

Name	Drugs	Targets (drug 1/drug2)	Size (edges/no des)	# sites P	Scores (pop. avg) Drug1 Drug2	Scores (best model) Drug1 Drug2
AKTi1	AKTi1	AKT1, AKT2	2731/734	123		
AKTi2	AKTi2	AKT1, AKT2, AKT3	4352/1021	71		
AKTi <sub>a</sub>	AKTi1/AKTi2	AKT1, AKT2/AKT1, AKT2, AKT3	4915/1093	123/71 (61 common)	9.9, 11.5, 12.5 5.5, 5.6, 6.1	-3.6, -2.0, -2.3 3.5, -4.0, -2.8
AKTi <sub>b</sub>	AKTi1/AKTi2	AKT1, AKT2	2792/741	123/71 (61 common)	6.5, 6.2, 9.0 3.0, 3.1, 4.7	8.0, -7.2, -5.2 6.1, -5.8, -5.7
MEKi1	MEKi1	MP2K1, MP2K2	1432/463	10		
MEKi2	MEKi2	MP2K1, MP2K2	1313/426	8		
MEKi	MEKi1/MEKi2	MP2K1, MP2K2	1506/484	10/8 (4 common)		
CAMKi1	CAMKi1	KCC2A, KCC2B, KCC2G	2349/661	35		
CAMKi2	CAMKi2	KCC2A, KCC2B, KCC2G	2012/612	24		
CAMiK	CAMKi1/CAMKi2	KCC2A, KCC2B, KCC2G	2720/751	35/24 (13 common)		
EGFRi1 <sub>a</sub>	EGFRi1	EGFR	684/294	22	0.82, 0.96, 0.81	-1.43, -1.57, -1.54
EGFRi1 <sub>b</sub>	EGFRi1	EGFR, ERBB2	778/332	22	0.70, 0.58, 0.62	-1.50, -1.38, -1.42
EGFRi2	EGFRi2	EGFR	536/251	13		
EGFRi <sub>a</sub>	EGFRi1/EGFRi2	EGFR	742/304	22/13 (6 common)	0.70, 0.69, 0.66 0.50, 0.57, 0.60	-1.59, -1.51, -1.68 -1.68, -1.73, -1.76
EGFRi <sub>b</sub>	EGFRi1/EGFRi2	EGFR, ERBB2/EGFR	836/342	22/13 (6 common)	0.61, 0.55, 0.60 0.85, 0.64, 0.74	-1.52, -1.59, -1.27 -1.59, -1.75, -1.69
ERKi1 <sub>a</sub>	ERKi1	MK01	539/230	20	0.58, 0.78, 0.65	-0.42, -0.42, -0.46
ERKi1 <sub>b</sub>	ERKi1	MK01, MK03	2020/564	20	0.49, 0.53, 0.52	-0.36, -0.36, -0.41
ERKi1 <sub>c</sub>	ERKi1	MK01, MK03, MK14	2255/627	20	0.42, 0.45, 0.32	-0.42, -0.46, -0.40
ERKi2 <sub>a</sub>	ERKi2	MK01	721/330	21	0.72, 0.79, 0.82	-0.87, -0.84, -0.85
ERKi2 <sub>b</sub>	ERKi2	MK01, MK03	2534/703	21	0.64, 0.51, 0.93	-0.51, -0.65, -0.76
ERKi2 <sub>c</sub>	ERKi2	MK01, MK03, MK14	2891/776	21	0.93, 0.40, 0.67	-0.52, -0.80, -0.57
ERKi2 <sub>d</sub>	ERKi2	MK03	972/383	21	0.24, 0.27, 0.22	-0.91, -0.83, -0.94
ERKi <sub>a</sub>	ERKi1/ERKi2	MK01	886/346	20/21 (4 common)	1.09, 0.96, 0.70 0.95, 0.87, 0.60	-0.15, 0.038, 0.0078 -0.52, -0.77, -0.77
ERKi <sub>b</sub>	ERKi1/ERKi2	MK01/MK01, MK03	2700/719	20/21 (4 common)	0.75, 0.77, 0.98 0.83, 0.86, 0.43	0.37, 0.25, -0.0047 -0.45, -0.56, -0.66
ERKi <sub>c</sub>	ERKi1/ERKi2	MK01/MK01, MK03, MK14	3062/792	20/21 (4 common)	0.91, 0.84, 0.85 0.78, 0.86, 0.97	0.44, 0.28, 0.18 -0.42, -0.39, -0.55
ERKi <sub>d</sub>	ERKi1/ERKi2	MK01, MK03, MK14/MK03	3062/792	20/21 (4 common)	0.54, 0.44, 0.53 0.72, 0.43, 0.64	-0.069, 0.046, -0.17 -0.35, -0.46, -0.50
MTORi1	MTORi1	MTOR	840/309	30		
MTORi2	MTORi2	MTOR	1002/361	30		
