

Appendix 1

IPI accession or alternative number	Annotation of protein
IPI00018279.7	Collagen_alpha-3(V)_chain_precursor
IPI00442073.4	Cysteine_and_glycine-rich_protein_1
IPI00400935.4	alpha_1_type_XVI_collagen_precursor
IPI00163207.1	Isoform_1_of_N-acetylmuramoyl-L-alanine_amidase_precursor
IPI00006114.4	Pigment_epithelium-derived_factor_precursor
IPI00006662.1	Apolipoprotein_D_precursor
IPI00019568.1	Prothrombin_precursor_(Fragment)
IPI00553177.1	Alpha-1-antitrypsin_precursor
IPI00305457.5	PRO2275
IPI00027547.2	Dermcidin_precursor
IPI00171473.2	Spondin-1_precursor
IPI00410714.4	Hemoglobin_subunit_alpha
IPI00022426.1	AMBP_protein_precursor
IPI00032258.4	Complement_C4-A_precursor
IPI00031121.2	Carboxypeptidase_E_precursor
IPI00022337.1	Interphotoreceptor_retinoid-binding_protein_precursor
IPI00021841.1	Apolipoprotein_A-I_precursor
12001942	AF059317_1_My001_protein_[Homo_sapiens]
IPI00008944.2	Isoform_1_of_Neuroendocrine_protein_7B2_precursor
IPI00337560.3	OTTHUMP00000016352
IPI00019038.1	Lysozyme_C_precursor
33319302	AF471379_1_Ig_heavy_chain_variable_region,_VH3_family_[Homo_sapiens]
IPI00026314.1	Isoform_1_of_Gelsolin_precursor
896277	This_CDS_feature_is_included_to_show_the_translation_of_the_corresponding_protein
IPI00166010.6	CCR4-NOT_transcription_complex,_subunit_1_isoform_a
33319186	AF471321_1_Ig_heavy_chain_variable_region,_VH3_family_[Homo_sapiens]
33319650	AF471553_1_Ig_heavy_chain_variable_region,_VH3_family_[Homo_sapiens]
33319254	AF471355_1_Ig_heavy_chain_variable_region,_VH3_family_[Homo_sapiens]
2305148	CCR5_receptor_[Homo_sapiens]
IPI00019451.3	MRG-binding_protein
1871489	IgM_[Homo_sapiens]
IPI00183524.6	PREDICTED:_similar_to_C-jun-amino-terminal_kinase-interacting_protein_1
IPI00183368.7	Isoform_3_of_Serine/threonine-protein_kinase_SMG1
IPI00020966.1	Isoform_1_of_Phosphatidylinositol_N-acetylglucosaminyltransferase_subunit_1
8099157	MIST_[Homo_sapiens]
1172426	alpha1(E)-catenin
IPI00000119.2	Hypothetical_protein_DKFZp686N1686_(Fragment)
IPI00167498.3	Isoform_2_of_Uncharacterized_protein_C9orf93
IPI00784669.1	Hypothetical_protein
IPI00027462.1	Protein_S100-A9
IPI00746213.1	7_kDa_protein
IPI00177543.5	Isoform_1_of_Peptidyl-glycine_alpha-amidating_monooxygenase_precursor
IPI00015697.3	OTTHUMP00000018495
IPI00739278.1	PREDICTED:_similar_to_polycystin_1_isoform_2_precursor
IPI00165579.6	PP856
IPI00026183.1	Small_inducible_cytokine_A18_precursor
IPI00743565.1	12_kDa_protein
IPI00254338.1	Hypothetical_protein_LOC162427

