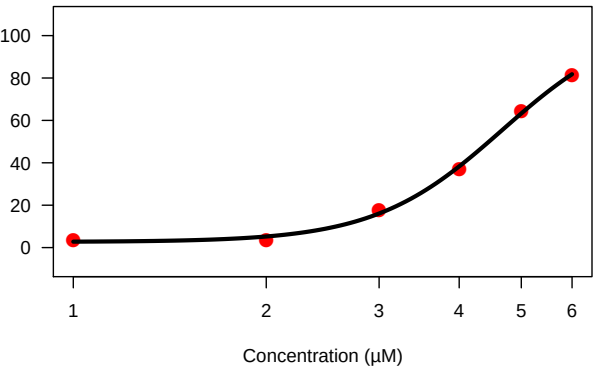


Dose-response matrix (inhibition)

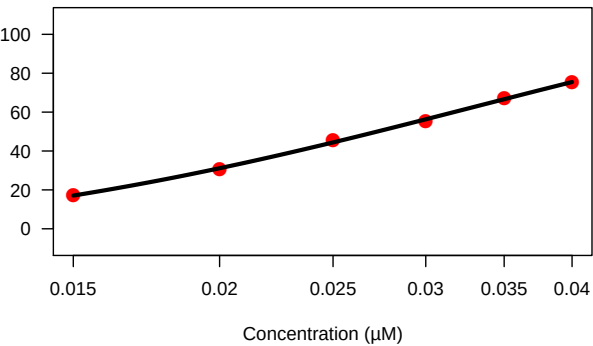


Replicate2 159 torin1 & Replicate 2 159 verterporfin

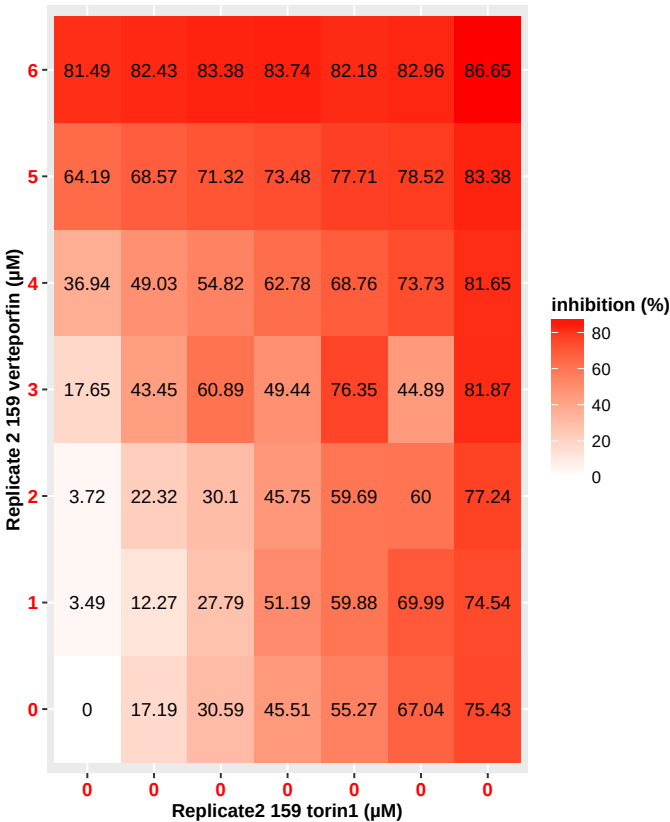
Dose-response curve for drug: Replicate 2 159 verterporfin



Dose-response curve for drug: Replicate2 159 torin1

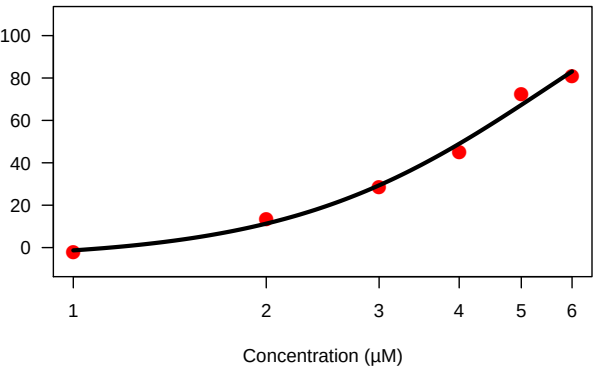


Dose-response matrix (inhibition)

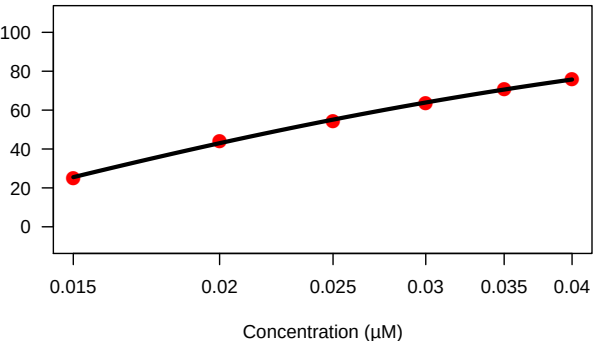


Replicate 3 159 torin1 & Replicate 3 159 verteporfin

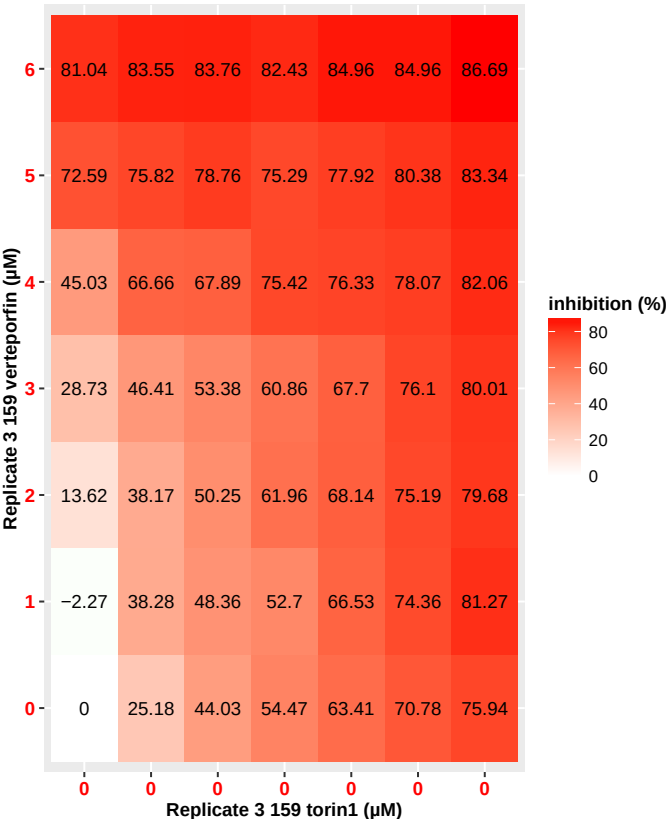
Dose-response curve for drug: Replicate 3 159 verteporfin



Dose-response curve for drug: Replicate 3 159 torin1

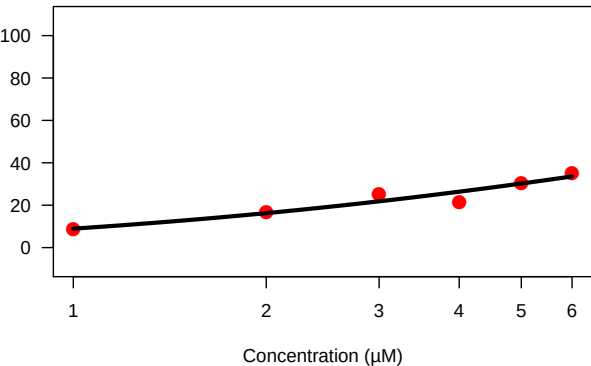


Dose-response matrix (inhibition)

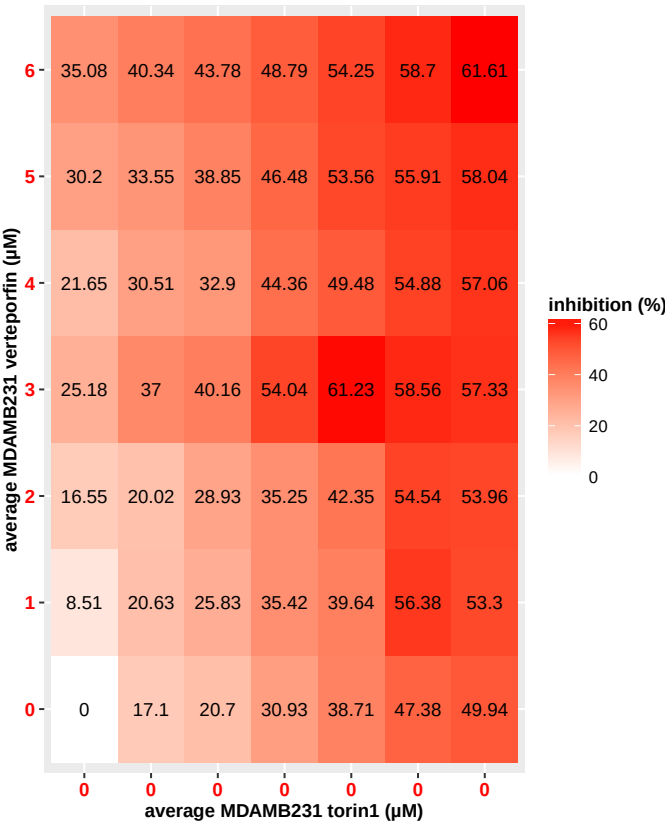


average MDAMB231 torin1 & average MDAMB231 verteporfin

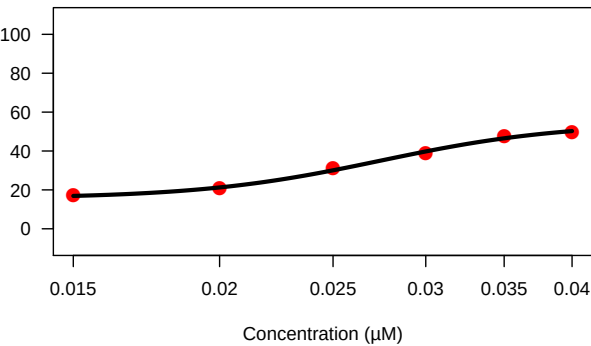
Dose-response curve for drug: average MDAMB231 verteporfin



