SUPPLEMENTARY DATA

Table S1. List of proteins identified by mass spectrometry in three biological replicates (three independent screening experiments with slightly different conditions: Gel1 and Gel2: without detergent, Gel 3: with 0.1% detergent). Hits are represented according to the number of peptides identified with a false discovery rate of all peptide and protein identifications set to less than 1 % (FDR<1%).

Identifier (Swiss-Prot)	Gel1	Gel2	Gel3	MW (Kda)	Description
MSH3_HUMAN		**22**	**31**	**127,4**	DNA mismatch repair protein Msh3 *Homo sapiens*
KIF4A_HUMAN		**18**	**9**	**139,9**	Chromosomeassociated kinesin KIF4A Homo sapiens
SYDM_HUMAN		**16**		**73,6**	AspartatetRNA ligase, mitochondrial Homo sapiens
TCRG1_HUMAN	**3**	**13**	**3**	**123,9**	Transcription elongation regulator 1 *Homo sapiens*
CKAP5_HUMAN		**12**	**10**	**225,5**	Cytoskeletonassociated protein 5 Homo sapiens
DIP2B_HUMAN		**10**		**171,5**	Discointeracting protein 2 homolog B Homo sapiens
CTND1_HUMAN	**8**	**9**		**108,2**	Catenin delta1 Homo sapiens
NCKP1_HUMAN		**9**		**128,8**	Nckassociated protein 1 Homo sapiens
TYDP1_HUMAN	**12**	**8**	**7**	**68,4**	TyrosylDNA phosphodiesterase 1 Homo sapiens
EWS_HUMAN	**10**	**7**	**11**	**68,5**	RNAbinding protein EWS Homo sapiens
KIFC1_HUMAN	**9**	**7**	**7**	**73,7**	Kinesinlike protein KIFC1 Homo sapiens
SHOT1_HUMAN	**3**	**7**	**5**	**71,6**	Shootin1 Homo sapiens
AHNK2_HUMAN		**7**		**616,6**	Protein AHNAK2 *Homo sapiens*
DDX1_HUMAN	**8**	**6**	**23**	**82,4**	ATPdependent RNA helicase DDX1 Homo sapiens
AP3B1_HUMAN		**6**		**121,3**	AP3 complex subunit beta1 Homo sapiens
UBP28_HUMAN		**6**		**122,5**	Ubiquitin carboxylterminal hydrolase 28 Homo sapiens
PRC2C_HUMAN		**5**	**29**	**316,9**	Protein PRRC2C *Homo sapiens*
AP3D1_HUMAN		**5**		**130,2**	AP3 complex subunit delta1 Homo sapiens
ARHG5_HUMAN		**5**		**176,8**	Rho guanine nucleotide exchange factor 5 *Homo sapiens*
LR16A_HUMAN		**5**		**151,6**	Leucinerich repeatcontaining protein 16A Homo sapiens
RPOM_HUMAN		**5**		**138,6**	DNAdirected RNA polymerase, mitochondrial Homo sapiens
SK2L2_HUMAN		**5**		**117,8**	Superkiller viralicidic activity 2like 2 Homo sapiens
STK10_HUMAN		**5**		**112,1**	Serine/threonineprotein kinase 10 Homo sapiens
THYN1_HUMAN	**20**	**4**	**9**	**25,7**	Thymocyte nuclear protein 1 *Homo sapiens*
HNRPD_HUMAN	**18**	**4**		**38,4**	Heterogeneous nuclear ribonucleoprotein D0 *Homo sapiens*
SAMD1_HUMAN	**6**	**4**		**56,1**	Atherin *Homo sapiens*
ERF_HUMAN	**3**	**4**		**58,7**	ETS domaincontaining transcription factor ERF Homo sapiens
SWP70_HUMAN		**4**		**69**	Switchassociated protein 70 Homo sapiens
MAP1S_HUMAN		**4**		**112,2**	Microtubuleassociated protein 1S Homo sapiens
FANCI_HUMAN		**4**		**149,3**	Fanconi anemia group I protein *Homo sapiens*
KCD14_HUMAN		**4**		**29,6**	BTB/POZ domaincontaining protein KCTD14 Homo sapiens
TPMT_HUMAN		**4**		**28,2**	Thiopurine Smethyltransferase Homo sapiens
CN166_HUMAN	**6**	**3**	**6**	**28,1**	UPF0568 protein C14orf166 *Homo sapiens*
SBDS_HUMAN		**3**	**6**	**28,8**	Ribosome maturation protein SBDS *Homo sapiens*
FEN1_HUMAN	**26**	**3**	**4**	**42,6**	Flap endonuclease 1 *Homo sapiens*
FLII_HUMAN		**3**	**4**	**144,8**	Protein flightless1 homolog Homo sapiens
ETHE1_HUMAN		**3**	**3**	**27,9**	Protein ETHE1, mitochondrial *Homo sapiens*
RPC2_HUMAN		**3**	**3**	**127,8**	DNAdirected RNA polymerase III subunit RPC2 Homo sapiens

NUMB_HUMAN	**10**	**3**		**70,8**	Protein numb homolog *Homo sapiens*
HOP2_HUMAN	**5**	**3**		**24,9**	Homologouspairing protein 2 homolog Homo sapiens
BDH2_HUMAN	**4**	**3**		**26,7**	3hydroxybutyrate dehydrogenase type 2 Homo sapiens
K0907_HUMAN	**3**	**3**		**64,8**	UPF0469 protein KIAA0907 *Homo sapiens*
NEP1_HUMAN	**3**	**3**		**26,7**	Ribosomal RNA small subunit methyltransferase NEP1 *Homo sapiens*
SUMO2_HUMAN	**3**	**3**		**10,9**	Small ubiquitinrelated modifier 2 Homo sapiens
CD2AP_HUMAN		**3**		**71,5**	CD2associated protein Homo sapiens
I2BPL_HUMAN		**3**		**82,7**	Interferon regulatory factor 2binding proteinlike Homo sapiens
PAPS1_HUMAN		**3**		**70,8**	Bifunctional 3'phosphoadenosine 5'phosphosulfate synthase 1 Homo sapiens
ANM5_HUMAN		**3**		**72,7**	Protein arginine Nmethyltransferase 5 Homo sapiens
DCNL1_HUMAN		**3**		**30,1**	DCN1like protein 1 Homo sapiens
DIAP3_HUMAN		**3**		**136,9**	Protein diaphanous homolog 3 *Homo sapiens*
HDAC4_HUMAN		**3**		**119**	Histone deacetylase 4 *Homo sapiens*
PERQ1_HUMAN		**3**		**114,6**	PERQ amino acidrich with GYF domaincontaining protein 1 Homo sapiens
RB3GP_HUMAN		**3**		**110,5**	Rab3 GTPaseactivating protein catalytic subunit Homo sapiens
NUMA1_HUMAN			**89**	**238,3**	Nuclear mitotic apparatus protein 1 *Homo sapiens*
DNLI3_HUMAN			**68**	**112,9**	DNA ligase 3 *Homo sapiens*
HLTF_HUMAN			**67**	**113,9**	Helicaselike transcription factor Homo sapiens
HELC1_HUMAN			**46**	**251,5**	Activating signal cointegrator 1 complex subunit 3 *Homo sapiens*
UBF1_HUMAN			**44**	**89,4**	Nucleolar transcription factor 1 *Homo sapiens*
HNRPU_HUMAN	**35**		**37**	**90,6**	Heterogeneous nuclear ribonucleoprotein U *Homo sapiens*
DIDO1_HUMAN			**36**	**243,9**	Deathinducer obliterator 1 Homo sapiens
KIF14_HUMAN			**36**	**186,5**	Kinesinlike protein KIF14 Homo sapiens
TTF2_HUMAN			**34**	**129,6**	Transcription termination factor 2 *Homo sapiens*
NONO_HUMAN			**33**	**54,2**	NonPOU domaincontaining octamerbinding protein Homo sapiens
