

Table S6. mRNA expression difference (log2 FC) for METTLs between TCGA tumor and normal samples

METTL gene	BRCA	UCEC	BLCA	HNSC	LUSC	ESCA	STAD	COADREAD	LUAD	PRAD	KIRC	KIRP	KICH	LIHC	THCA
METTL1	0.686	0.415	0.934	0.349	1.459	1.036	0.876	1.404	1.291	0.558	0.249	0.189	0.262	0.556	-0.364
METTL2A	0.390	0.680	0.512	0.032	0.782	0.248	0.300	0.330	0.686	0.175	-0.178	0.364	-0.249	0.384	-0.185
METTL2B	0.096	0.311	0.184	-0.227	0.576	0.139	0.342	0.551	0.485	0.128	-0.126	0.189	0.133	0.355	-0.296
METTL3	-0.050	0.339	0.525	0.315	0.187	0.217	0.217	0.554	0.377	0.564	0.078	0.197	0.268	0.672	-0.191
METTL4	-0.097	-0.044	0.155	0.416	0.479	0.420	0.441	-0.126	0.218	-0.298	-0.130	-0.406	0.068	0.336	-0.574
METTL5	-0.037	0.555	0.236	0.322	1.045	0.271	0.102	0.676	0.732	0.095	0.354	0.265	-0.031	0.596	0.205
METTL6	0.268	0.268	0.632	-0.073	0.283	0.034	0.091	0.592	0.195	0.219	-0.260	0.346	0.195	0.770	-0.112
METTL7A	-1.891	-1.841	-0.934	-2.474	-2.188	-2.970	-1.753	-2.660	-1.993	-1.003	-0.824	-0.767	0.113	-0.962	-0.879
METTL7B	-0.616	3.314	2.562	0.383	-0.012	2.525	1.706	-0.454	2.080	-0.640	0.756	0.746	-2.738	-0.771	4.412
METTL8	-0.022	0.184	-0.203	0.232	1.388	0.941	0.385	0.507	0.461	0.060	-0.157	-0.029	-0.685	-0.145	-0.608
METTL9	-0.002	-0.074	-0.073	-0.357	0.493	-0.209	-0.083	0.340	0.406	0.224	0.024	0.602	-0.692	0.208	0.332
EEF1AKMT2	-0.170	-0.159	0.041	-0.153	0.272	-0.071	0.168	-0.111	0.044	0.240	-0.167	-0.501	-0.387	-0.262	-0.423
NTMT1	0.624	0.520	0.529	0.455	0.735	0.558	0.145	1.012	0.767	0.046	-0.277	-0.110	0.776	0.180	0.414
CSKMT	0.171	-0.093	0.818	-0.010	0.516	0.147	0.123	0.094	0.375	0.750	-0.123	-0.436	-0.569	0.694	0.302
EEF1AKNMT	0.522	0.389	0.512	0.116	0.477	0.541	0.504	0.259	0.488	0.026	-0.204	-0.057	-0.690	0.544	-0.161
METTL14	-0.363	-0.671	-0.596	-0.138	-0.477	-0.269	-0.168	-0.274	-0.232	-0.239	-0.233	-0.613	0.034	-0.538	-0.461
METTL15	0.121	-0.035	-0.341	-0.164	-0.066	0.053	0.312	-0.059	0.098	-0.121	-0.052	0.079	0.448	-0.037	-0.239
METTL16	-0.432	-0.618	-0.778	0.003	-0.418	-0.062	0.262	0.124	-0.282	-0.171	-0.018	0.231	0.013	0.118	-0.037
METTL17	-0.114	0.464	0.506	0.238	0.525	0.150	0.186	0.103	0.662	0.201	0.218	0.316	0.565	0.237	-0.106
METTL18	0.479	0.026	0.554	-0.029	0.359	0.291	0.298	0.103	0.648	0.231	-0.018	-0.441	-0.497	1.007	0.012
TRMT44	-0.296	-0.257	0.016	-0.512	-0.063	-0.070	-0.042	0.330	0.013	0.013	-0.061	-0.312	0.153	0.003	-0.060
ETFBKMT	-0.317	-0.518	-0.584	-0.375	-0.760	-1.339	-0.485	-1.142	-0.292	-0.062	-0.671	-0.575	-0.660	-1.005	-0.946
METTL21A	0.297	0.646	0.278	0.187	0.361	0.292	0.733	0.258	0.703	-0.006	-0.210	0.192	-0.697	0.377	-0.186
EEF1AKMT3	-0.539	-0.957	0.376	0.138	0.518	-0.035	0.123	0.715	0.674	0.233	0.552	-0.110	-0.473	0.078	-0.583
VCPKMT	-0.013	0.175	0.104	0.309	0.756	0.011	0.203	0.223	0.301	0.058	0.101	0.349	-0.479	-0.013	0.055
METTL22	-0.038	-0.245	-0.031	0.383	0.596	-0.293	-0.065	0.461	0.448	-0.108	0.639	0.624	0.279	-0.084	-0.214
METTL23	0.256	0.036	0.447	0.343	0.479	0.516	0.076	0.321	0.562	0.173	0.020	0.588	-0.540	0.404	-0.197
METTL24	-1.595	-1.286	-3.373	-1.626	-0.678	-1.915	-2.394	-3.481	-0.898	-1.307	-0.440	-1.456	-3.115	-0.086	-2.312
METTL25	-0.538	-0.341	-0.431	-0.610	-0.430	-0.092	-0.372	-0.656	-0.234	0.103	-0.199	-0.176	-0.659	0.251	-0.384
RRNAD1	0.399	0.112	0.317	-0.174	0.100	-0.065	-0.188	0.002	0.453	0.018	-0.168	-0.060	-0.148	0.392	-0.173
METTL26	1.088	0.597	0.934	0.453	0.437	0.367	0.092	0.917	0.744	0.782	1.330	0.771	-0.049	0.042	0.417
METTL27	0.967	-0.065	0.907	-0.216	0.000	2.810	1.562	0.730	0.405	0.365	0.998	1.840	-0.294	0.690	0.126