Dose-response matrix (inhibition)

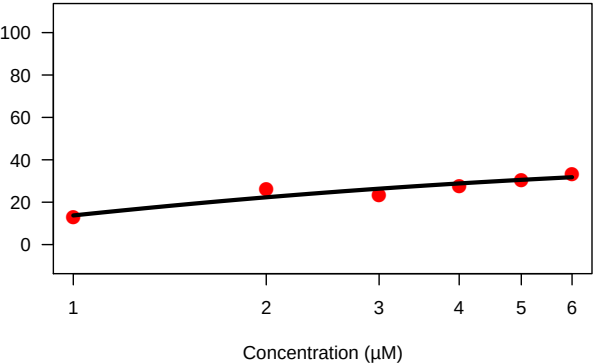


Dose-response curve for drug: average MDAMB231 torin1

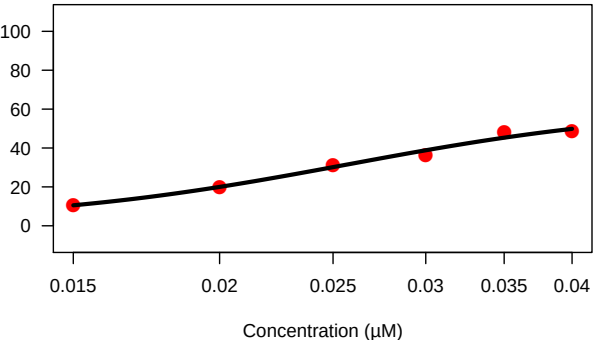


Replicate 1 MDAMB231 torin1 & Replicate 1 MDAMB231 verteporfin

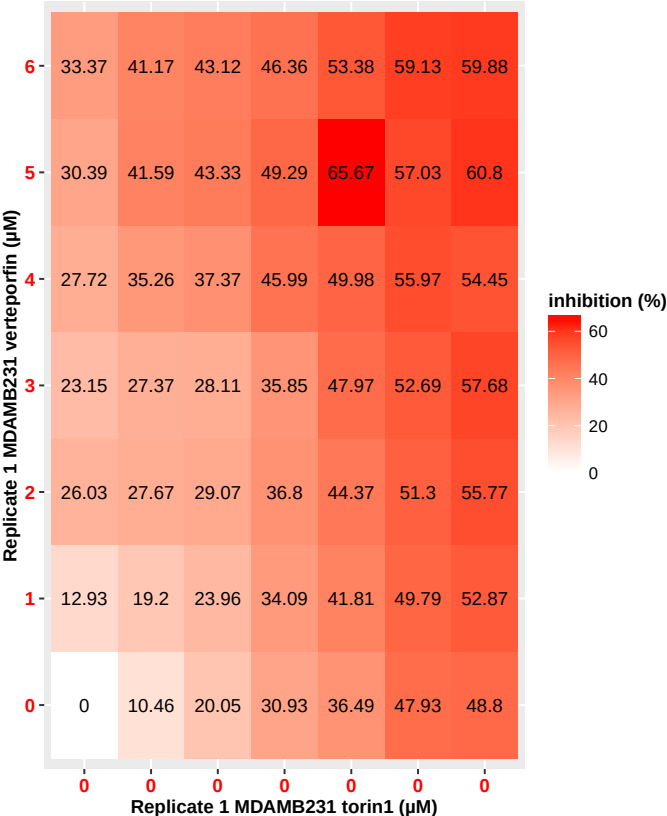
Dose-response curve for drug: Replicate 1 MDAMB231 verteporfin



Dose-response curve for drug: Replicate 1 MDAMB231 torin1

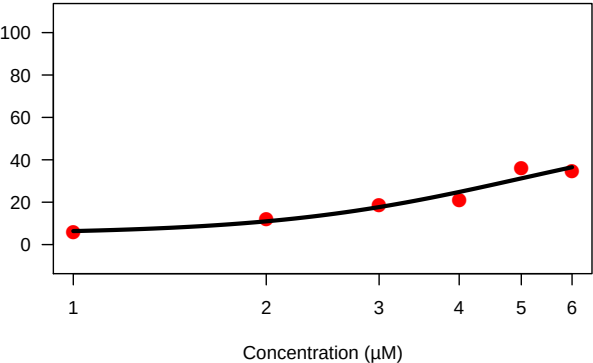


Dose-response matrix (inhibition)

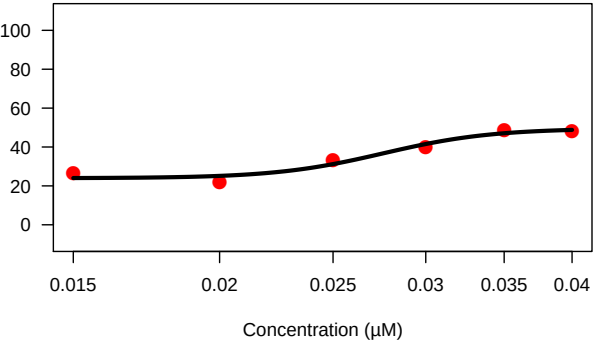


Replicate 2 MDAMB231 torin1 & Replicate 2 MDAMB231 verteporfin

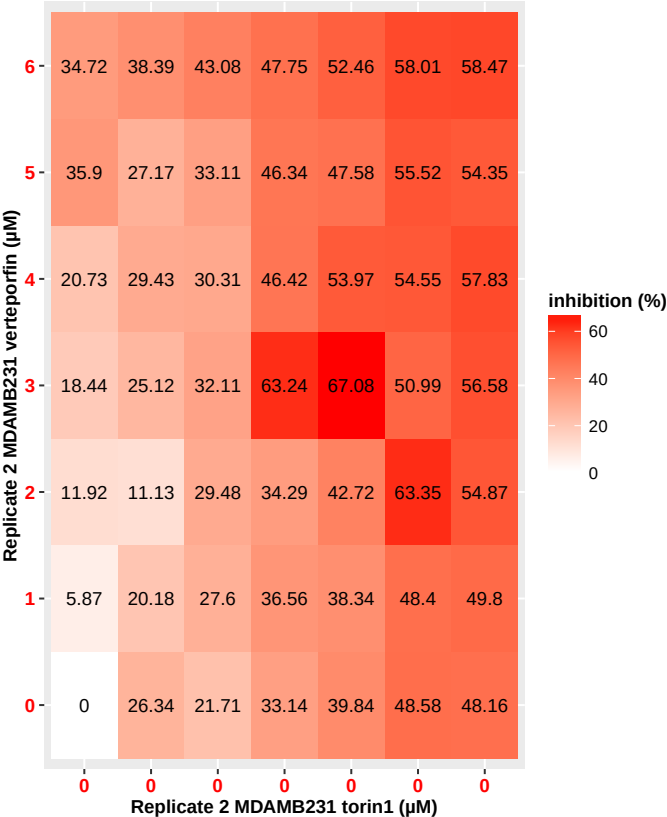
Dose-response curve for drug: Replicate 2 MDAMB231 verteporfin



Dose-response curve for drug: Replicate 2 MDAMB231 torin1

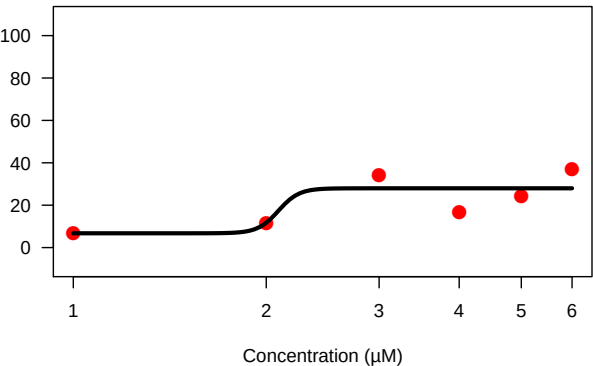


Dose-response matrix (inhibition)

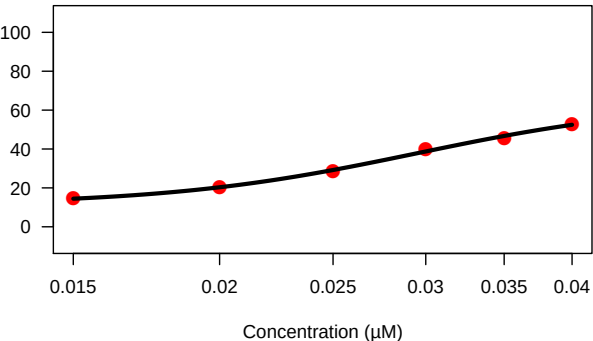


Replicate 3 MDAMB231 torin1 & Replicate 3 MDAMB231 verteporfin

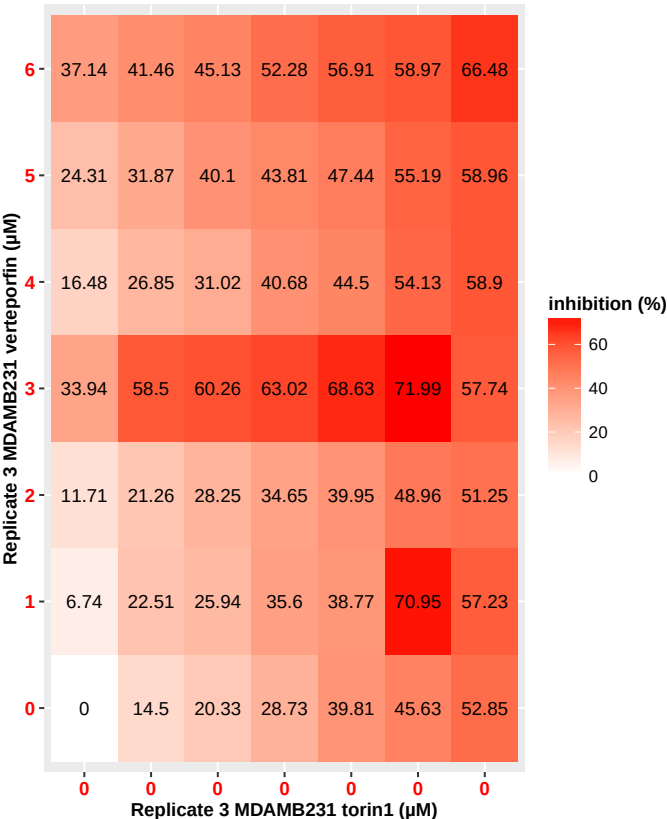
Dose-response curve for drug: Replicate 3 MDAMB231 verteporfin



