

Supplementary Materials

Intrinsic disorder as a natural preservative: High levels of in-trinsic disorder in proteins found in the 2,600-year-old human brain

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Figure S1. Amino acid sequences of the Heslington brain proteins analyzed in this study

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>sp|P08779|K1C16_HUMAN Keratin, type I cytoskeletal 16 OS=Homo
sapiens OX=9606 GN=KRT16 PE=1 SV=4

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>sp|P02538|K2C6A_HUMAN Keratin, type II cytoskeletal 6A OS=Homo
sapiens OX=9606 GN=KRT6A PE=1 SV=3

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>sp|P04259|K2C6B_HUMAN Keratin, type II cytoskeletal 6B OS=Homo
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>sp|P48668|K2C6C_HUMAN Keratin, type II cytoskeletal 6C OS=Homo
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>sp|P13645|K1C10_HUMAN Keratin, type I cytoskeletal 10 OS=Homo sapiens OX=9606 GN=KRT10 PE=1 SV=6

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>sp|P35908|K22E_HUMAN Keratin, type II cytoskeletal 2 epidermal OS=Homo sapiens OX=9606 GN=KRT2 PE=1 SV=2

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SAVA

>sp|P04792|HSPB1_HUMAN Heat shock protein beta-1 OS=Homo sapiens
OX=9606 GN=HSPB1 PE=1 SV=2

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>sp|P68366|TBA4A_HUMAN Tubulin alpha-4A chain OS=Homo sapiens
OX=9606 GN=TUBA4A PE=1 SV=1

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VVEPYNSILTTHTTLEHSDCAFMVDNEAIYDICRRNLDIRPTYTNLNLRLISQIVSSITA
SLRFDGALNVDLTFEQTNLVPYPRIHFPLATYAPVISA EKAYHEQLSVAEITNACFEPAN
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>sp|Q13885|TBB2A_HUMAN Tubulin beta-2A chain OS=Homo sapiens
OX=9606 GN=TUBB2A PE=1 SV=1

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>sp|Q9BVA1|TBB2B_HUMAN Tubulin beta-2B chain OS=Homo sapiens
OX=9606 GN=TUBB2B PE=1 SV=1

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 >sp|A6NNZ2|TBB8B_HUMAN Tubulin beta 8B OS=Homo sapiens OX=9606
 GN=TUBB8B PE=1 SV=1
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 >sp|P13639|EF2_HUMAN Elongation factor 2 OS=Homo sapiens OX=9606
 GN=EEF2 PE=1 SV=4
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 >sp|Q15029|U5S1_HUMAN 116 kDa U5 small nuclear ribonucleoprotein
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 PTSSSQRSFVEFILEPLYKILAQVVGVDVDTSLPRTLDELGIHLTKEELKLNIRPLRLVC
 KKFFGEFTGFVDMCVQHIPS PKVGAKPKIEHTYTGGVDS DLGEAMSDCDPDGPLMCHTTK
 MYSTDDGVQFHAFGRVLSGTIHAGQPVKVLGENYTLEDEEDSQICTVGR LWISVARYHIE
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>sp|P11021|BIP_HUMAN Endoplasmic reticulum chaperone BiP OS=Homo sapiens OX=9606 GN=HSPA5 PE=1 SV=2

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 TFDLTGIPPAPRGVPQIEVTFEIDVNGILRVTAEDKGTGNKNKITITNDQNRLTPEEIER
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>sp|P68371|TBB4B_HUMAN Tubulin beta-4B chain OS=Homo sapiens OX=9606 GN=TUBB4B PE=1 SV=1

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>sp|P04350|TBB4A_HUMAN Tubulin beta-4A chain OS=Homo sapiens OX=9606 GN=TUBB4A PE=1 SV=2

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>sp|Q3ZCM7|TBB8_HUMAN Tubulin beta-8 chain OS=Homo sapiens OX=9606 GN=TUBB8 PE=1 SV=2

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>sp|P19013|K2C4_HUMAN Keratin, type II cytoskeletal 4 OS=Homo sapiens OX=9606 GN=KRT4 PE=1 SV=5
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 SKNLEPLFETYLSVLRKQLDTLGNKGRQLQSELKTMQDSVEDFKTKYEEEINKRTAAEND
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>sp|P14136|GFAP_HUMAN Glial fibrillary acidic protein OS=Homo sapiens OX=9606 GN=GFAP PE=1 SV=1
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 GFKETRASERAEMMELNDRFASYIEKVRFLQEQNKALAAELNQLRAKEPTKLADVYQAE
 RELRLRLDQLTANSARLEVERDNLAQDLATVRQKLQDETNLRLAENNLAAAYRQEADAT
 LARLDLERKIESLEEEIRFLRKIHEEEVRELQEQRLARQQVHVVELDVAKPDLTAALKEIRT
 QYEAMASSNMHEAEWYRSKFADLTDAARNALLLRQAKHEANDYRRQLQSLTCDLESRL
 GTNESLERQMREQEERHVRQAASYQEALARLEEEGQSLKDEMARHLQEQDILLNVKLALD
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>sp|P31947|1433S_HUMAN 14-3-3 protein sigma OS=Homo sapiens OX=9606 GN=SFN PE=1 SV=1
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>sp|Q8TF66|LRC15_HUMAN Leucine-rich repeat-containing protein 15 OS=Homo sapiens OX=9606 GN=LRRC15 PE=2 SV=2
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 GKNSLTHISPRVFQHLGNLQVLRLYENRLTDIPMGTFDGLVNLQELALQQNQIGLLSPGL
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>sp|P07437|TUBB5_HUMAN Tubulin beta chain OS=Homo sapiens OX=9606 GN=TUBB PE=1 SV=2
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>sp|Q9BQE3|TBA1C_HUMAN Tubulin alpha-1C chain OS=Homo sapiens
OX=9606 GN=TUBA1C PE=1 SV=1
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SLRFDGALNVDLTFEQTNLVPYPRIHFPLATYAPVISA EKAYHEQLTVAEITNACFEPAN
QMVKCDPRHGYMACCLLYRGDVVPKDVNAAIATIKTKRTIQFVDWCPTGFKVGINYQPP
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>sp|P14735|IDE_HUMAN Insulin-degrading enzyme OS=Homo sapiens
OX=9606 GN=IDE PE=1 SV=4
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REVNAVDSSEHEKNVMNDAWRLFQLEKATGNPKHPFSKFGTGNKYTLETRPNQEGIDVRQE
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>sp|P02545|LMNA_HUMAN Prelamin-A/C OS=Homo sapiens OX=9606 GN=LMNA
PE=1 SV=1
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CSIM

>sp|Q08188|TGM3_HUMAN Protein-glutamine gamma-glutamyltransferase
E OS=Homo sapiens OX=9606 GN=TGM3 PE=1 SV=4

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>sp|P68104|EF1A1_HUMAN Elongation factor 1-alpha 1 OS=Homo sapiens
OX=9606 GN=EEF1A1 PE=1 SV=1

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GEFEAGISKNGQTREHALLAYTLGVKQLIVGVNKMDSPEPPYSQKRYEEIVKEVSTYIKK
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EALPGDNVGFNVKNVSVKDVRRGNVAGDSKNDPPMEAAGFTAQVIIILNHPGQISAGYAPV
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>sp|Q5VTE0|EF1A3_HUMAN Putative elongation factor 1-alpha-like 3
OS=Homo sapiens OX=9606 GN=EEF1A1P5 PE=5 SV=1

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PTDKPLRLPLQDVYKIGGIGTVPVGRVETGVLKPGMVVTFAPVNVTTTEVKSVMHHEALS
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>sp|Q05639|EF1A2_HUMAN Elongation factor 1-alpha 2 OS=Homo sapiens
OX=9606 GN=EEF1A2 PE=1 SV=1

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>sp|Q14574|DSC3_HUMAN Desmocollin-3 OS=Homo sapiens OX=9606
GN=DSC3 PE=1 SV=3

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 KENLAVGSKINGYKAYDPENRNGNGLRYKKLHDPKGWITIDEISGSIITSKILDREVETP
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 >sp|P60174|TPIS_HUMAN Triosephosphate isomerase OS=Homo sapiens
 OX=9606 GN=TP11 PE=1 SV=4
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 FVDIINAKQ
 >sp|P04083|ANXA1_HUMAN Annexin A1 OS=Homo sapiens OX=9606 GN=ANXA1
 PE=1 SV=2
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 >sp|P54652|HSP72_HUMAN Heat shock-related 70 kDa protein 2 OS=Homo
 sapiens OX=9606 GN=HSPA2 PE=1 SV=1
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 >sp|P05089|ARG11_HUMAN Arginase-1 OS=Homo sapiens OX=9606 GN=ARG1
 PE=1 SV=2
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>sp|Q6KB66|K2C80_HUMAN Keratin, type II cytoskeletal 80 OS=Homo
sapiens OX=9606 GN=KRT80 PE=1 SV=2
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>sp|P13646|K1C13_HUMAN Keratin, type I cytoskeletal 13 OS=Homo
sapiens OX=9606 GN=KRT13 PE=1 SV=4
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>sp|P12035|K2C3_HUMAN Keratin, type II cytoskeletal 3 OS=Homo
sapiens OX=9606 GN=KRT3 PE=1 SV=3
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>sp|Q13509|TBB3_HUMAN Tubulin beta-3 chain OS=Homo sapiens OX=9606
GN=TUBB3 PE=1 SV=2
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>sp|P27482|CALL3_HUMAN Calmodulin-like protein 3 OS=Homo sapiens
OX=9606 GN=CALLML3 PE=1 SV=2
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>sp|P0DMV9|HS71B_HUMAN Heat shock 70 kDa protein 1B OS=Homo
sapiens OX=9606 GN=HSPA1B PE=1 SV=1
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>sp|P0DMV8|HS71A_HUMAN Heat shock 70 kDa protein 1A OS=Homo
sapiens OX=9606 GN=HSPA1A PE=1 SV=1
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>sp|Q86SJ6|DSG4_HUMAN Desmoglein-4 OS=Homo sapiens OX=9606 GN=DSG4
PE=1 SV=1
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PLFLIYCRLNSRGEDLERPLELRVKVMDINDNAPVFSQSVYTASIEENS DAN TLVVKLC
ATDADEENHLNSKIAYKIVSQEP SGAPM FILNRYTGEVCTMSSFLDREQHSMYNLVVRGS
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 >sp|O43707|ACTN4_HUMAN Alpha-actinin-4 OS=Homo sapiens OX=9606
 GN=ACTN4 PE=1 SV=2
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 >sp|P62937|PPIA_HUMAN Peptidyl-prolyl cis-trans isomerase A
 OS=Homo sapiens OX=9606 GN=PPIA PE=1 SV=2
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 like 4C OS=Homo sapiens OX=9606 GN=PPIAL4C PE=2 SV=1
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 like 4E OS=Homo sapiens OX=9606 GN=PPIAL4E PE=3 SV=1
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 4D OS=Homo sapiens OX=9606 GN=PPIAL4D PE=3 SV=1
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>sp|Q9Y536|PAL4A_HUMAN Peptidyl-prolyl cis-trans isomerase A-like
4A OS=Homo sapiens OX=9606 GN=PPIAL4A PE=2 SV=1
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>sp|P04040|CATA_HUMAN Catalase OS=Homo sapiens OX=9606 GN=CAT PE=1
SV=3
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>sp|P00558|PGK1_HUMAN Phosphoglycerate kinase 1 OS=Homo sapiens
OX=9606 GN=PGK1 PE=1 SV=3
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>sp|P07205|PGK2_HUMAN Phosphoglycerate kinase 2 OS=Homo sapiens
OX=9606 GN=PGK2 PE=1 SV=3
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>sp|O76013|KRT36_HUMAN Keratin, type I cuticular Ha6 OS=Homo
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>sp|Q13228|SBP1_HUMAN Methanethiol oxidase OS=Homo sapiens OX=9606
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>sp|Q92817|EVPL_HUMAN Envoplakin OS=Homo sapiens OX=9606 GN=EVPL
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>sp|O75369|FLNB_HUMAN Filamin-B OS=Homo sapiens OX=9606 GN=FLNB
 PE=1 SV=2