IPI00472155.3	Hypothetical_protein_DKFZp686I04144
IPI00296942.1	Cadherin-12_precursor
IPI00028980.1	Protein_KIAA0133
IPI00022538.1	Genethonin-1
IPI00011736.3	Phosphatidylinositol_3-kinase_regulatory_subunit_beta
IPI00030059.1	Guanine_nucleotide-binding_protein_G(I)/G(S)/G(O)_gamma-10_subunit
IPI00000958.9	286_kDa_protein
IPI00739358.2	PREDICTED: _similar_to_eukaryotic_translation_elongation_factor_1_alp
IPI00012857.1	Potassium_voltage-gated_channel_subfamily_KQT_member_3
IPI00018934.1	Isoform_1_of_Sodium_channel_protein_type_1_subunit_alpha
IPI00009724.3	Isoform_1_of_DJ-1-binding_protein
IPI00019231.1	Claudin-10
IPI00375803.3	Isoform_1_of_GON-4-like_protein
IPI00444492.1	CDNA_FLJ45494_fis_clone_BRTHA2010672,_moderately_similar_to_H
IPI00024919.3	Thioredoxin-dependent_peroxide_reductase,_mitochondrial_precursor
IPI00023283.3	Isoform_2_of_Titin
IPI00305018.4	ZD52F10_protein
IPI00642716.3	OTTHUMP00000030720
IPI00328762.4	ATP_binding_cassette,_sub-family_A_(ABC1),_member_13
34535854	unnamed_protein_product_[Homo_sapiens]
IPI00016709.1	Isoform_HFCC_of_Voltage-dependent_L-type_calcium_channel_subunit
IPI00003935.5	Histone_H2B_type_2-E
33319606	AF471531_1_Ig_heavy_chain_variable_region,_VH3_family_[Homo_sapiens]
IPI00166211.3	CDNA_FLJ38020_fis_clone_CTONG2012843,_weakly_similar_to_Hum
IPI00301610.7	Hypothetical_protein_DKFZp686O19206
IPI00017601.1	Ceruloplasmin_precursor
IPI00749106.1	Similar_to_shank-interacting_protein-like_1
IPI00012011.5	Cofilin-1
IPI00015696.6	Chromosome_6_open_reading_frame_76
IPI00303112.2	CXXC-type_zinc_finger_protein_6
IPI00410571.4	67_kDa_protein
IPI00329227.2	TATA_box_binding_protein-associated_factor,_RNA_polymerase_II,_Q
IPI00465123.4	hypothetical_protein_LOC9907
IPI00549189.3	Thimet_oligopeptidase
IPI00004436.1	U6_snRNA-associated_Sm-like_protein_LSm1
4996212	chloride_channel_CLC-5_[Homo_sapiens]
15277209	NG36_[Homo_sapiens]
IPI00022371.1	Histidine-rich_glycoprotein_precursor
IPI00220956.2	Isoform_1A_of_Mytubularin-related_protein_1
IPI00003893.1	Isoform_1_of_Protocadherin_gamma_B3_precursor
IPI00002523.1	Isoform_1_of_Kynurenine--oxoglutarate_transaminase_1
4768368	T-cell_receptor_beta_chain_[Homo_sapiens]
IPI00002579.3	RB-binding_protein
IPI00184227.3	Uncharacterized_protein_C5orf16
IPI00010303.1	Serpin_B4
IPI00219038.8	Histone_H3.3
IPI00003269.1	hypothetical_protein_LOC345651
IPI00001718.1	LRR_FLI-I_interacting_protein_1_(Fragment)
IPI00020153.2	Protein_bassoon
IPI00221034.9	Transcription_factor_RelB
IPI00019213.1	Isoform_2_of_Discs_large_homolog_4
IPI00152535.1	Chromodomain_helicase-DNA-binding_protein_5

IPI00002370.2	Cytochrome_P450_4F3
7145102	MHC_serum_complement_factor_B_[Homo_sapiens]
IPI00022461.1	Isoform_1_of_Cytoplasmic_dynein_1_intermediate_chain_1
IPI00307553.3	Isoform_6_of_Dipeptidyl_peptidase_8
IPI00028382.3	Huntingtin-associated_protein-interacting_protein
IPI00001008.2	Zinc_finger_protein_341
IPI00017083.4	Isoform_1_of_Calcium/calmodulin-dependent_protein_kinase_kinase_1
IPI00171716.3	OTTHUMP00000028696
IPI00167893.1	CDNA_FLJ35934_fis_clone_TESTI2011315
IPI00215666.1	Isoform_3_of_Myocyte-specific_enhancer_factor_2C
IPI00010890.1	Regulatory_factor_X-associated_protein
IPI00783762.1	82_kDa_protein
IPI00045550.3	Neurabin-2
IPI00022058.3	Isoform_1_of_Development_and_differentiation-enhancing_factor_2
IPI00183229.6	PREDICTED:_similar_to_autism_susceptibility_candidate_2
IPI00472817.2	PREDICTED:_similar_to_Zinc_finger_protein_440
IPI00410127.2	Transforming_acidic_coiled-coil_containing_protein_2
IPI00024338.1	OTTHUMP00000031047
IPI00004389.3	Gamma-tubulin_complex_component_4
IPI00178232.8	Pantothenate_kinase_3
IPI00446245.1	CDNA_FLJ42518_fis_clone_BRACE3000697
IPI00465248.5	enolase_1
IPI00015404.2	Isoform_1_of_AT-rich_interactive_domain-containing_protein_1B
IPI00021048.1	Isoform_1_of_Myoerlin
229386	720005A_protein,alpha1_acid_glyco
IPI00152542.1	Protein_DmX-like_2
IPI00000178.1	HSPC337_(Fragment)
IPI00329754.2	DUS1L_protein_(Fragment)
IPI00002293.1	Synphilin-1
14198062	IGFBP5_protein_[Homo_sapiens]
IPI00059297.1	Isoform_1_of_Collagen_alpha-1(XXVI)_chain_precursor
IPI00156793.4	DNA-repair_protein_complementing_XP-C_cells
IPI00025239.2	NADH_dehydrogenase_[ubiquinone]_iron-sulfur_protein_2,_mitochondria
IPI00009720.1	Leukemia_inhibitory_factor_precursor
IPI00306129.1	Isoform_1_of_Thyroglobulin_precursor
IPI00744024.1	Conserved_hypothetical_protein
IPI00006171.2	Isoform_2_of_Nuclear_factor_related_to_kappa-B-binding_protein
IPI00304967.3	Cytochrome_P450_26A1
IPI00180707.8	Isoform_1_of_FRAS1-related_extracellular_matrix_protein_2_precursor
IPI00005222.2	EPHB6_protein
IPI00166612.9	cardiomyopathy_associated_5
IPI00472263.3	RNA_polymerase_III_transcription_initiation_factor_B"
IPI00555957.1	Heat_shock_protein_90Ad
IPI00084684.8	PREDICTED:_similar_to_Zinc_finger_protein_469
4884075	hypothetical_protein_[Homo_sapiens]
IPI00164352.6	PREDICTED:_similar_to_Zinc_finger_protein_292_isoform_1
IPI00017443.3	absent_in_melanoma_1-like
IPI00001685.1	Retinoic_acid-induced_protein_2
IPI00000775.2	Isoform_1_of_Leucine-rich_repeats_and_immunoglobulin-like_domains_1
IPI00007626.1	Inward_rectifier_potassium_channel_4
IPI00164838.3	25_kDa_protein
IPI00097548.1	Solute_carrier_family_13_member_1

