

Table S11. Global and individual tumor type survival Z-scores in PRECOG dataset.

	Unweighted meta-Z of all tumors	Adrenocortical cancer	Bladder cancer	Brain cancer Astrocytoma	Brain cancer Glioblastoma	Brain cancer Glioma	Brain cancer Medulloblastoma	Brain cancer Meningioma	Brain cancer Neuroblastoma	Breast cancer	Colon cancer	Gastric cancer	Germ cell tumors	Head and neck cancer	Head and neck cancer Hypopharyngeal cancer	Head and neck cancer Oesophageal cancer	Head and neck cancer Oral SCC	Hematopoietic cancer AML	Hematopoietic cancer B ALL	Hematopoietic cancer Burkitt lymphoma	Hematopoietic cancer CLL	Hematopoietic cancer DLBCL	Hematopoietic cancer FL	Hematopoietic cancer MDS	Hematopoietic cancer Multiple myeloma	Kidney cancer	Liver cancer	Liver cancer Primary	Lung cancer ADENOC	Lung cancer LOCC	Lung cancer SCLC	Melanoma	Melanoma Metastasis	Mesothelioma	Ovarian cancer	Pancreatic cancer	Prostate cancer	Sarcoma Ewing sarcoma	Osteo-	
METTL1	-0.17	0.33	2.79	0.87	2.82	1.96	1.17	1.37	0.45	3.78	-0.83	0.36	0.88	-0.78	-1.47	-	1.72	-0.46	0.56	1.79	1.42	2.17	1.96	-	1.68	-	-0.43	0.11	1.69	1.43	-0.14	-0.91	0.92	2.3	0.48	-2.88	1.76	0.6	1.35	0.89
METTL9	0.51	0.21	1.08	3.65	0.29	0.25	-	-0.21	3.91	2.18	-1.31	-0.22	1.82	0.82	-	-0.84	-0.06	3.85	2.39	-	1.99	4.65	2.16	-	0.28	-	-	1.3	-0.76	0.97	-0.27	1.29	0.15	-	-3.21	1.23	1.52	1.16	0.86	
METTL5	0.34	-0.81	0.04	-0.92	-0.56	-	0.12	5.81	0.84	0.77	1.23	1.89	2.13	-	-	0.83	2.25	0.85	1.46	-0.89	2.87	-0.3	-0.23	1.72	-	-0.32	-	4.49	0.21	1.25	-	-0.28	-0.38	-	1.03	-1.44	-0.19	0.41	0.37	
NTMT1	2.52	-0.21	0.86	3.25	-1.73	1	-	1.08	-	4.05	-1.2	0.51	-0.84	1.44	-	-	1.83	-0.86	-0.97	-	0.56	1.76	1.64	-	1.13	-	-0.27	-	4.4	0.28	1.34	-	0.77	0.85	-	-3.71	0.9	1.15	0.81	
METTL28	2.87	-	0.18	-0.28	0.52	-	-	3.11	3.71	0.26	-	-	-	-	1.17	-	-	0.87	0.82	-	-	-0.31	-2.29	-	2.03	-	0.18	-0.42	1.43	-0.22	0.35	-1.63	2.98	-	2.24	2.53	1.55	-	2.4	
METTL34	2.53	-	-1.7	-	-	-	-	4.74	-0.06	-2.51	-	-	-	-	-	-	-	0.87	0.82	-	-	-	-	-	3.99	-0.34	-	3.83	0.62	-1.14	-0.55	0.01	-	-	2.07	3	1.48	-	1.11	
EEFLAKMT	2.48	0.04	-0.86	-1.38	-1.95	-2.58	-	0.41	8.72	0.7	-1.08	1.35	1.39	0.25	-0.09	1.1	1.59	0.12	1.47	0.7	0.81	3.12	2.54	-	3.61	-	-1.15	-	0.84	0.13	0.55	-1.61	-0.79	1.89	-1.89	0.06	-0.99	0.68	-0.13	
METTL6	2.09	-1.27	-0.13	-1.06	-0.18	-	2.13	3.1	6.35	6.42	1.51	-	-0.52	-	0.03	0.55	2.75	-0.78	-	0.88	1.98	-	1.08	-	1.08	-	-0.39	-	0.85	-1.63	1.15	-0.78	0.73	1.82	-	0.78	0.28	0.97	0.19	1.16
METTL8	1.79	0.82	-1.57	-0.48	0.41	0.19	-	0.92	4.29	-0.35	-0.51	0.17	-0.92	-0.04	-	-	0.25	1.31	0.74	1.48	-0.89	4.27	1.19	-2.39	0.75	-	-0.01	-	1.59	-0.77	-1.27	-0.41	-0.79	0.82	-	0.01	-0.58	1.71	-1.47	1.84
METTL5	1.23	-	-	-	-	-	-	-	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.75	-	2.41	1.34	-	-	-	-	-	-	2.16	