ZN638_HUMAN			**32**	**220,6**	Zinc finger protein 638 *Homo sapiens*
DNMT1_HUMAN	**3**		**28**	**183,2**	DNA (cytosine5)methyltransferase 1 Homo sapiens
UHRF1_HUMAN	**19**		**27**	**89,8**	E3 ubiquitinprotein ligase UHRF1 Homo sapiens
SMAL1_HUMAN			**26**	**105,9**	SWI/SNFrelated matrixassociated actindependent regulator of chromatin subfamily Alike protein 1 Homo sapiens
CHD1L_HUMAN			**24**	**101**	ChromodomainhelicaseDNAbinding protein 1like Homo sapiens
PRC2A_HUMAN			**24**	**228,9**	Protein PRRC2A *Homo sapiens*
U520_HUMAN			**24**	**244,5**	U5 small nuclear ribonucleoprotein 200 kDa helicase *Homo sapiens*
RPA1_HUMAN			**22**	**194,8**	DNAdirected RNA polymerase I subunit RPA1 Homo sapiens
NAV1_HUMAN			**21**	**202,5**	Neuron navigator 1 *Homo sapiens*
RPB1_HUMAN			**21**	**217,2**	DNAdirected RNA polymerase II subunit RPB1 Homo sapiens
TR150_HUMAN			**20**	**108,7**	Thyroid hormone receptorassociated protein 3 Homo sapiens
SMHD1_HUMAN			**20**	**226,4**	Structural maintenance of chromosomes flexible hinge domaincontaining protein 1 Homo sapiens
XRCC1_HUMAN	**8**		**19**	**69,5**	DNA repair protein XRCC1 *Homo sapiens*
DPOG1_HUMAN			**19**	**139,6**	DNA polymerase subunit gamma1 Homo sapiens
NUFP2_HUMAN			**19**	**76,1**	Nuclear fragile X mental retardationinteracting protein 2 Homo sapiens
NUSAP_HUMAN			**19**	**49,5**	Nucleolar and spindleassociated protein 1 Homo sapiens
IF16_HUMAN	**16**		**18**	**88,3**	Gammainterferoninducible protein 16 Homo sapiens
CLAP1_HUMAN			**18**	**169,5**	CLIPassociating protein 1 Homo sapiens
CLAP2_HUMAN			**18**	**141,1**	CLIPassociating protein 2 Homo sapiens
HP1B3_HUMAN			**18**	**61,2**	Heterochromatin protein 1binding protein 3 Homo sapiens
RFC1_HUMAN			**18**	**128,3**	Replication factor C subunit 1 *Homo sapiens*
RTCB_HUMAN			**17**	**55,2**	tRNAsplicing ligase RtcB homolog Homo sapiens

TOP1_HUMAN			**17**	**90,7**	DNA topoisomerase 1 *Homo sapiens*
CE170_HUMAN			**16**	**175,3**	Centrosomal protein of 170 kDa *Homo sapiens*
DPOE1_HUMAN			**16**	**261,5**	DNA polymerase epsilon catalytic subunit A *Homo sapiens*
IMDH2_HUMAN			**16**	**55,8**	Inosine5'monophosphate dehydrogenase 2 Homo sapiens
FBX18_HUMAN			**15**	**117,7**	Fbox only protein 18 Homo sapiens
RAD50_HUMAN			**15**	**153,9**	DNA repair protein RAD50 *Homo sapiens*
YBOX1_HUMAN	**12**		**14**	**35,9**	Nucleasesensitive elementbinding protein 1 Homo sapiens
CHD4_HUMAN			**14**	**218**	ChromodomainhelicaseDNAbinding protein 4 Homo sapiens
CTRO_HUMAN			**14**	**231,4**	Citron Rhointeracting kinase Homo sapiens
DNJC9_HUMAN	**9**		**13**	**29,9**	DnaJ homolog subfamily C member 9 *Homo sapiens*
PARP9_HUMAN			**13**	**96,3**	Poly [ADPribose] polymerase 9 Homo sapiens
RS6_HUMAN			**13**	**28,7**	40S ribosomal protein S6 *Homo sapiens*
SMCA4_HUMAN			**13**	**184,6**	Transcription activator BRG1 *Homo sapiens*
ZCH18_HUMAN			**13**	**106,4**	Zinc finger CCCH domaincontaining protein 18 Homo sapiens
PNKP_HUMAN	**6**		**12**	**57,1**	Bifunctional polynucleotide phosphatase/kinase *Homo sapiens*
RBM4_HUMAN	**6**		**12**	**40,3**	RNAbinding protein 4 Homo sapiens
DTX3L_HUMAN			**12**	**83,6**	E3 ubiquitinprotein ligase DTX3L Homo sapiens
TPX2_HUMAN			**12**	**85,7**	Targeting protein for Xklp2 *Homo sapiens*
YLPM1_HUMAN			**12**	**220**	YLP motifcontaining protein 1 Homo sapiens
CC037_HUMAN	**16**		**11**	**40,6**	UPF0361 protein C3orf37 *Homo sapiens*
TFAM_HUMAN	**8**		**11**	**29,1**	Transcription factor A, mitochondrial *Homo sapiens*
ATR_HUMAN			**11**	**301,4**	Serine/threonineprotein kinase ATR Homo sapiens
DLG5_HUMAN			**11**	**213,9**	Disks large homolog 5 *Homo sapiens*
RPC1_HUMAN			**11**	**155,6**	DNAdirected RNA polymerase III subunit RPC1 Homo sapiens
TCOF_HUMAN			**11**	**152,1**	Treacle protein *Homo sapiens*
ZO2_HUMAN			**10**	**134**	Tight junction protein ZO2 Homo sapiens
CT072_HUMAN			**10**	**39,4**	Uncharacterized protein C20orf72 *Homo sapiens*
BCLF1_HUMAN			**10**	**106,1**	Bcl2associated transcription factor 1 Homo sapiens
FIBB_HUMAN			**10**	**55,9**	Fibrinogen beta chain *Homo sapiens*
GEMI5_HUMAN			**10**	**168,6**	Gemassociated protein 5 Homo sapiens
MARK2_HUMAN			**10**	**87,9**	Serine/threonineprotein kinase MARK2 Homo sapiens
RPC5_HUMAN			**10**	**79,9**	DNAdirected RNA polymerase III subunit RPC5 Homo sapiens
TCP4_HUMAN	**10**		**9**	**14,4**	Activated RNA polymerase II transcriptional coactivator p15 *Homo sapiens*
ASSY_HUMAN	**3**		**9**	**46,5**	Argininosuccinate synthase *Homo sapiens*
CAMP2_HUMAN			**9**	**168,1**	Calmodulinregulated spectrinassociated protein 2 Homo sapiens
CARF_HUMAN			**9**	**61,1**	CDKN2Ainteracting protein Homo sapiens
COPB_HUMAN			**9**	**107,1**	Coatomer subunit beta *Homo sapiens*
DHX36_HUMAN			**9**	**114,8**	Probable ATPdependent RNA helicase DHX36 Homo sapiens
EMAL3_HUMAN			**9**	**95,2**	Echinoderm microtubuleassociated proteinlike 3 Homo sapiens
NAV2_HUMAN			**9**	**268,2**	Neuron navigator 2 *Homo sapiens*
NCLN_HUMAN			**9**	**63**	Nicalin *Homo sapiens*
NCOA5_HUMAN			**9**	**65,5**	Nuclear receptor coactivator 5 *Homo sapiens*
RPAC1_HUMAN			**9**	**39,2**	DNAdirected RNA polymerases I and III subunit RPAC1 Homo sapiens
TOP3A_HUMAN			**9**	**112,4**	DNA topoisomerase 3alpha Homo sapiens
WRN_HUMAN			**9**	**162,5**	Werner syndrome ATPdependent helicase Homo sapiens
ZN318_HUMAN			**9**	**251,1**	Zinc finger protein 318 *Homo sapiens*