17942780	A_Chain_A,_N-Terminal_40kda_Fragment_Of_Human_Pms2
IPI00165467.6	Hypothetical_protein_DKFZp686F1078
IPI00377027.3	Isoform_3_of_Beta,beta-carotene_9',10'-dioxygenase
IPI00005132.3	guanine_nucleotide_binding_protein-like_3_(nucleolar)-like
IPI00000299.1	HSPC298_(Fragment)
IPI00103018.3	Novel_protein
IPI00002666.3	POU_domain,_class_2,_transcription_factor_2_(Octamer-binding_transci
IPI00030275.5	Heat_shock_protein_75_kDa,_mitochondrial_precursor
IPI00018149.3	Prostate_cancer_antigen_T21
IPI00183414.13	Hypothetical_protein_DKFZp451I0318
IPI00003217.3	Proteasome_subunit_beta_type_7_precursor
IPI00004121.1	Isoform_2_of_Protein_Wnt-2b_precursor
IPI00181620.3	Isoform_2_of_GPI_ethanolamine_phosphate_transferase_3
IPI00307783.8	Putative_Chromatin_modulator
IPI00414890.3	HERV-K_22q11.21_provirus_ancestral_Env_polyprotein
IPI00031087.7	Isoform_1_of_SH3-containing_GRB2-like_protein_3-interacting_protein_1
IPI00382869.1	Farnesyl_pyrophosphate_synthetase_like-4_protein_(Fragment)
IPI00027034.1	SGT1_protein
IPI00398020.7	PREDICTED: _similar_to_odd_Oz/ten-m_homolog_3
IPI00184119.6	Isoform_2_of_Putative_tyrosine-protein_phosphatase_auxilin
IPI00456242.2	Isoform_1_of_Centaurin-gamma_2
IPI00019530.1	Tyrosine-protein_kinase_receptor_Tie-1_precursor
IPI00184855.3	49_kDa_protein
IPI00644079.2	heterogeneous_nuclear_ribonucleoprotein_U_isoform_a
IPI00335259.6	deleted_in_liver_cancer_1_isoform_1
IPI00745739.1	Conserved_hypothetical_protein
IPI00002919.2	GTP-binding_protein_Di-Ras1
IPI00216137.3	Synaptonemal_complex_protein_1
IPI00007317.3	KIAA1018_protein
IPI00328242.1	Isoform_2_of_Ubiquitin_ligase_SIAH1
IPI00385612.1	Hypothetical_protein_DKFZp761D171_(Fragment)
IPI00397733.4	111_kDa_protein
6808004	hypothetical_protein_[Homo_sapiens]
IPI00658004.1	Shen-dan
47077775	unnamed_protein_product_[Homo_sapiens]
IPI00015793.7	Isoform_1_of_Telomerase-binding_protein_EST1A
IPI00747076.1	Similar_to_Transcription_factor-like_protein

