

Serial No	Accession #	Description	Gene name	Fold change (PA treated/BS A control)
1	sp Q13501 SQSTM_HUMAN	Sequestosome-1	SQSTM1	1.995
2	sp Q99541 PLIN2_HUMAN	Perilipin-2	PLIN2	1.674
3	sp P18615 NELFE_HUMAN	Negative elongation factor E	NELFE	1.613
4	sp Q14764 MVP_HUMAN	Major vault protein	MVP	1.581
5	sp Q99714 HCD2_HUMAN	3-hydroxyacyl-CoA dehydrogenase type-2	HSD17B10	1.555
6	sp Q01844 EWS_HUMAN	RNA-binding protein EWS	EWSR1	1.533
7	sp Q9NX58 LYAR_HUMAN	Cell growth-regulating nucleolar protein	LYAR	1.531
8	sp Q07955 SRSF1_HUMAN	Serine/arginine-rich splicing factor 1	SRSF1	1.529
9	sp P18583 SON_HUMAN	Protein SON	SON	1.528
10	sp P02671 FIBA_HUMAN	Fibrinogen alpha chain	FGA	1.517
11	sp P06748 NPM_HUMAN	Nucleophosmin	NPM1	1.517
12	sp Q9BRP8 PYM1_HUMAN	Partner of Y14 and mago	PYM1	1.510
13	sp Q15637 SF01_HUMAN	Splicing factor 1	SF1	1.507
14	sp O94760 DDAH1_HUMAN	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	DDAH1	1.505
15	sp A0MZ66 SHOT1_HUMAN	Shootin-1	SHTN1	1.505
16	sp P19404 NDUV2_HUMAN	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial	NDUFV2	1.504
17	sp Q9BRF8 CPPED_HUMAN	Serine/threonine-protein phosphatase CPPED1	CPPED1	1.502
18	sp P10606 COX5B_HUMAN	Cytochrome c oxidase subunit 5B, mitochondrial	COX5B	1.500
19	sp P62805 H4_HUMAN	Histone H4	HIST1H4A	1.500
20	sp Q15050 RRS1_HUMAN	Ribosome biogenesis regulatory protein homolog	RRS1	1.496
21	sp Q9UKY7 CDV3_HUMAN	Protein CDV3 homolog	CDV3	1.495
22	sp P30049 ATPD_HUMAN	ATP synthase subunit delta, mitochondrial	ATP5F1D	1.494
23	sp P30038 AL4A1_HUMAN	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial	ALDH4A1	1.494
24	sp P04181 OAT_HUMAN	Ornithine aminotransferase, mitochondrial	OAT	1.491
25	sp P16949 STMN1_HUMAN	Stathmin	STMN1	1.489
26	sp P17096 HMGA1_HUMAN	High mobility group protein HMG-I/HMG-Y	HMGA1	1.486
27	sp P67809 YBOX1_HUMAN	Nuclease-sensitive element-binding protein 1	YBX1	1.485
28	sp Q13405 RM49_HUMAN	39S ribosomal protein L49, mitochondrial	MRPL49	1.485
29	sp Q16630 CPSF6_HUMAN	Cleavage and	CPSF6	1.479

		polyadenylation specificity factor subunit 6		
30	sp O00330 ODPX_HUMAN	Pyruvate dehydrogenase protein X component, mitochondrial	PDHX	1.476
31	sp P99999 CYC_HUMAN	Cytochrome c	CYCS	1.474
32	sp Q99729 ROAA_HUMAN	Heterogeneous nuclear ribonucleoprotein A/B	HNRNPAB	1.473
33	sp O75494 SRS10_HUMAN	Serine/arginine-rich splicing factor 10	SRSF10	1.473
34	sp O43290 SNUT1_HUMAN	U4/U6.U5 tri-snRNP-associated protein 1	SART1	1.472
35	sp P35637 FUS_HUMAN	RNA-binding protein FUS	FUS	1.468
36	sp P54819 KAD2_HUMAN	Adenylate kinase 2, mitochondrial	AK2	1.467
37	sp Q13428 TCOF_HUMAN	Treacle protein	TCOF1	1.464
38	sp P20810 ICAL_HUMAN	Calpastatin	CAST	1.464
39	sp O96008 TOM40_HUMAN	Mitochondrial import receptor subunit TOM40 homolog	TOMM40	1.459
40	sp P62979 RS27A_HUMAN	Ubiquitin-40S ribosomal protein S27a	RPS27A	1.457
41	sp P09429 HMGB1_HUMAN	High mobility group protein B1	HMGB1	1.454
42	sp Q9Y3U8 RL36_HUMAN	60S ribosomal protein L36	RPL36	1.453
43	sp P62917 RL8_HUMAN	60S ribosomal protein L8	RPL8	1.453
44	sp Q1KMD3 HNRL2_HUMAN	Heterogeneous nuclear ribonucleoprotein U-like protein 2	HNRNPUL2	1.452
45	sp P22307 NLTP_HUMAN	Non-specific lipid-transfer protein	SCP2	1.451
46	sp Q8WW12 PCNP_HUMAN	PEST proteolytic signal-containing nuclear protein	PCNP	1.449
47	sp P10768 ESTD_HUMAN	S-formylglutathione hydrolase	ESD	1.447
48	sp Q92979 NEP1_HUMAN	Ribosomal RNA small subunit methyltransferase NEP1	EMG1	1.446
49	sp P30085 KCY_HUMAN	UMP-CMP kinase	CMPK1	1.441
50	sp Q9NW13 RBM28_HUMAN	RNA-binding protein 28	RBM28	1.439
51	sp P05362 ICAM1_HUMAN	Intercellular adhesion molecule 1	ICAM1	1.439
52	sp Q04837 SSBP_HUMAN	Single-stranded DNA-binding protein, mitochondrial	SSBP1	1.438
53	sp O14979 HNRDL_HUMAN	Heterogeneous nuclear ribonucleoprotein D-like	HNRNPDL	1.438
54	sp P37198 NUP62_HUMAN	Nuclear pore glycoprotein p62	NUP62	1.438
55	sp P35754 GLRX1_HUMAN	Glutaredoxin-1	GLRX	1.438

