

Table S3 (pS)n clusters whose generation can be partially attributed to CK2.

ID	Description	Peptide
A6NDN3	GOG6B_HUMAN Putative golgin subfamily A member 6B GN=GOLGA6B	QQQEEDRsssCREAVLHRRL
A8CG34	P121C_HUMAN Nuclear envelope pore membrane protein POM 121C GN=POM121C	HLNKRsrsssmsslGAYts
A8MUH7	PDZ1P_HUMAN Putative PDZ domain-containing protein 1P GN=PDZK1P1	AHStAsHsssNsEDTEM---
NP_001139669	coiled-coil domain-containing protein 168 [Homo sapiens]	DVMKKPFsssTQDSFQSQDL
O00418	EF2K_HUMAN Eukaryotic elongation factor 2 kinase GN=EEF2K	LTKsERYsssGsPANsFHFK
O00423	EMAL1_HUMAN Echinoderm microtubule-associated protein-like 1 GN=EML1	KSNIKRtsssERVsPGGRRE
O00567	NOP56_HUMAN Nucleolar protein 56 GN=NOP56	ALAsSENssstPEECEEMsE
O14640	DVL1_HUMAN Segment polarity protein dishevelled homolog DVL-1 GN=DVL1	ALSSELEsssFVDSDEDGST
O14757	CHK1_HUMAN Serine/threonine-protein kinase Chk1 GN=CHK1	sEENVKYsssQPEPRTGLSL
O14936-3	CSKP_HUMAN Isoform 3 of Peripheral plasma membrane protein CASK GN=CASK	VPSYRTQsssCEDLPSTTQP
O14974	MYPT1_HUMAN Protein phosphatase 1 regulatory subunit 12A GN=PPP1R12A	sAssPRLsssLDNKEKEKDS
O15014	ZN609_HUMAN Zinc finger protein 609 GN=ZNF609	LsDMELNsssEDSKGSKRVR
O15014	ZN609_HUMAN Zinc finger protein 609 GN=ZNF609	SKKEKENsssKsKKERSEGV
O15047	SET1A_HUMAN Histone-lysine N-methyltransferase SETD1A GN=SETD1A	TAESRRRsssDtAAYPAGTT
O43290	SNUT1_HUMAN U4/U6.U5 tri-snRNP-associated protein 1 GN=SART1	EALLKKMsssDtPLGtVALL
O43491	E41L2_HUMAN Band 4.1-like protein 2 GN=EPB41L2	TSLSSESsssSSEsEEEDVG
O60292	SI1L3_HUMAN Signal-induced proliferation-associated 1-like protein 3 GN=SIPA1L3	FLPLRHRsssEItLSECDAE
O60293	ZC3H1_HUMAN Zinc finger C3H1 domain-containing protein GN=ZFC3H1	PPSVRMPsssLsESsPRPSF
O60307	MAST3_HUMAN Microtubule-associated serine/threonine-protein kinase 3 GN=MAST3	HRFSKVYsssEFLAVQPTPT
O60343-2	TBCD4_HUMAN Isoform 2 of TBC1 domain family member 4 GN=TBC1D4	RSPLLRQsssEQCsDGEGRK
O60381	HBP1_HUMAN HMG box-containing protein 1 GN=HBP1	ARPPPvsssKSEPAFPHHH
O60759	CYTIP_HUMAN Cytohesin-interacting protein GN=CYTIP	KQLALTRsssLSDFSWsQRK
O75427	LRCH4_HUMAN Leucine-rich repeat and calponin homology domain-containing protein 4 GN=LRCH4	PNsFLFRsssQsGsGPssPD
O75494	SRS10_HUMAN Serine/arginine-rich splicing factor 10 GN=SRSF10	KEGRNVYsssRyDDyDRYRR
O75496	GEMI_HUMAN Geminin GN=GMNN	TCAEGTVssstDAKPCI---
O75582	KS6A5_HUMAN Ribosomal protein S6 kinase alpha-5 GN=RPS6KA5	tsTETRsssSSESHSsSSHs

O75995	SASH3_HUMAN SAM and SH3 domain-containing protein 3 GN=SASH3	KKLsLQRsssFKDFAKsKPs
O94827	PKHG5_HUMAN Pleckstrin homology domain-containing family G member 5 GN=PLEKHG5	DAyEVVEsssDEVKLLKEF
O94874	UFL1_HUMAN E3 UFM1-protein ligase 1 GN=UFL1	RKELQElsSSIKDLVLKSRK
O94876	TMCC1_HUMAN Transmembrane and coiled-coil domains protein 1 GN=TMCC1	MQSGRPRssttDAPTSSAM
