

Supplementary Table 1: Detailed patient characteristics.

Case No.	Sex	Age (Years)	Diagnosis	Tumor Location	Chemotherapy	Radiotherapy	p53 Over-expression (%)
1	Female	1	CPP	Fourth ventricle	No	No	0
2	Male	2	CPP	Fourth ventricle	No	No	0
3	Male	4	CPP	Lateral ventricle	No	No	-*
4	Male	8	CPP	Lateral ventricle	No	No	-*
5	Female	1	CPP	Fourth ventricle	No	No	0
6	Male	1	CPP	Third ventricle	No	No	0
7	Male	3	CPP	Third ventricle	No	No	0
8	Female	18	CPP	Lateral ventricle	-*	-*	0
9	Male	59	CPP	Fourth ventricle	No	No	0
10	Female	35	CPP	Fourth ventricle	No	No	0
11	Male	34	CPP	Fourth ventricle	No	No	0
12	Female	32	CPP	Fourth ventricle	No	No	0
13	Male	55	CPP	Fourth ventricle	No	No	0
14	Female	39	CPP	Fourth ventricle	No	No	-*
15	Male	16	CPP	Fourth ventricle	Yes	No	-*
16	Male	26	CPP	Fourth ventricle	-*	-*	0
17	Male	44	CPP	Fourth ventricle	No	No	-*
18	Female	71	CPP	Fourth ventricle	-*	-*	0
19	Female	59	CPP	Fourth ventricle	-*	-*	-*
20	Female	35	CPP	Fourth ventricle	-*	-*	-*
21	Female	53	CPP	Fourth ventricle	-*	-*	0
22	Female	23	CPP	Fourth ventricle	No	No	-*
23	Male	37	CPP	Fourth ventricle	-*	-*	0
24	Female	12	CPP	Fourth ventricle	No	No	0
25	Female	12	CPP	Fourth ventricle	No	No	-*
26	Female	1	CPP	Lateral ventricle	-*	-*	0
27	Male	10	CPP	Lateral ventricle	Yes	Yes	0
28	Male	1	CPP	Lateral ventricle	Yes	No	0
29	Male	15	CPP	Lateral ventricle	No	No	0
30	Male	12	aCPP	Lateral ventricle	-*	-*	0
31	Female	0	aCPP	Lateral ventricle	-*	-*	-*
32	Male	0	aCPP	Fourth ventricle	-*	-*	-*
33	Female	9	aCPP	Fourth ventricle	-*	-*	3
34	Female	0	aCPP	Third ventricle	No	No	-*
35	Male	0	aCPP	Lateral ventricle	No	No	1
36	Male	1	aCPP	Lateral ventricle	Yes	No	0
37	Female	0	aCPP	Lateral ventricle	Yes	No	0
38	Male	1	aCPP	Lateral ventricle	No	No	0
39	Male	0	aCPP	Lateral ventricle	Yes	No	0
40	Male	46	aCPP	-*	No	Yes	-*
41	Male	20	aCPP	Fourth ventricle	-*	-*	8
42	Female	-*	aCPP	Third ventricle	-*	-*	-*
43	Female	48	aCPP	Lateral ventricle	-*	-*	1
44	Male	51	aCPP	Fourth ventricle	-*	-*	2
45	Male	70	aCPP	Fourth ventricle	-*	-*	1
46	Female	23	aCPP	Fourth ventricle	-*	-*	0
47	Female	38	aCPP	Fourth ventricle	-*	-*	2
48	Female	1	aCPP	Lateral ventricle	No	No	0

49	Male	2	aCPP	Lateral ventricle	No	No	0
50	Male	7	aCPP	Lateral ventricle	Yes	Yes	0
51	Male	1	aCPP	Lateral ventricle	-*	-*	8
52	Male	5	aCPP	Lateral ventricle	-*	-*	-*
53	Male	14	aCPP	-*	Yes	Yes	20
54	Male	1	aCPP	Lateral ventricle	-*	-*	-*
55	Female	1	aCPP	Lateral ventricle	-*	-*	1
56	Male	6	aCPP	Lateral ventricle	-*	-*	0
57	Female	0	aCPP	Lateral ventricle	-*	-*	0
58	Male	7	aCPP	Lateral ventricle	No	No	0
59	Female	0	aCPP	Lateral ventricle	No	No	0
60	Female	0	aCPP	Lateral ventricle	No	No	0
61	Male	0	aCPP	-*	Yes	No	0
62	Male	1	CPC	-*	No	No	20
63	Female	2	CPC	Lateral ventricle	Yes	-*	5
64	Female	1	CPC	Lateral ventricle	No	No	0
65	Female	1	CPC	Lateral ventricle	Yes	No	0
66	Male	5	CPC	Lateral ventricle	-*	-*	15
67	Male	0	CPC	Lateral ventricle	-*	-*	0
68	Female	0	CPC	-*	-*	-*	3
69	Male	20	CPC	-*	-*	-*	10
70	Male	2	CPC	Lateral ventricle	-*	-*	0
71	Female	2	CPC	Lateral ventricle	-*	-*	-*
72	Male	31	CPC	Lateral ventricle	Yes	No	0
73	Male	4	CPC	Lateral ventricle	-*	-*	70
74	Male	2	CPC	Lateral ventricle	-*	-*	80
75	Female	0	CPC	Lateral ventricle	Yes	Yes	0
76	Male	13	CPC	Lateral ventricle	No	No	0
77	Male	3	CPC	Lateral ventricle	Yes	Yes	0
78	Female	2	CPC	Lateral ventricle	Yes	No	0
79	Female	4	CPC	Lateral ventricle	Yes	Yes	0
80	Male	7	CPC	Lateral ventricle	Yes	Yes	0
81	Female	6	CPC	Lateral ventricle	Yes	Yes	0
82	Female	1	CPC	Lateral ventricle	-*	-*	0
83	Male	2	CPC	Lateral ventricle	Yes	No	1
84	Male	1	CPC	Lateral ventricle	Yes	Yes	2
85	Male	12	CPC	Lateral ventricle	Yes	Yes	2
86	Male	16	CPC	Lateral ventricle	Yes	Yes	5
87	Male	1	CPC	Lateral ventricle	Yes	No	7
88	Female	1	CPC	Lateral ventricle	No	No	15
89	Female	2	CPC	Lateral ventricle	Yes	No	15
90	Male	1	CPC	Lateral ventricle	Yes	No	30
91	Male	5	CPC	Lateral ventricle	Yes	Yes	70
92	Male	2	CPC	Lateral ventricle	Yes	No	80

*no data available