Table S1. Summary of identified hMps1 phosphorylation sites.

Phosphorylation Site	Sequence	MASCOT Score	resembling Consensus	Reference
S7	DLSGR	39	Plk1	1, 6
T12	ELTID	29	Plk1	1, 9
S15	IDSIM	8	--	1, 9
T33	DLTDE	69	Plk1	1, 5, 6, 7, 9
S37	ELSLN	43	Plk1	1, 5, 6, 9
S49/T51	DNSGTVN		Plk1/--	6
S80	PLSDA	32	--	1, 5, 6, 9
S281	LNSPD	58	Cdk1	1, 4, 6, 7
T288	VKTDD	17	--	1, 9
S317	KPSGN		--	6
S321	NDSCE	68	Plk1	1, 5, 7
S329	LKSVQ	23	--	1
S345/346	EKSSEL		Plk1/Aur-B	6
T351	IITDS		--	6
S353	TDSIT		--	4
T360	NKTES	33	Plk1	1, 4, 5, 9
S362	TESSL	17	--	1, 9
S363	ESSLL	24	Plk1	1, 4, 5, 9
T371	EETKE	56	Plk1	1, 4
S382	PESNQ	50	--	1, 4
S393	RKSEC		Aur-B	5, 6, 7
T418	VNTQE	21	--	1
T423/T424	KHTTFE	9	Aur-B/--	1
S436	KQSPP	39	Cdk1	1, 3, 4, 5, 6
T453	CKTPS	77	Cdk1	1, 3
S455	TPSSN	28	--	1, 7
T458	SNTLD	68	--	1
Y462	DDYMS		--	5
T468	FRTPV		Cdk1	3, 4
T564	NQTLD	58	Plk1	1, 8
S582	QHSDK		--	8
T675	PDTTS		--	2, 9
T676	DTTSV	50	Plk1	1, 2, 4, 5, 8, 9
S677	TTSVV		--	2, 9
S682	KDSQV	50	Aur-B	1, 8
T686	VGTVN	55	--	1, 2, 5, 8, 9
S742	QISKL	46	Plk1	1, 8
T795	IQTHP		--	8
T805	KGTTE		Aur-B	8
T806	GTTEE		--	8
Y811	MKYVL		--	8
S821	LNSPN	46	Cdk1	1, 4, 5, 6, 7, 8
S824	PNSIL	8	--	1, 5, 7, 8
Y833/Y836/S837	TLYEHYSGG	55	--	1, 6
S845	NSSSS		Plk1	8
S847	SSSKT		--	8
T849	SKTFE		--	8

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