O95292	VAPB_HUMAN Vesicle-associated membrane protein-associated protein B/C GN=VAPB	PIVSKsLsssLDDtEVKKVM
O95696	BRD1_HUMAN Bromodomain-containing protein 1 GN=BRD1	CAsEssIsssNsPLCDSsFN
O95819	M4K4_HUMAN Mitogen-activated protein kinase kinase kinase kinase 4 GN=MAP4K4	GERFRVRsssKsEGsPsQRL
P00519	ABL1_HUMAN Tyrosine-protein kinase ABL1 GN=ABL1	APtPPKRsssFREM DGQPER
P04279	SEMG1_HUMAN Semenogelin-1 GN=SEMG1	ANKIsyQssssteEERRLHYGE
P07910	HNRPC_HUMAN Heterogeneous nuclear ribonucleoproteins C1/C2 GN=HNRNPC	PsPsPLLsssFDLDyDFQRD
P08913	ADA2A_HUMAN Alpha-2A adrenergic receptor GN=ADRA2A	ALDLEEsssDHAERPPGPR
P0CAP2	GRL1A_HUMAN DNA-directed RNA polymerase II subunit GRINL1A GN=POLR2M	ssQAEDtsssFDNLFIDRLQ
P12270	TPR_HUMAN Nucleoprotein TPR GN=TPR	VssADIsssssEVISQHLVSY
P15056	BRAF_HUMAN Serine/threonine-protein kinase B-raf GN=BRAF	GPQREKsssSsEDRNRMKt
P15408	FOSL2_HUMAN Fos-related antigen 2 GN=FOSL2	CSKAHRRsssSGDQSSDsLN
P15924	DESP_HUMAN Desmoplakin GN=DSP	VRNLtIRsssFsDtLEESSP
P17812	PYRG1_HUMAN CTP synthase 1 GN=CTPS1	tysDRsGsssPDsEItELKF
P25054	APC_HUMAN Adenomatous polyposis coli protein GN=APC	TPDGFsCsssLsALsLDEPF
P25440	BRD2_HUMAN Bromodomain-containing protein 2 GN=BRD2	AVSRLsAsssSSDSsssssss
P29590	PML_HUMAN Protein PML GN=PML	EERVVVIsssEDsDAENSSS
P30305	MPIP2_HUMAN M-phase inducer phosphatase 2 GN=CDC25B	EAGsGAAsssGEDKENDGFV
P33527	MRP1_HUMAN Multidrug resistance-associated protein 1 GN=ABCC1	LQRQLsssSYSGDIsRHNN
P36915	GNL1_HUMAN Guanine nucleotide-binding protein-like 1 GN=GNL1	EEEEEElsssCEEEGEEEDRD
P38159	RBMX_HUMAN RNA-binding motif protein, X chromosome GN=RBMX	GGsRDsYsssRsDLySSGRD
P38159	RBMX_HUMAN RNA-binding motif protein, X chromosome GN=RBMX	ssRyDDysssRDGyGGsRDS
P38159	RBMX_HUMAN RNA-binding motif protein, X chromosome GN=RBMX	tyRDyGHsssRDDyPsRGys
P42167	LAP2B_HUMAN Lamina-associated polypeptide 2, isoforms beta/gamma GN=TMPO	stPLPtIsssAENtRQNGsN
P42694	HELZ_HUMAN Probable helicase with zinc finger domain GN=HELZ	LSSRtVsssLPSLEEYEP
P43355	MAGA1_HUMAN Melanoma-associated antigen 1 GN=MAGEA1	QRQPseGsssREEEGPSTSC

P43358	MAGA4_HUMAN Melanoma-associated antigen 4 GN=MAGEA4	WRQPNEGssssQEEEGPStsP
P46100	ATRX_HUMAN Transcriptional regulator ATRX GN=ATRX	KMEQQYEssssDGTEKLPERE
P46100	ATRX_HUMAN Transcriptional regulator ATRX GN=ATRX	LEESKAtssssNPssPAPDWy
P46100	ATRX_HUMAN Transcriptional regulator ATRX GN=ATRX	RlKVQEDssssENKsNsEEEE
P48553	TPC10_HUMAN Trafficking protein particle complex subunit 10 GN=TRAPPC10	LLRRQEsssssLEMPSGVALE
P48634-2	PRC2A_HUMAN Isoform 2 of Protein PRRC2A GN=PRRC2A	ERsDsGGssssEPFDRHAPAM
P48730	KC1D_HUMAN Casein kinase I isoform delta GN=CSNK1D	RGAPVNIssssDLtGRQDTSR
P49674	KC1E_HUMAN Casein kinase I isoform epsilon GN=CSNK1E	RGAPANVssssDLtGRQEVsR
P49790	NU153_HUMAN Nuclear pore complex protein Nup153 GN=NUP153	SNGKNVFssssGtsFsGRKIK
P49815	TSC2_HUMAN Tuberin GN=TSC2	sQPLsKsssssPELQtLQDIL