Dose-response curve for drug: Replicate 3 MDAMB231 torin1

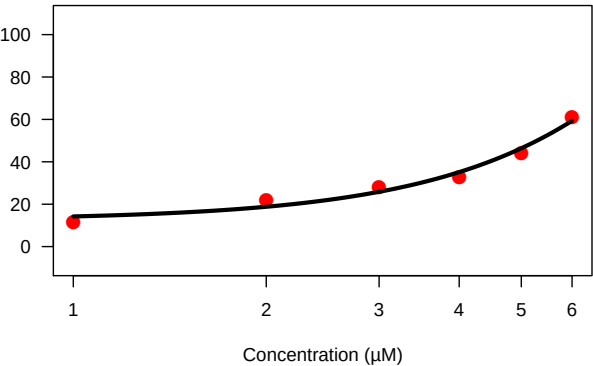


Dose-response matrix (inhibition)

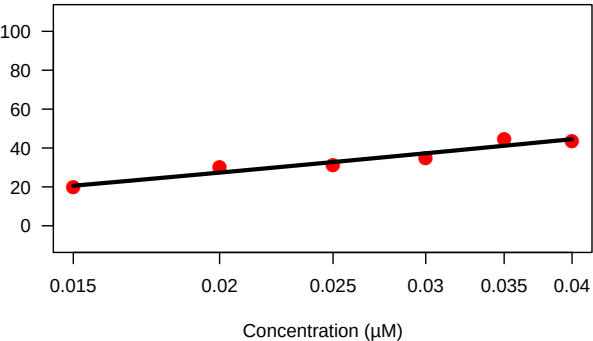


average SUM1315 torin1 & average SUM1315 verteporfin

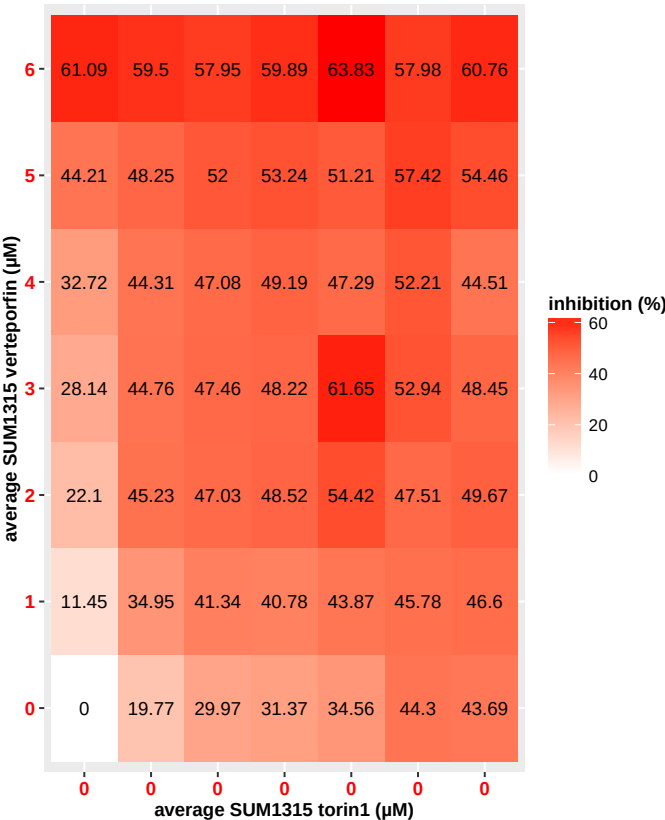
Dose-response curve for drug: average SUM1315 verteporfin



Dose-response curve for drug: average SUM1315 torin1

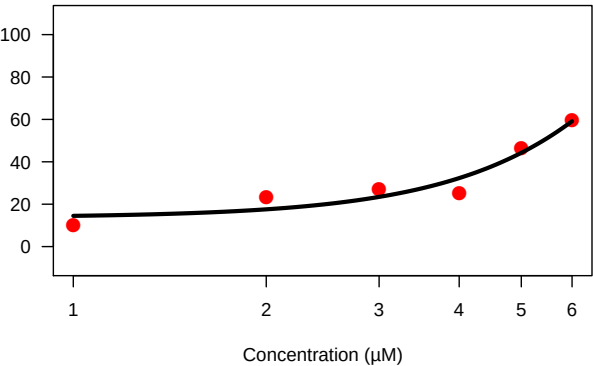


Dose-response matrix (inhibition)

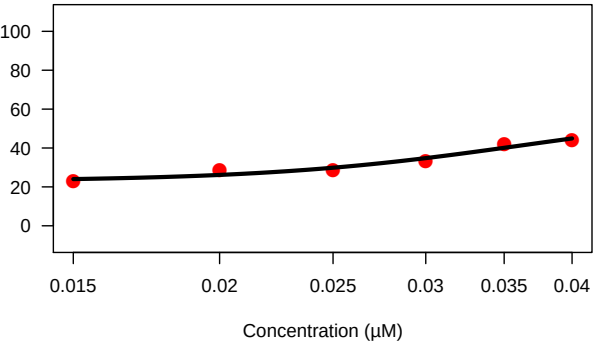


Replicate 1 SUM1315 torin1 & Replicate 1 SUM1315 verteporfin

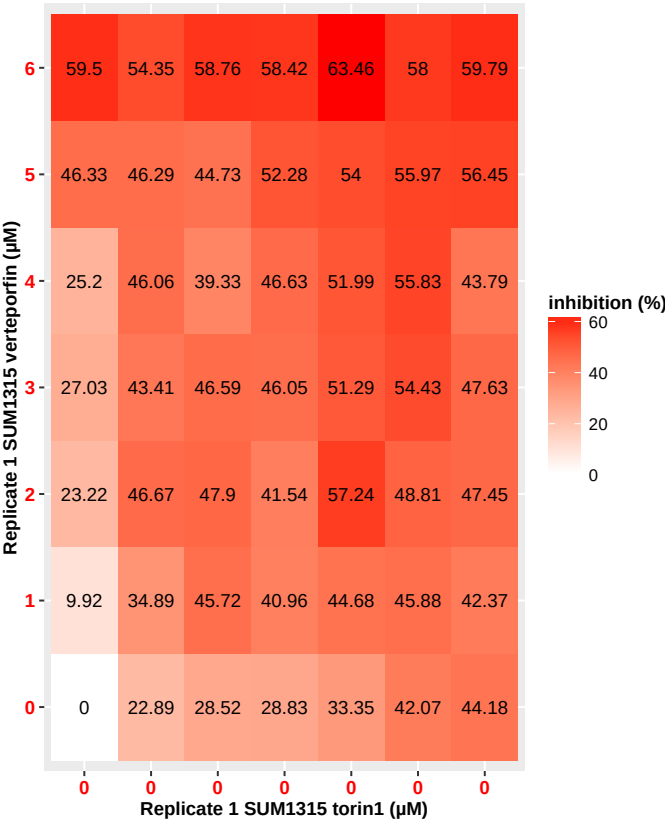
Dose-response curve for drug: Replicate 1 SUM1315 verteporfin



Dose-response curve for drug: Replicate 1 SUM1315 torin1

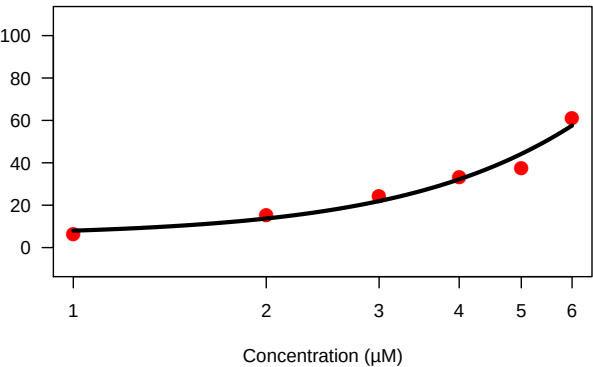


Dose-response matrix (inhibition)