F262_HUMAN	**10**		**8**	**58,5**	6phosphofructo2kinase/fructose2,6bisphosphatase 2 Homo sapiens
SEPT2_HUMAN	**5**		**8**	**41,5**	Septin2 Homo sapiens
MRE11_HUMAN			**8**	**80,6**	Doublestrand break repair protein MRE11A Homo sapiens

LARP1_HUMAN			**8**	**123,5**	Larelated protein 1 Homo sapiens
CAPR1_HUMAN			**8**	**78,4**	Caprin1 Homo sapiens
COPG_HUMAN			**8**	**97,7**	Coatomer subunit gamma *Homo sapiens*
ABCF2_HUMAN			**8**	**71,3**	ATPbinding cassette subfamily F member 2 Homo sapiens
ASCC2_HUMAN			**8**	**86,4**	Activating signal cointegrator 1 complex subunit 2 *Homo sapiens*
AXIN1_HUMAN			**8**	**95,6**	Axin1 Homo sapiens
CND1_HUMAN			**8**	**157,2**	Condensin complex subunit 1 *Homo sapiens*
DHAK_HUMAN			**8**	**58,9**	Bifunctional ATPdependent dihydroxyacetone kinase/FADAMP lyase (cyclizing) Homo sapiens
LEMD2_HUMAN			**8**	**57**	LEM domaincontaining protein 2 Homo sapiens
LETM1_HUMAN			**8**	**83,4**	LETM1 and EFhand domaincontaining protein 1, mitochondrial Homo sapiens
PI51A_HUMAN			**8**	**62,6**	Phosphatidylinositol4phosphate 5kinase type1 alpha Homo sapiens
RIF1_HUMAN			**8**	**274,5**	Telomereassociated protein RIF1 Homo sapiens
RL24_HUMAN			**8**	**17,8**	60S ribosomal protein L24 *Homo sapiens*
TIM44_HUMAN			**8**	**51,4**	Mitochondrial import inner membrane translocase subunit TIM44 *Homo sapiens*
TRAF4_HUMAN			**8**	**53,5**	TNF receptorassociated factor 4 Homo sapiens
DBPA_HUMAN	**9**		**7**	**40,1**	DNAbinding protein A Homo sapiens
3MG_HUMAN	**8**		**7**	**32,9**	DNA3methyladenine glycosylase Homo sapiens
RFA2_HUMAN	**6**		**7**	**29,2**	Replication protein A 32 kDa subunit *Homo sapiens*
GSK3A_HUMAN	**5**		**7**	**51**	Glycogen synthase kinase3 alpha Homo sapiens
SRSF3_HUMAN	**4**		**7**	**19,3**	Serine/arginінerich splicing factor 3 Homo sapiens
HXK2_HUMAN	**3**		**7**	**102,4**	Hexokinase2 Homo sapiens
DYHC1_HUMAN			**7**	**532,4**	Cytoplasmic dynein 1 heavy chain 1 *Homo sapiens*
H31T_HUMAN			**7**	**15,5**	Histone H3.1t *Homo sapiens*
ASPH_HUMAN			**7**	**85,9**	Aspartyl/asparaginyl betahydroxylase Homo sapiens
AZI1_HUMAN			**7**	**122,1**	5azacytidineinduced protein 1 Homo sapiens
CAMP3_HUMAN			**7**	**134,8**	Calmodulinregulated spectrinassociated protein 3 Homo sapiens
CN043_HUMAN			**7**	**115**	Uncharacterized protein C14orf43 *Homo sapiens*
CN37_HUMAN			**7**	**47,6**	2',3'cyclicnucleotide 3'phosphodiesterase Homo sapiens
COPD_HUMAN			**7**	**57,2**	Coatomer subunit delta *Homo sapiens*
HDAC1_HUMAN			**7**	**55,1**	Histone deacetylase 1 *Homo sapiens*
IMDH1_HUMAN			**7**	**55,4**	Inosine5'monophosphate dehydrogenase 1 Homo sapiens
KIF23_HUMAN			**7**	**110,1**	Kinesinlike protein KIF23 Homo sapiens
NOP14_HUMAN			**7**	**97,7**	Nucleolar protein 14 *Homo sapiens*
PRP8_HUMAN			**7**	**273,6**	PremRNAprocessingsplicing factor 8 Homo sapiens
RBM27_HUMAN			**7**	**118,7**	RNAbinding protein 27 Homo sapiens
RRBP1_HUMAN			**7**	**152,5**	Ribosomebinding protein 1 Homo sapiens
SEC63_HUMAN			**7**	**88**	Translocation protein SEC63 homolog *Homo sapiens*
SYSC_HUMAN			**7**	**58,8**	SerinetRNA ligase, cytoplasmic Homo sapiens
TIM_HUMAN			**7**	**138,7**	Protein timeless homolog *Homo sapiens*
TREX1_HUMAN			**7**	**38,9**	Three prime repair exonuclease 1 *Homo sapiens*
VAPA_HUMAN			**7**	**27,9**	Vesicleassociated membrane proteinassociated protein A Homo sapiens
RBM22_HUMAN	**7**		**6**	**46,9**	PremRNAsplicing factor RBM22 Homo sapiens
NIBL1_HUMAN	**6**		**6**	**84,1**	Nibanlike protein 1 Homo sapiens
KIF1C_HUMAN	**3**		**6**	**122,9**	Kinesinlike protein KIF1C Homo sapiens
UN45A_HUMAN	**3**		**6**	**103,1**	Protein unc45 homolog A Homo sapiens
SLTM_HUMAN			**6**	**117,1**	SAFBlike transcription modulator Homo sapiens
DDB2_HUMAN			**6**	**47,9**	DNA damagebinding protein 2 Homo sapiens

H33_HUMAN			6	**15,3**	Histone H3.3 *Homo sapiens*
2AAA_HUMAN			**6**	**65,3**	Serine/threonineprotein phosphatase 2A 65 kDa regulatory subunit A alpha isoform Homo sapiens
ACAD9_HUMAN			**6**	**68,8**	AcylCoA dehydrogenase family member 9, mitochondrial Homo sapiens
ACADM_HUMAN			**6**	**46,6**	Mediumchain specific acylCoA dehydrogenase, mitochondrial Homo sapiens
ACD11_HUMAN			**6**	**87,3**	AcylCoA dehydrogenase family member 11 Homo sapiens
ADNP_HUMAN			**6**	**123,6**	Activitydependent neuroprotector homeobox protein Homo sapiens
AMPD2_HUMAN			**6**	**100,7**	AMP deaminase 2 *Homo sapiens*
CATA_HUMAN			**6**	**59,8**	Catalase *Homo sapiens*
IMA1_HUMAN			**6**	**60,2**	Importin subunit alpha1 Homo sapiens
KHDR1_HUMAN			**6**	**48,2**	KH domaincontaining, RNAbinding, signal transductionassociated protein 1 Homo sapiens
PACN2_HUMAN			**6**	**55,7**	Protein kinase C and casein kinase substrate in neurons protein 2 *Homo sapiens*
PHLB2_HUMAN			**6**	**142,2**	Pleckstrin homologylike domain family B member 2 Homo sapiens
RBBP6_HUMAN			**6**	**201,6**	E3 ubiquitinprotein ligase RBBP6 Homo sapiens
RBM15_HUMAN			**6**	**107,2**	Putative RNAbinding protein 15 Homo sapiens
RL17_HUMAN			**6**	**21,4**	60S ribosomal protein L17 *Homo sapiens*
RPAB1_HUMAN			**6**	**24,6**	DNAdirected RNA polymerases I, II, and III subunit RPABC1 Homo sapiens
RPB2_HUMAN			**6**	**133,9**	DNAdirected RNA polymerase II subunit RPB2 Homo sapiens
RS19_HUMAN			**6**	**16,1**	40S ribosomal protein S19 *Homo sapiens*
SAC1_HUMAN			**6**	**67**	Phosphatidylinositide phosphatase SAC1 *Homo sapiens*
SAFB2_HUMAN			**6**	**107,5**	Scaffold attachment factor B2 *Homo sapiens*
SERC_HUMAN			**6**	**40,4**	Phosphoserine aminotransferase *Homo sapiens*
