

Supplementary information S1 (table) | Human kinetochore proteins identified to date with their likely homologues in budding yeast, fission yeast, nematodes, fruit fly and plants.

Complex	Human	Alternate names	<i>S. pombe</i>	<i>S. cerevisiae</i>	<i>C. elegans</i>	<i>D. melanogaster</i>	<i>A. thaliana</i>
	CENP-A	CENH3	Cnp1	Cse4	HCP-3/ CENP-A	CID	CENH3/ HTR12
	CENP-B		Abp1, Cbh1, Cbh2				
CCAN	CENP-C		Cnp3	Mif2	HCP-4/ CENP-C	Cenp-C/ CG31258	CENP-C
CCAN	CENP-H		Fta3	Mcm16			
CCAN	CENP-I	MIS6; LRPR1	Mis6	Ctf3			
CCAN	CENP-K	Solt; AF-5 α ; FKSG14; ICEN37	Sim4				
CCAN	CENP-50	CENP-U; MLF1IP; PBIP1; ICEN24					
CCAN	CENP-O	MCM21R; MGC11266; ICEN36	Mal2	Mcm21			
CCAN	CENP-P	LOC401541	Fta2	Ctf19			
CCAN	CENP-Q	FLJ10545	Mis17				
CCAN	CENP-R	ITGB3BP					
CCAN	CENP-L	FTA1R; dJ383J4.3; ICEN33	Fta1				
CCAN	CENP-M	PANE1; ICEN39					
CCAN	CENP-N	Chl4R; BM039	Mis15	Chl4			
CCAN	CENP-T	FLJ1311; ICEN22					
CCAN	CENP-S						
Mis18 complex	MIS18 α	C21orf45	Mis18				
Mis18 complex	MIS18 β	Opa-interacting protein 5	Mis18				
Mis18 complex	KNL2	M18BP1; C14orf106			KNL-2		
Mis12 complex	MIS12		Mis12	Mtw1	MIS-12	CG18156	Mis12
Mis12 complex	DSN1	Q9H410; C20orf172	Mis13/Dsn1	Dsn1	KNL-3		
Mis12 complex	NNF1	PMF1	Nnf1	Nnf1	KBP-1	CG13434/C G31658	
Mis12 complex	NSL1	DC31	Mis14/Nsl1	Nsl1	KBP-2	CG1558	
Ndc80 complex	NDC80	HEC1	Ndc80	Ndc80	NDC-80	CG9938-PA	
Ndc80 complex	NUF2		Nuf2	Nuf2	HIM-10	CG8902	Nuf2
Ndc80 complex	SPC24		Spc24	Spc24	KBP-4	CG7242	
Ndc80	SPC25		Spc25	Spc25	KBP-3		

complex							
	KNL1	AF15q14; CASC5; D40	Spc7	Spc105	KNL-1	CG11451	
	Zwint				KBP-5?		
RZZ complex	ROD		-	-	ROD-1	ROD	
RZZ complex	ZW10		-	-	CZW-1	ZW10	ZW10
RZZ complex	Zwilch		-	-	ZWL-1	Zwilch	
	CENP-F	Mitotin			HCP-1/2?		
	Spindly	Coiled-coil domain-containing 99			C06A8.5	Spindly/CG 15415	
	Dynein			Not at kinetochores	DHC-1	Several DHCs	Absent
	NDE1				NUD-2		
	NDEL1				NUD-2		
	NUDC				NUD-1		
	LIS1				LIS-1		
	SKA1	C18orf24			Y106G6H.1 5		AT3G60660
	SKA2	Fam33A					
	CLASP1, CLASP2		Peg1	Stu1	CLS-2	MAST/Orbit	
	CLIP170	Restin	Tip1	Bik1	M01A8.2		
	EB1		Mal3	Bim1	EBP-1 and EBP-2		
	TOG	XMAP215	Dis1, Alp14	Stu2	ZYG-9	Msp5	MOR1
	Kif2A, Kif2B, Kif2C/MCAK	Kinesin-13; XKCM1			KLP-7	KLP10A, KLP59C	KINESIN-13A; MSL1.9
	ICIS						
	KIF18A	Kinesin-8	Klp5/6	Kip3	KLP-13	KLP67A	
	CENP-E		-	-	-	CENP-meta/CENP-ana	
Mitotic checkpoint	MAD1		Mad1	Mad1	MDF-1		
Mitotic checkpoint	BUB1		Bub1	Bub1	BUB-1	Bub1	
Mitotic checkpoint	BUB3		Bub3	Bub3	BUB-3	Bub3	
Mitotic checkpoint	BUBR1		Mad3	Mad3	SAN-1	BubR1	

Mitotic checkpoint	MAD2		Mad2	Mad2	MDF-2	Mad2	
Mitotic checkpoint	CDC20		Slp1	Cdc20	FZY-1	Fzy	
Mitotic checkpoint	MPS1	TTK	Mph1	Mps1	-	Mps1/ald	
Mitotic checkpoint	PICH	FLJ20105	-	-	-	-	AT5G63950
Mitotic checkpoint	TAO1	MARKK					
Chromosome passenger complex	Aurora B		Ark1	lpl1	AIR-2	Aurora B	
Chromosome passenger complex	INCENP		Plc1	Sli15	ICP-1	INCENP	
Chromosome passenger complex	Survivin		Bir1/Cut7	Bir1	BIR-1		
Chromosome passenger complex	Borealin	Dasra			CSC-1		
	TD60						
	SGO1	SGOL1	Sgo1	Sgo1	C33H5.15	MEI-S332	AT3G10440.1
	SGO2	SGOL2/TRIP1N	Sgo2				AT5G04420.1
	PP2A				PPH-5		
	PP1 γ			Glc7	GSP-1/2		
	Polo-like kinase 1	PLK1	Plo1	Cdc5	PLK-1	Polo	
Nup107-160 complex	NUP107		Not at kinetochores	Not at Kinetochores	NPP-5	Nup107	
Nup107-160 complex	NUP85				NPP-2		
Nup107-160 complex	NUP133				NPP-15		
Nup107-160 complex	NUP160				NPP-6		
Nup107-160 complex	NUP96				NPP-10		
Nup107-160 complex	NUP120						
Nup107-160 complex	Nup37						
Nup107-160 complex	NUP43						
Nup107-160 complex	SEC13				NPP-20		
Nup107-160 complex	SEH1				NPP-18		
	ELYS				MEL-28		
	CRM1		CRM1		IMB-4	emb	
	RanBP2	NUP358			NPP-9		
	RanGAP1				RAN-2		