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sapiens OX=9606 GN=SERPINB2 PE=1 SV=2
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>sp|Q5XKE5|K2C79_HUMAN Keratin, type II cytoskeletal 79 OS=Homo sapiens OX=9606 GN=KRT79 PE=1 SV=2

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>sp|P19012|K1C15_HUMAN Keratin, type I cytoskeletal 15 OS=Homo sapiens OX=9606 GN=KRT15 PE=1 SV=3

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>sp|P49327|FAS_HUMAN Fatty acid synthase OS=Homo sapiens OX=9606 GN=FASN PE=1 SV=3

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>sp|Q9Y446|PKP3_HUMAN Plakophilin-3 OS=Homo sapiens OX=9606
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sapiens OX=9606 GN=KRT72 PE=1 SV=2
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>sp|Q00610|CLH1_HUMAN Clathrin heavy chain 1 OS=Homo sapiens
OX=9606 GN=CLTC PE=1 SV=5

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>sp|P53675|CLH2_HUMAN Clathrin heavy chain 2 OS=Homo sapiens
OX=9606 GN=CLTCL1 PE=1 SV=2

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>sp|P0DPA3|SNH28_HUMAN Putative uncharacterized protein SNHG28
 OS=Homo sapiens OX=9606 GN=SNHG28 PE=5 SV=1

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>sp|P0DPA2|VSIG8_HUMAN V-set and immunoglobulin domain-containing
 protein 8 OS=Homo sapiens OX=9606 GN=VSIG8 PE=2 SV=1

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>sp|P02511|CRYAB_HUMAN Alpha-crystallin B chain OS=Homo sapiens
 OX=9606 GN=CRYAB PE=1 SV=2

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>sp|P00338|LDHA_HUMAN L-lactate dehydrogenase A chain OS=Homo
 sapiens OX=9606 GN=LDHA PE=1 SV=2

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>sp|Q9BYZ2|LDH6B_HUMAN L-lactate dehydrogenase A-like 6B OS=Homo
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>sp|P42357|HUTH_HUMAN Histidine ammonia-lyase OS=Homo sapiens
 OX=9606 GN=HAL PE=1 SV=1
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 sapiens OX=9606 GN=KRT77 PE=1 SV=3
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>sp|Q7Z3Y8|K1C27_HUMAN Keratin, type I cytoskeletal 27 OS=Homo
 sapiens OX=9606 GN=KRT27 PE=1 SV=2
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>sp|Q13867|BLMH_HUMAN Bleomycin hydrolase OS=Homo sapiens OX=9606
 GN=BLMH PE=1 SV=1
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>sp|P68133|ACTS_HUMAN Actin, alpha skeletal muscle OS=Homo sapiens
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OX=9606 GN=ACTA2 PE=1 SV=1

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>sp|P00491|PNPH_HUMAN Purine nucleoside phosphorylase OS=Homo sapiens
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>sp|Q09666|AHNK_HUMAN Neuroblast differentiation-associated
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>sp|Q58FG0|HS905_HUMAN Putative heat shock protein HSP 90-alpha A5 OS=Homo sapiens OX=9606 GN=HSP90AA5P PE=2 SV=1

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>sp|P07237|PDIA1_HUMAN Protein disulfide-isomerase OS=Homo sapiens OX=9606 GN=P4HB PE=1 SV=3

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>sp|P08727|K1C19_HUMAN Keratin, type I cytoskeletal 19 OS=Homo sapiens OX=9606 GN=KRT19 PE=1 SV=4

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>sp|P12814|ACTN1_HUMAN Alpha-actinin-1 OS=Homo sapiens OX=9606 GN=ACTN1 PE=1 SV=2

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>sp|P37802|TAGL2_HUMAN Transgelin-2 OS=Homo sapiens OX=9606 GN=TAGLN2 PE=1 SV=3

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>sp|P0C7H8|KRA23_HUMAN Keratin-associated protein 2-3 OS=Homo sapiens OX=9606 GN=KRTAP2-3 PE=1 SV=2

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>sp|Q9BYU5|KRA21_HUMAN Keratin-associated protein 2-1 OS=Homo
sapiens OX=9606 GN=KRTAP2-1 PE=2 SV=2
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>sp|Q9BYR9|KRA24_HUMAN Keratin-associated protein 2-4 OS=Homo
sapiens OX=9606 GN=KRTAP2-4 PE=1 SV=1
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>sp|Q9BYT5|KRA22_HUMAN Keratin-associated protein 2-2 OS=Homo
sapiens OX=9606 GN=KRTAP2-2 PE=2 SV=3
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>sp|Q07283|TRHY_HUMAN Trichohyalin OS=Homo sapiens OX=9606 GN=TCHH
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>sp|Q5VVQ6|OTU1_HUMAN Ubiquitin thioesterase OTU1 OS=Homo sapiens
OX=9606 GN=YOD1 PE=1 SV=1
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>sp|P28838|AMPL_HUMAN Cytosol aminopeptidase OS=Homo sapiens
OX=9606 GN=LAP3 PE=1 SV=3
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>sp|P32119|PRDX2_HUMAN Peroxiredoxin-2 OS=Homo sapiens OX=9606
GN=PRDX2 PE=1 SV=5
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>sp|P21333|FLNA_HUMAN Filamin-A OS=Homo sapiens OX=9606 GN=FLNA
PE=1 SV=4
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>sp|Q14315|FLNC_HUMAN Filamin-C OS=Homo sapiens OX=9606 GN=FLNC
 PE=1 SV=3

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>sp|P08238|HS90B_HUMAN Heat shock protein HSP 90-beta OS=Homo
sapiens OX=9606 GN=HSP90AB1 PE=1 SV=4

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>sp|Q58FF8|H90B2_HUMAN Putative heat shock protein HSP 90-beta 2
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FDGKSLVSVTKEGLELPEDGE EKKRMEERKAKFENLCKFMKETLDKKVEMVTVSNRLVSS
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>sp|Q58FF7|H90B3_HUMAN Putative heat shock protein HSP 90-beta-3
OS=Homo sapiens OX=9606 GN=HSP90AB3P PE=5 SV=1
MPEEVHHGEEEVETFAFQAEIAQLISLIINTFYSN E E IFLQELISNASDALDKIRYESLT
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KLVVITKHNDDEQYAWESSAGGSFTVHADHGEPIGRGTKVILHLKEDQTEYLEERRVKEV
VKKHSQFIGYPITLYLEKEQDKEISDDEAE E E KGEKEEEDKDDEEKPKIKDVGSDEEDDS
KEYGEFYKSLTSDWEDHLAVKHFSVEGQLEFRALLFSRRAPFDLFENKKKKNNIKLYVR
RVFIMDSCDELIPEYLNFIHGVVDS E DLP LNISREMLQQSKILKYVSHMKETQKSTYYIT
GESKEQVANS AFVERVRKQGFEVVMTEPID EYCVQQLKEFDGKSLVSVTKEGLELP EDE
EEKKKMEESKEKFENLCKLMKEILDKKVEKVTISNRLVSSPCCIVTSTYGTANMEQIMK
AQALRDNSTMGYMMAKKHLEINPDHPIMETLRQKAEADKNDKAVKDLVLLFETALLSSG
FSLEDPQTHSNHIYHMIKLG LGTDEDEVAEEPSDAVPDEIPPLEGDEEDASRMEEVD

>sp|P07737|PROF1_HUMAN Profilin-1 OS=Homo sapiens OX=9606 GN=PFN1
PE=1 SV=2
MAGWNAYIDNLMADGTCQDAAIVGYKDSPSVWAAVPGKTFVNITPAEVGVLVGKDRSSFY
VNGLT LGGQKCSVIRDSLLQDGEFSMDLRTKSTGGAPTFNVTVTKT DKT LVL LMGKEGVH
GGLINKKCYEMASHLRRSQY

>sp|P16152|CBR1_HUMAN Carbonyl reductase [NADPH] 1 OS=Homo sapiens
OX=9606 GN=CBR1 PE=1 SV=3
MSSGIHVALVTGGNKGIGLAIVRDL CRLFSGDVVL TARDVTRGQAAVQQLQAEGLSPRFH
QLDIDDLQSIRALRDFLRKEYGGLDVLVN NAGIAFKVADPTPFHIQAEVTMKTNFFGTRD
VCTELLPLIKPQGRVVNVSSIMSVRALKSCSPELQQKFRSETITEEELVGLMNKFVEDTK
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TKSPEEGAETPVYLALLPPDAEGPHGQFVSEKRVEQW

>sp|O75828|CBR3_HUMAN Carbonyl reductase [NADPH] 3 OS=Homo sapiens
OX=9606 GN=CBR3 PE=1 SV=3
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QLDIDDLQSIRALRDFLRKEYGGLNVLVNNA AVAFKSDDPMPFDIKAEMTLKTNFFATR N
MCNELLPIMKPHGRVVNISSLQCLRAFENCSEDLQERFHSETLTEGDLVDLMKKFVEDTK
NEVHEREGWPN SPYGVSKLGVTVLSRILARRLDEKRKADRILVNACCPGPVKTDMDGKDS
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>sp|P0DOX7|IGK_HUMAN Immunoglobulin kappa light chain OS=Homo
sapiens OX=9606 PE=1 SV=1
DIQMTQSPSTLSASVGDRTITCRASQSINTWLAWYQQKPGKAPKLLMYKASSLESQVPS
RFIGSGSGTEFTLTISSLQPD DFATYYCQQYNSDSKMFGQGTKVEVKGTVAAPS VFIFPP
SDEQLKSGTASVVCLLN NFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSSLT
LSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

>sp|P01834|IGKC_HUMAN Immunoglobulin kappa constant OS=Homo sapiens OX=9606 GN=IGKC PE=1 SV=2
RTVAAPSVFIFPPSDEQLKSGTASVVCLLNFFYPREAKVQWKVDNALQSGNSQESVTEQD
SKDSTYSLSSLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

>sp|P18669|PGAM1_HUMAN Phosphoglycerate mutase 1 OS=Homo sapiens OX=9606 GN=PGAM1 PE=1 SV=2
MAAYKLVLRHGESAWNLENRFSGWYDADLSPAGHEEAKRGGQALRDAGYEFDICFTSVQ
KRAIRTLWTVLDAIDQMWLPPVVRTWRLNERHYGGLTGLNKAETAAKHGAEQVKIWRRSYD
VPPPPMEPDHPFYNSISKDRRYADLTEDQLPSCESLKDTIARALPFWNEEIVPQIKEGKR
VLIAAHGNSLRGIVKHLEGLSEEAIMELNLPTGIPIVYELDKNLKPIKPMQFLGDEETVR
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>sp|P15259|PGAM2_HUMAN Phosphoglycerate mutase 2 OS=Homo sapiens OX=9606 GN=PGAM2 PE=1 SV=3
MATHRLVMVRHGESTWNQENRFCGWFDAELSEKGTTEEAKRGAKAIKDAKMEFDICYTSVL
KRAIRTLWAILDGTDOMWLPPVVRTWRLNERHYGGLTGLNKAETAAKHGEEQVKIWRRSFD
IPPPPMDEKHPPYNSISKERRYAGLKPGELPTCESLKDTIARALPFWNEEIVPQIKAGKR
VLIAAHGNSLRGIVKHLEGMSDQAIMELNLPTGIPIVYELNKKELKPTKPMQFLGDEETVR
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>sp|Q8N0Y7|PGAM4_HUMAN Probable phosphoglycerate mutase 4 OS=Homo sapiens OX=9606 GN=PGAM4 PE=3 SV=1
MAAYKLVLRHGESTWNLENRFSCWYDADLSPAGHEEAKRGGQALRDAGYEFDICLTSVQ
KRVIRTLWTVLDAIDQMWLPPVVRTWRLNERHYGGLTGLNKAETAAKHGAEQVKIWRRSYD
VPPPPMEPDHPFYNSISKDRRYADLTEDQLPSYESPKDTIARALPFWNEEIVPQIKEGKR
VLIAAHGNSLQGIKHHVEGLSEEAIMELNLPTGIPIVYELDKNLKPIKPMQFLGDEETVC
KAIEAVAAQGKAKK

