

Cloning efficiencies and radiosensitivity parameters^a of tumor cells treated with AZD6244 and/or NVP-BEZ235.

Cell line	Treatment	PE (%)	SF2	D10 (Gy)	IF SF2	IF D10
SNB19	<i>Control</i>	53.7 ± 9	0.81 ± 0.10	9.84 ± 0.89	1.00	1.00
	<i>AZD6244</i>	57.2 ± 11	0.64 ± 0.06	8.24 ± 0.48	1.27	1.20
	<i>NVP-BEZ235</i>	53.2 ± 10	0.62 ± 0.07	7.38 ± 0.39	1.31	1.33
	<i>AZD6244 + NVP-BEZ235</i>	51.8 ± 5	0.63 ± 0.07	7.86 ± 0.88	1.27	1.25
A549	<i>Control</i>	73.2 ± 7	0.80 ± 0.05	9.81 ± 0.68	1.00	1.00
	<i>AZD6244</i>	78.9 ± 12	0.66 ± 0.05	8.87 ± 0.58	1.21	1.11
	<i>NVP-BEZ235</i>	72.3 ± 9	0.66 ± 0.07	7.15 ± 0.87	1.21	1.37
	<i>AZD6244 + NVP-BEZ235</i>	73.7 ± 10	0.65 ± 0.07	7.06 ± 0.60	1.23	1.39

Abbreviations: ^a Means (± SD) from at least four independent experiments; PE – Plating efficiency at 0 Gy; SF2 – Surviving fraction at 2 Gy; D10 – Radiation dose required to yield 10% survival; IF SF2 – Inhibitory factor for SF2 = SF2 Control/SF2 Inhibitor; IF D10 – Inhibitory factor for D10 = D10 Control/D10 Inhibitor