

Table S1. List of 34 human METTL genes

Gene Symbol	Full Name	Aliases	NCBI ID	Gene Location
METTL1	methyltransferase like 1	TRM8, TRMT8, C12orf1, YDL201w	4234	12q14.1
METTL2A	methyltransferase like 2A	FLJ12760, METTL2	339175	17q23.2
METTL2B	methyltransferase like 2B	METTL2, METL, FLJ11350, METTL2A, PSENIP1	55798	7q32.1
METTL3	methyltransferase like 3	Spo8, M6A, MT-A70, IME4, hMETTL3	56339	14q11.2
METTL4	methyltransferase like 4	FLJ23017, HsT661	64863	18p11.32
METTL5	methyltransferase like 5	HSPC133, MRT72	29081	2q31.1
METTL6	methyltransferase like 6	MGC24132	131965	3p25.1
METTL7A	methyltransferase like 7A	AAMB, DKFZP586A0522	25840	12q13.12
METTL7B	methyltransferase like 7B	MGC17301, ALDI	196410	12q13.2
METTL8	methyltransferase like 8	FLJ13984, TIP	79828	2q31.1
METTL9	methyltransferase like 9	DREV1, DREV, PAP1, CGI-81	51108	16p12.2
EEF1AKMT2	EEF1A lysine methyltransferase 2	METTL10, C10orf138, Efm4	399818	10q26.13
NTMT1	N-terminal Xaa-Pro-Lys N-methyltransferase 1	METTL11A, C9orf32, AD-003, HOMT1A, NRMT1, NRMT, NTM1A	28989	9q34.11
METTL11B	methyltransferase like 11B	C1orf184, HOMT1B, NTM1B	149281	1q24.2
CSKMT	citrate synthase lysine methyltransferase	METTL12, U99HG, CS-KMT	751071	11q12.3
EEF1AKNMT	eEF1A lysine and N-terminal methyltransferase	METTL13, KIAA0859, DFNM1, CGI-01, FEAT, DFNB26, DFNB26M, 5630401D24Rik	51603	1q24.3
METTL14	methyltransferase like 14	KIAA1627, hMETTL14	57721	4q26
METTL15	methyltransferase like 15	METT5D1, FLJ33979	196074	11p14.1
METTL16	methyltransferase like 16	METT10D, MGC3329	79066	17p13.3
METTL17	methyltransferase like 17	METT11D1, FLJ20859	64745	14q11.2
METTL18	methyltransferase like 18	C1orf156, MGC9084, AsTP2, HPM1	92342	1q24.2
TRMT44	tRNA methyltransferase 44 homolog	METTL19, C4orf23, FLJ35725, TRM44	152992	4p16.1
ETFBKMT	electron transfer flavoprotein subunit beta lysine methyltransferase	METTL20, C12orf72, DKFZp451L235, MGC50559, ETFB-KMT	254013	12p11.21
METTL21A	methyltransferase like 21A	FAM119A, LOC151194, HCA557b, HSPA-KMT	151194	2q33.3
EEF1AKMT3	EEF1A lysine methyltransferase 3	METTL21B, FAM119B, DKFZP586D0919	25895	12q14.1
METTL21C	methyltransferase like 21C	C13orf39, LOC196541	196541	13q33.1
VCPKMT	valosin containing protein lysine methyltransferase	METTL21D, C14orf138, VCP-KMT	79609	14q21.3
METTL22	methyltransferase like 22	C16orf68, FLJ12433, MGC2654	79091	16p13.2
METTL23	methyltransferase like 23	C17orf95, LOC124512, MRT44	124512	17q25.2
METTL24	methyltransferase like 24	C6orf186	728464	6q21
METTL25	methyltransferase like 25	C12orf26, FLJ22789	84190	12q21.31
RRNAD1	ribosomal RNA adenine dimethylase domain containing 1	METTL25B, C1orf66, CGI-41	51093	1q23.1
METTL26	methyltransferase like 26	C16orf13, MGC13114, JFP2	84326	16p13.3
METTL27	methyltransferase like 27	WBSCR27	155368	7q11.23