Priority level	Number of Peptides	Peptide sequence (highest q-value)	Peptide q val
2	1	TSSPPPSAENQTSTDIPKTETPAPNLP	0
2	1	CGKGGLESTTLADK	0
2	1	GDAGNPGDPGTPGTTGRPGLSGEPGVQGPAGPK	0
2	1	DGSPDVTADIGANTPDATK	3.24E-11
2	1	DTDTGALLFIGK	2.93E-08
2	1	CPNPPVQENFDVVK	2.93E-08
2	1	SEGSSVNLSPPLEQCVPDR	2.93E-08
2	1	VFSNGADLSGVTEEAFLK	2.93E-08
2	1	VFSNGADLSGVTEEAFLK	2.93E-08
2	1	DAVEDLESVVK	2.98E-08
2	1	SLAELGDCNEDLEQVEK	1.19E-07
2	1	VGAHAGEYGAELER	1.47E-07
2	1	GECVPGEQEPELIPR	1.68E-07
2	1	VLSLAQEQVGGSPVK	5.71E-06
2	1	SGSAHEYSSSPDDAIFQSLAR	5.83E-06
2	1	DVVVLTSSQTR	1.32E-05
2	1	ATEHLSTLSEK	1.83E-05
2	1	LKNDQQAEIPLKK	7.60E-05
2	1	TADDGCLENTPDTEFSR	7.69E-05
2	1	FLYEMSR	0.000155
2	1	ATNYNAGDR	0.000261
2	1	EVQLSESGGGMVQPGGSLR	0.000626
2	1	DSQEEKTEALTSK	0.001602
2	1	SYELTQPPSVSVSPGKTAR	0.002583
2	1	NLALDINELKPGNLLKDK	0.002735
2	1	EVKLLESGGGLVQPGGSLR	0.003282
2	1	EEQLVESGGAVVQPGGSLR	0.004611
2	1	EVQVLESGGDLVQPGGSLR	0.004611
2	1	FRSYLLVFFQKHIAK	0.006872
2	1	NSSDLGCKEGADK	0.007004
2	1	EVQLVESGGGLVKPRG	0.008463
2	1	LVDEHAQLEP	0.00881
2	1	WQSITENVVKYLKQTSR	0.01185
2	1	VSVEAVLPMDK	0.012092
2	1	QISLRDLSEVLEAE	0.012241
2	1	LRNAGNEQDLGNQYK	0.015271
2	1	GVSVSLTMNLE	0.02206
2	1	AQGLQMQLNFEKQSK	0.022748
2	1	ENVLTQSPGTLSPGER	0.02312
2	1	SVKLGHPTDNLQGEFKEL	0.024204
2	1	VRLLLPGELAKHAVSEGTKAVTQYTSSK	0.024204
2	1	AFGGKNSEHK	0.024988
2	1	SLCLSWK	0.026981
2	1	LTAYVTGNPAR	0.027922
2	1	YIDENQDRYIK	0.02893
2	1	QICADPNKK	0.029504
2	1	YFVSGDYNMAKAK	0.029603
2	1	LNAAFWFFALTSLR	0.029774

2	1	FEYIGEQQ	0.03088
2	1	HTLMTSK	0.031748
2	1	YTEAASSKQ	0.031942
2	1	PMGEWGFQ	0.031942
2	1	RPLPARPR	0.033497
2	1	CKDALLVGV	0.033497
2	1	PSSLGPGLNV	0.033497
2	1	TRSPNIPR	0.033497
2	1	EPKPVGLNNK	0.034232
2	1	MLAVFPANGK	0.035952
2	1	GPPPTSPK	0.038529
2	1	YHGGEDFK	0.042027
2	1	TVCANNSK	0.043741
2	1	VTFTVEGK	0.045063
2	1	FKDLSLDDFK	0.045753
2	1	LRNAMGSASATIR	0.047405
2	1	FSRLWEDFK	0.047698
2	1	TYEDQLSE	0.047763
2	1	YIYELLN	0.051185
2	1	MSKLPTDSSVPQTGAANGDR	0.055323
2	1	DIEGENCGA	0.05741
2	1	VRLLLPGELAKHAVSEGTKAVTKYTSSK	0.05762
2	1	DMQLVESGGGLVQPGGSLR	0.058474
2	1	ALPDVELVQ	0.059867
2	1	ASASLFPL	0.060651
2	1	MFTTAPDQVDKEDEDFQESNK	0.065223
2	1	QPCEPGAVAHANNSYLG	0.065398
2	1	TYETKESK	0.066335
2	1	MNPCGWLGA VGPTLPHFPK	0.068277
2	1	LFSEETLNDTSGSPKMFAQ	0.068384
2	1	SRHNVICQLLSDYK	0.068762
2	1	AEFIESGQ	0.072318
2	1	PSLVVELAR	0.073809
2	1	RNGLHLPR	0.077651
2	1	GTASLIED	0.082423
2	1	MLYLESPAR	0.08576
2	1	KTMSKPGNGQHTK	0.086141
2	1	VSPTDCSAVEPEAEK	0.088667
2	1	GGGPNP	0.089457
2	1	VNVAENLPAGSSVLK	0.089814
2	1	GSAGK	0.090525
2	1	SGDTALYFCASSNFPG	0.092197
2	1	SDYFNMPVHMPTELVEKEFWR	0.093091
2	1	SWGSGGGQDPGGGQSGGGQPK	0.094649
3	3	LGAKDNTAQQISKVLHFDQVTENTTEK	0.129774
3	2	RFQSAAGALQEASEAYL	0.129774
3	2	DLAGRDLTDYL	0.171538
4	1	GSGDTSISIDTEASIREIK	0.103026
4	1	GGDTCPOFCSSHSMP	0.103222
4	1	GTASLVGSN	0.105513
4	1	GTASLRSN	0.10775
4	1	YMILNEPFK	0.107764