56	sp Q99848 EBP2_HUMAN	Probable rRNA-processing protein EBP2	EBNA1BP2	1.437
57	sp P05455 LA_HUMAN	Lupus La protein	SSB	1.436
58	sp P06753 TPM3_HUMAN	Tropomyosin alpha-3 chain	TPM3	1.436
59	sp P02649 APOE_HUMAN	Apolipoprotein E	APOE	1.435
60	sp P51858 HDGF_HUMAN	Hepatoma-derived growth factor	HDGF	1.435
61	sp Q86UP2 KTN1_HUMAN	Kinectin	KTN1	1.435
62	sp Q9UHX1 PUF60_HUMAN	Poly(U)-binding-splicing factor PUF60	PUF60	1.434
63	sp P55084 ECHB_HUMAN	Trifunctional enzyme subunit beta, mitochondrial	HADHB	1.433
64	sp P20674 COX5A_HUMAN	Cytochrome c oxidase subunit 5A, mitochondrial	COX5A	1.433
65	sp P62258 1433E_HUMAN	14-3-3 protein epsilon	YWHAE	1.430
66	sp P18621 RL17_HUMAN	60S ribosomal protein L17	RPL17	1.428
67	sp P42330 AK1C3_HUMAN	Aldo-keto reductase family 1 member C3	AKR1C3	1.427
68	sp P16989 YBOX3_HUMAN	Y-box-binding protein 3	YBX3	1.427
69	sp O43390 HNRPR_HUMAN	Heterogeneous nuclear ribonucleoprotein R	HNRNPR	1.426
70	sp P18859 ATP5J_HUMAN	ATP synthase-coupling factor 6, mitochondrial	ATP5J	1.425
71	sp Q14103 HNRPD_HUMAN	Heterogeneous nuclear ribonucleoprotein D0	HNRNPD	1.424
72	sp Q9UMX0 UBQL1_HUMAN	Ubiquilin-1	UBQLN1	1.423
73	sp P10515 ODP2_HUMAN	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial	DLAT	1.423
74	sp O76021 RL1D1_HUMAN	Ribosomal L1 domain-containing protein 1	RSL1D1	1.422
75	sp P23588 IF4B_HUMAN	Eukaryotic translation initiation factor 4B	EIF4B	1.422
76	sp Q9BVP2 GNL3_HUMAN	Guanine nucleotide-binding protein-like 3	GNL3	1.421
77	sp Q13435 SF3B2_HUMAN	Splicing factor 3B subunit 2	SF3B2	1.420
78	sp O00515 LAD1_HUMAN	Ladinin-1	LAD1	1.420
79	sp O95793 STAU1_HUMAN	Double-stranded RNA-binding protein Staufen homolog 1	STAU1	1.420
80	sp P49411 EFTU_HUMAN	Elongation factor Tu, mitochondrial	TUFM	1.420
81	sp P62750 RL23A_HUMAN	60S ribosomal protein L23a	RPL23A	1.418
82	sp Q9BXP5 SRRT_HUMAN	Serrate RNA effector molecule homolog	SRRT	1.418
83	sp P19338 NUCL_HUMAN	Nucleolin	NCL	1.417
84	sp Q15942 ZYG_HUMAN	Zyxin	ZYG	1.416
85	sp P08621 RU17_HUMAN	U1 small nuclear	SNRNP70	1.416

		ribonucleoprotein 70 kDa		
86	sp P28074 PSB5_HUMAN	Proteasome subunit beta type-5	PSMB5	1.415
87	sp Q9NYL9 TMOD3_HUMAN	Tropomodulin-3	TMOD3	1.415
88	sp Q03154 ACY1_HUMAN	Aminoacylase-1	ACY1	1.414
89	sp Q9UNZ2 NSF1C_HUMAN	NSFL1 cofactor p47	NSFL1C	1.413
90	sp P30044 PRDX5_HUMAN	Peroxiredoxin-5, mitochondrial	PRDX5	1.413
91	sp P37108 SRP14_HUMAN	Signal recognition particle 14 kDa protein	SRP14	1.411
92	sp P09104 ENOG_HUMAN	Gamma-enolase	ENO2	1.411
93	sp P50454 SERPH_HUMAN	Serpin H1	SERPINH1	1.411
94	sp Q9NZL9 MAT2B_HUMAN	Methionine adenosyltransferase 2 subunit beta	MAT2B	1.410
95	sp Q13268 DHRS2_HUMAN	Dehydrogenase/reductase SDR family member 2, mitochondrial	DHRS2	1.410
96	sp Q8WWI1 LMO7_HUMAN	LIM domain only protein 7	LMO7	1.409
97	sp P62277 RS13_HUMAN	40S ribosomal protein S13	RPS13	1.408
98	sp P28331 NDUS1_HUMAN	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial	NDUFS1	1.408
99	sp P35232 PHB_HUMAN	Prohibitin	PHB	1.407
100	sp Q05682 CALD1_HUMAN	Caldesmon	CALD1	1.407
101	sp P06576 ATPB_HUMAN	ATP synthase subunit beta, mitochondrial	ATP5F1B	1.406
102	sp P22626 ROA2_HUMAN	Heterogeneous nuclear ribonucleoproteins A2/B1	HNRNPA2B1	1.405
103	sp Q9UKK9 NUDT5_HUMAN	ADP-sugar pyrophosphatase	NUDT5	1.404
104	sp P38646 GRP75_HUMAN	Stress-70 protein, mitochondrial	HSPA9	1.404
105	sp Q99798 ACON_HUMAN	Aconitate hydratase, mitochondrial	ACO2	1.403
106	sp P36957 ODO2_HUMAN	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	DLST	1.403
107	sp Q16718 NDUA5_HUMAN	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5	NDUFA5	1.402
108	sp Q92945 FUBP2_HUMAN	Far upstream element-binding protein 2	KHSRP	1.402
109	sp Q96EY1 DNJA3_HUMAN	DnaJ homolog subfamily A member 3, mitochondrial	DNJA3	1.402
110	sp P38159 RBMX_HUMAN	RNA-binding motif protein, X chromosome	RBMX	1.401
111	sp P32322 P5CR1_HUMAN	Pyrroline-5-carboxylate	PYCR1	1.401