P50402	EMD_HUMAN Emerin GN=EMD	RRRLsPPssssAAssysFsDL
P51811	XK_HUMAN Membrane transport protein XK GN=XK	RDRDEtPssssKTsPEPGQFL
P53999	TCP4_HUMAN Activated RNA polymerase II transcriptional coactivator p15 GN=SUB1	LsSsKQsssssRDDNMFQIGK
P53999	TCP4_HUMAN Activated RNA polymerase II transcriptional coactivator p15 GN=SUB1	sKELVsssssGsDsDsEVDK
P54296	MYOM2_HUMAN Myomesin-2 GN=MYOM2	CHKDAKIssssEHMRIGGSEE
P62633	CNBP_HUMAN Cellular nucleic acid-binding protein GN=CNBP	DRGFQFVssssLPDlCyRCGE
P62736	ACTA_HUMAN Actin, aortic smooth muscle GN=ACTA2	EMATAASssssLEKsyELPDG
P63267	ACTH_HUMAN Actin, gamma-enteric smooth muscle GN=ACTG2	EMATAASssssLEKsyELPDG
P68032	ACTC_HUMAN Actin, alpha cardiac muscle 1 GN=ACTC1	EMATAASssssLEKsyELPDG
P68133	ACTS_HUMAN Actin, alpha skeletal muscle GN=ACTA1	EMATAASssssLEKsyELPDG
P78559	MAP1A_HUMAN Microtubule-associated protein 1A GN=MAP1A	EEEQsQGssssysDwvKNLIS
P84550	SKOR1_HUMAN SKI family transcriptional corepressor 1 GN=SKOR1	LGPGREGssssPNsKQELQPY
P98082	DAB2_HUMAN Disabled homolog 2 GN=DAB2	PDQKKENssssSstPLsNGPL
Q01850	CDR2_HUMAN Cerebellar degeneration-related protein 2 GN=CDR2	HRKPLKRssssEtILSSLAGS
Q01860	PO5F1_HUMAN POU domain, class 5, transcription factor 1 GN=POU5F1	RRQKGKRssssDyAQREDFEA
Q02383	SEMG2_HUMAN Semenogelin-2 GN=SEMG2	ENKI syQsssteERHLNCGE
Q02383	SEMG2_HUMAN Semenogelin-2 GN=SEMG2	ENKI syQsssteEERRLNLSGE
Q03111	ENL_HUMAN Protein ENL GN=MLLT1	EEsDEDDssssGEEAAGKTNP
Q06190	P2R3A_HUMAN Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit alpha GN=PPP2R3A	DQRDFtNssssQEEIDKLLMD

Q06190	P2R3A_HUMAN Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit alpha GN=PPP2R3A	PSFGLLRsssVEEKPLsHRN
Q06416	P5F1B_HUMAN Putative POU domain, class 5, transcription factor 1B GN=POU5F1B	RRQKGKRsssDyAQREDFEA
Q07960	RHG01_HUMAN Rho GTPase-activating protein 1 GN=ARHGAP1	PKsDDsKsssPELVTHLKWD
Q08945	SSRP1_HUMAN FACT complex subunit SSRP1 GN=SSRP1	EFVssDEsssGENKsKKKRR
Q08AD1	CAMP2_HUMAN Calmodulin-regulated spectrin-associated protein 2 GN=CAMSAP2	AsGGIRRsssMsYVDGFIGt
Q09666	AHNK_HUMAN Neuroblast differentiation-associated protein AHNAK GN=AHNAK	KKsRLsSSSSNDsGNKVGIQ
Q12888	TP53B_HUMAN Tumor suppressor p53-binding protein 1 GN=TP53BP1	AsQsFCEsssETPFHFTLPK
Q12929	EPS8_HUMAN Epidermal growth factor receptor kinase substrate 8 GN=EPS8	NItrQNssSSDsGGsIVRDS
Q13427	PPIG_HUMAN Peptidyl-prolyl cis-trans isomerase G GN=PPIG	ssSSDsDSSSDSQsSsDSsD
Q13439	GOGA4_HUMAN Golgin subfamily A member 4 GN=GOLGA4	IKESLFRsssKEsLVRtssR
Q13472	TOP3A_HUMAN DNA topoisomerase 3-alpha GN=TOP3A	RsKRPRAsssDMGstAKKPR
Q13501	SQSTM_HUMAN Sequestosome-1 GN=SQSTM1	LtPVsPEssstEEKsSsQPs
Q13523	PRP4B_HUMAN Serine/threonine-protein kinase PRP4 homolog GN=PRPF4B	GMKVEQEsssDDNLEDFDVE
Q13620-1	CUL4B_HUMAN Isoform 2 of Cullin-4B GN=CUL4B	KLNsSssSSsNssNEREDFD