4	1	LELSALVTK	0.109297
4	1	PITVIDXXXXXYIGKDR	0.10998
4	1	VTGMAFPTGDVNNFVVGSE	0.10998
4	1	YKMGQIEIDDQVEGLQY	0.10998
4	1	VEELDREGQ	0.10998
4	1	GPPGR	0.110809
4	1	GGPAK	0.110905
4	1	FENAVQCHEQ	0.11324
4	1	AFFSPRTLFSPLPLPTVFAPDRRLA	0.115113
4	1	VLIPPGSKNTMPSVSEDVDLLLNQR	0.116847
4	1	SAASLEDL	0.117964
4	1	VSDIVPS	0.117988
4	1	FPGGEMAIEVFELAENE	0.11934
4	1	EIISEVQR	0.119912
4	1	EMQLDPHK	0.119912
4	1	NVGNPSDLPR	0.121089
4	1	GEQGGEAGAA	0.123082
4	1	YRSVVDLMKSWSE	0.123389
4	1	DATQAREGPSR	0.123675
4	1	VNTLSMK	0.128041
4	1	MLFTHASLTIMTK	0.128041
4	1	IKDYPVVSIEDPFDQDD	0.129774
4	1	KKEQEGK	0.131602
4	1	EMSDIYVK	0.136215
4	1	KDCEPLEK	0.136449
4	1	PPLPLYALLAADQDTSYR	0.136449
4	1	NILNLVDQLKGKKMR	0.136473
4	1	KCDQCGNPKM	0.137836
4	1	GPPGK	0.138566
4	1	QPPSPPQGGTVPR	0.141327
4	1	GPPGSKGDRGQTGE	0.14183
4	1	FTVNAELSASEQD	0.142556
4	1	VDPPK	0.145327
4	1	GSANA	0.146463
4	1	YPYEFSR	0.146569
4	1	AMLVVDEGQ	0.147158
4	1	IMEDCLLGTR	0.147966
4	1	THLFGRPTVRVMGADNVRR	0.151385
4	1	DPGDEP	0.151701
4	1	GLGVK	0.15758
4	1	VIDDADEGK	0.157932
4	1	KSVLSQGK	0.157932
4	1	KKQEEGK	0.157932
4	1	AGDAQAEGK	0.158047
4	1	AEFAEKSV	0.158273
4	1	YTPEMI	0.160318
4	1	EMFEFSR	0.164946
4	1	SEPPP	0.165725
4	1	TLFGNK	0.168807
4	1	TYEVAGTPC	0.172075
4	1	GFGDLKSPAGLQVLND	0.172649
4	1	EMFKCGKTKTVQQK	0.173681

4	1	LVNEVYHXY	0.174494
4	1	FAGASIK	0.175185
4	1	KAAAM	0.176183
4	1	HLSAEIVKEMTE	0.179355
4	1	GASPV	0.180127
4	1	PLDVDPH	0.184242
4	1	GAGSM	0.193553
4	1	EQFDELTLLHLREFDKKK	0.197646
4	1	FKEMAIFK	0.200821
4	1	MEQGHSDLEK	0.205042
4	1	VLGADT	0.208091
4	1	GAVQV	0.208091
4	1	LVGANT	0.208091
4	1	VIGKVQIQV	0.208091
4	1	GAVAGV	0.208091
4	1	GPPGPTGPP	0.210184
4	1	YISIVKYK	0.210926
4	1	YFKGLIEGS	0.213742
4	1	KSLIGKGVMLAVSQGRVQTNVL	0.219471
4	1	KEEMAKEMDPEK	0.219599
4	1	KGSDPDKEK	0.219599
4	1	ILAALLTLVC	0.220428
4	1	ETNVLDDEIDSYFK	0.223029
4	1	AEGGGGGGRPGAPAAGDGK	0.226414
4	1	KLFQVPEEMSRCR	0.226782
4	1	CHLVQDPE	0.227241
4	1	QKRTDR	0.22843
4	1	KEINDKEK	0.231191
4	1	APPAK	0.231338
4	1	KVANSVLFPCCK	0.232821
4	1	QQGGGAAGPVR	0.233723
4	1	HFLGLVTHK	0.235876
4	1	GTEEPQVPLHLTSDPR	0.243315
4	1	DAKGGT	0.245204
4	1	QLGCGQAIAAPGEAHFGPGRGPILLDNVK	0.25
4	1	LEDYMDGLAIR	0.25
4	1	HPGLSLR	0.25

