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Supplemental Information

Structure of the MIS12 Complex and Molecular Basis of Its Interaction with CENP-C at Human Kinetochores

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Table S1A *Synonyms of outer kinetochore proteins discussed in this study*

Protein	Synonym 1	Synonym 2	Synonym 3	Synonym 4	Synonym 5
KNL1	CASC5	AF15q14	Blinkin	Spc105	SPC7
ZWINT	ZW10-interacting protein 1	Zwint-1			
NDC80	HEC1				
NUF2					
SPC24					
SPC25					
PMF1					
MIS12					
NSL1	C1orf48	DC31	DC8	MIS14	
DSN1	C20orf172	MIS13			

Table S1B *MIS12C constructs used in this study*

Construct	MIS12 boundaries	PMF1 boundaries	NSL1 boundaries	DSN1 boundaries
Mis12C ^{Nano}	Mis12 ¹⁻²⁰⁵	Pmf1 ³¹⁻²⁰⁵	Nsl1 ¹⁻²⁰⁶	Dsn1 ⁶⁸⁻³⁵⁶
Mis12C ^{Head1}	Mis12 ^{Δ2-90}	Pmf1 ^{Δ2-127}		
Mis12C ^{Head2}			Nsl1 ²⁹⁻⁹⁹ Nsl1 ²⁻⁹⁹	Dsn1 ⁶⁸⁻²⁰⁰
Mis12C ^{ΔHead1}	Mis12 ^{Δ2-90}	Pmf1 ^{Δ2-114}	Nsl1 ¹⁻²⁰⁶	Dsn1 ⁶⁸⁻³⁵⁶
Mis12C ^{ΔHead2}	Mis12 ¹⁻²⁰⁵	Pmf1 ³¹⁻²⁰⁵	Nsl1 ^{Δ2-91}	Dsn1 ^{Δ2-185}
Mis12C ^{Loopless}	Mis12 ¹⁻²⁰⁵	Pmf1 ³¹⁻²⁰⁵	Nsl1 ¹⁻²⁰⁶	Dsn1 ^{68-356Δ100-109}