Q13620-1	CUL4B_HUMAN Isoform 2 of Cullin-4B GN=CUL4B	MAEESSssSSsPtAATsQ
Q14135	VGLL4_HUMAN Transcription cofactor vestigial-like protein 4 GN=VGLL4	KAAKDGAsssPEsAsRRGQP
Q14493	SLBP_HUMAN Histone RNA hairpin-binding protein GN=SLBP	DFGRERKsssGssDsKEsMs
Q14493	SLBP_HUMAN Histone RNA hairpin-binding protein GN=SLBP	VDLESAsEsssEPQtssQDDF
Q15059	BRD3_HUMAN Bromodomain-containing protein 3 GN=BRD3	PSRLsSssSSsEsGsSSSsGs
Q15349	KS6A2_HUMAN Ribosomal protein S6 kinase alpha-2 GN=RPS6KA2	RRKSRsKsssLsRLEEEGVV
Q15365	PCBP1_HUMAN Poly(rC)-binding protein 1 GN=PCBP1	tGFAGIDsssPEVKGyWAsL
Q15424	SAFB1_HUMAN Scaffold attachment factor B1 GN=SAFB	tINNLDtsssDFtILQEIEE
Q15464	SHB_HUMAN SH2 domain-containing adapter protein B GN=SHB	GsPHLYRsssERRPATPAEV
Q15648	MED1_HUMAN Mediator of RNA polymerase II transcription subunit 1 GN=MED1	IQRMVRLsssDsIGPDVtDI
Q2M2Z5	KIZ_HUMAN Centrosomal protein kizuna GN=KIZ	IASEAsFsssEGSPLSRHEN
Q2PPJ7	RGPA2_HUMAN Ral GTPase-activating protein subunit alpha-2 GN=RALGAPA2	ItILVRRsssPAELDLKDDL
Q2PPJ7	RGPA2_HUMAN Ral GTPase-activating protein subunit alpha-2 GN=RALGAPA2	QQQQVLRsssSDIPEPLCS
Q4G0J3	LARP7_HUMAN La-related protein 7 GN=LARP7	RtGKRKRsssEDAEsLAPRS
Q4G0X9	CCD40_HUMAN Coiled-coil domain-containing protein 40 GN=CCDC40	EETQRNVsssLLEKQEKLsV

Q53QZ3	RHG15_HUMAN Rho GTPase-activating protein 15 GN=ARHGAP15	ELFKIQRssstELLSHyDsD
Q53TX8	Q53TX8_HUMAN Putative uncharacterized protein MAP4K4 (Fragment) GN=MAP4K4	GERFRVRsssKSEGSpsQRL
Q5BKY9	F133B_HUMAN Protein FAM133B GN=FAM133B	RysSsSssssDsSssssDSE
Q5JQC9	AKAP4_HUMAN A-kinase anchor protein 4 GN=AKAP4	DyKDAAssssEGNLNLGSL
Q5SXM2	SNPC4_HUMAN snRNA-activating protein complex subunit 4 GN=SNAPC4	SsGGssssssSsSEEDEPEQ
Q5T0W9	FA83B_HUMAN Protein FAM83B GN=FAM83B	PAFyRLCsssDTLVsEGEEN
Q5T2W1	NHRF3_HUMAN Na(+)/H(+) exchange regulatory cofactor NHE-RF3 GN=PDZK1	AHstAsHsssNsEDTEM---
Q5T5C0-2	STXB5_HUMAN Isoform 2 of Syntaxin-binding protein 5 GN=STXBP5	NSFSRSRsssVtsIDKESRE
Q5T5C0	STXB5_HUMAN Syntaxin-binding protein 5 GN=STXBP5	NsFsRsRsssVtsIDKESRE
Q5T5U3	RHG21_HUMAN Rho GTPase-activating protein 21 GN=ARHGAP21	DSGSRKDsssEVFsDAAKEG
Q5THJ4	VP13D_HUMAN Vacuolar protein sorting-associated protein 13D GN=VPS13D	TPSRHRNsssEsAIVPKTVK
Q5VT52	RPRD2_HUMAN Regulation of nuclear pre-mRNA domain-containing protein 2 GN=RPRD2	YRIETRVsssCLDLDPDSTEE
Q5VU43	MYOME_HUMAN Myomegalin GN=PDE4DIP	RRGSTLAsssERKPLENQLG
Q5VWQ8	DAB2P_HUMAN Disabled homolog 2-interacting protein GN=DAB2IP	TRLRQQsssKGDsPELKPR
Q66PJ3	AR6P4_HUMAN ADP-ribosylation factor-like protein 6-interacting protein 4 GN=ARL6IP4	ssSssssssSsDGRKKRGK
Q68CZ2	TENS3_HUMAN Tensin-3 GN=TNS3	PGQRREsssAERQWVEssP
Q68DN1	CB016_HUMAN Uncharacterized protein C2orf16 GN=C2orf16	PSESRHRsssERRHRSPSQR
Q6DN90	IQEC1_HUMAN IQ motif and SEC7 domain-containing protein 1 GN=IQSEC1	GLKRSALsssLRDLSEAGKR