IPI accession or alternative number	Annotation of protein	Priority level	Number of Peptides
1054750	DQB2_[Homo_sapiens]	2	1
1575607	FUSE_binding_protein_2_[Homo_sapiens]	2	1
34366427	hypothetical_protein_[Homo_sapiens]	2	1
IPI00289457.2	Isoform_2_of_Forkhead_box_protein_N4	2	1
IPI00299507.5	Condensin_complex_subunit_2	2	1
IPI00303152.4	collagen,_type_XXII,_alpha_1	2	1
IPI00029235.1	Insulin-like_growth_factor-binding_protein_6_precursor	2	1
IPI00296866.3	interphotoreceptor_matrix_proteoglycan_2	2	1
IPI00011229.1	Cathepsin_D_precursor	2	1
IPI00019580.1	Plasminogen_precursor	2	1
IPI00016915.1	Insulin-like_growth_factor-binding_protein_7_precursor	2	1
IPI00383795.1	Mutant_beta-globin	2	1
IPI00021000.1	Isoform_A_of_Osteopontin_precursor	2	1
IPI00019579.1	Complement_factor_D_precursor	2	1
IPI00032328.1	Isoform_HMW_of_Kininogen-1_precursor	2	1
IPI00022417.4	Leucine-rich_alpha-2-glycoprotein_precursor	2	1
IPI00025426.1	Pregnancy_zone_protein_precursor	2	1
IPI00022420.3	Plasma_retinol-binding_protein_precursor	2	1
IPI00554640.1	Beta_crystallin_S	2	1
IPI00002147.4	Chitinase-3-like_protein_1_precursor	2	1
IPI00032220.3	Angiotensinogen_precursor	2	1
IPI00787375.1	PREDICTED:_similar_to_3-hydroxysteroid_epimerase	2	1
IPI00156171.2	Isoform_1_of_Ectonucleotide_pyrophosphatase/phosphodiesterase_2	2	1
27902682	hemoglobin_alpha-2_[Homo_sapiens]	2	1
IPI00018606.4	Isoform_1_of_Chondroitin_sulfate_glucuronyltransferase	2	1
IPI00744100.1	5_kDa_protein	2	1
IPI00020542.3	Isoform_1_of_Solute_carrier_family_22_member_11	2	1
IPI00023283.3	Isoform_2_of_Titin	2	1
IPI00013909.1	Isoform_1_of_Apoptosis-inducing_factor-like_mitochondrion-associated_i	2	1
229528	751423A_protein_Len,Bence-Jones	2	1
6808004	hypothetical_protein_[Homo_sapiens]	2	1
IPI00027720.1	Pancreatic_triacylglycerol_lipase_precursor	2	1
IPI00156689.3	Synaptic_vesicle_membrane_protein_VAT-1_homolog	2	1
IPI00010133.2	Coronin-1A	2	1

IPI00021222.1	R27328_1	2	1
IPI00025330.4	Isoform_2_of_Cyclin-L1	2	1
IPI00303707.1	Olfactory_receptor_4C6	2	1
IPI00427321.1	Isoform_1_of_Triggering_receptor_expressed_on_myeloid_cells_1_precu	2	1
IPI00301922.2	Isoform_1_of_PAP-associated_domain-containing_protein_5	2	1
IPI00216206.2	solute_carrier_family_8_member_3_isoform_B_precursor	2	1
IPI00377048.1	Urotensin-2B_precursor	2	1
IPI00470688.1	AKNA_transcript_F2_(Fragment)	2	1
IPI00002523.1	Isoform_1_of_Kynurenine--oxoglutarate_transaminase_1	2	1
IPI00012891.1	Phosphorylase_b_kinase_gamma_catalytic_chain,_testis/liver_isoform	2	1
IPI00166059.1	CDNA_FLJ40572_fis,_clone_THYMU2006170	2	1
IPI00004436.1	U6_snRNA-associated_Sm-like_protein_LSm1	2	1
IPI00217018.2	Isoform_1_of_Sterile_alpha_motif_domain-containing_protein_9	2	1
IPI00301610.7	Hypothetical_protein_DKFZp686O19206	2	1
IPI00397733.4	111_kDa_protein	2	1
IPI00418839.1	CDNA_FLJ46010_fis,_clone_SPLEN2001227	2	1
IPI00022518.2	postmeiotic_segregation_increased_2-like_3_isoform_1	2	1
IPI00470606.3	Isoform_1_of_Putative_RNA_methylase_C6orf75	2	1
IPI00456708.3	centrosomal_protein_192kDa	2	1
IPI00010890.1	Regulatory_factor_X-associated_protein	2	1
IPI00306929.7	Isoform_1_of_Myosin-18B	2	1
1049053	encodes_region_of_fatty_acid_synthase_activity;_FAS;_multifunctional_p	2	1
IPI00166533.3	DLN-1	2	1
IPI00328911.2	E3_ubiquitin-protein_ligase_HECTD1	3	2
IPI00015869.1	Trichohyalin	4	1
IPI00744508.1	Calcium_channel_alpha12.2_subunit	4	1
IPI00021695.1	Isoform_D_of_Plasma_membrane_calcium-transporting_ATPase_1	4	1
IPI00514002.2	PREDICTED:_similar_to_StAR-related_lipid_transfer_protein_9	4	1
IPI00304288.1	Dynein_intermediate_chain_2,_axonemal	4	1
IPI00101927.2	Leucine_zipper_putative_tumor_suppressor_2	4	1
IPI00007611.1	ATP_synthase_O_subunit,_mitochondrial_precursor	4	1
IPI00643847.1	Chymotrypsin-like_protease_CTRL-1_precursor	4	1
IPI00004655.1	FRG1_protein	4	1
IPI00003802.1	Alpha-mannosidase_2	4	1
IPI00235842.2	Zinc_finger_protein_483	4	1
IPI00011286.1	Beta-3_adrenergic_receptor	4	1
IPI00184190.3	ORF1A	4	1

