SUPPLEMENTARY TABLES

Supplementary Table 1. Age ranges of samples from healthy individuals, for data plotted in Figures 1, 2.

	Min	Max	Median
Blood	1	17	4.33
Saliva	3	17	4
Buccal	1	18	11
Brain	0.08	18	13

Supplementary Table 2. P-values obtained from pairwise comparisons of age acceleration using t tests with non-pooled SD.

	CTRL	RTM	ATRT	EPN	GLIOMA
RTM	1.1e-05	-	-	-	-
ATRT	1.3e-13	1.9e-05	-	-	-
EPN	<2e-16	1.5e-14	0.0032	-	-
GLIOMA	<2e-16	2.3e-06	0.2759	5.5e-12	-
MB	<2e-16	9.8e-10	0.5542	8.5e-05	0.0017

P value adjustment method: BH.

Supplementary Table 3. Number of paediatric brain tumour samples in boxplots in Figure 5.

Dataset	Sample type	Number of samples
GSE90496	ATRT TYR	30
	ATRT MYC	22
	ATRT SHH	39
Validation cohort	ATRT TYR	18
	ATRT MYC	9
	ATRT SHH	22
GSE90496	Ependymoma YAP	10
	Ependymoma PF B	11
	Ependymoma RELA	52
	Ependymoma PF A	84
Validation cohort	Ependymoma RELA	18
	Ependymoma PF A	47
GSE90496	LGG	211
	PXA	13
	K27	40
	G34	8
	GBM	23
Validation cohort	LGG	55
	PXA	9
	DIPG	38
	K27	16
	G34	9
	GBM	26
Local cohort	LGG	73
	GBM	13
GSE90496	Medulloblastoma WNT	35
	Medulloblastoma SHH	72
	Medulloblastoma G4	122

	Medulloblastoma G3	77
Validation cohort	Medulloblastoma WNT	6
	Medulloblastoma SHH	12
	Medulloblastoma G4	20
	Medulloblastoma G3	10
Local cohort	Medulloblastoma WNT	8
	Medulloblastoma SHH	6
	Medulloblastoma G4	16
	Medulloblastoma G3	9