TP53B_HUMAN			**6**	**213,6**	Tumor suppressor p53binding protein 1 Homo sapiens
TRI25_HUMAN			**6**	**71**	E3 ubiquitin/ISG15 ligase TRIM25 *Homo sapiens*
WDR1_HUMAN			**6**	**66,2**	WD repeatcontaining protein 1 Homo sapiens
ZNFX1_HUMAN			**6**	**220,2**	NFX1type zinc fingercontaining protein 1 Homo sapiens
GSK3B_HUMAN	**13**		**5**	**46,7**	Glycogen synthase kinase3 beta Homo sapiens
DPOLB_HUMAN	**7**		**5**	**38,2**	DNA polymerase beta *Homo sapiens*
HMMR_HUMAN	**6**		**5**	**84,1**	Hyaluronan mediated motility receptor *Homo sapiens*
RBM26_HUMAN	**4**		**5**	**113,6**	RNAbinding protein 26 Homo sapiens
U2AF1_HUMAN	**3**		**5**	**27,9**	Splicing factor U2AF 35 kDa subunit *Homo sapiens*
CTR9_HUMAN			**5**	**133,5**	RNA polymeraseassociated protein CTR9 homolog Homo sapiens
AURKA_HUMAN			**5**	**45,8**	Aurora kinase A *Homo sapiens*
RNZ2_HUMAN			**5**	**92,2**	Zinc phosphodiesterase ELAC protein 2 *Homo sapiens*
ANM1_HUMAN			**5**	**41,5**	Protein arginine Nmethyltransferase 1 Homo sapiens
AP1G1_HUMAN			**5**	**91,4**	AP1 complex subunit gamma1 Homo sapiens
AQR_HUMAN			**5**	**171,3**	Intronbinding protein aquarius Homo sapiens
DNJA2_HUMAN			**5**	**45,7**	DnaJ homolog subfamily A member 2 *Homo sapiens*
DOCK7_HUMAN			**5**	**242,6**	Dedicator of cytokinesis protein 7 *Homo sapiens*
DPM1_HUMAN			**5**	**29,6**	Dolicholphosphate mannosyltransferase Homo sapiens
ESYT2_HUMAN			**5**	**102,4**	Extended synaptotagmin2 Homo sapiens
FA98A_HUMAN			**5**	**55,4**	Protein FAM98A *Homo sapiens*
FXR1_HUMAN			**5**	**69,7**	Fragile X mental retardation syndromerelated protein 1 Homo sapiens
G3BP1_HUMAN			**5**	**52,2**	Ras GTPaseactivating proteinbinding protein 1 Homo sapiens
H1X_HUMAN			**5**	**22,5**	Histone H1x *Homo sapiens*
HDAC2_HUMAN			**5**	**55,4**	Histone deacetylase 2 *Homo sapiens*
IMA7_HUMAN			**5**	**60**	Importin subunit alpha7 Homo sapiens

KCAB2_HUMAN			**5**	**41**	Voltagegated potassium channel subunit beta2 Homo sapiens
LYRIC_HUMAN			**5**	**63,8**	Protein LYRIC *Homo sapiens*
MARK3_HUMAN			**5**	**84,5**	MAP/microtubule affinityregulating kinase 3 Homo sapiens
MCM6_HUMAN			**5**	**92,9**	DNA replication licensing factor MCM6 *Homo sapiens*
MLH1_HUMAN			**5**	**84,6**	DNA mismatch repair protein Mlh1 *Homo sapiens*
NOP58_HUMAN			**5**	**59,6**	Nucleolar protein 58 *Homo sapiens*
NU153_HUMAN			**5**	**153,9**	Nuclear pore complex protein Nup153 *Homo sapiens*
NUDT9_HUMAN			**5**	**39,1**	ADPribose pyrophosphatase, mitochondrial Homo sapiens
PAK2_HUMAN			**5**	**58**	Serine/threonineprotein kinase PAK 2 Homo sapiens
PARP2_HUMAN			**5**	**66,2**	Poly [ADPribose] polymerase 2 Homo sapiens
POGZ_HUMAN			**5**	**155,3**	Pogo transposable element with ZNF domain *Homo sapiens*
PSMD3_HUMAN			**5**	**61**	26S proteasome nonATPase regulatory subunit 3 Homo sapiens
REPI1_HUMAN			**5**	**63,6**	Replication initiator 1 *Homo sapiens*
RPAB3_HUMAN			**5**	**17,1**	DNAdirected RNA polymerases I, II, and III subunit RPABC3 Homo sapiens
RPC4_HUMAN			**5**	**44,4**	DNAdirected RNA polymerase III subunit RPC4 Homo sapiens
RPC6_HUMAN			**5**	**35,7**	DNAdirected RNA polymerase III subunit RPC6 Homo sapiens
SMRC1_HUMAN			**5**	**122,9**	SWI/SNF complex subunit SMARCC1 *Homo sapiens*
SYIC_HUMAN			**5**	**144,5**	IsoleucinetRNA ligase, cytoplasmic Homo sapiens
TSR1_HUMAN			**5**	**91,8**	PrerRNAprocessing protein TSR1 homolog Homo sapiens
UFL1_HUMAN			**5**	**89,6**	E3 UFM1protein ligase 1 Homo sapiens
ZN598_HUMAN			**5**	**98,6**	Zinc finger protein 598 *Homo sapiens*
FOXK1_HUMAN	**10**		**4**	**75,5**	Forkhead box protein K1 *Homo sapiens*
STA5B_HUMAN	**9**		**4**	**89,9**	Signal transducer and activator of transcription 5B *Homo sapiens*
NC2A_HUMAN	**8**		**4**	**22,3**	Dr1associated corepressor Homo sapiens
ZCCHV_HUMAN	**8**		**4**	**101,4**	Zinc finger CCCHtype antiviral protein 1 Homo sapiens
PURB_HUMAN	**5**		**4**	**33,2**	Transcriptional activator protein Purbeta Homo sapiens
REEP5_HUMAN	**3**		**4**	**21,5**	Receptor expressionenhancing protein 5 Homo sapiens
UBP7_HUMAN			**4**	**128,3**	Ubiquitin carboxylterminal hydrolase 7 Homo sapiens
DBR1_HUMAN			**4**	**61,6**	Lariat debranching enzyme *Homo sapiens*
PTGR1_HUMAN			**4**	**35,9**	Prostaglandin reductase 1 *Homo sapiens*
RBM39_HUMAN			**4**	**59,4**	RNAbinding protein 39 Homo sapiens
YTHD2_HUMAN			**4**	**62,3**	YTH domain family protein 2 *Homo sapiens*
1C12_HUMAN			**4**	**40,9**	HLA class I histocompatibility antigen, Cw12 alpha chain Homo sapiens
ACOX1_HUMAN			**4**	**74,4**	Peroxisomal acylcoenzyme A oxidase 1 Homo sapiens
RFC3_HUMAN			**4**	**40,6**	Replication factor C subunit 3 *Homo sapiens*
SYFA_HUMAN			**4**	**57,6**	PhenylalaninetRNA ligase alpha subunit Homo sapiens
TECR_HUMAN			**4**	**36**	Trans2,3enoylCoA reductase Homo sapiens
AATC_HUMAN			**4**	**46,2**	Aspartate aminotransferase, cytoplasmic *Homo sapiens*
ACL6A_HUMAN			**4**	**47,5**	Actinlike protein 6A Homo sapiens
ASCC1_HUMAN			**4**	**45,5**	Activating signal cointegrator 1 complex subunit 1 *Homo sapiens*
ASH2L_HUMAN			**4**	**68,7**	Set1/Ash2 histone methyltransferase complex subunit ASH2 *Homo sapiens*
AT5F1_HUMAN			**4**	**28,9**	ATP synthase subunit b, mitochondrial *Homo sapiens*
CC165_HUMAN			**4**	**208,7**	Coiledcoil domaincontaining protein 165 Homo sapiens
CCD47_HUMAN			**4**	**55,9**	Coiledcoil domaincontaining protein 47 Homo sapiens
CGL_HUMAN			**4**	**44,5**	Cystathionine gammalyase Homo sapiens