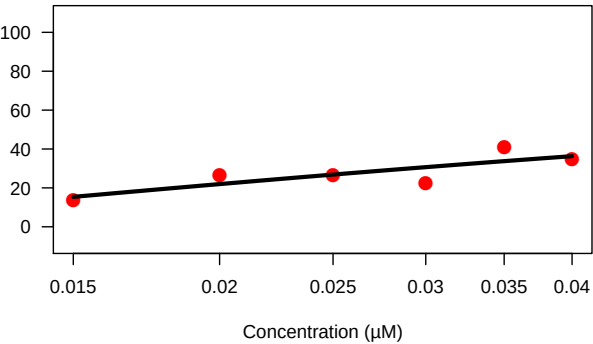


Replicate 2 SUM1315 torin1 & Replicate 2 SUM1315 verteporfin

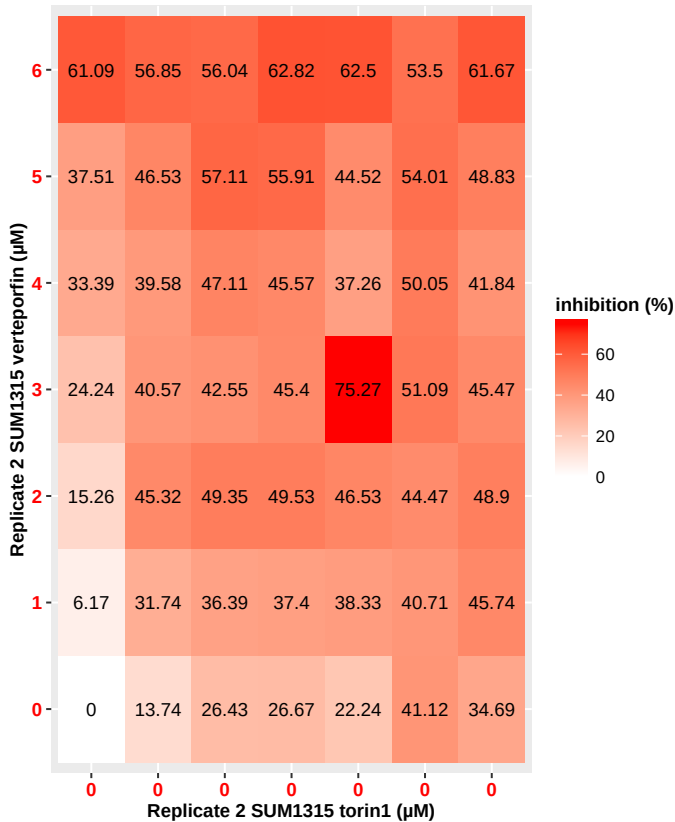
Dose-response curve for drug: Replicate 2 SUM1315 verteporfin



Dose-response curve for drug: Replicate 2 SUM1315 torin1

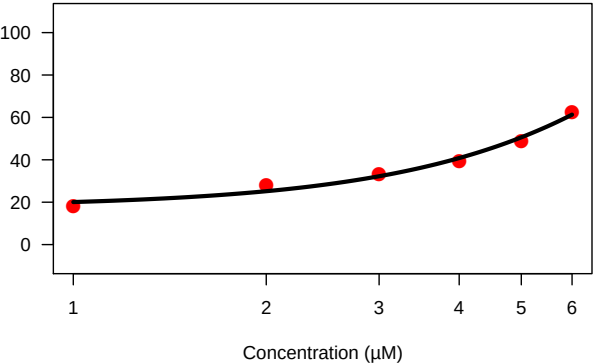


Dose-response matrix (inhibition)

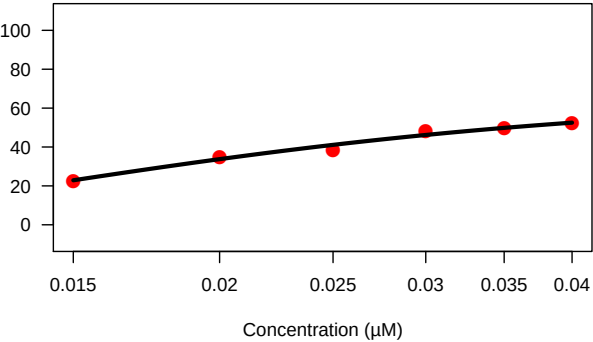


Replicate 3 SUM1315 torin1 & Replicate 3 SUM1315 verteporfin

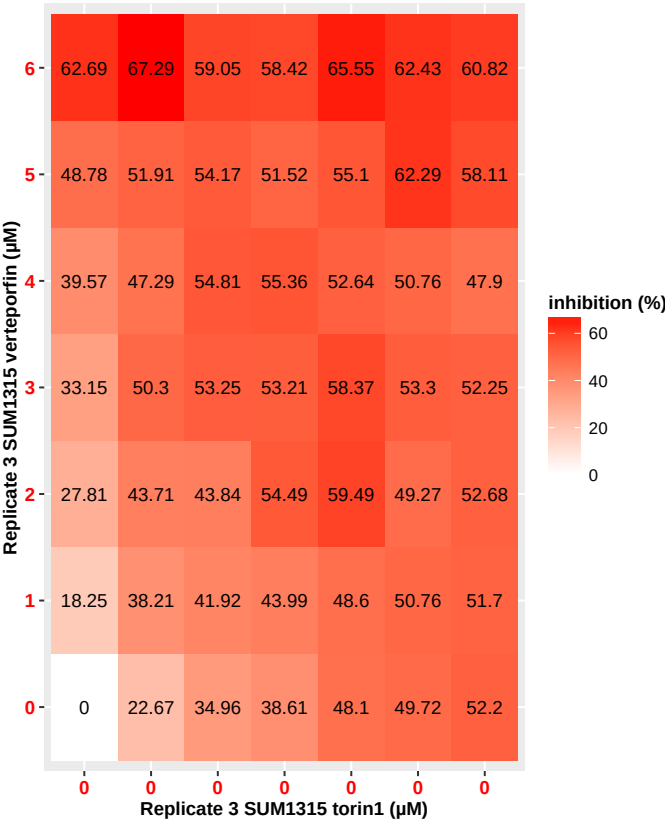
Dose-response curve for drug: Replicate 3 SUM1315 verteporfin



Dose-response curve for drug: Replicate 3 SUM1315 torin1

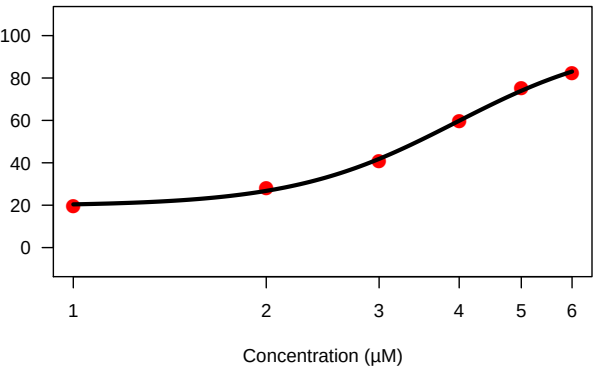


Dose-response matrix (inhibition)

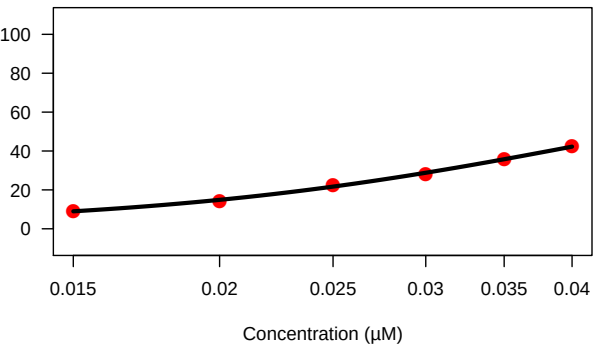


average SUM149 torin1 & average SUM149 verteporfin

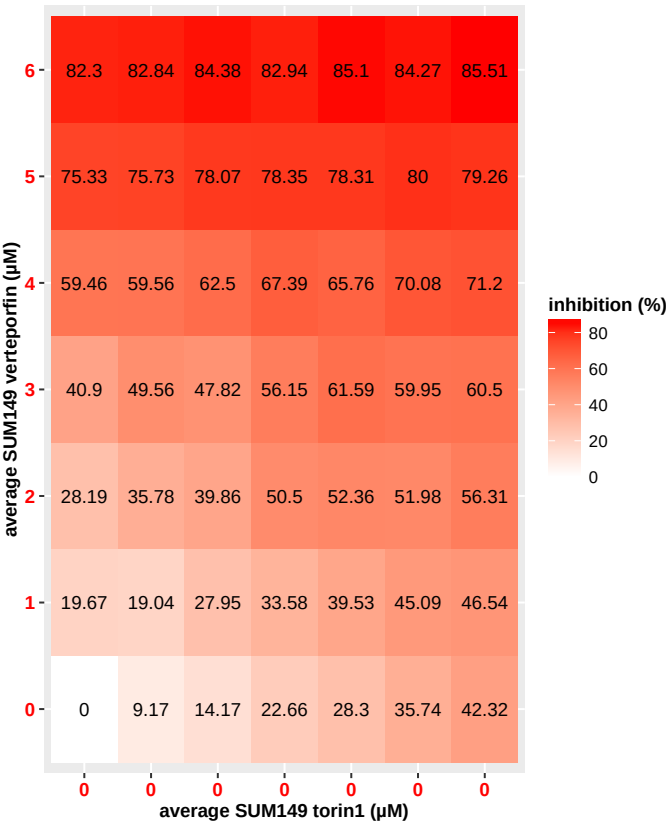
Dose-response curve for drug: average SUM149 verteporfin



Dose-response curve for drug: average SUM149 torin1

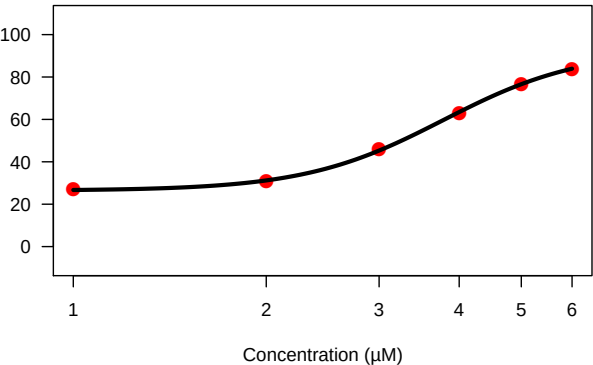


Dose-response matrix (inhibition)