Q6GYQ0	RGPA1_HUMAN Ral GTPase-activating protein subunit alpha-1 GN=RALGAPA1	EEQPLPRsstSdILEPFTV
Q6GYQ0	RGPA1_HUMAN Ral GTPase-activating protein subunit alpha-1 GN=RALGAPA1	LTEREPsssLCsIDEEHLT
Q6L8Q7	PDE12_HUMAN 2',5'-phosphodiesterase 12 GN=PDE12	SLsPssPssWTETDVEERV
Q6PKG0-3	LARP1_HUMAN Isoform 2 of La-related protein 1 GN=LARP1	RPRtAsIsssPsEGtPtVGs
Q6PKG0	LARP1_HUMAN La-related protein 1 GN=LARP1	RPRtAsIsssPsEGtPtVGs
Q6VY07	PACS1_HUMAN Phosphofurin acidic cluster sorting protein 1 GN=PACS1	FFEGMsQsssQtEIGsLNSK
Q6WKZ4	RFIP1_HUMAN Rab11 family-interacting protein 1 GN=RAB11FIP1	EIKDssPsssPsPKGFRKKH
Q6ZRV2	FA83H_HUMAN Protein FAM83H GN=FAM83H	-MARRsQsssQGDNPLAPGy
Q6ZW76	ANKS3_HUMAN Ankyrin repeat and SAM domain-containing protein 3 GN=ANKS3	PEKYEDLsssDESCPAPQRQ
Q71RC2	LARP4_HUMAN La-related protein 4 GN=LARP4	KEyEVMYsssCETTRNTTGI
Q76L83	ASXL2_HUMAN Putative Polycomb group protein ASXL2 GN=ASXL2	CKNATGEsssSKEDDtDEES

Q7LBC6	KDM3B_HUMAN Lysine-specific demethylase 3B GN=KDM3B	SESLADDsssRDsFKQsLES
Q7Z2Z1	TICRR_HUMAN Treslin GN=TICRR	RIKKIDPsssLEAEPLsKEE
Q7Z4S6	KI21A_HUMAN Kinesin-like protein KIF21A GN=KIF21A	GKVTRKLsssDAPAQDtGSs
Q7Z4V5	HDGR2_HUMAN Hepatoma-derived growth factor-related protein 2 GN=HDGFRP2	RsAssssssSSsDsDVSVK
Q7Z591	AKNA_HUMAN AT-hook-containing transcription factor GN=AKNA	DKRDVDRsssQsWEEERLFP
Q86TC9	MYPN_HUMAN Myopalladin GN=MYPN	NKVMQENsssFSDLSEERRER
Q86V48	LUZP1_HUMAN Leucine zipper protein 1 GN=LUZP1	ALAssRRsssEGLsKGKKAA
Q86VP3	PACS2_HUMAN Phosphofurin acidic cluster sorting protein 2 GN=PACS2	YFEGLSHsssQtEIGSIHSA
Q86WB0	NIPA_HUMAN Nuclear-interacting partner of ALK GN=ZC3HC1	RARLCsssssDtssRsFFDP
Q86WB0	NIPA_HUMAN Nuclear-interacting partner of ALK GN=ZC3HC1	sRtRsWDsssPVDRPEPEAA
Q86X02	CDR2L_HUMAN Cerebellar degeneration-related protein 2-like GN=CDR2L	KDAFRLHsssLELGPRPLEQ
Q8IU60	DCP2_HUMAN m7GpppN-mRNA hydrolase GN=DCP2	DAVyDLPsssEDQLLEHAEG
Q8IUC6	TCAM1_HUMAN TIR domain-containing adapter molecule 1 GN=TICAM1	LFPSSLEsssEQKFYNFVIL
Q8IVH2	FOXP4_HUMAN Forkhead box protein P4 GN=FOXP4	VLTSRRDsssHEEtPGsHPL
Q8IX90	SKA3_HUMAN Spindle and kinetochore-associated protein 3 GN=SKA3	yPLsKTNsssNDLEVEDRTS
Q8IXT1	DDIAS_HUMAN DNA damage-induced apoptosis suppressor protein GN=DDIAS	PYLSALSsssKDLETIVTLK
Q8N350	DOS_HUMAN Protein Dos GN=DOS	HAAAsDHsssGNDRDSVRSg
Q8N5C8	TAB3_HUMAN TGF-beta-activated kinase 1 and MAP3K7-binding protein 3 GN=TAB3	GGRtLVHsssDGHIDPQHAA
Q8N684	CPSF7_HUMAN Cleavage and polyadenylation specificity factor subunit 7 GN=CPSF7	SQPSSDRsssTEPPPPVRQE
Q8N9M1	CS047_HUMAN Uncharacterized protein C19orf47 GN=C19orf47	LVGPRGsssEGLGAQMDHA
Q8NG27	PJA1_HUMAN E3 ubiquitin-protein ligase Praja-1 GN=PJA1	RSREQTLsssGEsWETLPGK
Q8NG31	CASC5_HUMAN Protein CASC5 GN=CASC5	ESHsQSKsssDECEEItKSR
Q8NG31	CASC5_HUMAN Protein CASC5 GN=CASC5	sRtPssCsssLDSIKADGTs