CHTOP_HUMAN			**4**	**26,4**	Chromatin target of PRMT1 protein *Homo sapiens*
CISY_HUMAN			**4**	**51,7**	Citrate synthase, mitochondrial *Homo sapiens*
DIC_HUMAN			**4**	**31,3**	Mitochondrial dicarboxylate carrier *Homo sapiens*

DPOG2_HUMAN			**4**	**54,9**	DNA polymerase subunit gamma2, mitochondrial Homo sapiens
ECI2_HUMAN			**4**	**43,6**	EnoylCoA delta isomerase 2, mitochondrial Homo sapiens
ELYS_HUMAN			**4**	**252,5**	Protein ELYS *Homo sapiens*
EMD_HUMAN			**4**	**29**	Emerin *Homo sapiens*
G3BP2_HUMAN			**4**	**54,1**	Ras GTPaseactivating proteinbinding protein 2 Homo sapiens
HNRLL_HUMAN			**4**	**60,1**	Heterogeneous nuclear ribonucleoprotein Llike Homo sapiens
IGHG1_HUMAN			**4**	**36,1**	Ig gamma1 chain C region Homo sapiens
KIF22_HUMAN			**4**	**73,3**	Kinesinlike protein KIF22 Homo sapiens
LIPB1_HUMAN			**4**	**114**	Liprinbeta1 Homo sapiens
LIS1_HUMAN			**4**	**46,6**	Plateletactivating factor acetylhydrolase IB subunit alpha Homo sapiens
NMT1_HUMAN			**4**	**56,8**	Glycylpeptide Ntetradecanoyltransferase 1 Homo sapiens
NOG1_HUMAN			**4**	**74**	Nucleolar GTPbinding protein 1 Homo sapiens
NU205_HUMAN			**4**	**227,9**	Nuclear pore complex protein Nup205 *Homo sapiens*
P121A_HUMAN			**4**	**127,7**	Nuclear envelope pore membrane protein POM 121 *Homo sapiens*
P121C_HUMAN			**4**	**125,1**	Nuclear envelope pore membrane protein POM 121C *Homo sapiens*
PCF11_HUMAN			**4**	**173,1**	PremRNA cleavage complex 2 protein Pcf11 Homo sapiens
PKP4_HUMAN			**4**	**131,9**	Plakophilin4 Homo sapiens
PLK1_HUMAN			**4**	**68,3**	Serine/threonineprotein kinase PLK1 Homo sapiens
PRPS1_HUMAN			**4**	**34,8**	Ribosephosphate pyrophosphokinase 1 Homo sapiens
PRS7_HUMAN			**4**	**48,6**	26S protease regulatory subunit 7 *Homo sapiens*
PSPC1_HUMAN			**4**	**58,7**	Paraspeckle component 1 *Homo sapiens*
PURA2_HUMAN			**4**	**50,1**	Adenylosuccinate synthetase isozyme 2 *Homo sapiens*
RB12B_HUMAN			**4**	**118,1**	RNAbinding protein 12B Homo sapiens
RBM6_HUMAN			**4**	**128,6**	RNAbinding protein 6 Homo sapiens
RED_HUMAN			**4**	**65,6**	Protein Red *Homo sapiens*
RFC2_HUMAN			**4**	**39,2**	Replication factor C subunit 2 *Homo sapiens*
RFC5_HUMAN			**4**	**38,5**	Replication factor C subunit 5 *Homo sapiens*
RL19_HUMAN			**4**	**23,5**	60S ribosomal protein L19 *Homo sapiens*
RL26_HUMAN			**4**	**17,3**	60S ribosomal protein L26 *Homo sapiens*
RL5_HUMAN			**4**	**34,4**	60S ribosomal protein L5 *Homo sapiens*
RPC3_HUMAN			**4**	**60,6**	DNAdirected RNA polymerase III subunit RPC3 Homo sapiens
RS16_HUMAN			**4**	**16,4**	40S ribosomal protein S16 *Homo sapiens*
SAFB1_HUMAN			**4**	**102,6**	Scaffold attachment factor B1 *Homo sapiens*
SAHH2_HUMAN			**4**	**59**	Putative adenosylhomocysteinase 2 *Homo sapiens*
SMCA2_HUMAN			**4**	**181,3**	Probable global transcription activator SNF2L2 *Homo sapiens*
SMCE1_HUMAN			**4**	**46,6**	SWI/SNFrelated matrixassociated actindependent regulator of chromatin subfamily E member 1 Homo sapiens
SMRC2_HUMAN			**4**	**132,9**	SWI/SNF complex subunit SMARCC2 *Homo sapiens*
SPAS2_HUMAN			**4**	**59,5**	Spermatogenesisassociated serinerich protein 2 Homo sapiens
SPSY_HUMAN			**4**	**41,3**	Spermine synthase *Homo sapiens*
SYMC_HUMAN			**4**	**101,1**	MethioninetRNA ligase, cytoplasmic Homo sapiens
TBX3_HUMAN			**4**	**79,4**	Tbox transcription factor TBX3 Homo sapiens
THIM_HUMAN			**4**	**41,9**	3ketoacylCoA thiolase, mitochondrial Homo sapiens
TOIP1_HUMAN			**4**	**66,2**	Torsin1Ainteracting protein 1 Homo sapiens
TRI33_HUMAN			**4**	**122,5**	E3 ubiquitinprotein ligase TRIM33 Homo sapiens
TRIP4_HUMAN			**4**	**66,1**	Activating signal cointegrator 1 *Homo sapiens*
TTC37_HUMAN			**4**	**175,5**	Tetratricopeptide repeat protein 37 *Homo sapiens*
UBP10_HUMAN			**4**	**87,1**	Ubiquitin carboxylterminal hydrolase 10 Homo sapiens
UBP47_HUMAN			**4**	**157,3**	Ubiquitin carboxylterminal hydrolase 47 Homo sapiens

UGDH_HUMAN			**4**	**55**	UDPglucose 6dehydrogenase Homo sapiens
UMPS_HUMAN			**4**	**52,2**	Uridine 5'monophosphate synthase Homo sapiens
VRK2_HUMAN			**4**	**58,1**	Serine/threonineprotein kinase VRK2 Homo sapiens
RTF1_HUMAN	**9**		**3**	**80,3**	RNA polymeraseassociated protein RTF1 homolog Homo sapiens
SSBP_HUMAN	**7**		**3**	**17,3**	Singlestranded DNAbinding protein, mitochondrial Homo sapiens
ROA0_HUMAN	**6**		**3**	**30,8**	Heterogeneous nuclear ribonucleoprotein A0 *Homo sapiens*
FA98B_HUMAN	**5**		**3**	**37,2**	Protein FAM98B *Homo sapiens*
UHRF2_HUMAN	**5**		**3**	**90**	E3 ubiquitinprotein ligase UHRF2 Homo sapiens
HNRPC_HUMAN	**4**		**3**	**33,7**	Heterogeneous nuclear ribonucleoproteins C1/C2 *Homo sapiens*
LS14A_HUMAN	**4**		**3**	**50,5**	Protein LSM14 homolog A *Homo sapiens*
UBCP1_HUMAN	**4**		**3**	**36,8**	Ubiquitinlike domaincontaining CTD phosphatase 1 Homo sapiens
ZFP91_HUMAN	**3**		**3**	**63,4**	E3 ubiquitinprotein ligase ZFP91 Homo sapiens
APTX_HUMAN	**3**		**3**	**40,7**	Aprataxin *Homo sapiens*
NOSIP_HUMAN	**3**		**3**	**33,2**	Nitric oxide synthaseinteracting protein Homo sapiens
QCR2_HUMAN	**3**		**3**	**48,4**	Cytochrome bc1 complex subunit 2, mitochondrial Homo sapiens
T2EB_HUMAN	**3**		**3**	**33**	Transcription initiation factor IIE subunit beta *Homo sapiens*
GLO2_HUMAN			**3**	**33,8**	Hydroxyacylglutathione hydrolase, mitochondrial *Homo sapiens*
CU059_HUMAN			**3**	**33,2**	Uncharacterized protein C21orf59 *Homo sapiens*
