

Supplementary Table S1. D-2HG in glioma samples

Genotype, (het. Unless otherwise specified)	Diagnosis	Group	2HG (mg/g) ^a
IDH1-R132H, heterozygous	GBM	GBM-IDH	64
IDH1-R132H, heterozygous	GBM	GBM-IDH	51
IDH1-R132H, heterozygous	GBM	GBM-IDH	128
IDH1-R132H, heterozygous	GBM	GBM-IDH	14
IDH1-R132H, heterozygous	GBM	GBM-IDH	285
IDH1-R132H, heterozygous	GBM	GBM-IDH	86
IDH1-R132H, heterozygous	GBM	GBM-IDH	94
IDH1 R132H, homozygous	sGBM	GBM-IDH-homoz.	5.9
IDH1 R132H, homozygous	sGBM	GBM-IDH-homoz.	9.2
WT	GBM	GBM-WT	0.65
WT	GBM	GBM-WT	0.11
WT	GBM	GBM-WT	0.28
WT	GBM	GBM-WT	0.14
WT	GBM	GBM-WT	0.11
WT	GBM	GBM-WT	0.40
WT	GBM	GBM-WT	0.21
WT	GBM	GBM-WT	0.03
IDH1-R132H, heterozygous ^b	A3	LGG-IDH	43
IDH1-R132H, heterozygous ^b	A2	LGG-IDH	25
IDH1-R132H, heterozygous ^b	A3	LGG-IDH	74
IDH1-R132H, heterozygous ^b	A2	LGG-IDH	77
IDH1-R132H, heterozygous ^b	O2	LGG-IDH	22
IDH1-R132H, heterozygous ^b	A3	LGG-IDH	77
IDH2-R172K, heterozygous ^b	A2	LGG-IDH	46
IDH2-R172K, heterozygous ^b	O2	LGG-IDH	39
IDH2-R172M, heterozygous ^b	O2	LGG-IDH	136
WT ^b	A2	LGG-WT	0.13
WT ^b	A2	LGG-WT	0.08

^aD-2HG concentration in snap-frozen primary tumor tissue, normalized to protein concentration in the tissue.

^bFirst reported in (5) and provided here for reference.