

**Table S2**

Category	WHO grade	Patient	Diagnosis	Age/ Sex	1p19q	IDH1	Ki67	P53	Prior Treatment
LOW- GRADE (LG)	II	1	Oligodendroglioma (OLG)	48F	1p19q	ND	2-5%	-	No
		2		22F	Intact	ND	7%	-	No
		3		48M	1p19q	ND	5%	-	No
	II	4	Astrocytoma (AST)	38M	1p19q	ND	9%	+	No
5		47M		ND	ND	ND	ND	ND	
6		23F		ND	ND	ND	ND	ND	
II	7	Oligo-astrocytoma (OLG-AST)	25M	19q	ND	5%	-	No	
	8		30M	Intact	ND	15%	+	No	
	9		57M	1p19q	MT	6%	-	No	
II	10	Ganglioglioma (GGL)	20M	ND	ND	ND	ND	ND	
HIGH- GRADE (HG)	III	11	Anaplastic OLG	42M	1p19q	ND	2-3%	-	No
	III	12	Anaplastic AST	27M	Intact	WT	11%	+	No
		13		63F	ND	WT	11%	+	RT
	III	14	Anaplastic OLG- AST	41M	1p	ND	20-30 %	-	No
	IV	15	GBM	70M	Intact	ND	24% 60%	+	No
		16		72M	ND	WT		+	No
17		56M		ND	WT	-		No	
IV	18	GBM small cell (sc)	53M	1p19q	MT	55%	+	No	
	19		59M	Intact	WT	ND	-	ND	
IV	20	Gliosarcoma (GSC)	65M	ND	WT	50%	+	No	