IPI00455199.1	Zuotin-related_factor_1	4	1
IPI00031549.4	Isoform_3A_of_Desmocollin-3_precursor	4	1
IPI00297378.5	Isoform_1_of_Doublesex-_and_mab-3-related_transcription_factor_C1	4	1
IPI00257965.1	Similar_to_CG32656-PA	4	1
IPI00443924.1	CDNA_FLJ46295_fis_clone_TESTI4034973	4	1
IPI00455521.3	PREDICTED:_similar_to_transmembrane_protein_46	4	1
IPI00022613.4	Isoform_1_of_Probable_nucleolar_complex_protein_14	4	1
IPI00171509.1	Hypothetical_protein	4	1
IPI00003750.1	Isoform_2_of_Mucolipin-1	4	1
IPI00457167.2	Hypothetical_protein	4	1
IPI00005638.2	Isoform_1_of_Putative_helicase_Mov10l1	4	1
IPI00043664.1	CDNA_FLJ30908_fis_clone_FEBRA2006150	4	1
IPI00288940.5	Isoform_1_of_Obscurin	4	1
IPI00151141.1	Isoform_1_of_Serine/threonine-protein_kinase_WNK4	4	1
IPI00251989.2	Isoform_1_of_DNA-directed_RNA_polymerase_I-associated_factor_53_k	4	1
IPI00061977.1	IGHA1_protein	4	1
IPI00168667.1	Family_with_sequence_similarity_71_member_C	4	1
IPI00001151.1	Isoform_2_of_Putative_transporter_C20orf59	4	1
IPI00029273.1	Isoform_1_of_Hepatocyte_growth_factor_receptor_precursor	4	1
IPI00002773.4	Isoform_2_of_Tyrosine-protein_kinase_JAK3	4	1
IPI00043760.1	CDNA_FLJ30473_fis_clone_BRAWH1000094,_moderately_similar_to_x	4	1
IPI00401993.3	Conserved_hypothetical_protein	4	1
IPI00031425.1	Histidine_ammonia-lyase	4	1
IPI00012555.2	Ficolin-1_precursor	4	1
20521754	KIAA1075_protein_[Homo_sapiens]	4	1
IPI00022057.2	94_kDa_protein	4	1
IPI00642266.1	Hypothetical_protein	4	1
IPI00015195.1	Cleavage_stimulation_factor_77_kDa_subunit	4	1
IPI00005740.1	Neighbor_of_COX4	4	1
IPI00219885.2	OTTHUMP00000017079	4	1
IPI00008200.2	Isoform_1_of_YEATS_domain-containing_protein_2	4	1
IPI00031597.2	Isoform_1_of_Transmembrane_protein_106C	4	1
IPI00151170.4	TTK_protein_kinase	4	1
31873885	hypothetical_protein_[Homo_sapiens]	4	1
IPI00556535.1	Cysteine_and_glycine-rich_protein_2_variant_(Fragment)	4	1
IPI00465082.3	gp130-like_monocyte_receptor	4	1
IPI00169252.1	Seven_transmembrane_helix_receptor	4	1

IPI00100798.2	CASP8-associated_protein_2	4	1
46195723	ribosomal_L1_domain_containing_1_[Homo_sapiens]	4	1
IPI00216142.4	PREDICTED:_similar_to_DNA2-like_homolog	4	1