Q8NI35	INADL_HUMAN InaD-like protein GN=INADL	TLVRRKtsssTsPLEPPSDR
Q8TEW8	PAR3L_HUMAN Partitioning defective 3 homolog B GN=PARD3B	PTLGLKKsssLEsLQTAVAE
Q8TF72	SHRM3_HUMAN Protein Shroom3 GN=SHROOM3	KAIQRtVsssGCEGKRNEDEK
Q8WTT2	NOC3L_HUMAN Nucleolar complex protein 3 homolog GN=NOC3L	sFLTRDLsssEPVHAKKRKH
Q8WUM0	NU133_HUMAN Nuclear pore complex protein Nup133 GN=NUP133	ALQRDNWsssDGKDDPIEVs
Q8WWA1	TMM40_HUMAN Transmembrane protein 40 GN=TMEM40	SSSsssssssSsssSsESNDE

Q8WWM7	ATX2L_HUMAN Ataxin-2-like protein GN=ATXN2L	AQFKLQPssssPENsLDPFPP
Q8WWQ0	PHIP_HUMAN PH-interacting protein GN=PHIP	RNRssSVssssAAssPERKKR
Q8WXI7	MUC16_HUMAN Mucin-16 GN=MUC16	TSGLRETssssERISSATEGS
Q8WYL5	SSH1_HUMAN Protein phosphatase Slingshot homolog 1 GN=SSH1	SSNLtRssssDsIHSVRGKP
Q8WYN3	CSRNP3_HUMAN Cysteine/serine-rich nuclear protein 3 GN=CSRNP3	RESDDEVssssESADSGDSVN
Q92539	LPIN2_HUMAN Phosphatidate phosphatase LPIN2 GN=LPIN2	ARPAENDssssDEGSQELEES
Q92560	BAP1_HUMAN Ubiquitin carboxyl-terminal hydrolase BAP1 GN=BAP1	PIQGsQGssssPVEKEVVEAT
Q92614	MYO18A_HUMAN Unconventional myosin-XVIIIa GN=MYO18A	AssRRVssssELDLPSGDHC
Q92614	MYO18A_HUMAN Unconventional myosin-XVIIIa GN=MYO18A	sGHLstAsssDDLKGEEGsF
Q92698	RAD54_HUMAN DNA repair and recombination protein RAD54-like GN=RAD54L	VtPRKRKssssEtQIQECFLs
Q92805	GOLGA1_HUMAN Golgin subfamily A member 1 GN=GOLGA1	DDFAsDGssssREDLssQLLR
Q92997	DVL3_HUMAN Segment polarity protein dishevelled homolog DVL-3 GN=DVL3	DDsTSRFssstEQssAsRLM
Q96D71	REPS1_HUMAN RaBP1-associated Eps domain-containing protein 1 GN=REPS1	AIEIRRQsssyDDPWKITDE
Q96D71	REPS1_HUMAN RaBP1-associated Eps domain-containing protein 1 GN=REPS1	PQPpHsRssssLDMNRTFTVT
Q96E39	RMXL1_HUMAN RNA binding motif protein, X-linked-like-1 GN=RBMXL1	ssRyDDyssssRDGyGGsRDS
Q96E39	RMXL1_HUMAN RNA binding motif protein, X-linked-like-1 GN=RBMXL1	tyrDyGHssssRDDyPsRGYG
Q96EB6	SIRT1_HUMAN NAD-dependent protein deacetylase sirtuin-1 GN=SIRT1	PLHVseDssssPERTsPPDsS
Q96FF9	CDCA5_HUMAN Sororin GN=CDCA5	VPNPEAEssssKEGELDARDL
Q96G46	DUS3L_HUMAN tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like GN=DUS3L	EQRHWDIssssERLDILRDFT
Q96JM3	CHAMP1_HUMAN Chromosome alignment-maintaining phosphoprotein 1 GN=CHAMP1	EssDAELssssEYIKTDLDAM
Q96JM3	CHAMP1_HUMAN Chromosome alignment-maintaining phosphoprotein 1 GN=CHAMP1	VSSAsWKssssVsPssWKsPP
Q96P56	CTSPER2_HUMAN Cation channel sperm-associated protein 2 GN=CATSPER2	STsSSyssssEsRFSESIGR
Q96PD2	DCBLD2_HUMAN Discoidin, CUB and LCCL domain-containing protein 2 GN=DCBLD2	EEtPVRyssssEVNHLsPREV
Q96PE2	ARHGAP17_HUMAN Rho guanine nucleotide exchange factor 17 GN=ARHGAP17	RTSALKssssELLLtGPGAE
Q96Q42	ALS2_HUMAN Alsln GN=ALS2	ESMQGKKssssLVDIREEEETE
Q96QD8	SLC38A2_HUMAN Sodium-coupled neutral amino acid transporter 2 GN=SLC38A2	sIsPDEDsssyssNsDFNyS
Q96RK0	CIC_HUMAN Protein capicua homolog GN=CIC	CNKDRKKssssEAKPTsLGLA