MTORi	MTORi1/MTORi2	MTOR	1028/365	30/30 (26 common)		
PI3Ki1 <sub>a</sub>	PI3Ki1	PK3CA, PK3CD, MTOR	3713/948	34	1.94, 1.58, 1.64	-2.04, -1.92, -2.31
PI3Ki1 <sub>b</sub>	PI3Ki1	PK3CA, PK3CD, MTOR, AKT1	3713/948	34	0.85, 0.86, 0.92	-2.45, -2.18, -2.27
PI3Ki2 <sub>a</sub>	PI3Ki2	PK3CA, PK3CD	3556/960	40	4.35, 4.34, 4.65	-2.68, -2.85, -2.71
PI3Ki2 <sub>b</sub>	PI3Ki2	PK3CA, PK3CD, AKT1	3570/952	40	1.93, 1.01, 1.30	-2.18, -3.38, -3.05
PI3Ki2 <sub>c</sub>	PI3Ki2	PK3CA, PK3CD, MTOR	3566/952	40	2.19, 1.77, 2.34	-2.50, -2.25, -2.57

PI3Kia	PI3Ki1/PI3Ki2	PK3CA-D,MTOR/PK3CA-D	3952/1001	34/40 (29 common)	1.83, 1.75, 1.89 4.18, 4.10, 4.19	1.81, -1.85, -2.11 -1.81, -1.91, -2.26
PI3Kib	PI3Ki1/PI3Ki2	PK3CA-D,MTOR,AKT1/PK3CA-D,AKT1	3952/1001	34/40 (29 common)	0.89, 1.38, 0.78 1.28, 1.68, 1.17	-2.27, -2.11, -2.43 -2.39, -1.90, -2.32
P70S6Ki1a	P70S6Ki1	KS6B1	853/364	26	1.57, 1.22, 1.23	-2.00, -1.86, -2.13
P70S6Ki1b	P70S6Ki1	KS6B1, KS6B2	2292/709	26	0.95, 1.10, 2.33	-1.85, -1.73, -1.38
P70S6Ki2	P70S6Ki2	KS6B1	951/362	34		
P70S6Kia	P70S6Ki1/P70S6Ki2	KS6B1	1133/425	26/34 (16 common)	0.94, 2.26, 1.66 0.66, 1.44, 1.134	-1.99 -1.25, -1.66 -0.83, -0.21, -0.41
P70S6Kib		KS6B1, KS6B2 / KS6B1	2809/787	26/34 (16 common)	1.08, 0.96, 1.43 1.28, 0.93, 1.35	-1.48, -1.63, -1.61 -0.67, -0.69, -0.67
PKCi1a	PKCi1	KPCA, KPCB	2216/689	26	0.57, 0.58, 0.45	-0.51, -0.51, -0.57
PKCi1b	PKCi1	KPCA, KPCB, KPCG, KPCE	2791/805	26	0.50, 0.60 0.47	-0.38, -0.61, -0.48
PKCi2a	PKCi2	KPCA, KPCB, KPCG, KPCE	2088/662	12	0.18, 0.29, 0.17	-0.41, -0.42, -0.41
PKCi2b	PKCi2	KPCA-B-G-E-T,GSK3B	2270/687	12	0.33, 0.21, 0.14	-0.37,4 -0.43, -0.44
PKCia	PKCi1/PKCi2	KPCA-B/KPCA-B-G-E	3119/869	26/12 (2 common)	0.70, 0.54, 0.45 0.48, 0.35, 0.25	-0.50 -0.27, -0.62 0.11, -0.084, -0.037
PKCib	PKCi1/PKCi2	KPCA-B-G-E/KPCA-B-G-E-T,GSK3B	3264/877	26/12 (2 common)	0.42, 0.42, 0.43 0.46, 0.38, 0.41	-0.30, -0.39, -0.45 0.010, -0.029, -0.12
ROCKi1a	ROCKi1	ROCK1	1063/419	24	1.09, 0.94, 0.96	-0.62, -0.57, -0.62
ROCKi1b	ROCKi1	ROCK1, KAPCA, KAPCB, KAPCG	1868/572	24	0.32, 0.27, 0.59	-0.90, -0.90, -0.68
ROCKi2a	ROCKi2	ROCK1	874/374	10	0.37, 0.37, 0.39	-0.51, -0.50, -0.50
ROCKi2b	ROCKi2	ROCK1, KPCE	1850/575	10	0.24, 0.095, -0.034	-0.50, -0.49, -0.51
ROCKia	ROCKi1/ROCKi2	ROCK1	1094/421	24/10 (7 common)	0.96, 0.97, 1.02 0.41, 0.43, 0.46	-0.57, -0.60, -0.16 -0.095, -0.079, -0.34
ROCKib	ROCKi1/ROCKi2	ROCK1,KAPCB- A-G/ROCK1,KPCE	2621/719	24/10 (7 common)	0.47, 0.51, 0.68 0.16, 0.23, 0.28	-0.61, -0.61, -0.64 0.38, -0.47, -0.27