		reductase 1, mitochondrial		
112	sp O43823 AKAP8_HUMAN	A-kinase anchor protein 8	AKAP8	1.401
113	sp Q15459 SF3A1_HUMAN	Splicing factor 3A subunit 1	SF3A1	1.400
114	sp P30086 PEBP1_HUMAN	Phosphatidylethanolamine-binding protein 1	PEBP1	1.400
115	sp Q7L014 DDX46_HUMAN	Probable ATP-dependent RNA helicase DDX46	DDX46	1.400
116	sp P61604 CH10_HUMAN	10 kDa heat shock protein, mitochondrial	HSPE1	1.400
117	sp P29401 TKT_HUMAN	Transketolase	TKT	1.399
118	sp P26583 HMGB2_HUMAN	High mobility group protein B2	HMGB2	1.399
119	sp P11177 ODPB_HUMAN	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	PDHB	1.397
120	sp Q8NC51 PAIRB_HUMAN	Plasminogen activator inhibitor 1 RNA-binding protein	SERBP1	1.397
121	sp P63104 1433Z_HUMAN	14-3-3 protein zeta/delta	YWHAZ	1.396
122	sp Q99497 PARK7_HUMAN	Protein/nucleic acid deglycase DJ-1	PARK7	1.396
123	sp Q14847 LASP1_HUMAN	LIM and SH3 domain protein 1	LASP1	1.395
124	sp P12270 TPR_HUMAN	Nucleoprotein TPR	TPR	1.394
125	sp Q9UKV3 ACINU_HUMAN	Apoptotic chromatin condensation inducer in the nucleus	ACIN1	1.394
126	sp Q16543 CDC37_HUMAN	Hsp90 co-chaperone Cdc37	CDC37	1.394
127	sp P23378 GCSP_HUMAN	Glycine dehydrogenase (decarboxylating), mitochondrial	GLDC	1.394
128	sp P04040 CATA_HUMAN	Catalase	CAT	1.394
129	sp P14927 QCR7_HUMAN	Cytochrome b-c1 complex subunit 7	UQCRB	1.393
130	sp P40222 TXLNA_HUMAN	Alpha-taxilin	TXLNA	1.393
131	sp P15559 NQO1_HUMAN	NAD(P)H dehydrogenase [quinone] 1	NQO1	1.393
132	sp Q15181 IPYR_HUMAN	Inorganic pyrophosphatase	PPA1	1.393
133	sp P42765 THIM_HUMAN	3-ketoacyl-CoA thiolase, mitochondrial	ACAA2	1.393
134	sp P12955 PEPD_HUMAN	Xaa-Pro dipeptidase	PEPD	1.393
135	sp Q9UQ80 PA2G4_HUMAN	Proliferation-associated protein 2G4	PA2G4	1.392
136	sp Q14157 UBP2L_HUMAN	Ubiquitin-associated protein 2-like	UBAP2L	1.392
137	sp Q12905 ILF2_HUMAN	Interleukin enhancer-binding factor 2	ILF2	1.391
138	sp O75390 CISY_HUMAN	Citrate synthase, mitochondrial	CS	1.390

139	sp O75947 ATP5H_HUMAN	ATP synthase subunit d, mitochondrial	ATP5H	1.390
140	sp Q02790 FKBP4_HUMAN	Peptidyl-prolyl cis-trans isomerase FKBP4	FKBP4	1.389
141	sp P09651 ROA1_HUMAN	Heterogeneous nuclear ribonucleoprotein A1	HNRNPA1	1.389
142	sp Q13151 ROA0_HUMAN	Heterogeneous nuclear ribonucleoprotein A0	HNRNPA0	1.389
143	sp Q02878 RL6_HUMAN	60S ribosomal protein L6	RPL6	1.389
144	sp Q01105 SET_HUMAN	Protein SET	SET	1.388
145	sp P02787 TRFE_HUMAN	Serotransferrin	TF	1.388
146	sp P24752 THIL_HUMAN	Acetyl-CoA acetyltransferase, mitochondrial	ACAT1	1.388
147	sp Q8WXF1 PSPC1_HUMAN	Paraspeckle component 1	PSPC1	1.387
148	sp Q9UJZ1 STML2_HUMAN	Stomatin-like protein 2, mitochondrial	STOML2	1.387
149	sp P14314 GLU2B_HUMAN	Glucosidase 2 subunit beta	PRKCSH	1.386
150	sp Q07021 C1QBP_HUMAN	Complement component 1 Q subcomponent-binding protein, mitochondrial	C1QBP	1.386
151	sp Q99584 S10AD_HUMAN	Protein S100-A13	S100A13	1.386
152	sp P08243 ASNS_HUMAN	Asparagine synthetase [glutamine-hydrolyzing]	ASNS	1.386
153	sp P78371 TCPB_HUMAN	T-complex protein 1 subunit beta	CCT2	1.386
154	sp P22087 FBRL_HUMAN	rRNA 2'-O-methyltransferase fibrillarin	FBL	1.385
155	sp Q8NBS9 TXND5_HUMAN	Thioredoxin domain-containing protein 5	TXNDC5	1.384
156	sp Q9HAV7 GRPE1_HUMAN	GrpE protein homolog 1, mitochondrial	GRPEL1	1.384
157	sp Q9BQ61 TRIR_HUMAN	Telomerase RNA component interacting RNase	TRIR	1.383
158	sp Q9UK22 FBX2_HUMAN	F-box only protein 2	FBXO2	1.382
159	sp Q99459 CDC5L_HUMAN	Cell division cycle 5-like protein	CDC5L	1.381
160	sp Q9NQP4 PFD4_HUMAN	Prefoldin subunit 4	PFDN4	1.381
161	sp O43143 DHX15_HUMAN	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	DHX15	1.381
162	sp P52758 RIDA_HUMAN	2-iminobutanoate/2-iminopropanoate deaminase	RIDA	1.381
163	sp Q86V81 THOC4_HUMAN	THO complex subunit 4	ALYREF	1.381
164	sp Q9UIJ7 KAD3_HUMAN	GTP:AMP phosphotransferase AK3, mitochondrial	AK3	1.380
165	sp P43243 MATR3_HUMAN	Matrin-3	MATR3	1.380
166	sp P52597 HNRPF_HUMAN	Heterogeneous nuclear	HNRNPF	1.379

