

Supplementary Table - Linear correlation measures of drugs with PRO and INV values of CCLs

DRUG	TARGET	PROr - AA(norm) - Pearson's r	INVR - AA(norm) - Pearson's r	PROr- RANK	INVR - RANK	RANK- SUM
AZD0530	SRC	-0.488	0.401	1	1	2
PF2341066	c-MET	-0.390	0.307	2	3	5
17-AAG	HSP90	-0.274	0.327	4	2	6
TAE684	ALK	-0.335	0.259	3	4	7
LBW242	XIAP	-0.130	0.200	7	5	12
Topotecan	TOP1	-0.203	0.092	6	7	13
Lapatinib	EGFR	-0.130	0.099	8	6	14
Irinotecan	TOP1	-0.258	0.069	5	9	14
Nilotinib	ABL	-0.093	0.078	11	8	19
ZD-6474	EGFR	-0.111	0.048	10	12	22
Paclitaxel	TUBB1	-0.125	0.044	9	13	22
PHA-665752	c-MET	-0.044	0.063	13	10	23
PD-0332991	CDK4	0.012	0.055	15	11	26
TKI258	FGFR	-0.082	0.017	12	14	26
Erlotinib	EGFR	-0.044	-0.052	14	17	31
L-685458	GS	0.037	0.011	17	15	32
AEW541	IGF1R	0.027	-0.105	16	18	34
Nutlin-3	MDM2	0.135	0.010	19	16	35
RAF265	RAF	0.210	-0.178	20	19	39
Panobinostat	HDAC	0.094	-0.288	18	21	39
PLX4720	RAF	0.303	-0.256	22	20	42
Sorafenib	RTK	0.268	-0.394	21	22	43
PD0325901	MEK	0.535	-0.429	24	23	47
AZD6244	MEK	0.526	-0.445	23	24	47