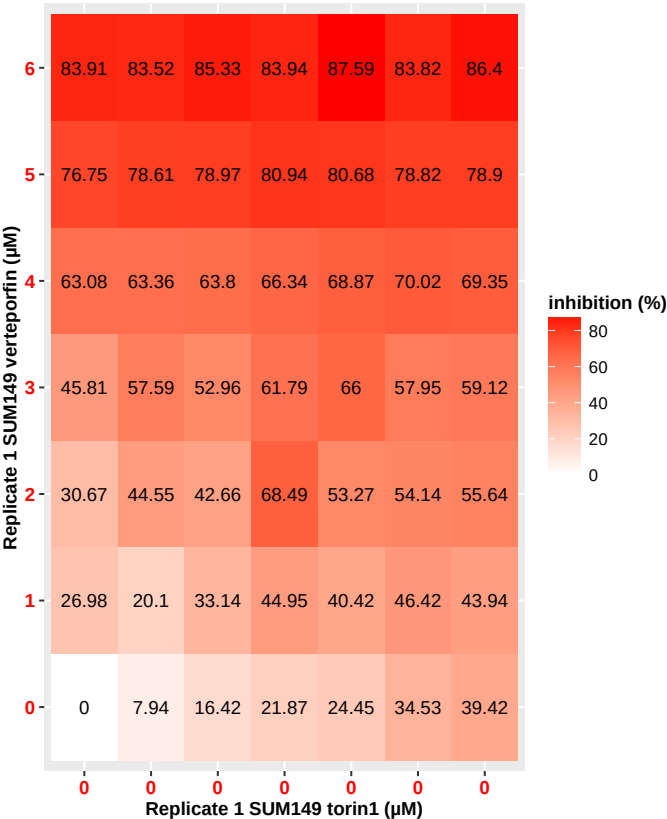


Replicate 1 SUM149 torin1 & Replicate 1 SUM149 verteporfin

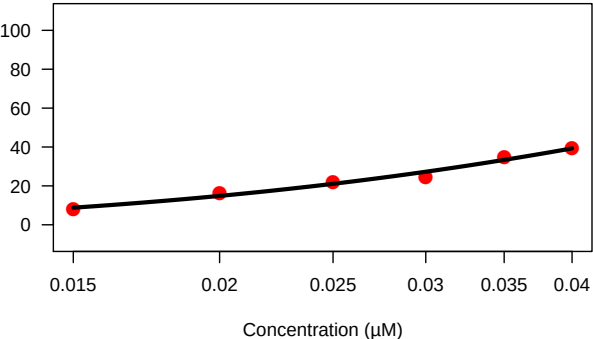
Dose-response curve for drug: Replicate 1 SUM149 verteporfin



Dose-response matrix (inhibition)

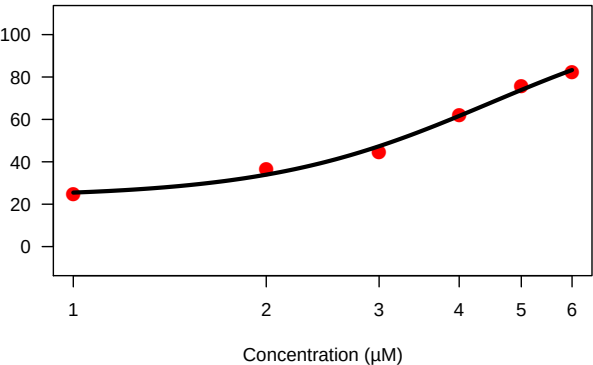


Dose-response curve for drug: Replicate 1 SUM149 torin1

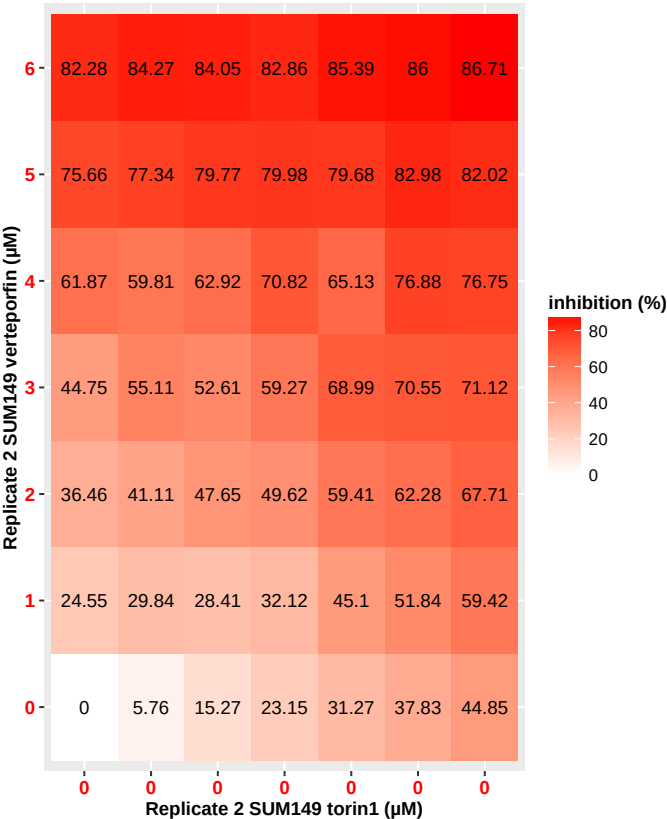


Replicate 2 SUM149 torin1 & Replicate 2 SUM149 verteporfin

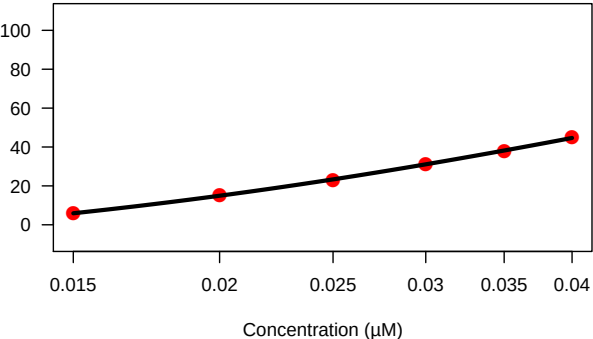
Dose-response curve for drug: Replicate 2 SUM149 verteporfin



Dose-response matrix (inhibition)

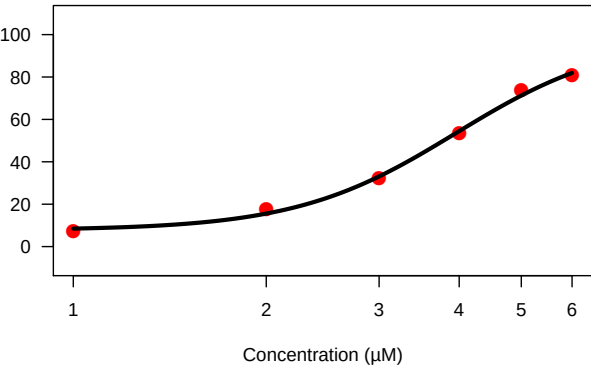


Dose-response curve for drug: Replicate 2 SUM149 torin1

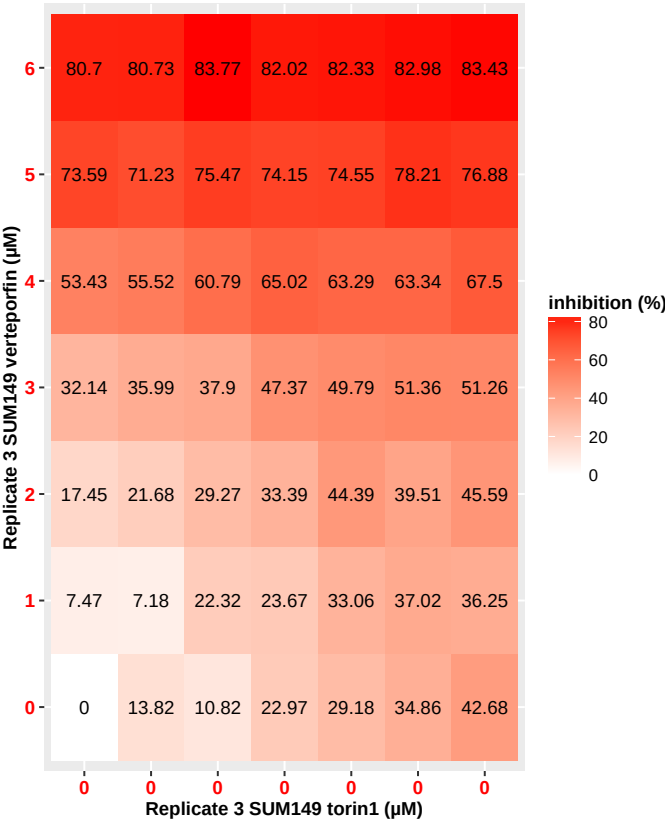


Replicate 3 SUM149 torin1 & Replicate 3 SUM149 verteporfin

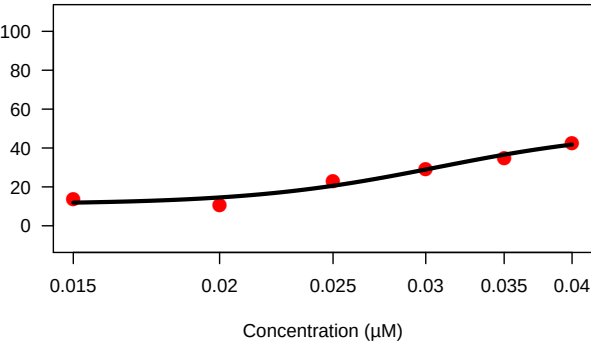
Dose-response curve for drug: Replicate 3 SUM149 verteporfin



