

Supplementary Table S4: Prognosis Model including molecular data for all cases**Multivariate analysis for Overall Survival (OS) and Event-Free Survival (EFS)**

	Variables	Hazard Ratio ¹	95% CI	p-value
a. OS	Biopsy (no/yes)	1,28	(0.34-4.85)	0,72
	H3K27M mutation (no/yes)	72,78	(8.61-615.12)	0,000083
b. EFS	Biopsy (no/yes)	3,69	(1.46-9.32)	0,0058
	<i>KIAA1549-BRAF</i> fusions (no/yes)	0,83	(0.18-3.80)	0,8075
	H3K27M mutation (no/yes)	10,52	(2.76-40.05)	0,0006

¹for "yes" category