		ribonucleoprotein F		
167	sp P05387 RLA2_HUMAN	60S acidic ribosomal protein P2	RPLP2	1.378
168	sp P62263 RS14_HUMAN	40S ribosomal protein S14	RPS14	1.377
169	sp P23193 TCEA1_HUMAN	Transcription elongation factor A protein 1	TCEA1	1.376
170	sp P56537 IF6_HUMAN	Eukaryotic translation initiation factor 6	EIF6	1.376
171	sp P46777 RL5_HUMAN	60S ribosomal protein L5	RPL5	1.376
172	sp Q13242 SRSF9_HUMAN	Serine/arginine-rich splicing factor 9	SRSF9	1.375
173	sp P27816 MAP4_HUMAN	Microtubule-associated protein 4	MAP4	1.375
174	sp P36551 HEM6_HUMAN	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial	CPOX	1.375
175	sp P31947 1433S_HUMAN	14-3-3 protein sigma	SFN	1.374
176	sp P10809 CH60_HUMAN	60 kDa heat shock protein, mitochondrial	HSPD1	1.373
177	sp Q15233 NONO_HUMAN	Non-POU domain-containing octamer-binding protein	NONO	1.373
178	sp Q96AE4 FUBP1_HUMAN	Far upstream element-binding protein 1	FUBP1	1.373
179	sp P51991 ROA3_HUMAN	Heterogeneous nuclear ribonucleoprotein A3	HNRNPA3	1.373
180	sp P08133 ANXA6_HUMAN	Annexin A6	ANXA6	1.373
181	sp P50213 IDH3A_HUMAN	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	IDH3A	1.372
182	sp P26599 PTBP1_HUMAN	Polypyrimidine tract-binding protein 1	PTBP1	1.372
183	sp P54727 RD23B_HUMAN	UV excision repair protein RAD23 homolog B	RAD23B	1.372
184	sp Q96C23 GALM_HUMAN	Aldose 1-epimerase	GALM	1.372
185	sp Q13162 PRDX4_HUMAN	Peroxiredoxin-4	PRDX4	1.371
186	sp P30048 PRDX3_HUMAN	Thioredoxin-dependent peroxide reductase, mitochondrial	PRDX3	1.371
187	sp Q9NQ50 RM40_HUMAN	39S ribosomal protein L40, mitochondrial	MRPL40	1.370
188	sp P49321 NASP_HUMAN	Nuclear autoantigenic sperm protein	NASP	1.370
189	sp P30084 ECHM_HUMAN	Enoyl-CoA hydratase, mitochondrial	ECHS1	1.370
190	sp P15311 EZRI_HUMAN	Ezrin	EZR	1.369
191	sp Q14697 GANAB_HUMAN	Neutral alpha-glucosidase AB	GANAB	1.369
192	sp P63244 RACK1_HUMAN	Receptor of activated protein C kinase 1	RACK1	1.368
193	sp P09874 PARP1_HUMAN	Poly [ADP-ribose]	PARP1	1.368

		polymerase 1		
194	sp P05091 ALDH2_HUMAN	Aldehyde dehydrogenase, mitochondrial	ALDH2	1.367
195	sp Q13126 MTAP_HUMAN	S-methyl-5'-thioadenosine phosphorylase	MTAP	1.367
196	sp P06396 GELS_HUMAN	Gelsolin	GSN	1.367
197	sp P09622 DLDH_HUMAN	Dihydrolipoyl dehydrogenase, mitochondrial	DLD	1.367
198	sp P62993 GRB2_HUMAN	Growth factor receptor-bound protein 2	GRB2	1.366
199	sp P07954 FUMH_HUMAN	Fumarate hydratase, mitochondrial	FH	1.366
200	sp P27797 CALR_HUMAN	Calreticulin	CALR	1.366
201	sp P67936 TPM4_HUMAN	Tropomyosin alpha-4 chain	TPM4	1.365
202	sp Q9UHB6 LIMA1_HUMAN	LIM domain and actin-binding protein 1	LIMA1	1.365
203	sp Q09666 AHNK_HUMAN	Neuroblast differentiation-associated protein AHNK	AHNAK	1.364
204	sp Q00688 FKBP3_HUMAN	Peptidyl-prolyl cis-trans isomerase FKBP3	FKBP3	1.363
205	sp P0DP25 CALM3_HUMAN	Calmodulin-3	CALM3	1.362
206	sp P13804 ETFA_HUMAN	Electron transfer flavoprotein subunit alpha, mitochondrial	ETFA	1.362
207	sp Q13442 HAP28_HUMAN	28 kDa heat- and acid-stable phosphoprotein	PDAP1	1.361
208	sp Q13087 PDIA2_HUMAN	Protein disulfide-isomerase A2	PDIA2	1.360
209	sp P23246 SFPQ_HUMAN	Splicing factor, proline- and glutamine-rich	SFPQ	1.360
210	sp P04179 SODM_HUMAN	Superoxide dismutase [Mn], mitochondrial	SOD2	1.360
211	sp O43768 ENSA_HUMAN	Alpha-endosulfine	ENSA	1.358
212	sp P28838 AMPL_HUMAN	Cytosol aminopeptidase	LAP3	1.357
213	sp Q01995 TAGL_HUMAN	Transgelin	TAGLN	1.356
214	sp Q14257 RCN2_HUMAN	Reticulocalbin-2	RCN2	1.356
215	sp O43491 E41L2_HUMAN	Band 4.1-like protein 2	EPB41L2	1.355
216	sp Q15075 EEA1_HUMAN	Early endosome antigen 1	EEA1	1.355
217	sp Q12904 AIMP1_HUMAN	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1	AIMP1	1.354
218	sp P30040 ERP29_HUMAN	Endoplasmic reticulum resident protein 29	ERP29	1.354
219	sp P32119 PRDX2_HUMAN	Peroxisredoxin-2	PRDX2	1.354
220	sp P49748 ACADV_HUMAN	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial	ACADVL	1.352
221	sp Q9BSE5 SPEB_HUMAN	Agmatinase, mitochondrial	AGMAT	1.352

222	sp P54577 SYYC_HUMAN	Tyrosine--tRNA ligase, cytoplasmic	YARS	1.351
223	sp Q96I99 SUCB2_HUMAN	Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial	SUCLG2	1.350
224	sp P30101 PDIA3_HUMAN	Protein disulfide-isomerase A3	PDIA3	1.350
225	sp Q9UN86 G3BP2_HUMAN	Ras GTPase-activating protein-binding protein 2	G3BP2	1.349
226	sp O43852 CALU_HUMAN	Calumenin	CALU	1.349
227	sp P38117 ETFB_HUMAN	Electron transfer flavoprotein subunit beta	ETFB	1.348
228	sp P63208 SKP1_HUMAN	S-phase kinase-associated protein 1	SKP1	1.348
229	sp P07148 FABPL_HUMAN	Fatty acid-binding protein, liver	FABP1	1.347
230	sp P61978 HNRPK_HUMAN	Heterogeneous nuclear ribonucleoprotein K	HNRNPK	1.347
231	sp P55072 TERA_HUMAN	Transitional endoplasmic reticulum ATPase	VCP	1.345
232	sp P14625 ENPL_HUMAN	Endoplasmin	HSP90B1	1.345
233	sp P09525 ANXA4_HUMAN	Annexin A4	ANXA4	1.345
234	sp P07237 PDIA1_HUMAN	Protein disulfide-isomerase	P4HB	1.344
235	sp P13667 PDIA4_HUMAN	Protein disulfide-isomerase A4	PDIA4	1.344
236	sp Q12849 GRSF1_HUMAN	G-rich sequence factor 1	GRSF1	1.344
237	sp P07910 HNRPC_HUMAN	Heterogeneous nuclear ribonucleoproteins C1/C2	HNRNPC	1.344
238	sp Q99623 PHB2_HUMAN	Prohibitin-2	PHB2	1.344
239	sp O75367 H2AY_HUMAN	Core histone macro-H2A.1	H2AFY	1.343
240	sp O60218 AK1BA_HUMAN	Aldo-keto reductase family 1 member B10	AKR1B10	1.342
241	sp P30041 PRDX6_HUMAN	Peroxiredoxin-6	PRDX6	1.341
242	sp P31948 STIP1_HUMAN	Stress-induced-phosphoprotein 1	STIP1	1.341
243	sp Q9Y4L1 HYOU1_HUMAN	Hypoxia up-regulated protein 1	HYOU1	1.341
244	sp P43686 PRS6B_HUMAN	26S proteasome regulatory subunit 6B	PSMC4	1.340
245	sp Q9Y2W1 TR150_HUMAN	Thyroid hormone receptor-associated protein 3	THRAP3	1.340
246	sp P13010 XRCC5_HUMAN	X-ray repair cross-complementing protein 5	XRCC5	1.340
247	sp P52272 HNRPM_HUMAN	Heterogeneous nuclear ribonucleoprotein M	HNRNPM	1.339
248	sp P63241 IF5A1_HUMAN	Eukaryotic translation initiation factor 5A-1	EIF5A	1.338
249	sp O00764 PDXK_HUMAN	Pyridoxal kinase	PDXK	1.337
250	sp P46783 RS10_HUMAN	40S ribosomal protein S10	RPS10	1.336