TRMT44	0.81	-	-	-	-	-	-	-	0.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.88	0.88	1.89	1.12	-0.16	-	-	-	-	-	0.24	
METTL22	0.58	-	-	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.52	-0.07	1.95	0.57	-0.85	-	-	-	-	-	-0.02	
METTL27	0.52	-1.41	0.47	-	0.44	1.02	-	-0.65	1.26	0.87	1	-0.25	-	-0.71	-	-	-0.67	1.54	1.33	-	-	-	0.6	0.61	-	0.54	-	-	0.18	-0.8	-1.41	0.36	-0.81	-0.5	-	-0.16	0.33	0.59	0.52	-0.59
ETRBMT	0.42	-	-	-	-	-	-	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09	0.11	-	-	0.02	0.54	-	-	-	-	1.34		
CSBMT	0.26	1.7	0.95	-1.05	-1.52	-3.29	-	0.21	2.12	-1.25	0.9	-0.83	2.3	-0.96	-	-	1.43	0.2	0.41	-	1.34	-0.02	-1.9	-	-2.39	-1.4	-1.29	-0.28	0.77	-1.09	0.97	0.83	0.42	-1.31	-	-0.32	1.93	-0.21	-0.24	-0.3
METTL4	0.19	-0.49	0.39	2.21	0.59	1.14	-	-3	0.9	1.3	1.06	-1.26	-0.74	-1.71	-	-	0.58	-1.19	-0.08	-0.97	0.17	2.28	-0.88	-	2.39	-	-	-	0.72	-0.73	0.22	0.2	0.02	-	0.28	-	-	-	-0.45	
METTL7	0.01	-	-	-	-0.86	-	-	0.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.38	1.38	-	-1.46	0.62	-	-	-	-	-1.87	
METTL21C	-0.03	-	-	-	-	-	-	1.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.38	1.38	-	-1.46	0.62	-	-	-	-	-1.87	
VCMPT	-0.11	-	-	-	-	-	-	-0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.71	1.71	-1.83	0.41	0.28	-	-	-0.34	-	-	-1.52	
METTL21A	-0.11	-	-	-	-	-	-	-0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.34	0.78	-1.09	-0.88	-	-	-	-	-	-	1.6	
METTL36	-0.12	-	-	-	-0.74	-	-	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24	0.46	0.35	-	-	-	-	-	-	-	-1.05
EEFLAKMT3	-0.22	-	-	-	0.72	-	-	-	-1.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08	0.46	-0.12	0.06	-1.55	-	-	-0.88	-	-	-0.12	
METTL31	-0.67	-	-	-	-1.02	-	-	-1.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.81	-0.41	0.15	0.48	-0.23	-	-1.21	-	-	-	1.68
EEFLAKMT2	-0.74	1.69	-0.3	-3.62	-0.44	-7.08	-	-1.06	-0.36	-1.98	1.81	0.26	-0.11	1.57	-	-	2.03	-0.25	-0.04	-	0.86	0.7	-2.14	-	-1.81	1.09	-0.93	-0.13	0.19	1.5	0.45	-0.52	0.47	0.81	-	1.87	-0.32	-1.72	1.89	-0.84
RRIND1	-0.9	-	-	-	-1.25	-	-	-	-1.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-0.44	-1.38	0.74	-1.11	0.57	-	-0.12	-	-	-	-0.64
METTL6	-2.07	-0.34	-0.55	-0.63	-1.54	-0.72	-	1.07	1.92	-1.74	-0.39	-0.64	1.06	-0.83	-	0.68	1.1	0.38	-1.4	-2.85	2.16	1.67	-	-2.54	-1.81	0.49	-	-0.87	0.27	1.79	-1.38	-1.03	1.95	-	-0.19	-0.05	-0.88	1.28	0.42	
METTL3	-2.52	-2.22	-0.15	-1.24	-0.32	-2.71	-	-2.58	-0.64	-1.49	-0.36	-0.26	2.7	-0.48	0.75	-	-2.83	1.34	0.67	0.29	0	1.83	-0.45	-	-	0.9	-1.45	-1.38	0.56	-0.66	-0.66	-1.44	-1.58	-1.08	0.34	0.68	-1.59	-0.05	0.71	
METTL3	-2.76	-2.59	-3.08	-0.53	0.27	-1.45	-	0.35	-1.54	-1.81	0.23	-0.12	-4.43	-1.31	1.72	-	-0.74	1.65	0.8	-0.45	1.62	1.25	0.31	0.43	-2.03	-3.48	-0.3	-	-4.86	-0.56	-0.73	-0.8	-1	-3.7	-3.72	-0.16	-1.28	-2.15	-2.78	-0.81