>sp|P22314|UBA1_HUMAN Ubiquitin-like modifier-activating enzyme 1 OS=Homo sapiens OX=9606 GN=UBA1 PE=1 SV=3
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EDIGKNRAEVSQPRLAELNSYVPVTAYTGPLVEDFLSGFQVVVLTNTPLEDQLRVGEFCH
NRGIKLVVADTRGLFGQLFCDFGEEMILTDNNGEQPLSAMVSMVTKDNPGVVTCLDEARH
GFESGDFVSFSEVQGMVELNGNQPMIEIKVLGPYTFISICDTSNFSYIRGGIVSQVKVPPK
ISFKSLVASLAEPDFVVTDFAKFSRPAQLHIGFQALHQFCAQHGRPPRPRNEEDAAELVA
LAQAVNARALPAVQQNNLDEDLIRKLAYVAAGDLAPINAFIGGLAAQEVMAKACSGKFMP
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PHIRVTSHQNRVGPDTTERIYDDDFQNLGVDANALDNVDARMYMDRRCVYYRKPLLES
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ENVNQYLTDPKFVERTLRLAGTQPLEVLEAVQRSVLVLRPQTWADCVTWACHHWHQYSN
NIRQLLHNFPPDQLTSSGAPFWSGPKRCPHPLTFDVNNPLHLDYVMAAANLFAQTYGLTG
SQDRAAVATFLQSVQVPEFTPKSGVKIHVSDQELQSANASVDDSRLEELKATLPSPDKLP
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VVGLVCELELYKVVGHRQLDSYKNGFLNLALPFFGFSEPLAAPRHQYYNQEWTLWDRFEV
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RVSKRKLGRHVRALVLELCCNDESGEDVEVPYVRYTIR

>sp|P05388|RLA0_HUMAN 60S acidic ribosomal protein P0 OS=Homo sapiens OX=9606 GN=RPLP0 PE=1 SV=1

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VTVPAQNTGLGPEKTSFFQALGITTAKISRGTTIEILSDVQLIKTGDKVGASEATLLNMLNI
SPFSFGLVIQQVFDNGSIYNPEVLDITEETLHRSFLEGVRNVASVCLQIGYPTVASVPHS
IINGYKRVLALSVEVDYTFPLAEKVKAFLADPSAFVAAAPVAAATTAAPAAAAAPAKVEA
KEESEESDEDMGFGLFD

>sp|Q8NHW5|RLA0L_HUMAN 60S acidic ribosomal protein P0-like
OS=Homo sapiens OX=9606 GN=RPLP0P6 PE=5 SV=1

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MRKAIRGHLENNPALEKLLPHIWNVGFVFTKEDLTEIRDMLLANKVPAAARAGAIAPCE
VTVPAQNTGLGPEKTSFFQALGITTAKISRGTTIEILSDVQLIKTGDKVGASEATLLNMLNI
SPFSFGLVIQQVFDNGSIYNPEVLDKTEETLHRSFLEGVRNVASVCLQTGYPTVASVPHS
IINGYKRVLALSVEVDYTFPLAENVKAFLADPSAFVAAAPVAAADTTAAPAAAAAPAKVEA
KEESEESDEDMGFGLFD

>sp|P15090|FABP4_HUMAN Fatty acid-binding protein, adipocyte
OS=Homo sapiens OX=9606 GN=FABP4 PE=1 SV=3

MCDAFVGTWKLVSSENFDYMKKEVGVGFATRKVAGMAKPNMIISVNGDVITIKSESTFKN
TEISFILGQEFDEVTADDRKVKSTITLDGGVLVHVQKWDGKSTTIKRKREDDKLVVEECVM
KGVTSSTRVYERA

>sp|P02689|MYP2_HUMAN Myelin P2 protein OS=Homo sapiens OX=9606
GN=PMP2 PE=1 SV=3

MSNKFLGTWKLVSSENFDYMKALGVGLATRKLGNLAKPTVIISKKGDIITIRTESTFKN
TEISFKLGQEFEEETTADNRKTKSIVTLQRGSLNQVQRWDGKETTIKRKLNVNGKMVAECKM
KGVVCTRIYEKV

>sp|P29401|TKT_HUMAN Transketolase OS=Homo sapiens OX=9606 GN=TKT
PE=1 SV=3

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QDPRNPHNDRFVLSKGHAAPILYAVWAEAGFLAEAEELNLRLKISSDLDGHPVPKQAFSTDV
ATGSLGQGLGAACGMAYTGKYFDKASYRVYCLLDGDELSEGSVWEAMAFASIYKLDNLVA
ILDINRLGQSDPAPLQHQMIDIYQKRCEAFGWHAIIVDGHVSVEELCKAFGQAKHQPTAIIA
KTFKGRGITGVEDKESWHGKPLPKNMAEQIIQEIYSQIQSKKKILATPPQEDAPSVDIAN
IRMPSLPSYKVGDKIATRKAQGQALAKLGHASDRIIALDGDTKNSTFSEIFKKEHPDRFI
ECYIAEQNMVSIAGCATRNRTVPFCSTFAAFFTRAFFDQIRMAAISESNINLCGSHCGVS
IGEDGPSQMALEDLAMFRSVPTSTVFYPSDGVATEKAVELAANTKGICFIRTSRPNENAI
YNNNEDFQVGQAKVVLKSKDDQVTIVIGAGVTLHEALAAAELLKKEKINIRVLDPFTIKPL
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>sp|P60842|EIF4A1_HUMAN Eukaryotic initiation factor 4A-I OS=Homo
sapiens OX=9606 GN=EIF4A1 PE=1 SV=1

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LDEADEMLSRGFKDQIYDIFQKLNSNTQVVLLSATMPSDVLEVTKKFMRDPPIRILVKKEE
LTLEGIRQFYINVEREEWKLDLTCDLYETLTITQAVIFINTRRKVDWLTEKMHARDFTVS
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>sp|Q14240|IF4A2_HUMAN Eukaryotic initiation factor 4A-II OS=Homo sapiens OX=9606 GN=EIF4A2 PE=1 SV=2
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QRAIIPCICKGYDVIAQAQSGTGKTATFAISILQQLEIEFKETQALVLAPTRELAQQIQKV
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VLDEADEMLSRGFKDQIYEIFQKLNTSIQVVLLSATMPTDVLEVTKKFMRDPIRILVKKE
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SALHGDMQKERDVIMREFRSGSSRVLTITDLLARGIDVQQVSLVINYDLPTNRENYIHR
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>sp|P38919|IF4A3_HUMAN Eukaryotic initiation factor 4A-III OS=Homo sapiens OX=9606 GN=EIF4A3 PE=1 SV=4
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QIQKGLLALGDYMNQVCHACIGGTNVGEDIRKLDYGQHVAGTPGRVFDMIRRRSLRTRA
IKMLVLDEADEMLNKGFKEQIYDVYRYLPPATQVVLISATLPHEILEMTNKFMTDPIRIL
VKRDELTLLEGIKQFFVAVEREEWKFDLTCLDYDTLTITQAVIFCNTKRKVDWLTEKMREA
NFTVSSMHGDMPPQKERESIMKEFRSGASRVLISTDVWARGLDVPQVSLIINYDLPNREL
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>sp|P01860|IGHG3_HUMAN Immunoglobulin heavy constant gamma 3 OS=Homo sapiens OX=9606 GN=IGHG3 PE=1 SV=2
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GLYSLSSVVTVPSSSLGTQTYTCNVNHKPSNTKVDKRVELKTPLGDTTHTCPRCPEPKSC
DTPPPCPRCPEPKSCDTPPPCPRCPEPKSCDTPPPCPRCPAPELLGGPSVFLFPPKPKDT
LMISRTPEVTCVVDVSHEDPEVQFKWYVDGVEVHNAKTKPREEQYNSTFRVSVLTVLH
QDWLNGKEYKCKVSNKALPAPIEKTISKTKGQPREPQVYTLPPSREEMTKNQVSLTCLVK
GFYPSDIAVEWESSGQPENNYNTTPPMLDSDGSFFLYSKLTVDKSRWQQGNIFSCSVME
ALHNRFTQKSLSLSPGK