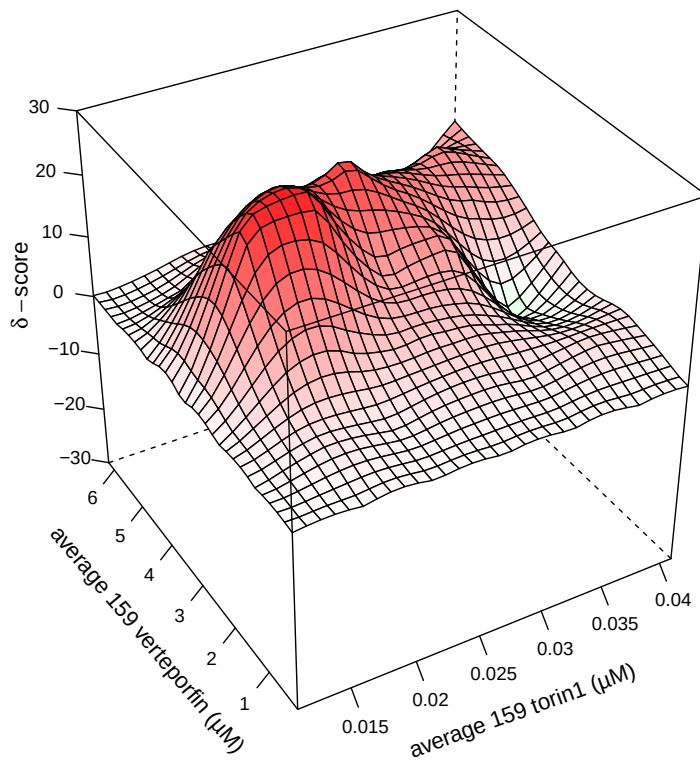
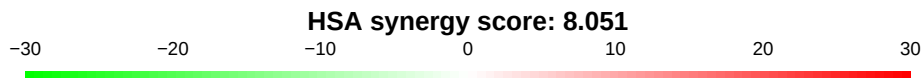
Dose-response matrix (inhibition)



Dose-response curve for drug: Replicate 3 SUM149 torin1

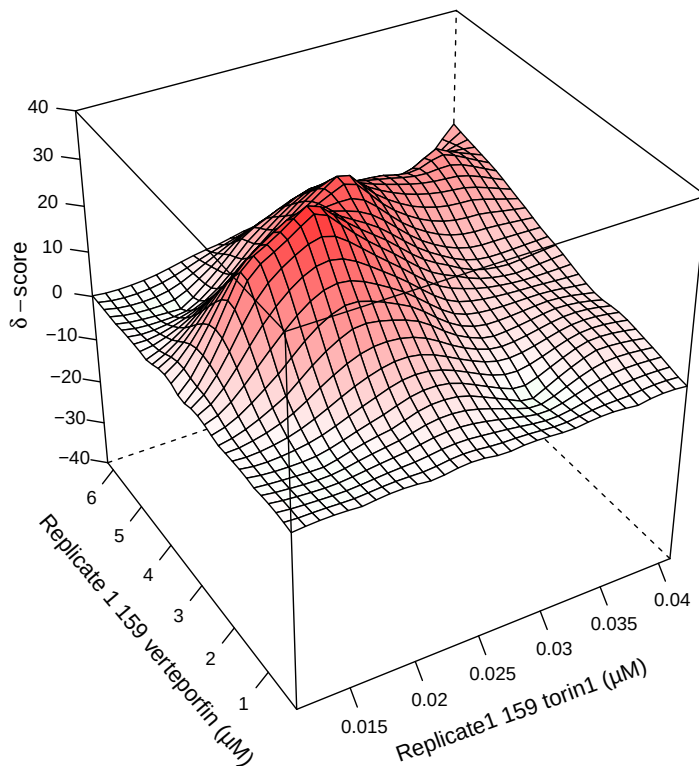


average 159 torin1 (μM) & average 159 verteporfin (μM)

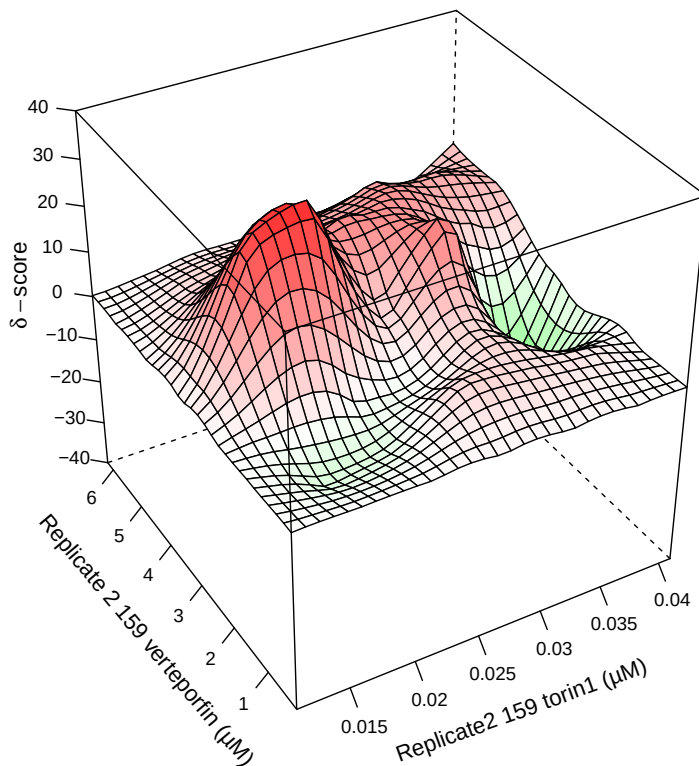
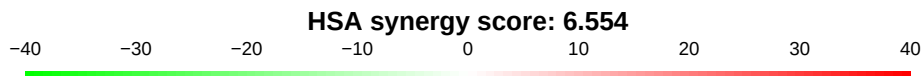


Replicate1 159 torin1 (μM) & Replicate 1 159 verteporfin (μM)

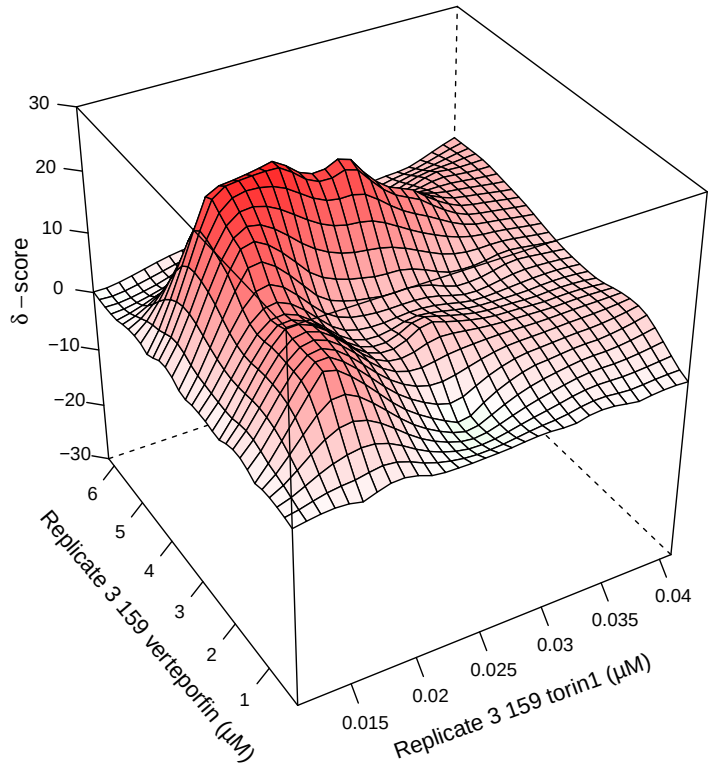
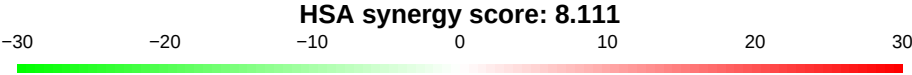
HSA synergy score: 9.386



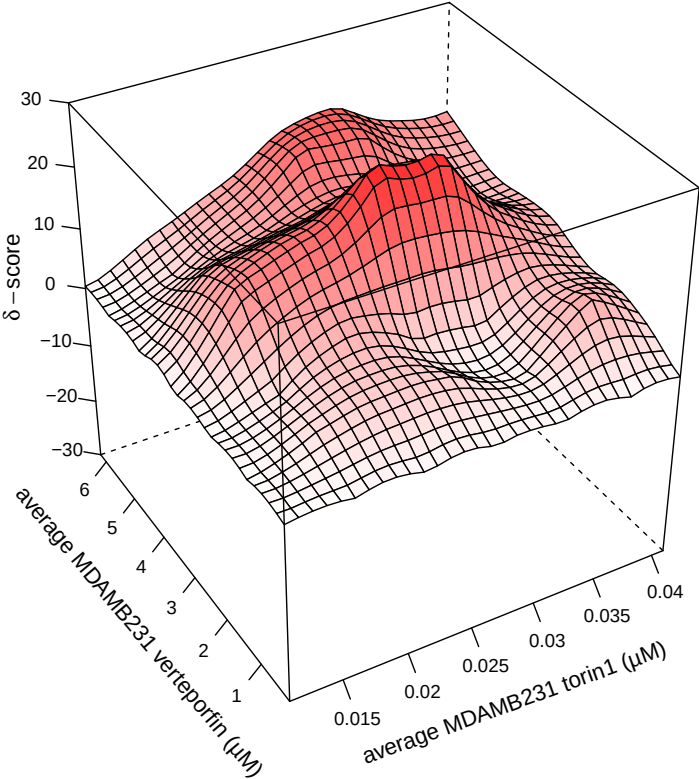
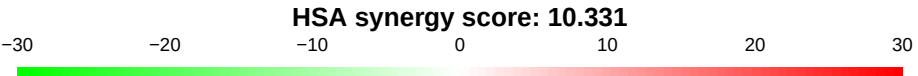
Replicate2 159 torin1 (μM) & Replicate 2 159 verteporfin (μM)



