

Supplementary Table S1: Comparison of 17-AAG and ganetespib efficacy in NSCLC cell lines

Cell Line	EGFR	ERBB2	KRAS	Others	Erlotinib-Gefitinib	17-AAG IC ₅₀ *	ganetespib IC ₅₀ *
H3255	L858R	Wild-type	Wild-type		Sensitive	58	22
HCC827	Del E746_A750	Wild-type	Wild-type		Sensitive	18	7
PC9	Del E746_A750	Wild-type	Wild-type		Sensitive	7	2
HCC4006	Del L747_E749, A750P	Wild-type	Wild-type		Sensitive	25	12
HCC2279	Del E746_A750	Wild-type	Wild-type		Resistant**	>10000	31
NCI-H1975	L858R/T790M	Wild-type	Wild-type		Resistant	75	< 1
NCI-H820	Del E746_L751, Ins I/T790M	Wild-type	Wild-type		Resistant	34	3
DFCI-LU011	Del L747_E749, A750P	Wild-type	Wild-type		Resistant	111	2
NCI-H1650	Del E746_A750	Wild-type	Wild-type		Resistant	7	7
NCI-H1781	Wild-type	G776insV_G/C	Wild-type		Resistant	22	2
NCI-H1734	Wild-type	Wild-type	G13C		Resistant	96	12
A549	Wild-type	Wild-type	G12S		Resistant	75	22
NCI-H460	Wild-type	Wild-type	Q61H		Resistant	77	14
NCI-H358	Wild-type	Wild-type	G12C		Resistant**	3	1
A427	Wild-type	Wild-type	G12D		Resistant	4	< 1
NCI-H441	Wild-type	Wild-type	G12V		Resistant	111	26
NCI-H1299	Wild-type	Wild-type	Wild-type	NRAS (Q61K)	Resistant	36	6
NCI-H1666	Wild-type	Wild-type	Wild-type	BRAF (G466V)	Medium	27	6
NCI-H1819	Wild-type	Wild-type (Amp)	Wild-type	PIK3CA	Resistant	749	7
NCI-H1703	Wild-type	Wild-type	Wild-type	PDGFRA (Amp)	Resistant	3	3
NCI-H596	Wild-type	Wild-type	Wild-type	RB Null	Resistant	3,500	7
NCI-H522	Wild-type	Wild-type	Wild-type		Resistant	7	6
HCC1833	Wild-type	Wild-type	Wild-type		Resistant	4	< 1
Calu-3	Wild-type (Amp)	Wild-type (Amp)	Wild-type		Resistant**	16	9

* Units: nmol/L **Results vary among reports.