251	sp P12956 XRCC6_HUMAN	X-ray repair cross-complementing protein 6	XRCC6	1.336
252	sp P11940 PABP1_HUMAN	Polyadenylate-binding protein 1	PABPC1	1.335
253	sp P20042 IF2B_HUMAN	Eukaryotic translation initiation factor 2 subunit 2	EIF2S2	1.334
254	sp P25705 ATPA_HUMAN	ATP synthase subunit alpha, mitochondrial	ATP5F1A	1.333
255	sp Q8TAE8 G45IP_HUMAN	Growth arrest and DNA damage-inducible proteins-interacting protein 1	GADD45GIP1	1.332
256	sp Q13573 SNW1_HUMAN	SNW domain-containing protein 1	SNW1	1.332
257	sp Q15417 CNN3_HUMAN	Calponin-3	CNN3	1.332
258	sp Q92783 STAM1_HUMAN	Signal transducing adapter molecule 1	STAM	1.331
259	sp P20700 LMNB1_HUMAN	Lamin-B1	LMNB1	1.331
260	sp Q9Y2B0 CNPY2_HUMAN	Protein canopy homolog 2	CNPY2	1.331
261	sp O14745 NHRF1_HUMAN	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	SLC9A3R1	1.330
262	sp O95831 AIFM1_HUMAN	Apoptosis-inducing factor 1, mitochondrial	AIFM1	1.330
263	sp P17980 PRS6A_HUMAN	26S proteasome regulatory subunit 6A	PSMC3	1.330
264	sp P60174 TPIS_HUMAN	Triosephosphate isomerase	TPI1	1.329
265	sp P23141 EST1_HUMAN	Liver carboxylesterase 1	CES1	1.329
266	sp P46087 NOP2_HUMAN	Probable 28S rRNA (cytosine(4447)-C(5))-methyltransferase	NOP2	1.329
267	sp P00352 AL1A1_HUMAN	Retinal dehydrogenase 1	ALDH1A1	1.328
268	sp O60664 PLIN3_HUMAN	Perilipin-3	PLIN3	1.327
269	sp P02545 LMNA_HUMAN	Prelamin-A/C	LMNA	1.327
270	sp O60506 HNRPQ_HUMAN	Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP	1.325
271	sp O00566 MPP10_HUMAN	U3 small nucleolar ribonucleoprotein protein MPP10	MPHOSPH10	1.324
272	sp P61247 RS3A_HUMAN	40S ribosomal protein S3a	RPS3A	1.324
273	sp P52565 GDIR1_HUMAN	Rho GDP-dissociation inhibitor 1	ARHGDIA	1.324
274	sp P07737 PROF1_HUMAN	Profilin-1	PFN1	1.323
275	sp O43615 TIM44_HUMAN	Mitochondrial import inner membrane translocase subunit TIM44	TIMM44	1.321
276	sp Q08426 ECHP_HUMAN	Peroxisomal bifunctional enzyme	EHHADH	1.320
277	sp P21964 COMT_HUMAN	Catechol O-methyltransferase	COMT	1.320
278	sp P00367 DHE3_HUMAN	Glutamate dehydrogenase 1,	GLUD1	1.319

		mitochondrial		
279	sp P24539 AT5F1_HUMAN	ATP synthase F(0) complex subunit B1, mitochondrial	ATP5F1	1.317
280	sp P46108 CRK_HUMAN	Adapter molecule crk	CRK	1.316
281	sp Q92841 DDX17_HUMAN	Probable ATP-dependent RNA helicase DDX17	DDX17	1.311
282	sp P11021 BIP_HUMAN	Endoplasmic reticulum chaperone BiP	HSPA5	1.310
283	sp P26368 U2AF2_HUMAN	Splicing factor U2AF 65 kDa subunit	U2AF2	1.310
284	sp Q15293 RCN1_HUMAN	Reticulocalbin-1	RCN1	1.310
285	sp P61088 UBE2N_HUMAN	Ubiquitin-conjugating enzyme E2 N	UBE2N	1.309
286	sp Q15691 MARE1_HUMAN	Microtubule-associated protein RP/EB family member 1	MAPRE1	1.307
287	sp Q9BSH4 TACO1_HUMAN	Translational activator of cytochrome c oxidase 1	TACO1	1.306
288	sp O75821 EIF3G_HUMAN	Eukaryotic translation initiation factor 3 subunit G	EIF3G	1.305
289	sp Q9BZE9 ASPC1_HUMAN	Tether containing UBX domain for GLUT4	ASPCR1	1.302
290	sp Q9NR30 DDX21_HUMAN	Nucleolar RNA helicase 2	DDX21	0.710
291	sp P11047 LAMC1_HUMAN	Laminin subunit gamma-1	LAMC1	0.710
292	sp P07900 HS90A_HUMAN	Heat shock protein HSP 90-alpha	HSP90AA1	0.709
293	sp Q9P2E9 RRBP1_HUMAN	Ribosome-binding protein 1	RRBP1	0.709
294	sp P55884 EIF3B_HUMAN	Eukaryotic translation initiation factor 3 subunit B	EIF3B	0.709
295	sp P60842 IF4A1_HUMAN	Eukaryotic initiation factor 4A-I	EIF4A1	0.709
296	sp Q08211 DHX9_HUMAN	ATP-dependent RNA helicase A	DHX9	0.709
297	sp Q14677 EPN4_HUMAN	Clathrin interactor 1	CLINT1	0.709
298	sp Q6Y7W6 GGYF2_HUMAN	GRB10-interacting GYF protein 2	GIGYF2	0.708
299	sp Q16851 UGPA_HUMAN	UTP--glucose-1-phosphate uridylyltransferase	UGP2	0.708
300	sp Q9UBQ7 GRHPR_HUMAN	Glyoxylate reductase/hydroxypyruvate reductase	GRHPR	0.708
301	sp Q04637 IF4G1_HUMAN	Eukaryotic translation initiation factor 4 gamma 1	EIF4G1	0.708
302	sp P50552 VASP_HUMAN	Vasodilator-stimulated phosphoprotein	VASP	0.707
303	sp Q9Y295 DRG1_HUMAN	Developmentally-regulated GTP-binding protein 1	DRG1	0.707
304	sp P50990 TCPQ_HUMAN	T-complex protein 1 subunit theta	CCT8	0.707