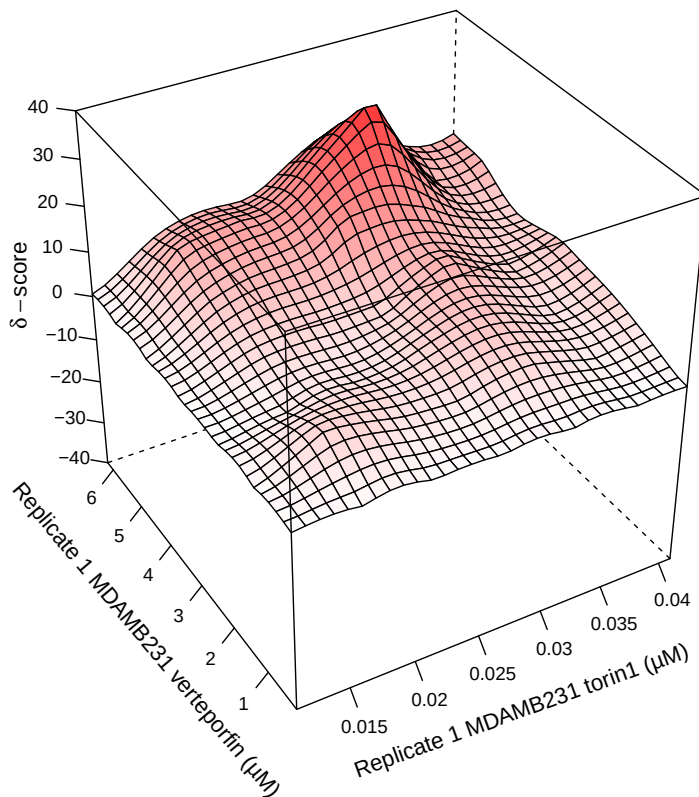
Replicate 3 159 torin1 (μM) & Replicate 3 159 verteporfin (μM)



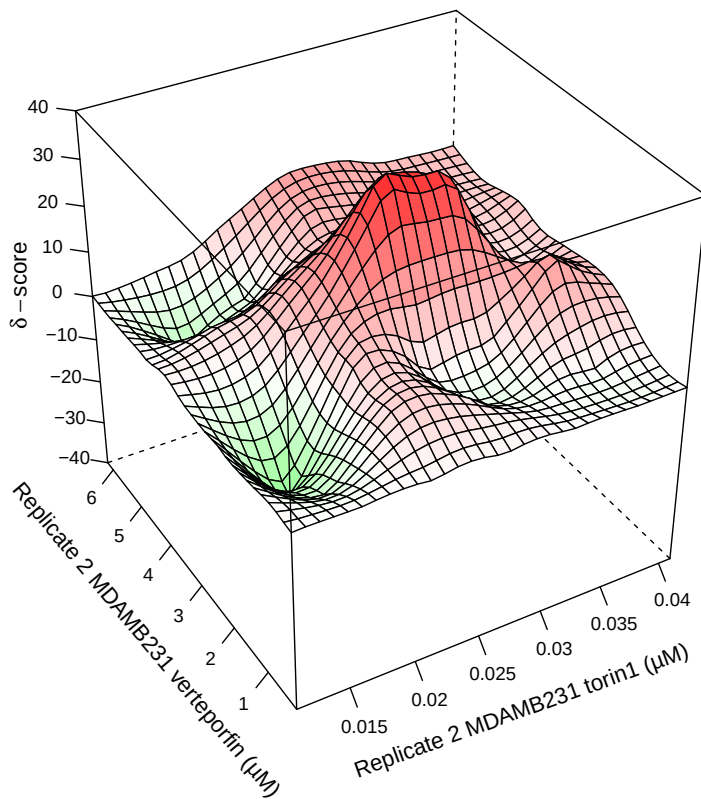
average MDAMB231 torin1 (μM) & average MDAMB231 verteporfin (μM)



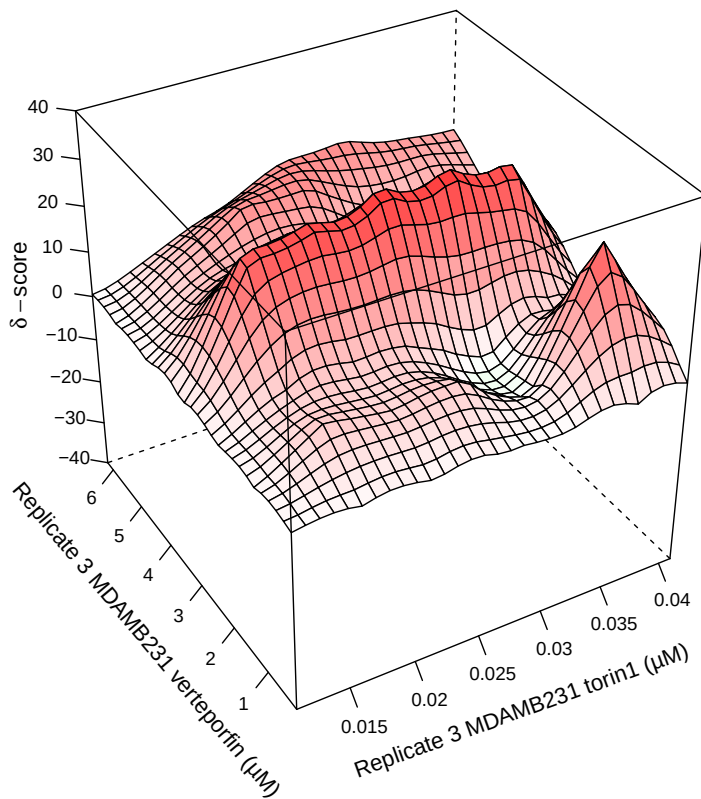
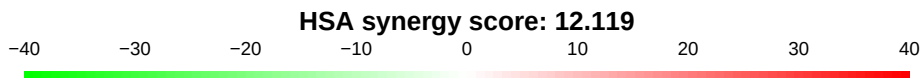
Replicate 1 MDAMB231 torin1 (μM) & Replicate 1 MDAMB231 verteporfin (μM)



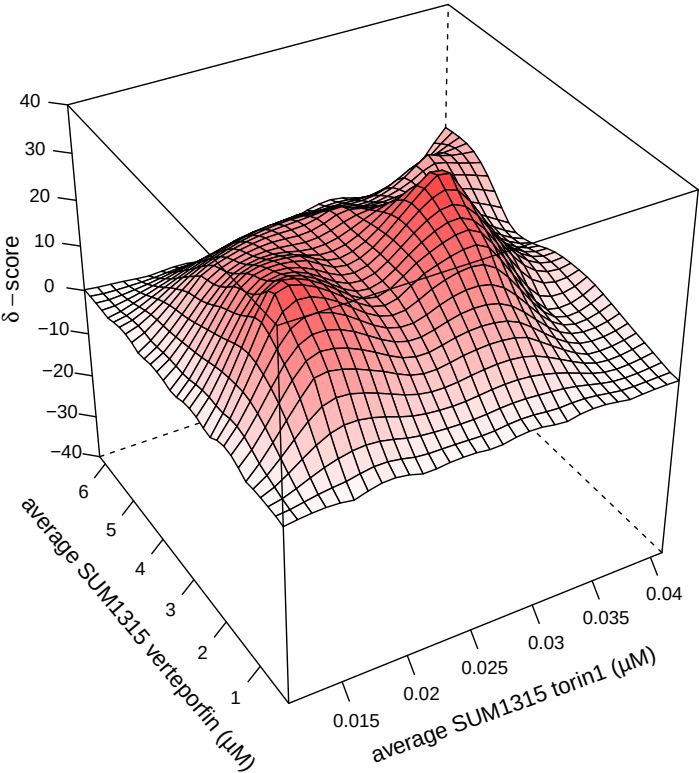
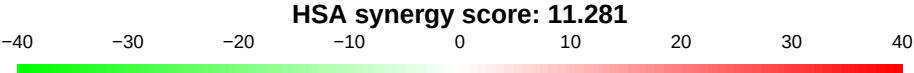
Replicate 2 MDAMB231 torin1 (μM) & Replicate 2 MDAMB231 verteporfin (μM)



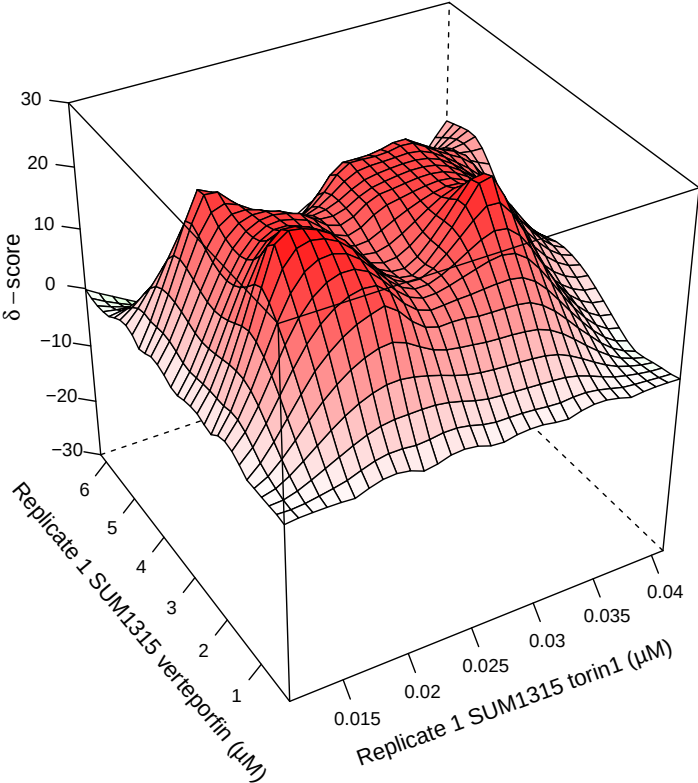
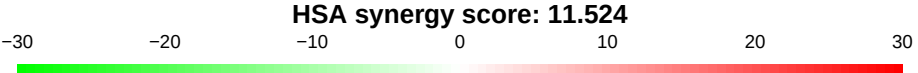
Replicate 3 MDAMB231 torin1 (μM) & Replicate 3 MDAMB231 verteporfin (μM)