DKC1_HUMAN			**3**	**57,7**	H/ACA ribonucleoprotein complex subunit 4 *Homo sapiens*
SEPT6_HUMAN			**3**	**49,7**	Septin6 Homo sapiens
CAZA2_HUMAN			**3**	**32,9**	Factincapping protein subunit alpha2 Homo sapiens
CDK4_HUMAN			**3**	**33,7**	Cyclindependent kinase 4 Homo sapiens
KC1A_HUMAN			**3**	**38,9**	Casein kinase I isoform alpha *Homo sapiens*
PHB2_HUMAN			**3**	**33,3**	Prohibitin2 Homo sapiens
UB2L3_HUMAN			**3**	**17,9**	Ubiquitinconjugating enzyme E2 L3 Homo sapiens
AAAS_HUMAN			**3**	**59,6**	Aladin *Homo sapiens*
ABCD3_HUMAN			**3**	**75,5**	ATPbinding cassette subfamily D member 3 Homo sapiens
ACD_HUMAN			**3**	**57,7**	Adrenocortical dysplasia protein homolog *Homo sapiens*
ACOT1_HUMAN			**3**	**46,3**	Acylcoenzyme A thioesterase 1 Homo sapiens
ARHG2_HUMAN			**3**	**111,5**	Rho guanine nucleotide exchange factor 2 *Homo sapiens*
ASNS_HUMAN			**3**	**64,4**	Asparagine synthetase [glutaminehydrolyzing] Homo sapiens
AUP1_HUMAN			**3**	**53**	Ancient ubiquitous protein 1 *Homo sapiens*
CELF1_HUMAN			**3**	**52,1**	CUGBP Elavlike family member 1 Homo sapiens
CHD3_HUMAN			**3**	**226,6**	ChromodomainhelicaseDNAbinding protein 3 Homo sapiens
CHIP_HUMAN			**3**	**34,9**	E3 ubiquitinprotein ligase CHIP Homo sapiens
CKAP2_HUMAN			**3**	**77**	Cytoskeletonassociated protein 2 Homo sapiens
CLPB_HUMAN			**3**	**78,7**	Caseinolytic peptidase B protein homolog *Homo sapiens*
CLUS_HUMAN			**3**	**52,5**	Clusterin *Homo sapiens*
CND2_HUMAN			**3**	**82,6**	Condensin complex subunit 2 *Homo sapiens*
CNOT1_HUMAN			**3**	**266,9**	CCR4NOT transcription complex subunit 1 Homo sapiens
CS010_HUMAN			**3**	**18,8**	UPF0556 protein C19orf10 *Homo sapiens*
CSN3_HUMAN			**3**	**47,9**	COP9 signalosome complex subunit 3 *Homo sapiens*
CSPG4_HUMAN			**3**	**250,5**	Chondroitin sulfate proteoglycan 4 *Homo sapiens*
CUL1_HUMAN			**3**	**89,7**	Cullin1 Homo sapiens
CXXC1_HUMAN			**3**	**75,7**	CpGbinding protein Homo sapiens
ECHB_HUMAN			**3**	**51,3**	Trifunctional enzyme subunit beta, mitochondrial *Homo sapiens*
EI2BB_HUMAN			**3**	**39**	Translation initiation factor eIF2B subunit beta Homo sapiens
EIF2A_HUMAN			**3**	**65**	Eukaryotic translation initiation factor 2A *Homo sapiens*
EIF3E_HUMAN			**3**	**52,2**	Eukaryotic translation initiation factor 3 subunit E *Homo sapiens*

EIF3L_HUMAN			**3**	**66,7**	Eukaryotic translation initiation factor 3 subunit L *Homo sapiens*
ERCC5_HUMAN			**3**	**133,1**	DNA repair protein complementing XPG cells Homo sapiens
ERG7_HUMAN			**3**	**83,3**	Lanosterol synthase *Homo sapiens*
EST1A_HUMAN			**3**	**160,5**	Telomerasebinding protein EST1A Homo sapiens
ESTD_HUMAN			**3**	**31,5**	Sformylglutathione hydrolase Homo sapiens
F164A_HUMAN			**3**	**35,1**	Protein FAM164A *Homo sapiens*
FAF2_HUMAN			**3**	**52,6**	FASassociated factor 2 Homo sapiens
FIBG_HUMAN			**3**	**51,5**	Fibrinogen gamma chain *Homo sapiens*
FKBP5_HUMAN			**3**	**51,2**	Peptidylprolyl cistrans isomerase FKBP5 Homo sapiens
HYEP_HUMAN			**3**	**52,9**	Epoxide hydrolase 1 *Homo sapiens*
IF2B3_HUMAN			**3**	**63,7**	Insulinlike growth factor 2 mRNAbinding protein 3 Homo sapiens
IGHG3_HUMAN			**3**	**41,3**	Ig gamma3 chain C region Homo sapiens
ILK_HUMAN			**3**	**51,4**	Integrinlinked protein kinase Homo sapiens
INF2_HUMAN			**3**	**135,6**	Inverted formin2 Homo sapiens
ITB1_HUMAN			**3**	**88,4**	Integrin beta1 Homo sapiens
IVD_HUMAN			**3**	**46,3**	IsovalerylCoA dehydrogenase, mitochondrial Homo sapiens
KCY_HUMAN			**3**	**22,2**	UMPCMP kinase Homo sapiens
KIF2C_HUMAN			**3**	**81,3**	Kinesinlike protein KIF2C Homo sapiens
LACB2_HUMAN			**3**	**32,8**	Betalactamaselike protein 2 Homo sapiens
LIPA1_HUMAN			**3**	**135,8**	Liprinalpha1 Homo sapiens
LMAN2_HUMAN			**3**	**40,2**	Vesicular integralmembrane protein VIP36 Homo sapiens
LRC41_HUMAN			**3**	**88,6**	Leucinerich repeatcontaining protein 41 Homo sapiens
LUZP1_HUMAN			**3**	**120,3**	Leucine zipper protein 1 *Homo sapiens*
M2OM_HUMAN			**3**	**34,1**	Mitochondrial 2oxoglutarate/malate carrier protein Homo sapiens
MAGT1_HUMAN			**3**	**38**	Magnesium transporter protein 1 *Homo sapiens*
MBB1A_HUMAN			**3**	**148,9**	Mybbinding protein 1A Homo sapiens
MCM3A_HUMAN			**3**	**218,4**	80 kDa MCM3associated protein Homo sapiens
MOGS_HUMAN			**3**	**91,9**	Mannosyloligosaccharide glucosidase Homo sapiens
MOT1_HUMAN			**3**	**53,9**	Monocarboxylate transporter 1 *Homo sapiens*
MTA2_HUMAN			**3**	**75**	Metastasisassociated protein MTA2 Homo sapiens
MTDC_HUMAN			**3**	**37,9**	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial *Homo sapiens*
MUC18_HUMAN			**3**	**71,6**	Cell surface glycoprotein MUC18 *Homo sapiens*
MYC_HUMAN			**3**	**48,8**	Myc protooncogene protein Homo sapiens
NAA15_HUMAN			**3**	**101,3**	Nalphaacetyltransferase 15, NatA auxiliary subunit Homo sapiens
NCBP1_HUMAN			**3**	**91,8**	Nuclear capbinding protein subunit 1 Homo sapiens
NEUA_HUMAN			**3**	**48,4**	Nacylneuraminate cytidylyltransferase Homo sapiens
NFS1_HUMAN			**3**	**50,2**	Cysteine desulfurase, mitochondrial *Homo sapiens*
NOC4L_HUMAN			**3**	**58,5**	Nucleolar complex protein 4 homolog *Homo sapiens*
NOLC1_HUMAN			**3**	**73,6**	Nucleolar and coiledbody phosphoprotein 1 Homo sapiens
OAT_HUMAN			**3**	**48,5**	Ornithine aminotransferase, mitochondrial *Homo sapiens*
P4HA1_HUMAN			**3**	**61**	Prolyl 4hydroxylase subunit alpha1 Homo sapiens
PDS5A_HUMAN			**3**	**150,8**	Sister chromatid cohesion protein PDS5 homolog A *Homo sapiens*