305	sp Q92616 GCN1_HUMAN	eIF-2-alpha kinase activator GCN1	GCN1	0.707
306	sp P25205 MCM3_HUMAN	DNA replication licensing factor MCM3	MCM3	0.707
307	sp P24666 PPAC_HUMAN	Low molecular weight phosphotyrosine protein phosphatase	ACP1	0.706
308	sp P02751 FINC_HUMAN	Fibronectin	FN1	0.706
309	sp P54578 UBP14_HUMAN	Ubiquitin carboxyl-terminal hydrolase 14	USP14	0.706
310	sp P40939 ECHA_HUMAN	Trifunctional enzyme subunit alpha, mitochondrial	HADHA	0.705
311	sp P49915 GUAA_HUMAN	GMP synthase [glutamine-hydrolyzing]	GMPS	0.704
312	sp O60763 USO1_HUMAN	General vesicular transport factor p115	USO1	0.704
313	sp P46939 UTRO_HUMAN	Utrophin	UTRN	0.703
314	sp Q15067 ACOX1_HUMAN	Peroxisomal acyl-coenzyme A oxidase 1	ACOX1	0.703
315	sp P00338 LDHA_HUMAN	L-lactate dehydrogenase A chain	LDHA	0.703
316	sp O75396 SEC22B_HUMAN	Vesicle-trafficking protein SEC22b	SEC22B	0.702
317	sp O43252 PAPS1_HUMAN	Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1	PAPSS1	0.702
318	sp Q9Y617 SERC_HUMAN	Phosphoserine aminotransferase	PSAT1	0.701
319	sp P42704 LPPRC_HUMAN	Leucine-rich PPR motif-containing protein, mitochondrial	LRPPRC	0.701
320	sp P12081 SYHC_HUMAN	Histidine--tRNA ligase, cytoplasmic	HARS	0.701
321	sp P49736 MCM2_HUMAN	DNA replication licensing factor MCM2	MCM2	0.701
322	sp P50895 BCAM_HUMAN	Basal cell adhesion molecule	BCAM	0.701
323	sp P26641 EF1G_HUMAN	Elongation factor 1-gamma	EEF1G	0.700
324	sp P58107 EPIPL_HUMAN	Epiplakin	EPPK1	0.699
325	sp Q96AG4 LRC59_HUMAN	Leucine-rich repeat-containing protein 59	LRRC59	0.699
326	sp Q01082 SPTB2_HUMAN	Spectrin beta chain, non-erythrocytic 1	SPTBN1	0.699
327	sp Q00610 CLH1_HUMAN	Clathrin heavy chain 1	CLTC	0.699
328	sp P33992 MCM5_HUMAN	DNA replication licensing factor MCM5	MCM5	0.699
329	sp P61221 ABCE1_HUMAN	ATP-binding cassette sub-family E member 1	ABCE1	0.699
330	sp O76003 GLRX3_HUMAN	Glutaredoxin-3	GLRX3	0.699
331	sp P23526 SAHH_HUMAN	Adenosylhomocysteinase	AHCY	0.699

332	sp Q9UJS0 CMC2_HUMAN	Calcium-binding mitochondrial carrier protein Aralar2	SLC25A13	0.699
333	sp P54886 P5CS_HUMAN	Delta-1-pyrroline-5-carboxylate synthase	ALDH18A1	0.698
334	sp Q12906 ILF3_HUMAN	Interleukin enhancer-binding factor 3	ILF3	0.698
335	sp P04406 G3P_HUMAN	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	0.698
336	sp P26640 SYVC_HUMAN	Valine--tRNA ligase	VAR5	0.697
337	sp P78527 PRKDC_HUMAN	DNA-dependent protein kinase catalytic subunit	PRKDC	0.697
338	sp P11586 C1TC_HUMAN	C-1-tetrahydrofolate synthase, cytoplasmic	MTHFD1	0.697
339	sp Q93009 UBP7_HUMAN	Ubiquitin carboxyl-terminal hydrolase 7	USP7	0.697
340	sp Q14694 UBP10_HUMAN	Ubiquitin carboxyl-terminal hydrolase 10	USP10	0.697
341	sp P55157 MTP_HUMAN	Microsomal triglyceride transfer protein large subunit	MTTP	0.696
342	sp P22695 QCR2_HUMAN	Cytochrome b-c1 complex subunit 2, mitochondrial	UQCRC2	0.696
343	sp Q13200 PSMD2_HUMAN	26S proteasome non-ATPase regulatory subunit 2	PSMD2	0.696
344	sp P08559 ODPA_HUMAN	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial	PDHA1	0.695
345	sp P14618 KPYM_HUMAN	Pyruvate kinase PKM	PKM	0.695
346	sp O43707 ACTN4_HUMAN	Alpha-actinin-4	ACTN4	0.695
347	sp P41252 SYIC_HUMAN	Isoleucine--tRNA ligase, cytoplasmic	IARS	0.695
348	sp P60228 EIF3E_HUMAN	Eukaryotic translation initiation factor 3 subunit E	EIF3E	0.695
349	sp Q99613 EIF3C_HUMAN	Eukaryotic translation initiation factor 3 subunit C	EIF3C	0.695
350	sp O43175 SERA_HUMAN	D-3-phosphoglycerate dehydrogenase	PHGDH	0.695
351	sp O95394 AGM1_HUMAN	Phosphoacetylglucosamine mutase	PGM3	0.694
352	sp P49368 TCPG_HUMAN	T-complex protein 1 subunit gamma	CCT3	0.694
353	sp P31040 SDHA_HUMAN	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	SDHA	0.693
354	sp P40925 MDHC_HUMAN	Malate dehydrogenase, cytoplasmic	MDH1	0.693
355	sp Q13085 ACACA_HUMAN	Acetyl-CoA carboxylase 1	ACACA	0.693
356	sp O94979 SEC31A_HUMAN	Protein transport protein Sec31A	SEC31A	0.693

