

Table S5. Rank order of cell lines depending on gefitinib IC50 (n=45)

				IC50s ZD1839 (Iressa)			Rank Order
Cell Line		Histologic subtype	Mutation	Assays	Average	SD	
PC	9	AD	mEGFR	4	0.0309	0.0016	1
H	2073	AD	WT	4	0.0315	0.0012	2
HCC	827	AD	mEGFR	16	0.04	0.028	3
HCC	2279	AD	mEGFR	6	0.0479	0.0066	4
H	3255	AD	mEGFR	4	0.089	0.063	5
HCC	2935	AD	mEGFR	4	0.11	0.056	6
HCC	4006	AD	mEGFR	7	0.23	0.19	7
HCC	4011	AD	mEGFR	8	0.6		8
Calu	3	AD	WT	4	0.78	0.36	9
H	820	AD	mEGFR	6	3	2.2	10
H	2170	SQ	WT	4	3.2	1.6	11
H	1650	AD	mEGFR	8	11.7	4.6	12
H	1573	AD	WT	4	11.9	3.2	13
H	358	AD	mKRAS	4	12.5	1.8	14
HCC	461	AD	mKRAS	4	13.9	5.3	15
H	441	AD	mKRAS	4	15.7	1.9	16
H	460	LC	mPIK3CA	4	16.9	2	17
H	1993	AD	WT	4	17.9	7.3	18
H	2087	AD	mBRAF	3	18.4	4.9	19
H	1781	BA	mHER2	6	19	16	20
H	1819	AD	WT	4	19	2.8	21
H	2882	NS	WT	4	19.2	7.5	22
HCC	193	AD	WT	4	21.1	9.9	23
H	2126	LCC	WT	4	21.4	4.1	24
HCC	95	SQ	WT	4	24	17	25
H	1975	AD	mEGFR	4	25	8.1	26
H	1299	LC	WT	8	26.4	4.2	27
HCC	1195	MIXED	WT	4	27.6	6.7	28
HCC	366	AD	WT	9	30	31	29
H	2009	AD	mKRAS	6	33.2	8.7	30
H	2122	AD	mKRAS	4	35	16	31
H	1648	AD	WT	4	36.7	8.5	32
HCC	15	SQ	mHER4	4	52	19	33
HCC	44	AD	mKRAS	4	57.8	9.4	34
H	2347	AD	WT	4	60	43	35
H	1395	AD	mBRAF	3	71	18	36
HCC	78	AD	WT	4	81	8.4	37
H	2887	AD	mKRAS	4	110	100	38
H	157	SQ	mKRAS	4	115	18	39
H	322	AD	WT	6	120	45	40
HCC	515	AD	mKRAS	7	120	120	41
HCC	1171	AD	mKRAS	4	127	26	42
H	1666	BA	mBRAF	4	180	150	43
H	1155	LCC	mKRAS	3	183	58	44
H	1355	AD	mKRAS	4	325	24	45

m-	mutation
AD	Adenocarcinoma
LC	Large Cell Carcinoma
SQ	Squamous Cell Carcinoma
ADSQ	Adenosquamous Carcinoma
NS	Not specific