>sp|P11216|PYGB_HUMAN Glycogen phosphorylase, brain form OS=Homo sapiens OX=9606 GN=PYGB PE=1 SV=5
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RDHLVGRWIRTQQHYERDPKRIYYLSLEFYMGRTLQNTMVNLGLQACDEAIYQLGLDL
EELEEIEEDAGLNGGLGRLAACFLDSMATLGLAAYGYGIRYEFGIFNQKIVNGWQVEEA
DDWLRYGNPWEKARPEYMLPVHIFYGRVEHTPDGVKWLDTQVVLAMPYDTPVPGYKNNTVN
TMRLWSAKAPNDFKLQDFNVGDYIEAVLDRNLAENISRVLYPNDNFFEGKELRLKQYEFV
VAATLQDIIRRFKSSKFGCRDPVRTCFETFPDKVAIQLNDTHPALSIPELMRILVDVEKV
DWDKAWETTKKTCAYTNHTVLPEALERWPVSMFEKLLPRHLEIIYAINQRHLDHVAALFP
GDVDRLRRMSVIEEGDCKRINMAHLCVIGSHAVNGVARIHSEIVKQSVFKDFYELEPEKF
QNKTNGITPRRWLLLCNPLGLADTIVEKIGEEFLTDLSQLKKLLPLVSDEVFIRDVAKVKQ
ENKLFSAFLEKEYKVKINPSSMFDVHVKRIHEYKRQLLNCLHVVTLYNRIKRDPKAFV
PRTVMIGGKAAPGYHMAKLIKLVTSIGDVVNHDPPVVGDRLLKVFLENYRVSLAEKVIPA
ADLSQQISTAGTEASGTGNMKFMLNGALTIGTMDGANVEMAEEGAENLFIFGLRVEDVE
ALDRKGYNAREYYDHLPELKQAVDQISSGFFSPKEPDCFKDIVNMLMHDRFKVFADYEA
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>sp|P13489|RINI_HUMAN Ribonuclease inhibitor OS=Homo sapiens OX=9606 GN=RNH1 PE=1 SV=2
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LNLRSNELGDVGVHCVLQGLQTPSCKIQKLSLQNCCLTGAGCGVLSSTLRTLPTLQELHL
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 DINEAGVRVLCQGLKDSPCQLEALKLESCGVTSDNCRDLCGIVASKASLRELALGSNKLG
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 ARLLCETLLEPGCQLESLSWVKSCSFTAACCSHFSSVLAQNRFLLELQISNNRLEDAGVRE
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 >sp|Q6A163|K1C39_HUMAN Keratin, type I cytoskeletal 39 OS=Homo
 sapiens OX=9606 GN=KRT39 PE=1 SV=2
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 >sp|P01859|IGHG2_HUMAN Immunoglobulin heavy constant gamma 2
 OS=Homo sapiens OX=9606 GN=IGHG2 PE=1 SV=2
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 >sp|P01861|IGHG4_HUMAN Immunoglobulin heavy constant gamma 4
 OS=Homo sapiens OX=9606 GN=IGHG4 PE=1 SV=1
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 FLFPKPKDTLMISRTPEVTCVVVDVSDPEVQFNWYVDGVEVHNAKTKPREEQFNSTY
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 >sp|O00391|QSOX1_HUMAN Sulphydryl oxidase 1 OS=Homo sapiens
 OX=9606 GN=QSOX1 PE=1 SV=3
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 QKRNKIPYSFFKTALDDRKEGAVLAKKVNWIGCQGSEPHFRGFPCSLWVLFHFLTQQAAR
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 HNRVNARLAGAPSED PQFPKVQWPPRELCSACHNERLDVPVWDVEATLNFLKAHFSPSNI
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>sp|P62258|1433E_HUMAN 14-3-3 protein epsilon OS=Homo sapiens
OX=9606 GN=YWHAE PE=1 SV=1
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>sp|P13797|PLST_HUMAN Plastin-3 OS=Homo sapiens OX=9606 GN=PLS3
PE=1 SV=4
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>sp|P13796|PLSL_HUMAN Plastin-2 OS=Homo sapiens OX=9606 GN=LCP1
PE=1 SV=6
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HLLQVAPKGDDEEGVPAVIDMSGLEKDDIQRAECMLQQAERLGCRCQFVTATDVVRGNP
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 NSYRGILNPSQPGQSSSSSQTS GVSSSGQSVSSNQRPCSSDIPDSPCSGGPIVSHSGPYI
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>sp|Q7Z3Y7|K1C28_HUMAN Keratin, type I cytoskeletal 28 OS=Homo
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>sp|P01023|A2MG_HUMAN Alpha-2-macroglobulin OS=Homo sapiens
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 VVALHALSRYGAATFTRTEKTAQVTVQDSQTFSTNFQVDNNNLLLLQQISLPELPGEYVI
 TVTGERCYVLQTSMKYNILPEKEDSPFALKVQTVPQTCDGHKAHTSFQISLTISYTGMRP
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 QDIPVGLDKPAIVKVYDYETDESVAEYIAPCSTDTEHGNV
 >sp|P40121|CAPG_HUMAN Macrophage-capping protein OS=Homo sapiens
 OX=9606 GN=CAPG PE=1 SV=2
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 LHLWIGQQSSRDEQGACAVLAVHLNTLLGERPVQHREVQGNESDLFMSYFPRGLKYQEGG
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 KSNILERNKARDLALAIIRDSEKQGAQVEIVTDGEEPAEMIQVLGPKPALKEGNPEEDLT
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 >sp|Q92820|GGH_HUMAN Gamma-glutamyl hydrolase OS=Homo sapiens
 OX=9606 GN=GGH PE=1 SV=2
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 VKYLESAGARVVPVRLDLTEKDYEILFKSINGILFPGGSVDLRRSDYAKVAKIFYNLSIQ
 SFDDGDYFPVWGTC LGFEELSLLISGECLLTATDTVDVAMPLNFTGGQLHSRMFQNFPT
 LLLSLAVEPLTANFHKWSLSVKNFTMNEKLKFFNVLTNTD GKIEFISTMEGYKYPVYG
 VQWHPEKAPYEWKNLDGISHAPNAVKTAFYLAEFFVNEARKNNHHFKSESEEEKALIYQF
 SPIYTGNISSFQOCYIFD
 >sp|P62805|H4_HUMAN Histone H4 OS=Homo sapiens OX=9606 GN=H4-16
 PE=1 SV=2
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 VFLENVIRDAVTYTEHAKRKTVTAMDVVYALKRQGR TLYGFGG
 >sp|P07339|CATD_HUMAN Cathepsin D OS=Homo sapiens OX=9606 GN=CTSD
 PE=1 SV=1
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 HKYNSDKSSTYVKNGT SFDIHYGSGSLSGYLSQD TVSVPCQSASSASALGGVKVERQVFG
 EATKQPGITFIAAKFDGILGMAYPRISVNNVLPVFDNLMQQKLVDQNIFSYLSRDPDAQ
 PGGELMLGGTDSKYYKGSLSYLVNTRKAYWQVHLDQVEVASGLTLCKEGCEAIVDTGTSL
 MVGPVDEVRELQKAIGAVPLIQGEYMIPCEKVSTLPAITLKLGGKGYKLSPEDYTLKVSQ
 AGKTLCLSGFMGMDIPPPSGPLWILGDVFIGRYYTVFDRDNNRVGFAEAARL
 >sp|P12273|PIP_HUMAN Prolactin-inducible protein OS=Homo sapiens
 OX=9606 GN=PIP PE=1 SV=1
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 GICPDAAVPIKNNRFYTIEILKVE
 >sp|Q562R1|ACTBL_HUMAN Beta-actin-like protein 2 OS=Homo sapiens
 OX=9606 GN=ACTBL2 PE=1 SV=2
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 SKRGVLTLYPIEHGVVTNWDDMEKIWYHTFYNELRVAPDEHPILLTEAPLNPKINREKM
 TQIMFEAFNTPAMYVAIQAVLSLYASGR TTGIVMDSGDGVTHIVPIYEGYALPHAILRLD
 LAGRDLTDYLMKILTERGYNFTTTAEREIVRDVKEKLCYVALDFEQEMVRAAASSPERS

YELPDGQVITIGNERFRCPEAIFQPSFLGIESSGIHETTFNSIMKCDVDIRKDLANTVL
SGGSTMPYGIADRMQKEIITLAPSTMKIKIIAPPERKYSVWIGGSILASLSTFQQMWISK
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>sp|P01876|IGHA1_HUMAN Immunoglobulin heavy constant alpha 1
OS=Homo sapiens OX=9606 GN=IGHA1 PE=1 SV=2
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GDLYTTSSQLTLTPATQCLAGKSVTCHVKHYTNPSQDVTVPVPCVPSTPPTPSPSTPPTPSP
SCCHPRLSLHRPALEDLLLGSEANLTCTLTGLRDASGVTFTWTPSSGKSAVQGPPERDLC
GCYSVSSVLPGCAEPWNHGKTFTCTAAYPESKTPLTATLSKSGNTFRPEVHLLPPPSEEL
ALNELVTLTCLARGFSPKDVLRWLQGSQELPREKYLTWASRQEPSQGTTFFAVTSILRV
AAEDWKKGDTFSCMVGHEALPLAFTQKTIDRLAGKPTHVNVSVVMAEVDGTCY

>sp|P01877|IGHA2_HUMAN Immunoglobulin heavy constant alpha 2
OS=Homo sapiens OX=9606 GN=IGHA2 PE=1 SV=4
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GDLYTTSSQLTLTPATQCPDGKSVTCHVKHYTNSSQDVTVPCRVPVPPPPCCHPRLSLHRPA
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QPWNHGETFTCTAAHPELKTPLTANITKSGNTFRPEVHLLPPPSEELALNELVTLTCLAR
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MVGHEALPLAFTQKTIDRMAGKPTHINVSVMMAEADGTCY

>sp|P0DOX2|IGA2_HUMAN Immunoglobulin alpha-2 heavy chain OS=Homo
sapiens OX=9606 PE=1 SV=2
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TSSQLTLTPATQCPDGKSVTCHVKHYTNSSQDVTVPCRVPVPPPPCCHPRLSLHRPALEDLL
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GETFTCTAAHPELKTPLTANITKSGNTFRPEVHLLPPPSEELALNELVTLTCLARGFSPK
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>sp|P58876|H2B1D_HUMAN Histone H2B type 1-D OS=Homo sapiens
OX=9606 GN=H2BC5 PE=1 SV=2
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GIMNSFVNDIFERIAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT
KYTSSK

>sp|Q5QNW6|H2B2F_HUMAN Histone H2B type 2-F OS=Homo sapiens
OX=9606 GN=H2BC18 PE=1 SV=3
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GIMNSFVNDIFERIAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT
KYTSSK

>sp|Q93079|H2B1H_HUMAN Histone H2B type 1-H OS=Homo sapiens
OX=9606 GN=H2BC9 PE=1 SV=3
MPDPAKSAPAPKKGSKKAVTKAQKKDGKKRKRKRKRKESYSVYVYKVLKQVHPDTGISSKAM
GIMNSFVNDIFERIAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT
KYTSSK

>sp|Q99880|H2B1L_HUMAN Histone H2B type 1-L OS=Homo sapiens
OX=9606 GN=H2BC13 PE=1 SV=3
MPELAKSAPAPKKGSKKAVTKAQKKDGKKRKRKRKRKESYSVYVYKVLKQVHPDTGISSKAM

GIMNSFVNDIFERIASEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT
KYTSSK

>sp|P57053|H2BFS_HUMAN Histone H2B type F-S OS=Homo sapiens
OX=9606 GN=H2BC12L PE=1 SV=2
MPEPAKSAPAPKKGSKKAVTKAQKKDGRKRKRSRKESYSVYVYKVLKQVHPDTGISSKAM
GIMNSFVNDIFERIAAGEASRLPHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT
KYTSAK

>sp|P62807|H2B1C_HUMAN Histone H2B type 1-C/E/F/G/I OS=Homo
sapiens OX=9606 GN=H2BC10 PE=1 SV=4
MPEPAKSAPAPKKGSKKAVTKAQKKDGKKRKRKRSRKESYSVYVYKVLKQVHPDTGISSKAM
GIMNSFVNDIFERIAAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT
KYTSSK

>sp|O60814|H2B1K_HUMAN Histone H2B type 1-K OS=Homo sapiens
OX=9606 GN=H2BC12 PE=1 SV=3
MPEPAKSAPAPKKGSKKAVTKAQKKDGKKRKRKRSRKESYSVYVYKVLKQVHPDTGISSKAM
GIMNSFVNDIFERIAAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT
KYTSAK

>sp|Q99877|H2B1N_HUMAN Histone H2B type 1-N OS=Homo sapiens
OX=9606 GN=H2BC15 PE=1 SV=3
MPEPSKSAPAPKKGSKKAVTKAQKKDGKKRKRKRSRKESYSVYVYKVLKQVHPDTGISSKAM
GIMNSFVNDIFERIAAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT
KYTSSK

>sp|Q99879|H2B1M_HUMAN Histone H2B type 1-M OS=Homo sapiens
OX=9606 GN=H2BC14 PE=1 SV=3
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GIMNSFVNDIFERIAAGEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVT
KYTSSK

>sp|Q02878|RL6_HUMAN 60S ribosomal protein L6 OS=Homo sapiens
OX=9606 GN=RPL6 PE=1 SV=3
MAGEKVEKPDTEKKKPEAKKVDAGGKVKKGNLKAKKPKKGKPHCSRNPVLVRGIGRYSRS
AMYSRKAMYKRKYSAASKVEKKKKEKVLATVTKPVGGDKNGGTRVVKLRKMPRYPTED
VPRKLLSHGKKPFSQHVRKLRSITPGTILIIILTGRHRGKRVVFLKQLASGLLLVTGPLV
LNRVPLRRTHQKFVIATSTKIDISNVKIPKHLTDAYFKKKLRKPRHQEGEIFDTEKEY
EITEQRKIDQKAVDSQILPKIKAIPQLQGYLRSVFALTNGIYPHKLVE

>sp|P12277|KCRB_HUMAN Creatine kinase B-type OS=Homo sapiens
OX=9606 GN=CKB PE=1 SV=1
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VDNPGHPYIMTVGCVAGDEESYEVFKDLFDPIIEDRHGGYKPSDEHKTDLNPDNLQGGDD
LDPNYVLSSRVRTGRSIRGFCLPPHCSRGERRAIEKLAVEALSSLDGDLAGRYYALKSMT
EAEQQQLIDDHFLFDKPVSPLLLASGMARDWPDARGIWHNDNKTFLVWVNEEDHLRVISM
QKGGNMKEVFTRFCTGLTQIETLFKSKDYEFMWNPHLGYILTCPSNLGTGLRAGVHIKLP
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IEMEQRLEQQQAIDDLMPAQK

>sp|P52907|CAZA1_HUMAN F-actin-capping protein subunit alpha-1
OS=Homo sapiens OX=9606 GN=CAPZA1 PE=1 SV=3
MADFDDRVSDEEKVRIAANKFITHAPPGFNEVFNDVRLLLNNDNLLREGAAHAFAQYNMD
QFTPVKIEGYEDQVLITEHGD LGNSRFLDPRNKISFKFDHLRKEASDPQPEEADGGLKSW