357	sp P11498 PYC_HUMAN	Pyruvate carboxylase, mitochondrial	PC	0.693
358	sp P30153 2AAA_HUMAN	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	PPP2R1A	0.693
359	sp P46109 CRKL_HUMAN	Crk-like protein	CRKL	0.693
360	sp Q00341 VIGLN_HUMAN	Vigilin	HDLBP	0.691
361	sp P14550 AK1A1_HUMAN	Alcohol dehydrogenase [NADP(+)]	AKR1A1	0.691
362	sp P51570 GALK1_HUMAN	Galactokinase	GALK1	0.690
363	sp P09543 CN37_HUMAN	2',3'-cyclic-nucleotide 3'-phosphodiesterase	CNP	0.690
364	sp P06744 G6PI_HUMAN	Glucose-6-phosphate isomerase	GPI	0.690
365	sp O75116 ROCK2_HUMAN	Rho-associated protein kinase 2	ROCK2	0.689
366	sp O95336 6PGL_HUMAN	6-phosphogluconolactonase	PGLS	0.689
367	sp P00387 NB5R3_HUMAN	NADH-cytochrome b5 reductase 3	CYB5R3	0.689
368	sp P37268 FDFT_HUMAN	Squalene synthase	FDFT1	0.689
369	sp P50395 GDI2_HUMAN	Rab GDP dissociation inhibitor beta	GDI2	0.689
370	sp Q16555 DPYL2_HUMAN	Dihydropyrimidinase-related protein 2	DPYSL2	0.689
371	sp O94906 PRP6_HUMAN	Pre-mRNA-processing factor 6	PRPF6	0.688
372	sp P04843 RPN1_HUMAN	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	RPN1	0.688
373	sp P06733 ENO1_HUMAN	Alpha-enolase	ENO1	0.688
374	sp P53396 ACLY_HUMAN	ATP-citrate synthase	ACLY	0.687
375	sp Q8N392 RHG18_HUMAN	Rho GTPase-activating protein 18	ARHGAP18	0.686
376	sp O00571 DDX3X_HUMAN	ATP-dependent RNA helicase DDX3X	DDX3X	0.686
377	sp Q02818 NUCB1_HUMAN	Nucleobindin-1	NUCB1	0.686
378	sp Q13724 MOGS_HUMAN	Mannosyl-oligosaccharide glucosidase	MOGS	0.685
379	sp Q7Z4W1 DCXR_HUMAN	L-xylulose reductase	DCXR	0.685
380	sp Q13813 SPTN1_HUMAN	Spectrin alpha chain, non-erythrocytic 1	SPTAN1	0.685
381	sp Q9BT78 CSN4_HUMAN	COP9 signalosome complex subunit 4	COPS4	0.685
382	sp O75083 WDR1_HUMAN	WD repeat-containing protein 1	WDR1	0.684
383	sp P55786 PSA_HUMAN	Puromycin-sensitive aminopeptidase	NPEPPS	0.684

384	sp P54136 SYRC_HUMAN	Arginine--tRNA ligase, cytoplasmic	RARS	0.684
385	sp P53621 COPA_HUMAN	Coatomer subunit alpha	COPA	0.683
386	sp P00966 ASSY_HUMAN	Argininosuccinate synthase	ASS1	0.683
387	sp P14868 SYDC_HUMAN	Aspartate--tRNA ligase, cytoplasmic	DARS	0.683
388	sp P00558 PGK1_HUMAN	Phosphoglycerate kinase 1	PGK1	0.683
389	sp O75643 U520_HUMAN	U5 small nuclear ribonucleoprotein 200 kDa helicase	SNRNP200	0.683
390	sp O00410 IPO5_HUMAN	Importin-5	IPO5	0.683
391	sp O15305 PMM2_HUMAN	Phosphomannomutase 2	PMM2	0.682
392	sp P21333 FLNA_HUMAN	Filamin-A	FLNA	0.682
393	sp O00151 PDL1_HUMAN	PDZ and LIM domain protein 1	PDLIM1	0.681
394	sp Q8IY81 SPB1_HUMAN	pre-rRNA processing protein FTSJ3	FTSJ3	0.681
395	sp P62244 RS15A_HUMAN	40S ribosomal protein S15a	RPS15A	0.680
396	sp Q7KZF4 SND1_HUMAN	Staphylococcal nuclease domain-containing protein 1	SND1	0.680
397	sp O00429 DNM1L_HUMAN	Dynamin-1-like protein	DNM1L	0.680
398	sp Q86UE4 LYRIC_HUMAN	Protein LYRIC	MTDH	0.679
399	sp P47756 CAPZB_HUMAN	F-actin-capping protein subunit beta	CAPZB	0.679
400	sp P49419 AL7A1_HUMAN	Alpha-aminoadipic semialdehyde dehydrogenase	ALDH7A1	0.679
401	sp P11413 G6PD_HUMAN	Glucose-6-phosphate 1-dehydrogenase	G6PD	0.679
402	sp Q8WWM7 ATX2L_HUMAN	Ataxin-2-like protein	ATXN2L	0.678
403	sp P0DMV9 HS71B_HUMAN	Heat shock 70 kDa protein 1B	HSPA1B	0.678
404	sp Q9Y265 RUVB1_HUMAN	RuvB-like 1	RUVBL1	0.678
405	sp P01023 A2MG_HUMAN	Alpha-2-macroglobulin	A2M	0.678
406	sp O75369 FLNB_HUMAN	Filamin-B	FLNB	0.678
407	sp Q14974 IMB1_HUMAN	Importin subunit beta-1	KPNB1	0.678
408	sp P18124 RL7_HUMAN	60S ribosomal protein L7	RPL7	0.678
409	sp Q8NE71 ABCF1_HUMAN	ATP-binding cassette sub-family F member 1	ABCF1	0.677
410	sp P50991 TCPD_HUMAN	T-complex protein 1 subunit delta	CCT4	0.677
411	sp Q14247 SRC8_HUMAN	Src substrate cortactin	CTTN	0.677
412	sp Q15393 SF3B3_HUMAN	Splicing factor 3B subunit 3	SF3B3	0.676
413	sp P15924 DESP_HUMAN	Desmoplakin	DSP	0.676
414	sp P09327 VILI_HUMAN	Villin-1	VIL1	0.675
415	sp P33176 KINH_HUMAN	Kinesin-1 heavy chain	KIF5B	0.675
416	sp Q6P996 PDXD1_HUMAN	Pyridoxal-dependent	PDXDC1	0.674