PININ_HUMAN			**3**	**81,6**	Pinin *Homo sapiens*
PLMN_HUMAN			**3**	**90,6**	Plasminogen *Homo sapiens*
PLPL6_HUMAN			**3**	**150**	Neuropathy target esterase *Homo sapiens*
PP2BA_HUMAN			**3**	**58,7**	Serine/threonineprotein phosphatase 2B catalytic subunit alpha isoform Homo sapiens
PRP19_HUMAN			**3**	**55,2**	PremRNAprocessing factor 19 Homo sapiens

PSD7_HUMAN			**3**	**37**	26S proteasome nonATPase regulatory subunit 7 Homo sapiens
PSME1_HUMAN			**3**	**28,7**	Proteasome activator complex subunit 1 *Homo sapiens*
PUR8_HUMAN			**3**	**54,9**	Adenylosuccinate lyase *Homo sapiens*
PXDN_HUMAN			**3**	**165,3**	Peroxidasin homolog *Homo sapiens*
RBBP5_HUMAN			**3**	**59,2**	Retinoblastomabinding protein 5 Homo sapiens
RBP2_HUMAN			**3**	**358,2**	E3 SUMOprotein ligase RanBP2 Homo sapiens
RL36A_HUMAN			**3**	**12,4**	60S ribosomal protein L36a *Homo sapiens*
RPC7_HUMAN			**3**	**25,9**	DNAdirected RNA polymerase III subunit RPC7 Homo sapiens
RS13_HUMAN			**3**	**17,2**	40S ribosomal protein S13 *Homo sapiens*
RS25_HUMAN			**3**	**13,7**	40S ribosomal protein S25 *Homo sapiens*
RS2_HUMAN			**3**	**31,3**	40S ribosomal protein S2 *Homo sapiens*
SCRIB_HUMAN			**3**	**174,9**	Protein scribble homolog *Homo sapiens*
SET1A_HUMAN			**3**	**186**	Histonelysine Nmethyltransferase SETD1A Homo sapiens
SQRD_HUMAN			**3**	**50**	Sulfide:quinone oxidoreductase, mitochondrial *Homo sapiens*
SRP54_HUMAN			**3**	**55,7**	Signal recognition particle 54 kDa protein *Homo sapiens*
STK24_HUMAN			**3**	**49,3**	Serine/threonineprotein kinase 24 Homo sapiens
SUCB1_HUMAN			**3**	**50,3**	SuccinylCoA ligase [ADPforming] subunit beta, mitochondrial Homo sapiens
SUCB2_HUMAN			**3**	**46,5**	SuccinylCoA ligase [GDPforming] subunit beta, mitochondrial Homo sapiens
SYFB_HUMAN			**3**	**66,1**	PhenylalaninetRNA ligase beta subunit Homo sapiens
SYNC_HUMAN			**3**	**62,9**	AsparaginetRNA ligase, cytoplasmic Homo sapiens
SYQ_HUMAN			**3**	**87,8**	GlutaminetRNA ligase Homo sapiens
TE2IP_HUMAN			**3**	**44,3**	Telomeric repeatbinding factor 2interacting protein 1 Homo sapiens
TMCO1_HUMAN			**3**	**21,2**	Transmembrane and coiledcoil domaincontaining protein 1 Homo sapiens
TOE1_HUMAN			**3**	**56,5**	Target of EGR1 protein 1 *Homo sapiens*
TRAM1_HUMAN			**3**	**43,1**	Translocating chainassociated membrane protein 1 Homo sapiens
TRRAP_HUMAN			**3**	**437,6**	Transformation/transcription domainassociated protein Homo sapiens
TWF2_HUMAN			**3**	**39,5**	Twinfilin2 Homo sapiens
ULA1_HUMAN			**3**	**60,2**	NEDD8activating enzyme E1 regulatory subunit Homo sapiens
VTNC_HUMAN			**3**	**54,3**	Vitronectin *Homo sapiens*
XPO7_HUMAN			**3**	**123,9**	Exportin7 Homo sapiens
XRN1_HUMAN			**3**	**194,1**	5'3' exoribonuclease 1 Homo sapiens
YTHD3_HUMAN			**3**	**63,9**	YTH domain family protein 3 *Homo sapiens*
ZBED1_HUMAN			**3**	**78,2**	Zinc finger BED domaincontaining protein 1 Homo sapiens
DI3L2_HUMAN	**24**			**99,3**	DIS3like exonuclease 2 Homo sapiens
XPA_HUMAN	**14**			**31,4**	DNA repair protein complementing XPA cells Homo sapiens
BTAF1_HUMAN	**13**			**206,9**	TATAbinding proteinassociated factor 172 Homo sapiens
UNG_HUMAN	**13**			**34,6**	UracilDNA glycosylase Homo sapiens
ALKB2_HUMAN	**11**			**29,3**	Alphaketoglutaratedependent dioxygenase alkB homolog 2 Homo sapiens
ROA2_HUMAN	**10**			**37,4**	Heterogeneous nuclear ribonucleoproteins A2/B1 *Homo sapiens*
ROAA_HUMAN	**10**			**36,2**	Heterogeneous nuclear ribonucleoprotein A/B *Homo sapiens*
KTHY_HUMAN	**9**			**23,8**	Thymidylate kinase *Homo sapiens*
HUTH_HUMAN	**9**			**72,7**	Histidine ammonialyase Homo sapiens
ERI1_HUMAN	**8**			**40,1**	3'5' exoribonuclease 1 Homo sapiens
FOXO1_HUMAN	**8**			**69,7**	Forkhead box protein O1 *Homo sapiens*
HXC10_HUMAN	**7**			**38,1**	Homeobox protein HoxC10 Homo sapiens
KLF13_HUMAN	**7**			**31,2**	Krueppellike factor 13 Homo sapiens
HM20B_HUMAN	**7**			**35,8**	SWI/SNFrelated matrixassociated actindependent regulator of chromatin subfamily E member 1related Homo sapiens

MK67I_HUMAN	**7**			**34,2**	MKI67 FHA domaininteracting nucleolar phosphoprotein Homo sapiens
RHG04_HUMAN	**7**			**105**	Rho GTPaseactivating protein 4 Homo sapiens
IF2B_HUMAN	**6**			**38,4**	Eukaryotic translation initiation factor 2 subunit 2 *Homo sapiens*
SCAFB_HUMAN	**6**			**164,7**	Protein SCAF11 *Homo sapiens*
CEP85_HUMAN	**6**			**85,6**	Centrosomal protein of 85 kDa *Homo sapiens*
CS066_HUMAN	**6**			**33,1**	UPF0515 protein C19orf66 *Homo sapiens*
TXLNA_HUMAN	**6**			**61,9**	Alphataxilin Homo sapiens
NELFE_HUMAN	**5**			**43,2**	Negative elongation factor E *Homo sapiens*
NFIC_HUMAN	**5**			**55,7**	Nuclear factor 1 Ctype Homo sapiens
TBP_HUMAN	**5**			**37,7**	TATAboxbinding protein Homo sapiens
HNRL2_HUMAN	**5**			**85,1**	Heterogeneous nuclear ribonucleoprotein Ulike protein 2 Homo sapiens
SYDE1_HUMAN	**5**			**79,8**	Rho GTPaseactivating protein SYDE1 Homo sapiens
T2FB_HUMAN	**5**			**28,4**	General transcription factor IIF subunit 2 *Homo sapiens*
SPD2B_HUMAN	**5**			**101,6**	SH3 and PX domaincontaining protein 2B Homo sapiens
ADDA_HUMAN	**5**			**81**	Alphaadducin Homo sapiens
ALKB5_HUMAN	**5**			**51,4**	Probable alphaketoglutaratedependent dioxygenase ABH5 Homo sapiens
CASC3_HUMAN	**5**			**76,3**	Protein CASC3 *Homo sapiens*
CF130_HUMAN	**5**			**17**	OacetylADPribose deacetylase C6orf130 Homo sapiens
GTPB1_HUMAN	**5**			**72,5**	GTPbinding protein 1 Homo sapiens
HELB_HUMAN	**5**			**123,3**	DNA helicase B *Homo sapiens*