RESCDSALRAYVKDHYSNGFCTVYAKTIDGQQTIIACIESHQFQPKNFWNGRWRSEWKFT
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 >sp|Q53RT3|APRV1_HUMAN Retroviral-like aspartic protease 1 OS=Homo
 sapiens OX=9606 GN=ASPRV1 PE=1 SV=1
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 APTLLCGFLFLAWVAAEVPEESSRMAGSGARSEEGRRQHAFVPEPFDGANVVPNLWLHSF
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 HLPKEIVFANSMGKGYLLKGKIGKVPVRFVLVDSGAQVSVVHPNLWEEVTDGDLDTLQPF
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 RTCTLKGKKFRLLPVGGSLDEDFDLELIEEDPSSEEGRQELSH
 >sp|Q9NZH8|IL36G_HUMAN Interleukin-36 gamma OS=Homo sapiens
 OX=9606 GN=IL36G PE=1 SV=1
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 CKYPEALEQGRGDPYILGIQNPEMCLYCEKVGEQPTLQLKEQKIMDLYGQPEPVKPFIFY
 RAKTGRSTSTLESVAFPDWFIASSKRQDPIILTSELGKSYNTAFELNIND
 >sp|Q07065|CKAP4_HUMAN Cytoskeleton-associated protein 4 OS=Homo
 sapiens OX=9606 GN=CKAP4 PE=1 SV=2
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 LTELTKSINDNIAIFTEVQKRSQKEINDMKAKVASLEESEGNKQDLKALKEAVKEIQ TSA
 KSREWDMEALRSTLQTMESDIYTEVRELVS LKQEQQAFKEAADTERLALQALTEKLLRSE
 ESVSRLPEEIRRLEELRQLKSDSHGPKEDGGFRHSEAFEALQQKSQGLDSRLQHVEDGV
 LSMQVASARQTESLESLLSKSQEHEQRLAALQGRLEGLGSSEADQDGLASTVRS LGETQL
 VLYGDVEELKRSVGELPSTVESLQKVQE QVHTLLSQDQAQAARLPPQDFLDRLSSLDNLK
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 >sp|P31946|1433B_HUMAN 14-3-3 protein beta/alpha OS=Homo sapiens
 OX=9606 GN=YWHAB PE=1 SV=3
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 WRVISSIEQKTERNEKKQQMGKEYREKIEAELQDICNDVLELLDKYLIPNATQPESKVFY
 LKMKGDYFRYLSEVASGDNKQTTVSNSQQAYQEA FEISKEMQPTHPIRLGLALNFSVFY
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 AGEGEN
 >sp|P35749|MYH11_HUMAN Myosin-11 OS=Homo sapiens OX=9606 GN=MYH11
 PE=1 SV=3
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 FCVVVNPKYKHLPIYSEKIVDMYKGKKRHEMPPHIYAIADTAYRSM LQDREDQSILCTGES
 GAGKTENTKKVIQYLAVVASSHKGK KDT SITGELEKQLLQANPILEAFGN AKTVKNDNSS
 RFGKFIRINFVDVTGYIVGANIETYLLEKSRAIRQARDERTFHIFYYMIAGAKEKMRSDLL
 LEGFNNTYF LSNGFVPIPAAQDD EMFQETVEAMAIMGFSEEEQLSILKVSVSVLQLGNIV
 FKKERN TDQASMPDN TAAQKVCHLMGINVTDFTRSILTPRIKVG RDVVQKAQTKEQADFA
 VEALAKATYERLFRWILTRVNKALDKTHRQGASFLGILDIAGFEIFEVNSFEQLCIN YTN
 EKLQQLFNHTMFILEQE EYQREGIEWNFIDFGLDLQPCIELIERPNNPPGVLALLDEECW

FPKATDKSFVEKLCTEQGSHPKFQKPKQLKDKTEFSIIHYAGKVDYNASAWLTKNMDPLN
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 LGKLMTTLRNTTTPNFVRCIIPNHEKRSGLDAFLVLEQLRCNGVLEGIRICRQGFPNRIV
 FQEFRQRYEILAANAI PKGFMDGKQACILMIKALELDPNLYRIGQSKI FFRTGVLAHLEE
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 VNALKSKLRRGNETSFVPSRRSGRRVIENADGSEETDTRDADFNGTKASE
 >sp|P31949|S10AB_HUMAN Protein S100-A11 OS=Homo sapiens OX=9606
 GN=S100A11 PE=1 SV=2
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 DRMMKKLDTNSDGQLDFSEFLNLIGGLAMACHDSFLKAVPSQKRT
 >sp|P40926|MDHM_HUMAN Malate dehydrogenase, mitochondrial OS=Homo
 sapiens OX=9606 GN=MDH2 PE=1 SV=3
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 VATLTAACAQHCPEAMICVIANPVNSTIPITAEVFKKHGVYNPNKIFGVTTLDIVRANTF
 VAELKGLDPA RVNPVIGGHAGKTIIPLISQCTPKVDFPQDQLTALTGRIQEAGTEVVKA
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 >sp|P06753|TPM3_HUMAN Tropomyosin alpha-3 chain OS=Homo sapiens
 OX=9606 GN=TPM3 PE=1 SV=2
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KYTSSK
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OX=9606 GN=H2BC11 PE=1 SV=3
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>sp|Q16778|H2B2E_HUMAN Histone H2B type 2-E OS=Homo sapiens
OX=9606 GN=H2BC21 PE=1 SV=3
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>sp|P33778|H2B1B_HUMAN Histone H2B type 1-B OS=Homo sapiens
OX=9606 GN=H2BC3 PE=1 SV=2
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KYTSSK
>sp|Q8N257|H2B3B_HUMAN Histone H2B type 3-B OS=Homo sapiens
OX=9606 GN=H2BU1 PE=1 SV=3
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GIMNSFVNDIFERIASEASRLAHYNKRSTITSREVQTAVRLLLPGELAKHAVSEGTKAVT
KYTSSK
>sp|Q6DRA6|H2B2D_HUMAN Putative histone H2B type 2-D OS=Homo
sapiens OX=9606 GN=H2BC19P PE=5 SV=3
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STPAPSESLPGPGARSLPPSLPPRVAGCFVSKGSFQGHLTPLVK
>sp|Q6DN03|H2B2C_HUMAN Putative histone H2B type 2-C OS=Homo
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STPAPSESLPGPGARSLPPSLPPRVAGCFVSKGSFQGHLTTSVKESFLCCQSQLMFLASR
LVNFRRAHNTKHR
>sp|P62987|RL40_HUMAN Ubiquitin-60S ribosomal protein L40 OS=Homo
sapiens OX=9606 GN=UBA52 PE=1 SV=2
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IQKESTLHLVLRRLRGGIIEPSLRQLAQKYNC DKMICRKYARLHPRAVNCRKKKCGHTNN
LRPKKKVK
>sp|P62979|RS27A_HUMAN Ubiquitin-40S ribosomal protein S27a
OS=Homo sapiens OX=9606 GN=RPS27A PE=1 SV=2
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CPSDECGAGVFMASHFDRHYCGKCCLTYCFNKPEDK
>sp|P0CG47|UBB_HUMAN Polyubiquitin-B OS=Homo sapiens OX=9606
GN=UBB PE=1 SV=1
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KIQDKEGIPPDQQRILIFAGKQLEDGRTLSDYNIQKESTLHLVLRRLRGGC
 >sp|P0CG48|UBC_HUMAN Polyubiquitin-C OS=Homo sapiens OX=9606
 GN=UBC PE=1 SV=3
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 FAGKQLEDGRTLSDYNIQKESTLHLVLRRLRGGMQIFVKTLTGKTITLEVEPSDTIENVKA
 KIQDKEGIPPDQQRILIFAGKQLEDGRTLSDYNIQKESTLHLVLRRLRGGMQIFVKTLTGKT
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 LRGGMQIFVKTLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQQRILIFAGKQLEDGRTL
 SDYNIQKESTLHLVLRRLRGGMQIFVKTLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQ
 QRILIFAGKQLEDGRTLSDYNIQKESTLHLVLRRLRGGMQIFVKTLTGKTITLEVEPSDTIE
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 GRTLSDYNIQKESTLHLVLRRLRGGV
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 PE=1 SV=1
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 DTIAANS
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 GN=PRSS1 PE=1 SV=1
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 NTIAANS
 >sp|Q8NHM4|TRY6_HUMAN Putative trypsin-6 OS=Homo sapiens OX=9606
 GN=PRSS3P2 PE=5 SV=2
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 DTIAANS
 >sp|P28074|PSB5_HUMAN Proteasome subunit beta type-5 OS=Homo
 sapiens OX=9606 GN=PSMB5 PE=1 SV=3
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 QCRIYELRNKERISVAAASKLLANMVYQYKGMGLSMGTMICGWDKRGPGLYYVDSEGNRI
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 DGWIRVSSDNVADLHEKYSGSTP
 >sp|P09972|ALDOC_HUMAN Fructose-bisphosphate aldolase C OS=Homo
 sapiens OX=9606 GN=ALDOC PE=1 SV=2
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NHAY

>sp|P49189|AL9A1_HUMAN 4-trimethylaminobutyraldehyde
dehydrogenase OS=Homo sapiens OX=9606 GN=ALDH9A1 PE=1 SV=3
MSTGTFVVSQPLNYRGGARVEPADASGTEKAFEPATGRVIATFTCSGEKEVNLA VQNAKA
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AGLAASMAGEHIQLPGGSFGYTRREPLGVCVGIGAWNYPFQIASWKSAPALACGNAMVFK
PSPFTPVSALLLA EIYSEAGVPPGLFNVVQGAATGQFLCQHPDVAKVSFTGSVPTGMKI
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>sp|P05387|RLA2_HUMAN 60S acidic ribosomal protein P2 OS=Homo
sapiens OX=9606 GN=RPLP2 PE=1 SV=1
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>sp|P10599|THIO_HUMAN Thioredoxin OS=Homo sapiens OX=9606 GN=TXN
PE=1 SV=3
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>sp|P55786|PSA_HUMAN Puromycin-sensitive aminopeptidase OS=Homo
sapiens OX=9606 GN=NPEPPS PE=1 SV=2
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RVLGATLLPDLIQKVLTFALSEEVRPQDTVSVIGGVAGGSKHGRKAAWKFIKDNWEEELYN
RYQGGFLISRLIKLSVEGFAVDKMAGEVKAFFESH PAPSAERTIQCCENILLNAAWLKR
DAESIHQYLLQRKASPPTV

