

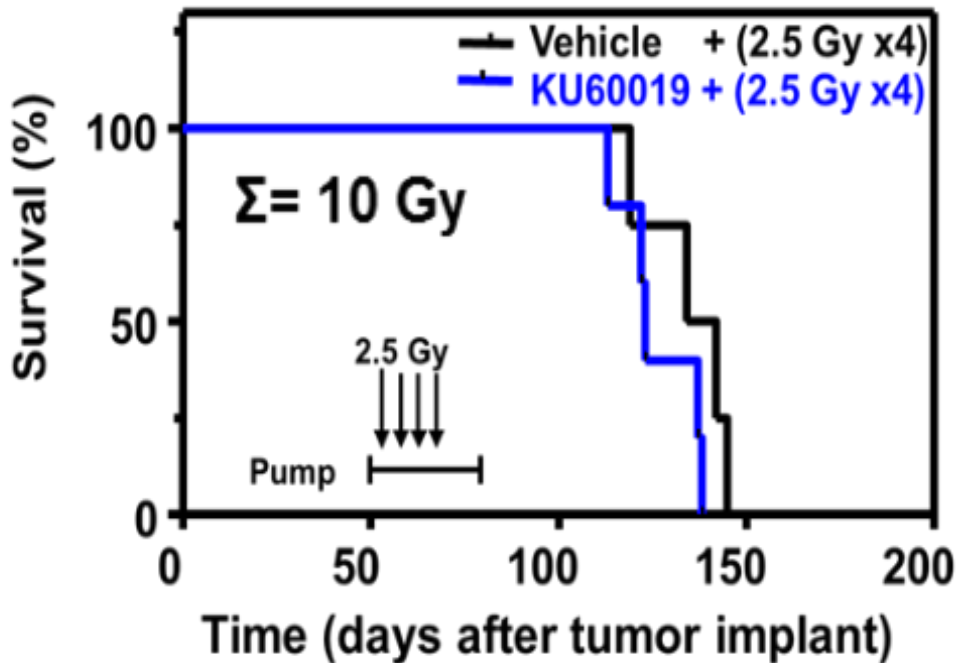
Faithful animal modelling of human glioma by using primary initiating cells and its implications for radiosensitization therapy

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Supplementary Information

wildtype AA sequence	MEEPQSDPSV	EPPLSQETFS	DLWKLLPENN	VLSPLPSQAM	DDLMLSPDDI	EQWFTEDPGP
	DEAPRMPEAA	PPVAPAPAAP	TPAAPAPAPS	WPLSSSVPSQ	KTYQGSYGFR	LGFLHSGTAK
	SVTCTYSPAL	NKMFCQLAKT	CPVQLWDST	PPPGTRVRAM	AIYKQSQHMT	EVVRRCPHHE
	RCSDSDGLAP	PQHLIRVEGN	LRVEYLDDRN	TFRHSVVVPY	EPPEVGS DCT	TIHYNMNCNS
	SCMGGMNRPP	ILTIITLED S	SGNLLGRNSF	EVRVCACPGR	DRRTEENLR	KKGEPHHELP
	PGSTKRALPN	NTSSSPQPKK	KPLDGEYFTL	QIRGRERFEM	FRELNEALEL	KDAQAGKEPG
	GSRAHSSHLK	SKKGQSTSRH	KKLMFKTEGP	DSD*		
mutated AA sequence	MEEPQSDPSV	EPPLSQETFS	DLWKLLPENN	VLSPLPSQAM	DDLMLSPDDI	EQWFTEDPGP
	DEAPRMPEAA	PPVAPAPAAP	TPAAPAPAPS	WPLSSSVPSQ	KTYQGSYGFR	LGFLHSGTAK
	SVTCTYSPAL	NKMFCQLAKT	CPVQLWDST	PPPGTRVRAM	AIYKQSQHMT	EVVRRCPHHE
	RCSDSDGLAP	PQHLIRVEGN	LRVEYLDDRN	TFRHSVVVPY	EPPEVGS DCT	TIHYNMNCNS
	SCMGGMNRPP	ILTIITLED S	SGNLLGRNSF	EVR	CLCLSWE	RPAHRGRESP
	PREH*					QERGASPRAA

Supplementary Figure 1. The TP53 mutation in 239/12 pediatric tumor. Reference sequence NM000546



Supplementary Figure 2. Lack of survival improvement in NOD-SCID mice bearing orthotopic adult COMI GB after treatment with KU60019 + 10 Gy IR. At d50 of tumor development, animals were implanted with an Alzet osmotic pump loaded with 10,000 μ M KU60019 dissolved in 10% ethanol (blue) or vehicle (black) followed at d56, 59, 63 and 66 by irradiation with 2.5 Gy (total dose delivered: 10 Gy), as previously described ¹². No significant difference in overall survival was observed between the two animal groups.