

Supplementary Table S2. Clinical information and molecular status in patients with DA.

research ID	WHO 2016 diagnosis	WHO 2021 diagnosis	Sex	Age	OS (months)	OS censoring (0: censored, 1: dead)	PFS (months)	PFS censoring (0: censored, 1: rec)	EGFR (CNV)	EGFR (SNV)	CDKN2A/B	PTEN (CNV)	PTEN (SNV)	RBI (CNV)	RBI (SNV)	NF1 (CNV)	NF1 (SNV)	ATRX (CNV)	ATRX (SNV)	IDH1	PDGFRA	TERTp
186	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Female	44	7	0	7	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	p.T2034I	Intact	p.E2172G	R132H, p.D31	wt	wt
187	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	50	54	0	54	0	Intact	wt	Intact	Intact	wt	Intact	p.S503F	Intact	wt	Intact	p.K1600E	p.R132H	wt	wt
188	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	34	22	0	22	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	p.K425fs	p.R132H	wt	wt
189	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	28	37	0	37	0	Intact	wt	Intact	Hetloss	wt	Intact	wt	Intact	wt	Intact	p.K983fs	p.R132H	wt	wt
190	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	32	144	1	16	1	Intact	wt	Intact	Intact	wt	Hetloss	wt	Intact	wt	Intact	p.R1426*	p.R132H	wt	wt
191	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	53	22	0	22	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	p.R1817G	p.R132H	wt	wt
192	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	63	66	0	12	1	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	p.S112*	p.R132H	wt	wt
193	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	31	145	0	35	1	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	p.S1986fs	p.R132H	wt	wt
194	Diffuse astrocytoma, IDH-wild, grade II	GBM, IDH-wild, grade 4	Male	67	126	0	126	0	Gain	wt	Intact	Hetloss	wt	Hetloss	wt	Hetloss	p.P1084R	Intact	wt	wt	wt	c.-124C>T
195	Diffuse astrocytoma, IDH-wild, grade II	GBM, IDH-wild, grade 4	Female	88	13	1	7	1	Intact	wt	Intact	Homdel	c.367C>T	Intact	wt	Intact	p.E1582fs	Intact	wt	wt	wt	c.-124C>T
196	Diffuse astrocytoma, IDH-wild, grade II	GBM, IDH-wild, grade 4	Male	67	19	0	19	0	Intact	wt	Intact	Homdel	wt	Intact	wt	Intact	wt	Intact	wt	wt	wt	c.-124C>T
197	Diffuse astrocytoma, IDH-wild, grade II	GBM, IDH-wild, grade 4	Female	79	10	0	8	1	Amp	p.S437C	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	wt	p.R690K	c.-124C>T
198	Diffuse astrocytoma, IDH-wild, grade II	GBM, IDH-wild, grade 4	Male	82	14	0	14	0	Intact	wt	Homdel	Intact	wt	Intact	wt	Intact	wt	Intact	wt	wt	wt	c.-124C>T
199	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	30	80	0	72	1	Intact	wt	Intact	Homdel	wt	Homdel	wt	Intact	wt	Homdel	wt	p.R132H	wt	wt
200	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	31	32	0	32	0	Intact	wt	Intact	Homdel	wt	Homdel	wt	Intact	wt	Homdel	wt	p.R132H	wt	wt
201	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Female	33	0	0	0	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	p.R132C	wt	wt
202	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Female	59	0	0	0	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Homdel	wt	p.R132H	wt	wt
203	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	32	47	0	47	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	p.R132H	wt	wt
204	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Female	66	142	0	123	1	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	p.R132H	wt	wt
205	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	25	11	0	11	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	p.R132H	wt	wt
206	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	36	10	0	10	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	p.R132H	wt	wt
207	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Female	47	6	0	6	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	p.R132H	wt	wt
208	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Female	31	0	0	0	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	p.R132H	wt	wt
209	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	30	101	0	101	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	p.R132H	wt	wt
210	Diffuse astrocytoma, IDH-mut, grade II	Astrocytoma, IDH-mut, grade 2	Male	51	7	0	7	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	p.R132H	wt	wt
211	Diffuse astrocytoma, IDH-wild, grade II	NEC	Male	78	27	1	12	1	Intact	p.A289V	Intact	Homdel	wt	Homdel	wt	Intact	wt	Intact	wt	wt	wt	wt
212	Diffuse astrocytoma, IDH-wild, grade II	NEC	Male	60	10	0	10	0	Intact	wt	Intact	Intact	wt	Homdel	wt	Intact	wt	Intact	wt	wt	wt	wt
213	Diffuse astrocytoma, IDH-wild, grade II	NEC	Male	75	29	1	4	1	Intact	wt	Intact	Homdel	wt	Intact	wt	Intact	wt	Intact	wt	wt	wt	wt
214	Diffuse astrocytoma, IDH-wild, grade II	NEC	Male	42	44	0	44	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	wt	wt	wt
215	Diffuse astrocytoma, IDH-wild, grade II	NEC	Female	27	42	0	23	1	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	wt	wt	wt
216	Diffuse astrocytoma, IDH-wild, grade II	NEC	Female	1	14	0	14	0	Intact	wt	Intact	Intact	wt	Intact	wt	Intact	wt	Intact	wt	wt	wt	wt