>sp|A6NEC2|PSAL_HUMAN Puromycin-sensitive aminopeptidase-like
protein OS=Homo sapiens OX=9606 GN=NPEPPSL1 PE=2 SV=3
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 NLVTMEWWTHLRLNEG FASWIEYLCVDHCFPEYDIWTQFVSADYTRAQELDALDNSHP IE
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 >sp|P22531|SPR2E_HUMAN Small proline-rich protein 2E OS=Homo
 sapiens OX=9606 GN=SPRR2E PE=2 SV=2
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 PPCQPKCPPKSK
 >sp|P35325|SPR2B_HUMAN Small proline-rich protein 2B OS=Homo
 sapiens OX=9606 GN=SPRR2B PE=2 SV=1
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 sapiens OX=9606 GN=SPRR2D PE=2 SV=2
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 >sp|P35326|SPR2A_HUMAN Small proline-rich protein 2A OS=Homo
 sapiens OX=9606 GN=SPRR2A PE=1 SV=1
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 >sp|Q9BYE4|SPR2G_HUMAN Small proline-rich protein 2G OS=Homo
 sapiens OX=9606 GN=SPRR2G PE=3 SV=1
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 YPPCQQKYPPKSK
 >sp|Q96RM1|SPR2F_HUMAN Small proline-rich protein 2F OS=Homo
 sapiens OX=9606 GN=SPRR2F PE=3 SV=1
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 PPCQPKCPPKSK
 >sp|P38606|VATA_HUMAN V-type proton ATPase catalytic subunit A
 OS=Homo sapiens OX=9606 GN=ATP6V1A PE=1 SV=2
 MDFS KLPKILDEDEKSTFGYVHGVSGPVVTACDMAGAAMYELVRVGHSELVGEIIRLEGD
 MATIQVYEETSGVSVGDPVLR TGKPLSVELGPGIMGAIFDGIQRPLSDISSQTQSIYIPR
 GVNVSALSRDIKWDFTPCKNLRV GSHITGGDIYGIVSENSLIKHKIMLPPRNRGTVTYIA
 PPGNYDTS DVLLELEFEGVKEKFTMVQVWPVRQVRPVTEKLPANHPLLTGQRVLDALFPC
 VQGGTTAIPGAFGCGKTVISQSLSKYSNSDVIIYVGCGERGNEMSEVLRDFPELTMEVDG
 KVESIMKRTALVANTS NMPVAAREASIYTGITLSEYFRDMGYHVSMMADSTSRWAEALRE
 ISGR LAEMPADSGYPAYLGARLASFYERAGRVKCLGNPEREGSVSIVGAVSPPGGDFSDP
 VTSATLGIVQVFWGLDKKLAQRKHFP SVNWLISYSKYMALDEYDKHFTEFVPLRTKAK
 EILQEEEDLAEIVQLVGKASLAETDKITLEVAKLIKDDFLQQNGYTPYDRFCPFYKTVGM
 LSNMIAFYDMARRAVETTAQSDNKITWSI IREHMGDILYKLSSMKFKDPLKDGEAKIKSD
 YAQLLED MQNAFRSLED
 >sp|P29373|RABP2_HUMAN Cellular retinoic acid-binding protein 2
 OS=Homo sapiens OX=9606 GN=CRABP2 PE=1 SV=2
 MPNFSGNWKIIRSENFEELLKVLGVNVM LRKIAVAAASKPAVEIKQEGDTFYIKTSTTVR
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 ILTMTADDVVCTRVYVRE

>sp|Q2M2I5|K1C24_HUMAN Keratin, type I cytoskeletal 24 OS=Homo sapiens OX=9606 GN=KRT24 PE=1 SV=1
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 RQSV EADINGLRKVLDDLTMTSRDLEMQIESFTEELAYLRKNHEEEMKNMQGSSSGGEVTV
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 ITELKRTLQALEIELQSQLAMKSSLEGTLADTEAGYVAQLSEIQTQISALEEEICQIWGE
 TKCQNAEYKQLLDIKTRLEVEIET YRRLLDGEGGSSFAEFGGRNSGSVNMGSRDLVSGD
 SRSGSCSGQGRDSSKTRVTKTIVEELVDGKVVSSQVSSISEVKVK

>sp|P07108|ACBP_HUMAN Acyl-CoA-binding protein OS=Homo sapiens
 OX=9606 GN=DBI PE=1 SV=2
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 ELKGTSKEDAMKAYINKVEELKKKYGI

>sp|O75223|GGCT_HUMAN Gamma-glutamylcyclotransferase OS=Homo sapiens
 OX=9606 GN=GGCT PE=1 SV=1
 MANS GCKDVTGPDEESFLYFAYGSNLLTERIHLRNPSAAFFCVARLQDFKLD FGN SQGKT
 SQTWHGGIATIFQSPGDEVWGVVWKMKNKSNLNSLDEQEGVKSGMYVVIEVKVATQEGKEI
 TCRSYLMTNYESAPPSPQYKKIICMGAKENGLPLEYQEK LKAIEPNDYTGVVSEEIEDII
 KKGETQTL

>sp|P35030|TRY3_HUMAN Trypsin-3 OS=Homo sapiens OX=9606 GN=PRSS3
 PE=1 SV=2
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 DADGCEALGTVAVPFDDDDKIVGGYTCEENSLPYQVSLNSGSHFCGGS LISEQWVVSAAH
 CYKTRIQVRLGEHNIKVLEGNEQFINAAKII RHPKYNRDTLDNDIMLIKLS SPAVINARV
 STISLPTTPPAAGTECLISGWGNTLSFGADYPDELKCLDAPVLTQAECKASYPGKITNSM
 FCVGFLEGGK DSCQRDSGGPVVCNGQLQGVVSWGHGCAWKNRPGVYTKVYNYVDWIKDTI
 AANS

>sp|Q9UJ70|NAGK_HUMAN N-acetyl-D-glucosamine kinase OS=Homo sapiens
 OX=9606 GN=NAGK PE=1 SV=4
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 GVDPLVPLRSLGLSLSGGDQEDAGRILIEELRDRFPYLS ESYLITDAAGSIATATPDGG
 VVLISGTGSNCRLINPDGSESGCGGWGHMMGDEGSAYWIAHQAVKIVFDSIDNLEAAPHD
 IGYVKQAMFHYFQVPDR LGILTHLYRDFDKCRFAGFCRKIAEGAQQGDPLSRYIFRKAGE
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 SFTLMKLRHSSALGGASLGARHIGHL LPMDY SANAI AFYSYTF S

>sp|P20073|ANXA7_HUMAN Annexin A7 OS=Homo sapiens OX=9606 GN=ANXA7
 PE=1 SV=3
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 PAANFDAIRDAEILRKAMKGFGTDEQAIVDVVANRSNDQRQKIAAFKTSY GKDLIKDLK
 SELSGNMEELILALFMPPTY YDAWSLRKAMQGAGTQERV LIEILCTR TNQEIREIVRCYQ
 SEFGRDLEKDIRSDTSGHFERLLVSMCQGNRDENQSINHQMAQEDAQRLYQAGEGRLGTD
 ESCFNMILATRSFPQLRATMEAYS RMANRDLLSSVSREFSGYVESGLKTILQCALNRPAF
 FAERLYYAMKGAGTDDSTLVRI VTRSEIDL VQIKQMFAQMYQKTLGTMIAGDTSGDYRR

LLLAIVGQ

>sp|Q01518|CAP1_HUMAN Adenylyl cyclase-associated protein 1
OS=Homo sapiens OX=9606 GN=CAP1 PE=1 SV=5

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ISKEIGGDVQKHAEMVHTGLKLERALLVTASQCQQAENKLSDLLAPISEQIKEVITFRE
KNRGSKLNFHLSAVSESIQALGWVAMAPKPGPYVKEMNDAAMFYTNRVLKEYKDVDKKHV
DWVKAYLSIWTELQAYIKEFHHTGLAWSKTGPVAKELSGLPSPGPSAGSCPPPPPPPCPPPP
PVSTISCSYESASRSSLFAQINQGESITHALKHVSDDMKTHKNPALKAQSGPVRSGPKPF
SAPKPQTSPSPKRATKKEPAVLELEGKKWRVENQENVSNLVIETELKQVAYIYKCVNTT
LQIKGKINSITVDNCKKLGLVFDDVVGIVEIINSKDVKVQVMGKVPTISINKTDGCHAYL
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>sp|P02679|FIBG_HUMAN Fibrinogen gamma chain OS=Homo sapiens
OX=9606 GN=FGG PE=1 SV=3

MSWSLHPRNLILYFYALLFLSSTCVAYVATRDNCCILDERFGSYCPTTCGIADFLSTYQT
KVDKDLQSLIEDILHQVENKTSEVKQLIKAIQLTYPDESSKPNMIDAATLKSRKMLEEIM
KYEASILTHDSSIRYLQEIYNSNNQKIVNLKEKVAQLEAQCEPCKDTVQIHDITGKDCQ
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FGHLSPTGTTEFWLGNEKIHLISTQSAIPYALRVELEDWNGRTSTADYAMFKVGPEADKY
RLTYAYFAGGDAGDAFDGDFDGDPSDKFFTSHNGMQFSTWDNDNDKFEGNCAEQDGSWG
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>sp|Q8WUM4|PDC6I_HUMAN Programmed cell death 6-interacting protein
OS=Homo sapiens OX=9606 GN=PDCD6IP PE=1 SV=1

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SCVLFNCAALASQIAAEQNLDNDEGLKIAAKHYQFASGAFLHIKETVLSALSREPTVDIS
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VFPVLAAKHCIMQANA EYHQSI LAKQQKFGEIARLQHAAELIKTVASRYDEYVNVKDF
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VSVQQSLAAYNQKADLVNRSIAQMREATTLANGVLASLNLPAAI EDVSGDTPVQSILTK
SRSVIEQGGIQTVDQLIKELPELLQRNREILDESLRLLD EEEATDNDLRAKFKERWQRT
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DNFVELVANLKEGTFKYNELTEILVRFQNKCS DIVFARKTERDELLKDLQQSIAREPSAP
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>sp|P11217|PYGM_HUMAN Glycogen phosphorylase, muscle form OS=Homo
sapiens OX=9606 GN=PYGM PE=1 SV=6

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GDVDRLRRMSLVEEGAVKRINMAHLCTAGSHAVNGVARIHSEILKKTIFKDFYELEPHKF
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 KLDQRGYNAQEYYDRIPELRQVIEQLSSGFFSPKQPDLFKDIVNMLMHDRFKVFADYED
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 AI

>sp|P11940|PABP1_HUMAN Polyadenylate-binding protein 1 OS=Homo
 sapiens OX=9606 GN=PABPC1 PE=1 SV=2

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 HEDAQKAVDEMNGKELNGKQIYVGRAQKKVERQTELKRKFEQMKQDRITRYQGVNLYVKN
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 AYYPPSQIAQLRPSRWTAQGARPHPFQNMPGAIRPAAPRPPFSTMRPASSQVPRVMSTQ
 RVANTSTQTMGPRPAAAAAATPAVRTVPQYKYAAGVRNPQQHLNAQPQVTMQQPAVHVQ
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>sp|Q13310|PABP4_HUMAN Polyadenylate-binding protein 4 OS=Homo
 sapiens OX=9606 GN=PABPC4 PE=1 SV=1

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 AFGNILSCKVVCDENGSKGYAFVHFETQEADKAIEKMNGMLLNDRKVFVGRFKSRKERE
 AELGAKAKEFTNVYIKNFGEEVDDESLKELFSQFGKTL SVKVMRDPNGKSKGFGFVSYEK
 HEDANKAVEEMNGKEISGKIIFVGRAQKKVERQAELEKRFQELKQERISRYQGVNLYIKN
 LDDTIDDEKLRLKEFSFPGSITSKVMLEDGRSKGFGFVCFSSPEEATKAVTEMNGRIVGS
 KPLYVALAQRKEERKAHLTNQYMQRVAGMRALPANAILNQFQPAAGGYFVPAVPQAQGRP
 PYYTPNQLAQMRPNPRWQQGGRPQGFQGMPSAIRQSGPRPTLRHLAPTGSECPDRLAMDF
 GGAGAAQQGLTDSCQSGGVPTAVQNLAAPRAAVAAAAPRAVAPYKYASSVRSPHPAIQPLQ
 APQPAVHVQGQEPLTASMLAAAPPQEQKQMLGERLFLPIQTMHNSNLAGKITGMLEIDNS
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>sp|Q9H361|PABP3_HUMAN Polyadenylate-binding protein 3 OS=Homo
 sapiens OX=9606 GN=PABPC3 PE=1 SV=2

