

**Supplementary Table 1: Properties of the Six-Gene Signature**

<b>Gene Symbol</b>	<b>Entrez Gene ID</b>	<b>Gene annotation</b>	<b>HR*</b>	<b>95% CI</b>	<b>P</b>
STX1A	6804	syntaxin 1A (brain)	1.6	1.3 – 2.1	< 0.001
HIF1A	3091	hypoxia-inducible factor 1 alpha	1.4	1.1 – 1.7	0.007
CCT3	7203	chaperonin containing TCP1, subunit 3	1.9	1.3 – 2.6	< 0.001
HLA-DBPB1	3115	MHC Class II, DPbeta 1	0.75	0.59 – 1.0	0.019
MAFK	7375	v-maf musculoaponeurotic fibrosarcoma oncogene homolog K (avian)	1.1	0.82 – 1.5	0.45
RNF5	6048	ring finger protein 5	1.2	0.92 – 1.6	0.18

\* HR denotes hazard ratios for death; CI denotes confidence interval. P values were determined by the log-rank test. All survival data is from the Lau et al dataset.