

Table S3. YM155 concentrations that reduce the viability of neuroblastoma cell lines with varying p53 status by 50% (IC₅₀, mean ± S.D., n = 3) as indicated by MTT assay after 120h of incubation.

Cell line	p53 status	YM155 IC ₅₀ (nM)
UKF-NB-3	wild-type	0.49 ± 0.10
UKF-NB-3 ^r Nutlin ^{10μM}	G245C (homo) ¹	1.18 ± 0.07 (2.4) ²
UKF-NB-3clone1	wild-type	0.35 ± 0.07
UKF-NB-3clone1 ^r Nutlin ^{10μM} I	stop codon in exon 4	0.40 ± 0.12 (1.1)
UKF-NB-3clone1 ^r Nutlin ^{10μM} III	R248W (het)	0.60 ± 0.08 (1.7)
UKF-NB-3clone1 ^r Nutlin ^{10μM} IV	V173L (het)	0.45 ± 0.06 (1.3)
UKF-NB-3clone1 ^r Nutlin ^{10μM} VI	R196Q (het)	0.55 ± 0.17 (1.6)
UKF-NB-3clone1 ^r Nutlin ^{10μM} VIII	Y236C (het)	0.50 ± 0.14 (1.4)
UKF-NB-3clone1 ^r Nutlin ^{10μM} X	P151R (het)	0.73 ± 0.08 (2.1)
UKF-NB-3clone3	wild-type	0.45 ± 0.06
UKF-NB-3clone3 ^r Nutlin ^{10μM} I	P152L (het)	1.50 ± 0.06 (3.3)
UKF-NB-3clone3 ^r Nutlin ^{10μM} VIII	N239S (het)	0.50 ± 0.08 (1.1)
UKF-NB-3clone3 ^r Nutlin ^{10μM} IX	R280S (het)	1.03 ± 0.03 (2.3)
UKF-NB-3clone3 ^r Nutlin ^{10μM} X	I251F (het)	0.58 ± 0.09 (1.3)
UKF-NB-6	wild-type	0.65 ± 0.09
UKF-NB-6 ^r Nutlin ^{10μM}	K132N (het); P223L (hom)	0.64 ± 0.04 (1.0)
UKF-NB-6 ^r Nutlin ^{10μM} I	S241F (hom)	0.57 ± 0.01 (0.9)
UKF-NB-6 ^r Nutlin ^{10μM} IV	C135F (het); D281Y (het)	0.43 ± 0.04 (0.7)

¹ homo = homozygous, het = heterozygous

² fold change YM155 IC₅₀ nutlin-3-resistant sub-line/ YM155 IC₅₀ respective parental cell line