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 AFGNILSCNVCDENGSKGYGFVHFETHEAAERAIEKMNGMLLNDRKVFVGGQFKSRKERE
 AELGARAKEFPNVYIKNFGEDMDDERLKDLEFGKFGPALS VKVMTDESGKSKGFGFVSFER
 HEDAQKAVDEMNGKELNGKQIYVGRAQKKVERQTELKRTFEQMKQDRITRYQVVNLYVKN
 LDDGIDDERLRKAFSPFGTITSKVMMEGGRSKGFGFVCFSSPEEATKAVTEMNGRIVAT
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 QIARLRPSRWTAQGARPHPFQNKPSAIRPGAPRVPPFSTMRPASSQVPRVMSTQRVANTS
 TQTVGPRPAAAAAATPAVRTVPRYKYAAGVRNPQQRNAQPQVTMQQLAVHVQGGQETL
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>sp|Q4VXU2|PAP1L_HUMAN Polyadenylate-binding protein 1-like
OS=Homo sapiens OX=9606 GN=PABPC1L PE=2 SV=1
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AELGARALEFTNIYVKNLPVDVDEQGLQDLFSQFGKMLSVKVMRDNSGHSRCFGFVNFEK
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LDDSIDDDKLKKEFSPYGVITSKVMTEGGHSGFGFVCFSSPEEATKAVTEMNGRIVGT
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VANIGTQTTGPSGVGCCTPGRPLLPCCKSSAAHSTYRVQEPAVHIPGQEPLTASMLAAAP
LHEQKQMIGERLYPLIHDVHTQLAGKITGMLLEIDNSELMLLESPESLHAKIDEAVAVL
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>sp|Q5JQF8|PAP1M_HUMAN Polyadenylate-binding protein 1-like 2
OS=Homo sapiens OX=9606 GN=PABPC1L2B PE=2 SV=1
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ETLNFVDVIKGRPVIRIMWSQRDPSLRKSGVGNVFIKNLGKTIDNKALYNIFSAFGNILSCK
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STSADVKDDEEDTDEEATLR

>sp|O75342|LX12B_HUMAN Arachidonate 12-lipoxygenase, 12R-type
OS=Homo sapiens OX=9606 GN=ALOX12B PE=1 SV=1
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LGELIIIRLHKERYAFFPKDPWYCNYVQICAPNGRIYHFPAYQWMDGYETLALREATGKT
TADDSLPVLLHHRKEEIRAKQDFYHWRVFLPGLPSYVHIPSYPVRRHRNPNRPEWNGY
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KIFPGKKSVMSEYVAEHWAEDETFGYQYLVGNVNPGLIRRCTRIPDKFPVTDDMVAPFLGE
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LPNDFVERGVQDLPGYYRDDSLAVWNALEKYVTEIITYYYPSDAAVEGDPELQSWVQEI
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>sp|P60660|MYL6_HUMAN Myosin light polypeptide 6 OS=Homo sapiens
OX=9606 GN=MYL6 PE=1 SV=2
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>sp|P14649|MYL6B_HUMAN Myosin light chain 6B OS=Homo sapiens
OX=9606 GN=MYL6B PE=1 SV=1
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FNKDQLEEFKEAFELFDRVGDGKILYSQCGDVMRALGQNPTNAEVLKVLGNPKSDELKSR
RVDFETFLPMLQAVAKNRGQGTIYEDYLEGFRVFDKEGNGKVMGAELRHVLVTLGEKMTEE
EVETVLAGHEDSNGCINYEAFVFLKHLISV

>sp|P61978|HNRPK_HUMAN Heterogeneous nuclear ribonucleoprotein K
OS=Homo sapiens OX=9606 GN=HNRNPK PE=1 SV=1
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GGKNIKALRTDYNASVSPDSSGPERILSISADIETIGEILKKIIP TLEEGLQLPSPTAT
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 FQECCPHSTDRVVLIIGKPD RVVECIKIILDLISESPIKGRAQPYDPNFYDETYDYGFT
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 GSRARNLPLPPPPPPRGGDL MAYDRGRPGDRYDGMVGFSADETWD SAIDTWSPSEWQMA
 YEPQGGSGYDYSYAGGRGSYGD LGGP IITTQVTIPKDLAGSIIGKGGQRIKQIRHESGAS
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 >sp|P26641|EF1G_HUMAN Elongation factor 1-gamma OS=Homo sapiens
 OX=9606 GN=EEF1G PE=1 SV=3
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 MHHNKQATENAKEEVRRILGLLDAYLKTRTFLVGERVTLADITVVCTLLWLYKQVLEPSF
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 GAFQHVKGAFNQGKIFK
 >sp|P02647|APOA1_HUMAN Apolipoprotein A-I OS=Homo sapiens OX=9606
 GN=APOA1 PE=1 SV=1
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 ALGKQLNLKLLDNWDSVTSTFSKLREQ LGPVTQEFWDNLEKETEGLRQEMSKDLEEVKAK
 VQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHELQEKLSPLGEEMRDRARAHV
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 GLLPVLESFKVSFLSALEEYTKKLNTQ
 >sp|P05496|AT5G1_HUMAN ATP synthase F(0) complex subunit C1,
 mitochondrial OS=Homo sapiens OX=9606 GN=ATP5MC1 PE=1 SV=2
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 RDIDTA AKFIGAGAATVGVAGSGAGIGTVFGSLIIGYARNPSLKQQLFSYAILGFALSEA
 MGLFCLMVAFLILFAM
 >sp|Q06055|AT5G2_HUMAN ATP synthase F(0) complex subunit C2,
 mitochondrial OS=Homo sapiens OX=9606 GN=ATP5MC2 PE=1 SV=1
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 TSAISR DIDTA AKFIGAGAATVGVAGSGAGIGTVFGSLIIGYARNPSLKQQLFSYAILGF
 ALSEAMGLFCLMVAFLILFAM
 >sp|P48201|AT5G3_HUMAN ATP synthase F(0) complex subunit C3,
 mitochondrial OS=Homo sapiens OX=9606 GN=ATP5MC3 PE=1 SV=1
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 FALSEAMGLFCLMVAFLILFAM
 >sp|O00299|CLIC1_HUMAN Chloride intracellular channel protein 1
 OS=Homo sapiens OX=9606 GN=CLIC1 PE=1 SV=4
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 GGQLPFLLYGTEVHTDTNKIEEFLEAVLCPPRYPKLAALNPESNTAGLDIFAKFSAYIKN
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 K

>sp|P61626|LYSC_HUMAN Lysozyme C OS=Homo sapiens OX=9606 GN=LYZ
PE=1 SV=1
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>sp|P51149|RAB7A_HUMAN Ras-related protein Rab-7a OS=Homo sapiens
OX=9606 GN=RAB7A PE=1 SV=1
MTSRKKVLLKVIILGDSGVGKTSMLNQYVNKKFSNQYKATIGADFLTKEVMVDDRLVMTQ
IWDTAGQERFQSLGVAFYRGADCCVLVFDVTAPNTFKTLD SWRDEFLIQASPRDPENFPF
VVLGNKIDLENRQVATKRAQAWCYSKNNIPYFETSAKEAINVEQAFQTIARNALKQETEV
ELYNEFPEPIKLDKNDRAKASAESCS

>sp|P62820|RAB1A_HUMAN Ras-related protein Rab-1A OS=Homo sapiens
OX=9606 GN=RAB1A PE=1 SV=3
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KLQIWDTAGQERFRTITSSYYRGAHGIIVVYDVTDQESFNNVKQWLQEIDRYASENVNKL
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>sp|Q9H0U4|RAB1B_HUMAN Ras-related protein Rab-1B OS=Homo sapiens
OX=9606 GN=RAB1B PE=1 SV=1
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IWDTAGQERFRTITSSYYRGAHGIIVVYDVTDQESYANVKQWLQEIDRYASENVNKL
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GERPNLKIDSTPVKPAGGGCC

>sp|Q92928|RAB1C_HUMAN Putative Ras-related protein Rab-1C OS=Homo
sapiens OX=9606 GN=RAB1C PE=5 SV=2
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IWDTAGQERFWTITSSYYRGAHGFLVVDVTDQESYANVKQWLQEIDRHASENVNKL
NKSDLTTKKVVDNTTAKEFADSLGIPFLETSAKNATNVEQAFMTMAAEIKKQMGPGAASG
GERPNLKIDSTPVKPAGGGCC

>sp|Q9HCY8|S10AE_HUMAN Protein S100-A14 OS=Homo sapiens OX=9606
GN=S100A14 PE=1 SV=1
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NCGLEEKIANLGSCNDSKLEFRSFWELIGEAAKSVKLERPVRGH

>sp|P36578|RL4_HUMAN 60S ribosomal protein L4 OS=Homo sapiens
OX=9606 GN=RPL4 PE=1 SV=5
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AGHQTSAESWGTGRAVARIPRVRGGGTHRSQGAGFGNMCRGGRMFAPTCTWRRWHRRVNTTQK
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WNDI KKVYASQRM RAGKGKMRNRRRIQRRGPCIIYNEDNGIIKAFRNIPGITLLNVSK
LNILKL APGGHVGRFCIWTESAFRKLDELYGTWRKAASLKSNNLPMHKMINTDLSRILKS
PEIQR ALRAPRKKIHRRVLKKNPLKNLRIMLKLNPYAKTMRRNTILRQARNHKLRVDK
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>sp|P50395|GDIB_HUMAN Rab GDP dissociation inhibitor beta OS=Homo
sapiens OX=9606 GN=GDI2 PE=1 SV=2
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FKIPG SPPESMGRGRDWNVDLIPKFLMANGQLVKMLLYTEVTRYLDFKVTEGSFVYKGGK
IYKVP

STEAEALASSLMGLFEKRRFRKFLVYVANFDEKDPRTFEGIDPKKTTMRDVYKKFDLGQD
 VIDFTGHALALYRTDDYLDQPCYETINRIKLYSESLARYGKSPYLYPLYGLGELPQGFR
 LSAIYGGTYMLNKPIEEEIIVQNGKVIGVKSEGEIARCKQLICDPSYVKDRVEKVGQVIRV
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 >sp|P31150|GDIA_HUMAN Rab GDP dissociation inhibitor alpha OS=Homo
 sapiens OX=9606 GN=GDI1 PE=1 SV=2
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 YKRMAGTAFDFENMKRKQNDVFGEAEQ
 >sp|P23396|RS3_HUMAN 40S ribosomal protein S3 OS=Homo sapiens
 OX=9606 GN=RPS3 PE=1 SV=2
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 PTA
 >sp|Q8IW75|SPA12_HUMAN Serpin A12 OS=Homo sapiens OX=9606
 GN=SERPINA12 PE=1 SV=1
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 SV=4
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 TAVLLGSYAVQAKFGDYNKEVHKSGYLSSERLIPQRVMDQHKLTRDQWEDRIQVWHAHR
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 AERELSEQIQRALQLEEEERKRAQEEAERLEADRMAALRAKEELERQAVDQIKSQEQLAAE
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 >sp|P12081|HARS1_HUMAN Histidine--tRNA ligase, cytoplasmic
 OS=Homo sapiens OX=9606 GN=HARS1 PE=1 SV=2
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GTRDYSRQMAVREKVFVDVIRCFKRHGAEVIDTPVFELKETLMGKYGEDSKLIYDLKDQ
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GRYDGLVGMFDPKGRKVPCVGLSIGVERIFSIVEQRLEALEEKIRTTTETQVLVASAQKKL
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>sp|Q99832|TCPH_HUMAN T-complex protein 1 subunit eta OS=Homo sapiens OX=9606 GN=CCT7 PE=1 SV=2

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NVELELKAEKDNAEIRVHTVEDYQAIVDAEWNILYDKLEKIHHSYAKVVLKLPIDGVAT
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NEDIADNF EAFVWEPAMVRINALTAASEAACLIVSVDET IKNPRSTVDAPTAAGRGRGRG
RPH

>sp|O95147|DUS14_HUMAN Dual specificity protein phosphatase 14 OS=Homo sapiens OX=9606 GN=DUSP14 PE=1 SV=1

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LCIAYLMKFHNVCLEAYNWVKARRPVIRPNVGFWRQLIDYERQLFGKSTVKMVQTPYGI
VPDVYEKESRHLMPYWGI