Peptide sequence (highest q-value)	Peptide q val
GPPPAGHLL	0
AQPPGGGGPGIRK	0
GAGVAVLNGE	0
GMPGLGPITGHR	0
TIEQNINNLNVSEADR	0
KGENGSPGL	0
APAVAEENPK	2.21E-08
SAVSFLLPEESTDLSLTK	3.51E-06
AIGAVPLIQGEYMIPCEK	2.49E-05
EAQLPVIENK	2.61E-05
GTCEQGPSIVTPPK	3.59E-05
VHLTPEEK	4.24E-05
ISHELDSASSEVN	4.54E-05
AVPHPDSQPDIDHLLLLQLSEK	0.000109
DIPTNSPELEETLHTITK	0.000123
DGFDISGNPWICDQNLSDLYR	0.00014
MVSGFIPLKPTVK	0.000175
DPNGLPPEAQK	0.000212
GDFSGQMYETTEDCPSIMEQFHR	0.000296
LVMGIPTFGR	0.000579
DPTFIPAPIQAK	0.000721
ASGPAGILHK	0.001198
RIEDIHLLVER	0.002677
VADALTNAVAHVDPNPALNSALSDLHAHK	0.003155
GAPDPFLGVK	0.005738
SPLTHNSK	0.007171
KVARINGHK	0.028828
VSAVNIAGIGEPGEVTDVIEMKDR	0.031688
QEVKEILLR	0.036327
TVAAPSVFIFPPSBZZLK	0.038168
GTEEPQVPLHLTSDPR	0.042998
VGASK	0.046103
VVIAGGEGV	0.046309
VIMVWDVGTGAAMLTGPEVHPDTIYSVDW	0.047612

SKGGPGGGGRDR	0.048916
FQPETIAC	0.05006
FQLLTAC	0.05006
EMPKTLAC	0.05006
TGLYLPTSDIDL VVFGK	0.050581
VVLKPGET	0.059367
EELLALLNK	0.062416
AMASPVPPTAGPLGPR	0.067713
GSAGK	0.076393
PPGPFPI MGPEEEGDSAAITED	0.078348
MLPCAR	0.079146
GTASLIED	0.079807
EKVQELLR	0.079807
ASASLFPL	0.079807
HFLGLVTHK	0.081033
CEVSCPMK	0.087791
MEGEFPCQ	0.087791
ANLRQYGLEK	0.090164
ENHGTTDVK	0.09113
SAASLEDL	0.095414
GDVACQV	0.095414
EPGGTVR	0.096783
FYSVTEK	0.097764
TLLEWLQM	0.136313
HELLKSEEQEERR	0.100698
SIAAFVK	0.101043
SEEGGDGDEKDK	0.104218
VSSNLNLNNFPVHLSRIRRLR	0.105717
VNHVEGGWPK	0.112458
RCATLEREQR	0.11412
QVEKELLRVAQILKEPKVAASVLNPPYVK	0.114789
MLLLSLTSLVLLGSSWGCGIPA K	0.116711
YLGINS DGLVVGR	0.126893
SGWAIDPFGHSPTMAYLLNR	0.133348
MVTVCPNT	0.133739
LLVPPAATLALT	0.137154
KFEIPVCPHAGG	0.137422

KAVNLFPARTNSRWEVIANYMNIHSSSG	0.150064
CNQNEDR	0.164215
MAAPPKAPIR	0.166036
ASGPGPVIR	0.168219
FKVATEFL	0.172249
ARAFQVPRR	0.172249
REFKGAVR	0.173084
ASEEEGDAKNTVSSV	0.173987
GVTLG	0.179338
RAGQSGVNRR	0.183584
CEGFEPCK	0.189328
YLGFIYPK	0.189328
FIEDVK	0.190036
ETTVLMSQ	0.191017
KPEDVYK	0.191045
KGDTFSCMVGHEALPLAFTQE	0.191657
LLPLMFVK	0.195798
ALAGV	0.196642
KPVMISMG	0.206526
QPQSQYQ	0.20656
KTLSCCKGK	0.215026
MAAPPCLQ	0.218141
EVIDSIIKEKTV	0.222002
GAPGPK	0.222133
RSQADTPSR	0.223275
QAPSDPV	0.226087
ELGKMQIDK	0.226491
MIEDRSR	0.23142
IDSWCKDHSYVIAG	0.233152
TEHDSITVFQELKDLLKKNAT	0.233152
PVGSA	0.234544
ISYIGLMTQ	0.235676
IDSIMNKVR	0.235796
MGGTQTGVGLPVQ	0.238163
WDMWK	0.241906
MIQIEWIKPELAPVSSDLK	0.243931
KEVKKALRR	0.246873

KNFNICFDNIK
EGNF EK
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