		decarboxylase domain-containing protein 1		
417	sp Q9NTK5 OLA1_HUMAN	Obg-like ATPase 1	OLA1	0.674
418	sp P16435 NCPR_HUMAN	NADPH--cytochrome P450 reductase	POR	0.674
419	sp Q9BWD1 THIC_HUMAN	Acetyl-CoA acetyltransferase, cytosolic	ACAT2	0.672
420	sp P52209 6PGD_HUMAN	6-phosphogluconate dehydrogenase, decarboxylating	PGD	0.672
421	sp P13639 EF2_HUMAN	Elongation factor 2	EEF2	0.671
422	sp P49588 SYAC_HUMAN	Alanine--tRNA ligase, cytoplasmic	AARS	0.671
423	sp O60716 CTND1_HUMAN	Catenin delta-1	CTNND1	0.671
424	sp P16152 CBR1_HUMAN	Carbonyl reductase [NADPH] 1	CBR1	0.670
425	sp O75153 CLU_HUMAN	Clustered mitochondria protein homolog	CLUH	0.670
426	sp P61158 ARP3_HUMAN	Actin-related protein 3	ACTR3	0.670
427	sp P22234 PUR6_HUMAN	Multifunctional protein ADE2	PAICS	0.670
428	sp Q9Y490 TLN1_HUMAN	Talin-1	TLN1	0.669
429	sp P34932 HSP74_HUMAN	Heat shock 70 kDa protein 4	HSPA4	0.668
430	sp P39748 FEN1_HUMAN	Flap endonuclease 1	FEN1	0.666
431	sp P33993 MCM7_HUMAN	DNA replication licensing factor MCM7	MCM7	0.666
432	sp P12814 ACTN1_HUMAN	Alpha-actinin-1	ACTN1	0.665
433	sp Q14566 MCM6_HUMAN	DNA replication licensing factor MCM6	MCM6	0.665
434	sp P07437 TUBB5_HUMAN	Tubulin beta chain	TUBB	0.665
435	sp P55263 ADK_HUMAN	Adenosine kinase	ADK	0.665
436	sp P15170 ERF3A_HUMAN	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A	GSPT1	0.663
437	sp P49257 LMAN1_HUMAN	Protein ERGIC-53	LMAN1	0.662
438	sp Q9UHD8 SEPT9_HUMAN	Septin-9	Sep-09	0.662
439	sp Q01581 HMCS1_HUMAN	Hydroxymethylglutaryl-CoA synthase, cytoplasmic	HMGCS1	0.662
440	sp P38606 VATA_HUMAN	V-type proton ATPase catalytic subunit A	ATP6V1A	0.662
441	sp O43776 SYNC_HUMAN	Asparagine--tRNA ligase, cytoplasmic	NARS	0.662
442	sp P35580 MYH10_HUMAN	Myosin-10	MYH10	0.660
443	sp P04844 RPN2_HUMAN	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2	RPN2	0.659
444	sp Q00839 HNRPU_HUMAN	Heterogeneous nuclear ribonucleoprotein U	HNRNPU	0.657
445	sp P62851 RS25_HUMAN	40S ribosomal protein S25	RPS25	0.657

446	sp P30740 ILEU_HUMAN	Leukocyte elastase inhibitor	SERPINB1	0.656
447	sp P02647 APOA1_HUMAN	Apolipoprotein A-I	APOA1	0.655
448	sp P08238 HS90B_HUMAN	Heat shock protein HSP 90-beta	HSP90AB1	0.654
449	sp P07814 SYEP_HUMAN	Bifunctional glutamate/proline--tRNA ligase	EPRS	0.654
450	sp P39656 OST48_HUMAN	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	DDOST	0.650
451	sp Q9NYU2 UGGG1_HUMAN	UDP-glucose:glycoprotein glucosyltransferase 1	UGGT1	0.650
452	sp Q9HC38 GLOD4_HUMAN	Glyoxalase domain-containing protein 4	GLOD4	0.650
453	sp Q99536 VAT1_HUMAN	Synaptic vesicle membrane protein VAT-1 homolog	VAT1	0.650
454	sp P35998 PRS7_HUMAN	26S proteasome regulatory subunit 7	PSMC2	0.647
455	sp P31350 RIR2_HUMAN	Ribonucleoside-diphosphate reductase subunit M2	RRM2	0.646
456	sp Q8WUM4 PDC6I_HUMAN	Programmed cell death 6-interacting protein	PDCD6IP	0.645
457	sp Q96QK1 VPS35_HUMAN	Vacuolar protein sorting-associated protein 35	VPS35	0.644
458	sp P62191 PRS4_HUMAN	26S proteasome regulatory subunit 4	PSMC1	0.642
459	sp P01009 A1AT_HUMAN	Alpha-1-antitrypsin	SERPINA1	0.641
460	sp P07339 CATD_HUMAN	Cathepsin D	CTSD	0.640
461	sp P62760 VISL1_HUMAN	Visinin-like protein 1	VSNL1	0.639
462	sp P49327 FAS_HUMAN	Fatty acid synthase	FASN	0.637
463	sp P25786 PSA1_HUMAN	Proteasome subunit alpha type-1	PSMA1	0.636
464	sp P35579 MYH9_HUMAN	Myosin-9	MYH9	0.635
465	sp Q9Y6M1 IF2B2_HUMAN	Insulin-like growth factor 2 mRNA-binding protein 2	IGF2BP2	0.635
466	sp P52292 IMA1_HUMAN	Importin subunit alpha-1	KPNA2	0.629
467	sp P48047 ATPO_HUMAN	ATP synthase subunit O, mitochondrial	ATP5O	0.628
468	sp Q14152 EIF3A_HUMAN	Eukaryotic translation initiation factor 3 subunit A	EIF3A	0.625
469	sp P51812 KS6A3_HUMAN	Ribosomal protein S6 kinase alpha-3	RPS6KA3	0.622
470	sp Q9UNX3 RL26L_HUMAN	60S ribosomal protein L26-like 1	RPL26L1	0.618
471	sp P61313 RL15_HUMAN	60S ribosomal protein L15	RPL15	0.618
472	sp Q14204 DYHC1_HUMAN	Cytoplasmic dynein 1 heavy chain 1	DYNC1H1	0.612
473	sp P02656 APOC3_HUMAN	Apolipoprotein C-III	APOC3	0.606

474	sp Q9UQ35 SRRM2_HUMAN	Serine/arginine repetitive matrix protein 2	SRRM2	0.595
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