Q96RT1	LAP2_HUMAN Protein LAP2 GN=ERBB2IP	QVFtGssssssDLISGTKAIF
Q96T37	RBM15_HUMAN Putative RNA-binding protein 15 GN=RBM15	PDRsPELssssRDRyNsDNDR

Q96T58	MINT_HUMAN Msx2-interacting protein GN=SPEN	RERDERLsssLERNKFysFA
Q99814	EPAS1_HUMAN Endothelial PAS domain-containing protein 1 GN=EPAS1	ADKEKKRsssERRKEKSRDA
Q9BQF6-5	SENP7_HUMAN Isoform 5 of Sentrin-specific protease 7 GN=SENP7	RKLGRRPsssEIIITEGKRKK
Q9BSV6	SEN34_HUMAN tRNA-splicing endonuclease subunit Sen34 GN=TSEN34	LEQASGAsssQEAGSSQAAK
Q9BTC0	DIDO1_HUMAN Death-inducer obliterator 1 GN=DIDO1	KsILAKPsssPDPRYLSVPP
Q9BTU6	P4K2A_HUMAN Phosphatidylinositol 4-kinase type 2-alpha GN=PI4K2A	TARSHQRsssEsytQsFQSR
Q9BVC5	ASHWN_HUMAN Ashwin GN=C2orf49	FRKLsNssssVsPLILSSNL
Q9BXB4	OSB11_HUMAN Oxysterol-binding protein-related protein 11 GN=OSBPL11	sRsFsLAsssNsPIsQRRPs
Q9BZD3	GCOM2_HUMAN Putative GRINL1B complex locus protein 2 GN=GCOM2	ssQAEDtsssFDNLFIDRLQ
Q9BZL4	PP12C_HUMAN Protein phosphatase 1 regulatory subunit 12C GN=PPP1R12C	AGLQRsAsssWLEGtsTQAK
Q9H0B6	KLC2_HUMAN Kinesin light chain 2 GN=KLC2	sDSRtLssssMDLsRRssLV
Q9H1B7	I2BPL_HUMAN Interferon regulatory factor 2-binding protein-like GN=IRF2BPL	TASARRNsssPVsPAsVPGQ
Q9H2G4	TSYL2_HUMAN Testis-specific Y-encoded-like protein 2 GN=TSPYL2	PAKTRRLsssEsPQRDPPPP
Q9H2X0	CHRD_HUMAN Chordin GN=CHRD	QTCPQERsssERQPSGLSFE
Q9H3S7	PTN23_HUMAN Tyrosine-protein phosphatase non-receptor type 23 GN=PTPN23	AAAADLLsssPEsQHGGtQs
Q9H4L7	SMRCD_HUMAN SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing DEAD/H box 1 GN=SMARCA1	PRKRKLsssssEPyEEDEFND
Q9H4S2	GSX1_HUMAN GS homeobox 1 GN=GSX1	DELPMsPsssGKDDRDLTVT
Q9H4Z3	PCIF1_HUMAN Phosphorylated CTD-interacting factor 1 GN=PCIF1	sSGSSsSsssEAKDRDSGRE
Q9H6Z4	RANB3_HUMAN Ran-binding protein 3 GN=RANBP3	AAEsGsEsssQEAtPEKESL
Q9H788	SH24A_HUMAN SH2 domain-containing protein 4A GN=SH2D4A	QGVVRtLsssAQEDIIRWFK
Q9H832	UBE2Z_HUMAN Ubiquitin-conjugating enzyme E2 Z GN=UBE2Z	AEMDsDssssGTETDLHGSL
Q9HBL0	TENS1_HUMAN Tensin-1 GN=TNS1	DysLQHFsssPEsQARAQFs
Q9NQC3	RTN4_HUMAN Reticulon-4 GN=RTN4	LDQsPLVsssDsPPRPQPAF
Q9NS56	TOPRS_HUMAN E3 ubiquitin-protein ligase Topors GN=TOPORS	RAHysRQsssPEFRVQSFSE
Q9NWZ3	IRAK4_HUMAN Interleukin-1 receptor-associated kinase 4 GN=IRAK4	QSYMPPDsssPENKsLEVSD
Q9NYV4	CDK12_HUMAN Cyclin-dependent kinase 12 GN=CDK12	sPysRRRsssYERSGsysGR
Q9P0X4	CAC11_HUMAN Voltage-dependent T-type calcium channel subunit alpha-1I GN=CACNA1I	SYSDQDQsssNIEEFDKLQE
Q9P206-2	K1522_HUMAN Isoform 2 of Uncharacterized protein KIAA1522 GN=KIAA1522	PRSRHPsssDTWSHSQSSD



Q9P206	K1522_HUMAN Uncharacterized protein KIAA1522 GN=KIAA1522	PRsRHPsSSSSDTWshsQSSD
Q9P275	UBP36_HUMAN Ubiquitin carboxyl-terminal hydrolase 36 GN=USP36	LDRRGsSSSSPEHsAssDST
Q9UDY2	ZO2_HUMAN Tight junction protein ZO-2 GN=TJP2	ysDyDyHsssEKLKERPssR