ID1_HUMAN	**5**			**16,1**	DNAbinding protein inhibitor ID1 Homo sapiens
NUMBL_HUMAN	**5**			**64,9**	Numblike protein Homo sapiens
PURA_HUMAN	**5**			**34,9**	Transcriptional activator protein Puralpha Homo sapiens
RNH2B_HUMAN	**5**			**35,1**	Ribonuclease H2 subunit B *Homo sapiens*
UPP1_HUMAN	**5**			**33,9**	Uridine phosphorylase 1 *Homo sapiens*
ZN787_HUMAN	**5**			**40,4**	Zinc finger protein 787 *Homo sapiens*
C19L1_HUMAN	**4**			**60,6**	CWF19like protein 1 Homo sapiens
EIF3M_HUMAN	**4**			**42,5**	Eukaryotic translation initiation factor 3 subunit M *Homo sapiens*
MO4L2_HUMAN	**4**			**32,3**	Mortality factor 4like protein 2 Homo sapiens
PDE3A_HUMAN	**4**			**125**	cGMPinhibited 3',5'cyclic phosphodiesterase A Homo sapiens
THOC4_HUMAN	**4**			**26,9**	THO complex subunit 4 *Homo sapiens*
ARIP4_HUMAN	**4**			**162,8**	Helicase ARIP4 *Homo sapiens*
BBX_HUMAN	**4**			**105,1**	HMG box transcription factor BBX *Homo sapiens*
F192A_HUMAN	**4**			**28,9**	Protein FAM192A *Homo sapiens*
GGA3_HUMAN	**4**			**78,3**	ADPribosylation factorbinding protein GGA3 Homo sapiens
JUNB_HUMAN	**4**			**35,9**	Transcription factor junB Homo sapiens
LENG1_HUMAN	**4**			**30,5**	Leukocyte receptor cluster member 1 *Homo sapiens*
MNT_HUMAN	**4**			**62,3**	Maxbinding protein MNT Homo sapiens
NUD16_HUMAN	**4**			**21,3**	U8 snoRNAdecapping enzyme Homo sapiens
PCBP4_HUMAN	**4**			**41,5**	Poly(rC)binding protein 4 Homo sapiens
PIN4_HUMAN	**4**			**13,8**	Peptidylprolyl cistrans isomerase NIMAinteracting 4 Homo sapiens
RNH1_HUMAN	**4**			**32,1**	Ribonuclease H1 *Homo sapiens*
SETMR_HUMAN	**4**			**76,7**	Histonelysine Nmethyltransferase SETMAR Homo sapiens
SIX4_HUMAN	**4**			**82,9**	Homeobox protein SIX4 *Homo sapiens*
TAP26_HUMAN	**4**			**28,7**	Thyroid transcription factor 1associated protein 26 Homo sapiens
TREX2_HUMAN	**4**			**30,6**	Three prime repair exonuclease 2 *Homo sapiens*
ZC12A_HUMAN	**4**			**65,7**	Ribonuclease ZC3H12A *Homo sapiens*
TOX4_HUMAN	**3**			**66,2**	TOX high mobility group box family member 4 *Homo sapiens*

GLYC_HUMAN	**3**			**53,1**	Serine hydroxymethyltransferase, cytosolic *Homo sapiens*
SNX5_HUMAN	**3**			**46,8**	Sorting nexin5 Homo sapiens
STAT1_HUMAN	**3**			**87,3**	Signal transducer and activator of transcription 1alpha/beta Homo sapiens
ARPC4_HUMAN	**3**			**19,7**	Actinrelated protein 2/3 complex subunit 4 Homo sapiens
ALDH2_HUMAN	**3**			**56,4**	Aldehyde dehydrogenase, mitochondrial *Homo sapiens*
CD027_HUMAN	**3**			**39,4**	UPF0609 protein C4orf27 *Homo sapiens*
PP1R7_HUMAN	**3**			**41,6**	Protein phosphatase 1 regulatory subunit 7 *Homo sapiens*
NAF1_HUMAN	**3**			**53,7**	H/ACA ribonucleoprotein complex noncore subunit NAF1 Homo sapiens
POGK_HUMAN	**3**			**69,4**	Pogo transposable element with KRAB domain *Homo sapiens*
AIFM2_HUMAN	**3**			**40,5**	Apoptosisinducing factor 2 Homo sapiens
ARL5B_HUMAN	**3**			**20,4**	ADPribosylation factorlike protein 5B Homo sapiens
ATF1_HUMAN	**3**			**29,2**	Cyclic AMPdependent transcription factor ATF1 Homo sapiens
CBPA4_HUMAN	**3**			**47,4**	Carboxypeptidase A4 *Homo sapiens*
CGBP1_HUMAN	**3**			**18,8**	CGG triplet repeatbinding protein 1 Homo sapiens
CIRBP_HUMAN	**3**			**18,6**	Coldinducible RNAbinding protein Homo sapiens
DPOE3_HUMAN	**3**			**16,9**	DNA polymerase epsilon subunit 3 *Homo sapiens*
ELOB_HUMAN	**3**			**13,1**	Transcription elongation factor B polypeptide 2 *Homo sapiens*
ERCC1_HUMAN	**3**			**32,6**	DNA excision repair protein ERCC1 Homo sapiens
F122B_HUMAN	**3**			**26,9**	Protein FAM122B *Homo sapiens*
FOXJ2_HUMAN	**3**			**62,4**	Forkhead box protein J2 *Homo sapiens*
GEMI_HUMAN	**3**			**23,6**	Geminin *Homo sapiens*
KAP0_HUMAN	**3**			**43**	cAMPdependent protein kinase type Ialpha regulatory subunit Homo sapiens
L10K_HUMAN	**3**			**10,6**	Leydig cell tumor 10 kDa protein homolog *Homo sapiens*
MALT1_HUMAN	**3**			**92,3**	Mucosaassociated lymphoid tissue lymphoma translocation protein 1 Homo sapiens
MEIS1_HUMAN	**3**			**43**	Homeobox protein Meis1 *Homo sapiens*
MP2K6_HUMAN	**3**			**37,5**	Dual specificity mitogenactivated protein kinase kinase 6 Homo sapiens
NHP2_HUMAN	**3**			**17,2**	H/ACA ribonucleoprotein complex subunit 2 *Homo sapiens*
PAF_HUMAN	**3**			**12**	PCNAassociated factor Homo sapiens
PATL1_HUMAN	**3**			**86,9**	Protein PAT1 homolog 1 *Homo sapiens*
PI4KB_HUMAN	**3**			**91,4**	Phosphatidylinositol 4kinase beta Homo sapiens
PITX1_HUMAN	**3**			**34,1**	Pituitary homeobox 1 *Homo sapiens*
PSIP1_HUMAN	**3**			**60,1**	PC4 and SFRS1interacting protein Homo sapiens
R51A1_HUMAN	**3**			**38,5**	RAD51associated protein 1 Homo sapiens
RBM24_HUMAN	**3**			**24,8**	RNAbinding protein 24 Homo sapiens
RNH2C_HUMAN	**3**			**17,8**	Ribonuclease H2 subunit C *Homo sapiens*
RPP25_HUMAN	**3**			**20,6**	Ribonuclease P protein subunit p25 *Homo sapiens*
SNX8_HUMAN	**3**			**52,6**	Sorting nexin8 Homo sapiens
SNX9_HUMAN	**3**			**66,6**	Sorting nexin9 Homo sapiens
TNAP2_HUMAN	**3**			**72,7**	Tumor necrosis factor alphainduced protein 2 Homo sapiens
TOPK_HUMAN	**3**			**36,1**	Lymphokineactivated killer Tcelloriginated protein kinase Homo sapiens
TUT4_HUMAN	**3**			**185,2**	Terminal uridylyltransferase 4 *Homo sapiens*
XPF_HUMAN	**3**			**104,5**	DNA repair endonuclease XPF *Homo sapiens*
ZN143_HUMAN	**3**			**68,9**	Zinc finger protein 143 *Homo sapiens*
ZN148_HUMAN	**3**			**89**	Zinc finger protein 148 *Homo sapiens*