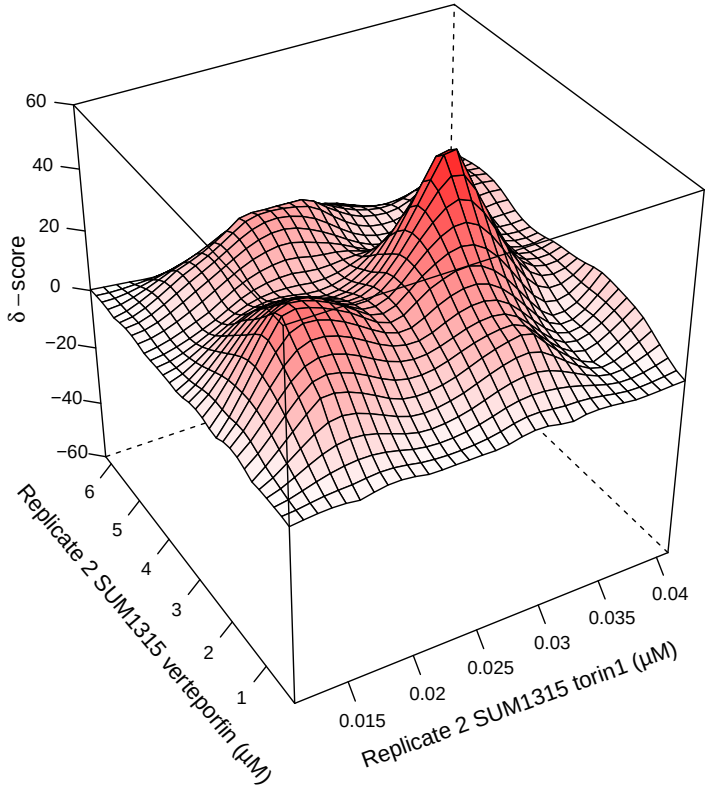
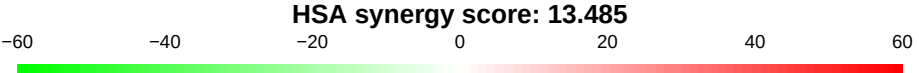
average SUM1315 torin1 (μM) & average SUM1315 verteporfin (μM)



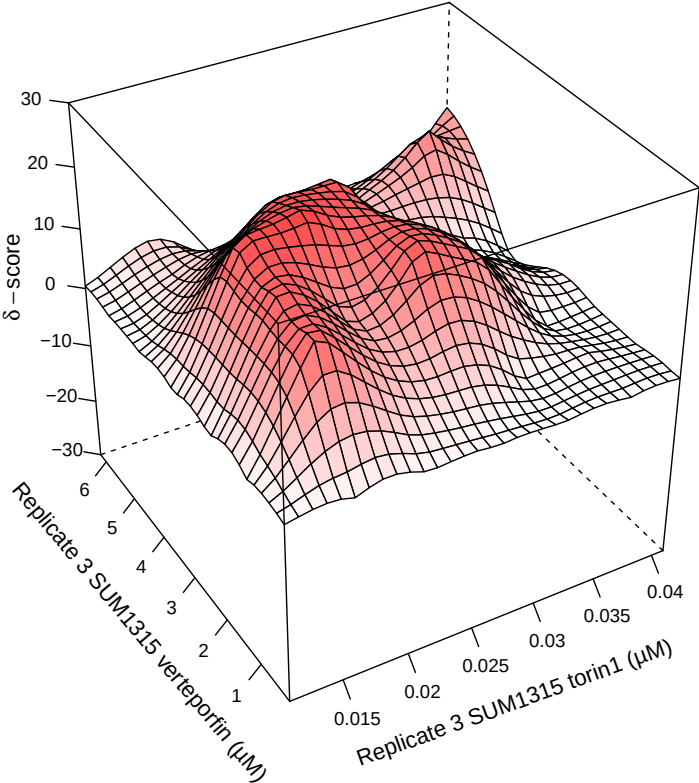
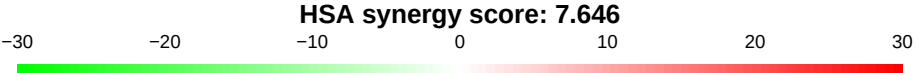
Replicate 1 SUM1315 torin1 (μM) & Replicate 1 SUM1315 verteporfin (μM)



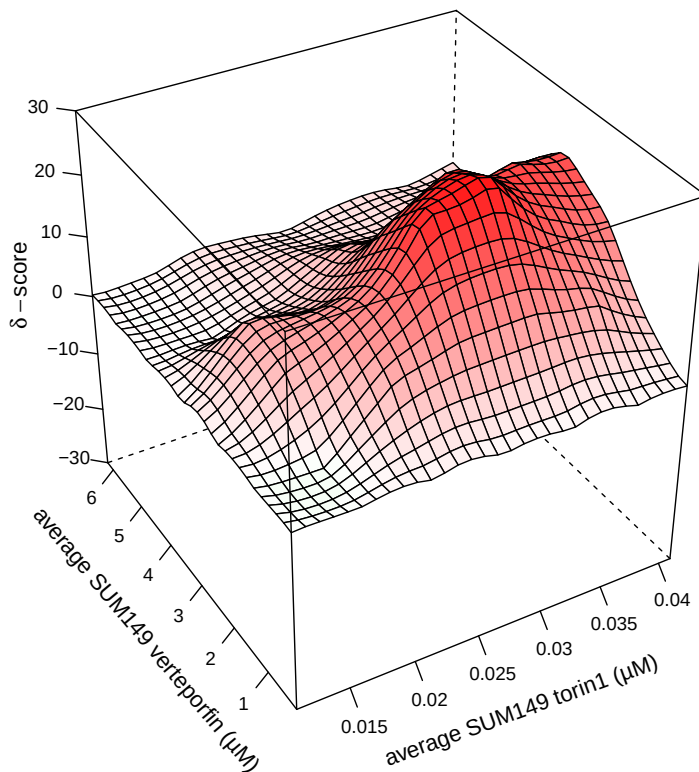
Replicate 2 SUM1315 torin1 (μM) & Replicate 2 SUM1315 verteporfin (μM)



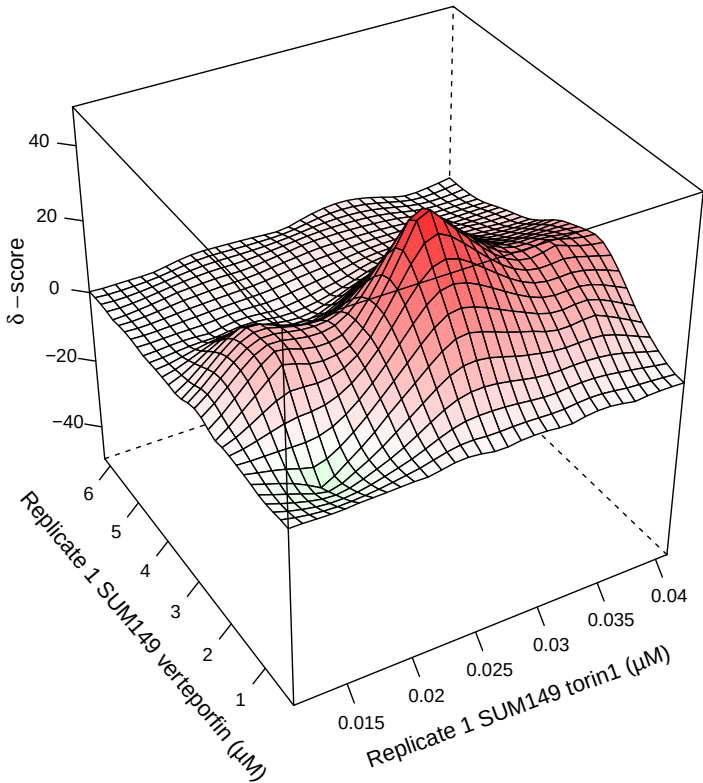
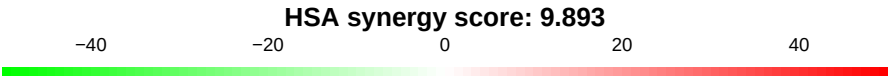
Replicate 3 SUM1315 torin1 (μM) & Replicate 3 SUM1315 verteporfin (μM)



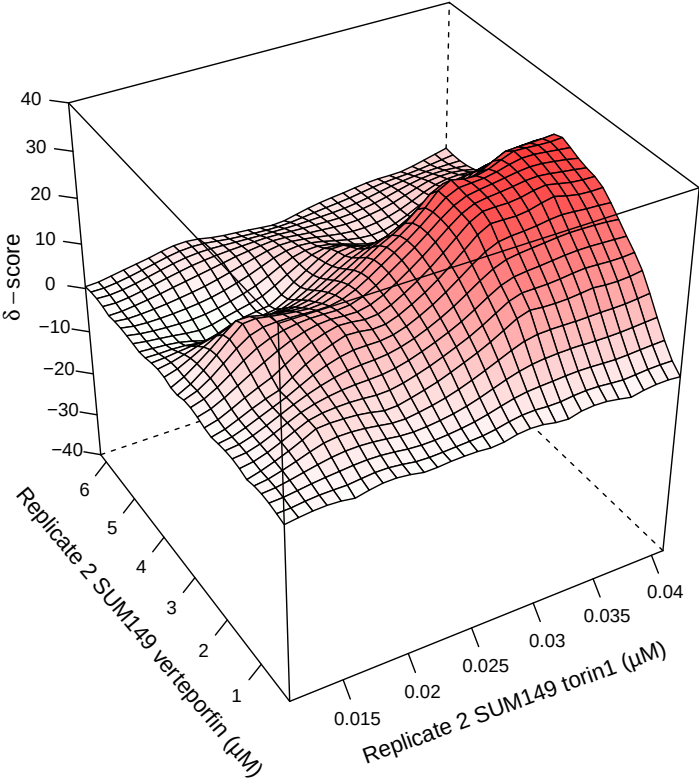
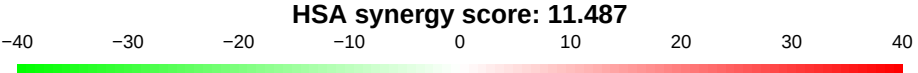
average SUM149 torin1 (μM) & average SUM149 verteporfin (μM)



Replicate 1 SUM149 torin1 (μM) & Replicate 1 SUM149 verteporfin (μM)



Replicate 2 SUM149 torin1 (μM) & Replicate 2 SUM149 verteporfin (μM)



Replicate 3 SUM149 torin1 (μM) & Replicate 3 SUM149 verteporfin (μM)

