

Supplementary information S1 | Annotation of JmjC-domain-containing proteins from humans, mice, flies, worms, and yeast.

Organism	Name	AlternateNames
Pombe	Spac25h1	Spac25h1.02, Jmj1
Pombe	Epe1	SPCC622.16c
Pombe	Spcc622	Jmj4
Pombe	Ecm5	SPBC83.07, Lid2, jmj3
Pombe	Spbp4h10.01	SPBP19A11.06, lid2
Pombe	SPAC1002	Jmj2
Pombe	Q9UT79	SPAC343.11c, msc1
Human	NO66	C14orf169, FLJ21802
Human	JHDM1B	FBXL10, CXXC2, Fbl10, PCCX2, JEMMA
Human	JHDM1A	FBXL11, CXXC8, DKFZP434M1735, FBL11, FBL7, FLJ00115, KIAA1004, LILIN
Human	JMJD5	FLJ13798, LOC79831
Human	FIH	HIF1AN, DKFZp762F1811, FIH1, FLJ20615, FLJ22027
Human	HR	ALUNC, AU, HSA277165
Human	HSPBAP1	FLJ22623, FLJ39386, PASS1
Human	JARID1A	RBBP2, RBP2
Human	JARID1B	2010009J12Rik, 2210016I17Rik, AW556288, D1Ert202e, KIAA4034, PLU-1, P
Human	JARID1C	Smcx, KIAA0234
Human	JARID1D	Smcy
Human	JARID2	Jumonji, AI317256, AU045941, C79929, C79931, Jmj
Human	JHDM2A	JMJD1A, DKFZp686A24246, DKFZp686P07111, JMJD1, KIAA0742, TSGA
Human	JHDM2B	JMJD1B, 5qNCA, C5orf7, KIAA1082
Human	JHDM2C	JMJD1C, DKFZp761F0118, FLJ14374, KIAA1380, RP11-10C13.2, TRIP8
Human	JHDM3A	JMJD2A, JMJD2, KIAA0677
Human	JHDM3B	JMJD2B, KIAA0876
Human	JHDM3C	JMJD2C, GASC1, KIAA0780, bA146B14.1
Human	JHDM3D	JMJD2D, FLJ10251
Human	JMJD3	RP23-5O23.5, 1700064E03Rik, BC038313, KIAA0346, mKIAA0346
Human	JMJD4	RP23-210M6.10, 6430559I23, AU020939
Human	KIAA1718	
Human	LOC339123	PP14397
Human	MINA53	DKFZp762O1912, FLJ14393, MDIG, MINA, NO52
Human	PHF2	GRC5, KIAA0662
Human	PHF8	RP13-444K19.2, DKFZp686E0868, KIAA1111, ZNF422
Human	PLA2G4B	HsT16992, cPLA2-beta
Human	PTDSR	PSR, KIAA0585, PTDSR1
Human	UTX	RP13-886N14.3, DKFZp686A03225, bA386N14.2
Human	UTY	UTY1
Worm	rbr-2	ZK593.4
Worm	XJ181	D2021.1
Worm	5L609	C06H2.3
Worm	4F419	psr-1, F29B9.4, tag-159
Worm	2O526	Y48B6A.11
Worm	XO59	C29F7.6
Worm	XP71	F23D12.5
Worm	CE20788	F43G6.6, 2M97, spt-3
Worm	3H549	T26A5.5
Worm	XJ193	tag-279, F18E9.5
Worm	4F429	F29B9.2
Worm	1E200	T28F2.4
Worm	3g50	C27F2.5
Fly	CG13902	

Fly	CG15835	
Fly	CG33182	CG4037
Fly	CG5383	L0022859, PS, dPSR, PSR
Fly	CG8165	CG31123
Fly	CG5640	
Fly	Lid	CG9088, lid, l(2)10424
Fly	CG2982	
Fly	CG12879	
Fly	CG11033	
Fly	CG7200	
Fly	CG3654	
Fly	CG10133	
Cerevisiae	Jhd1	YER051W
Cerevisiae	Rph1	YER169W
Cerevisiae	Yjr119c	
Cerevisiae	Ecm5	YMR176W
Cerevisiae	Gis1	YDR096W
Mouse	No66	2410016O06Rik
Mouse	2610003J06Rik	
Mouse	Jmjd5	LOC77035, 3110005O21Rik
Mouse	Jmjd2d	Jmjd2d, 4932416A15
Mouse	Kiaa1718	BB041802, A630082K20Rik
Mouse	Jhdm1b	Fbxl10, Cxxc2, E430001G17, Fbl10, KIAA3014, PCCX2, mKIAA3014
Mouse	Jhdm1a	Fbxl11, Cxxc8, Fbl11, Fbl7, lalina
Mouse	Fih	Hif1an,2310046M24Rik, A830014H24Rik, FIH1
Mouse	Hr	ALUNC, AU, N, ba, rh, rh-bmh, rhino
Mouse	Hspbap1	3830421G21Rik
Mouse	Jarid1a	RBBP2, RBP2
Mouse	Jarid1b	2010009J12Rik, 2210016I17Rik, AW556288, D1Erttd202e, KIAA4034, PLU-1, P
Mouse	Jarid1c	Smcx, mKIAA0234
Mouse	Jarid1d	Smcy
Mouse	Jarid2	AI317256, AU045941, C79929, C79931, Jmj
Mouse	Jhdm2a	Jmjd1a, 1700105C21Rik, C230043E16Rik, Jmjd1, TGSA, Tsga, mKIAA0742
Mouse	Jhdm2b	Jmjd1b, 5830462I21Rik, mKIAA1082
Mouse	Jhdm2c	Jmjd1c, 5430433L24Rik, D630035I23Rik, Jmjdic, TRIP8
Mouse	Jhdm3a	Jmjd2a, JMJD2, KIAA0677
Mouse	Jhdm3b	Jmjd2b, KIAA0876
Mouse	Jhdm3c	Jmjd2c, GASC1, KIAA0780, bA146B14.1
Mouse	Jhdm3d	Jmjd3, RP23-5O23.5, 1700064E03Rik, BC038313, KIAA0346, mKIAA0346
Mouse	Jmjd4	RP23-210M6.10, 6430559I23, AU020939
Mouse	Mina53	Mina, 1810047J07Rik, 2410057H13Rik, 3830408E23Rik, AI449204
Mouse	Phf2	
Mouse	Phf8	9830141C09Rik, mKIAA1111
Mouse	Pla2g4b	HsT16992, cPLA2-beta
Mouse	Ptdsr	5730436I23Rik, D11Erttd195e, PSR, PtdSerR, mKIAA0585
Mouse	Utx	RP13-886N14.3, DKFzP686A03225, bA386N14.2
Mouse	Uty	UTY1