Q9UGJ0	AAKG2_HUMAN 5'-AMP-activated protein kinase subunit gamma-2 GN=PRKAG2	sFSGIFRsssKESsPNSNPA
Q9UHB7	AFF4_HUMAN AF4/FMR2 family member 4 GN=AFF4	KtEGKtSSSSKEVKEKAPSS
Q9UJ14	GGT7_HUMAN Gamma-glutamyltransferase 7 GN=GGT7	RLQRLPSSSSEMGsQDGsPL
Q9UJF2	NGAP_HUMAN Ras GTPase-activating protein nGAP GN=RASAL2	sRsRQQSSSSREsPVPKVRA
Q9UPN3-2	MACF1_HUMAN Isoform 2 of Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5 GN=MACF1	GKRRRMLSSSDAITQEFMDL
Q9UPN4	CP131_HUMAN Centrosomal protein of 131 kDa GN=CEP131	tLPSNARSSSALDsPAGPRR
Q9UQ35	SRRM2_HUMAN Serine/arginine repetitive matrix protein 2 GN=SRRM2	PRysHsGSSSPDtKVKPEtP
Q9UQ35	SRRM2_HUMAN Serine/arginine repetitive matrix protein 2 GN=SRRM2	RQRsHsGSSSPsPsRVtSRt
Q9UQ35	SRRM2_HUMAN Serine/arginine repetitive matrix protein 2 GN=SRRM2	RtPsRERSSSAssPEMKDGL
Q9UQ35	SRRM2_HUMAN Serine/arginine repetitive matrix protein 2 GN=SRRM2	YSLVRESSSSRsPtPKQKKK
Q9UQ35	SRRM2_HUMAN Serine/arginine repetitive matrix protein 2 GN=SRRM2	ssSSsSSSSSPsPAKPGPQ
Q9UQ35	SRRM2_HUMAN Serine/arginine repetitive matrix protein 2 GN=SRRM2	ssSSSSSSSSSSSSSSSP
Q9UQF2	JIP1_HUMAN C-Jun-amino-terminal kinase-interacting protein 1 GN=MAPK8IP1	FMSGRsRsssAESFGLFSCI
Q9Y2F5	ICE1_HUMAN Little elongation complex subunit 1 GN=ICE1	TAFVKtGSSGGDCNQDKSR
Q9Y2J0	RP3A_HUMAN Rabphilin-3A GN=RPH3A	ASEARMSSSSRDsEsWDHSG
Q9Y2J4	AMOL2_HUMAN Angiotenin-like protein 2 GN=AMOTL2	HsPQPpPSSSFNEGLLTGGH
Q9Y2W1	TR150_HUMAN Thyroid hormone receptor-associated protein 3 GN=THRAP3	KSAKEKKSSSKDsRPsQAAG
Q9Y5U2	TSSC4_HUMAN Protein TSSC4 GN=TSSC4	RDHFRNKSSSPEDPGAEV--
Q9Y6E0	STK24_HUMAN Serine/threonine-protein kinase 24 GN=STK24	AEQSHDDSSSEDSAEtDGQ
Q9Y6R1	S4A4_HUMAN Electrogenic sodium bicarbonate cotransporter 1 GN=SLC4A4	MtHRNltSSSLNDISDKPEK
Q9Y6X4	F169A_HUMAN Soluble lamin-associated protein of 75 kDa GN=FAM169A	RFQDsEFSSSQGEDEKtSQT
O15541	R113A_HUMAN RING finger protein 113A GN=RNF113A	PGEsGSSSDEGCTVVR
Q68E01	INT3_HUMAN Integrator complex subunit 3 GN=INTS3	EEEsGSSSAsEEEDTK
Q8N5F7	NKAP_HUMAN NF-kappa-B-activating protein GN=NKAP	KESSDSSSKesQEEFL
Q969I6	S38A4_HUMAN Sodium-coupled neutral amino acid transporter 4 GN=SLC38A4	EPDDESSSGEsAPDsy

Q96EQ0	SGTB_HUMAN Small glutamine-rich tetratricopeptide repeat-containing protein beta GN=SGTB	RsRsFsssAEEHs---
Q96PX1	RN157_HUMAN RING finger protein 157 GN=RNF157	QRRRLssssLEDSETR
Q96PX1	RN157_HUMAN RING finger protein 157 GN=RNF157	RRRLssssLEDSETRP
Q99590	SCAFB_HUMAN Protein SCAF11 GN=SCAF11	AAPEKsssNDsVDEEt
Q9NP61	ARFG3_HUMAN ADP-ribosylation factor GTPase-activating protein 3 GN=ARFGAP3	ERLsAsssIssADLFE
Q9UGV2	NDRG3_HUMAN Protein NDRG3 GN=NDRG3	RtHstssslGsGEsPF
Q9UPU5	UBP24_HUMAN Ubiquitin carboxyl-terminal hydrolase 24 GN=USP24	IRNRLsssgsNCssGs
Q9Y4B4	ARIP4_HUMAN Helicase ARIP4 GN=RAD54L2	VICLDsssgsEDEKSS
Q9Y5K6	CD2AP_HUMAN CD2-associated protein GN=CD2AP	LRtRtssSEtEEKKPE