>sp|Q99878|H2A1J_HUMAN Histone H2A type 1-J OS=Homo sapiens OX=9606 GN=H2AC14 PE=1 SV=3

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>sp|Q16777|H2A2C_HUMAN Histone H2A type 2-C OS=Homo sapiens OX=9606 GN=H2AC20 PE=1 SV=4

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>sp|Q6FI13|H2A2A_HUMAN Histone H2A type 2-A OS=Homo sapiens OX=9606 GN=H2AC19 PE=1 SV=3

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TESHHKAKGK

>sp|Q96KK5|H2A1H_HUMAN Histone H2A type 1-H OS=Homo sapiens OX=9606 GN=H2AC12 PE=1 SV=3

MSGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYAERVGAGAPVYLA AVLEYLT
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TESHHKAK

>sp|Q9BTM1|H2AJ_HUMAN Histone H2A.J OS=Homo sapiens OX=9606
GN=H2AJ PE=1 SV=1
MSGRGKQGGKVRKAKSRSSRAGLQFPVGRVHRLLRKGNYAERVGAGAPVYLAHVLEYLT
AEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKKLGKVTIAQGGVLPNIQAVLLPKK
TESQKTKSK

>sp|P0C0S8|H2A1_HUMAN Histone H2A type 1 OS=Homo sapiens OX=9606
GN=H2AC17 PE=1 SV=2
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AEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKKLGKVTIAQGGVLPNIQAVLLPKK
TESHHKAKGK

>sp|P20671|H2A1D_HUMAN Histone H2A type 1-D OS=Homo sapiens
OX=9606 GN=H2AC7 PE=1 SV=2
MSGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYSERVGAGAPVYLAHVLEYLT
AEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKKLGKVTIAQGGVLPNIQAVLLPKK
TESHHKAKGK

>sp|P16104|H2AX_HUMAN Histone H2AX OS=Homo sapiens OX=9606 GN=H2AX
PE=1 SV=2
MSGRGKTGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGHYAERVGAGAPVYLAHVLEYLT
AEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKKLGKVTIAQGGVLPNIQAVLLPKK
TSATVGPKAPSGGKKATQASQEY

>sp|Q96QV6|H2A1A_HUMAN Histone H2A type 1-A OS=Homo sapiens
OX=9606 GN=H2AC1 PE=1 SV=3
MSGRGKQGGKARAKSKSRSSRAGLQFPVGRIHRLLRKGNYAERIGAGAPVYLAHVLEYLT
AEILELAGNASRDNKKTRIIPRHLQLAIRNDEELNKKLGKVTIAQGGVLPNIQAVLLPKK
TESHHHKAQSK

>sp|Q93077|H2A1C_HUMAN Histone H2A type 1-C OS=Homo sapiens
OX=9606 GN=H2AC6 PE=1 SV=3
MSGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYAERVGAGAPVYLAHVLEYLT
AEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKKLGKVTIAQGGVLPNIQAVLLPKK
TESHHKAKGK

>sp|Q7L7L0|H2A3_HUMAN Histone H2A type 3 OS=Homo sapiens OX=9606
GN=H2AW PE=1 SV=3
MSGRGKQGGKARAKAKSRSSRAGLQFPVGRVHRLLRKGNYSERVGAGAPVYLAHVLEYLT
AEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKKLGKVTIAQGGVLPNIQAVLLPKK
TESHHKAKGK

>sp|P04908|H2A1B_HUMAN Histone H2A type 1-B/E OS=Homo sapiens
OX=9606 GN=H2AC8 PE=1 SV=2
MSGRGKQGGKARAKAKTRSSRAGLQFPVGRVHRLLRKGNYSERVGAGAPVYLAHVLEYLT
AEILELAGNAARDNKKTRIIPRHLQLAIRNDEELNKKLGKVTIAQGGVLPNIQAVLLPKK
TESHHKAKGK

>sp|P09525|ANXA4_HUMAN Annexin A4 OS=Homo sapiens OX=9606 GN=ANXA4
PE=1 SV=4
MATKGGTVKAASGFNAMEAQTLRKAMKGLGTDEDAIISVLAYRNTAQRQEIRTAYKSTI
GRDLIDDLKSELSGNFEQVIVGMMTPTVLYDVQELRRAMKGAGTDEGCLIEILASRTPEE
IRRISQTYQQQYGRSLEDDIRSDTSFMFQRVLVSLSAGGRDEGNYLDDALVRQDAQDLYE
AGEKKWGTDEVKFLTVLCNRNRNHLHVFDEYKRISQKDIEQSIKSETSGSFEDALLAIV
KCMRNKSAYFAEKLYKSMKGLGTDDNTLIRVMVSRAEIDMLDIRAHFKRLYGKSLYSFIK

GDTSGDYRKVLLVLCGGDD

>sp|P61981|1433G_HUMAN 14-3-3 protein gamma OS=Homo sapiens
OX=9606 GN=YWHAG PE=1 SV=2

MVDREQLVQKARLAEQAERYDDMAAAMKNVTELNEPLSNEERNLLSVAYKNVVGARRSSW
RVISSIEQKTSADGNEKKIEMVRAYREKIEKELEAVCQDVLSLLDNYLIKNCSETQYESK
VFYFKMKGDYYRYLAEVATGEKRATVVESSEKAYSEAHEISKEHMQPTHPIRLGLALNYS
VFYYEIQNAPEQACHLAKTAFDDAIAELDTLNEDSYKDESTLIMQLLRDNLTLWTSDQQDD
DGEGNN

>sp|Q5VT79|AXA81_HUMAN Annexin A8-like protein 1 OS=Homo sapiens
OX=9606 GN=ANXA8L1 PE=2 SV=2

MAWWKAWIEQEGVTVKSSSHFNPDPAETLYKAMKGIGTNEQAIIDVLTKRSNTQRQQIA
KSFKAQFGKDLTETLKESELGKFERLIVALMYPPYRYEAKELHDAMKGLGTKEGVIIIEIL
ASRTKNQLREIMKAYEEDYGSSLEEDIQADTSGLERILVCLLQGSRDDVSSFVDPALAL
QDAQDLYAAGEKIRGTDEMKFITILCTRSATHLLRVFEEYEKIANKSIEDSIKSETHGSL
EEAMLTVVKCTQNLHSYFAERLYYAMKGAGTRDGTILRNIVSRSEIDLNLIKCHFCKMYG
KTLSSMIMEDTSGDYKNALLSLVGSDP

>sp|P13928|ANXA8_HUMAN Annexin A8 OS=Homo sapiens OX=9606 GN=ANXA8
PE=1 SV=3

MAWWKSWIEQEGVTVKSSSHFNPDPAETLYKAMKGIGTNEQAIIDVLTKRSNTQRQQIA
KSFKAQFGKDLTETLKESELGKFERLIVALMYPPYRYEAKELHDAMKGLGTKEGVIIIEIL
ASRTKNQLREIMKAYEEDYGSSLEEDIQADTSGLERILVCLLQGSRDDVSSFVDPGLAL
QDAQDLYAAGEKIRGTDEMKFITILCTRSATHLLRVFEEYEKIANKSIEDSIKSETHGSL
EEAMLTVVKCTQNLHSYFAERLYYAMKGAGTRDGTILRNIVSRSEIDLNLIKCHFCKMYG
KTLSSMIMEDTSGDYKNALLSLVGSDP

>sp|Q3LI77|KR134_HUMAN Keratin-associated protein 13-4 OS=Homo
sapiens OX=9606 GN=KRTAP13-4 PE=1 SV=1

MSYNCCSRNFSSRSFGGYLYYPGSSPVSTALCSPSTCQLRSSLYRDCQKTCWEPAS
CQKSCYRPRTSILCCPCQTTCSGSLGFRSSSCRSQGYGSRCCYSLGNGSSGFRFLKYGGC
GFPSLSYGSRFCYPNYLASGAWQSSCYRPICGSRFYQFTC

>sp|P18206|VINC_HUMAN Vinculin OS=Homo sapiens OX=9606 GN=VCL PE=1
SV=4

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TVQTTEDQILKRDMPPAFIKVENACTKLQVAAQMLQSDPYSPVPARDYLIDGSRGILSGTS
DLLLTFDEAEVRKIIRVCKGILEYLTVAEVVETMEDLVITYTKNLGPGMTKMAKMIDERQQ
ELTHQEHVRMLVNSMNTVKELLPVLIAMKIFVTTKNSKNQGIEEALKNRNFTVEKMSAE
INEIIRVLQLTSWDEDAWASKDTEAMKRALASIDSKLNQAKGWLDRDPSASPGDAGEQAIR
QILDEAGKVGELCAGKERREILGTCKMLGQMTDQVADLRARGQGSSPVAMQKAQQVVSQGL
DVLTAKVENAARKLEAMTNSKQSIAMKIDAAQNWLADPNGGPEGEEQIRGALAEARKIAE
LCDDPKERDDILRSLGEISALTSKLADLRRQGKGDSPEARALAKQVATALQNLQTKTNRA
VANSRPAKAAVHLEGKIEQAQRWIDNPTVDDRGVGQAAIRGLVAEGHRLANVMMGPYRQD
LLAKCDRVDQLTAQLADLAARGESESPQARALASQLQDSLKDLKARMQEAMTQEVSDVFS
DTTTPIKLLAVAATAPPDAPNREEVFDERAANFENHSGKLGATAEKAAAVGTANKSTVEG
IQASVKTARELTPQVVSAAIRILLRNPGNQAAAYEHFETMKNQWIDNVEKMTGLVDEAIDTK
SLLDASEEAIKKDLCKCKVAMANIQQPQMLVAGATSIARRANRILLVAKREVENSEDPKFR
EAVKAASDELSKITISPMVMDAKAVAGNISDPGLQKSFLDSGYRILGAVAKVREAFQPPQEP
DFPPPPPDLEQLRLTDELAPPKPPLPEGEVPPPRPPPPPEEKDEEFPEQKAGEVINQPM
AARQLHDEARKWSSSKPGIPAAEVGIGVVAEADAADAAGFPVPPDMEDDYEPELLLMPSNQ

PVNQPILAAAQSLHREATKWSSKGNIIAAAKRMALLMAEMSRLVRGGSGTKRALIQCAK
 DIAKASDEVTRLAKEVAKQCTDKRIRTNLLQVCERIPTISTQLKILSTVKATMLGRTNIS
 DEESEQATEMLVHNAQNLMQSVKETVREAEAASIKIRTDAGFTLRWVRKTPWYQ
 >sp|P78371|TCPB_HUMAN T-complex protein 1 subunit beta OS=Homo sapiens OX=9606 GN=CCT2 PE=1 SV=4
 MASLSLAPVNIKFAGADEERAETARLTSTFIGAIAIGDLVKSTLGPKGMDKILLSSGRDAS
 LMVTNDGATILKNIGVDNPAKVLVDMSRVQDDEVGDGTTSTVTLAAELLREAESLIAKK
 IHPQTIIAGWREATKAAREALLSSAVDHGSDEVKFRQDLMNIAGTTLSKLLTHHKDHFT
 KLAVEAVLRLKGSGNLEAIHIIKKLGGSLADSYLDEGFLLDKKIGVNQPKRIENAKILIA
 NTGMDTDKIKIFGSRVRVDSTAKVAEIEHAEKEKMKVERILKHGINCFINRQLIYNYP
 EQLFGAAGVMAIEHADFAVERLALVTGGEIASTFDHPELVKLGSCKLIEEVMIGEDKLI
 HFSGVALGEACTIVLRGATQQILDEAERSLHDALCVLAQTVKDSRTVYGGGCSEMLMAHA
 VTQLANRTPGKEAVAMESYAKALRMLPTIIADNAGYDSADLVAQLRAAHSEGNTTAGLDM
 REGTIGDMAILGITESFQVKRQVLLSAAEAAEVILRVDNIIKAAPRKRPDPHHP
 >sp|P27348|1433T_HUMAN 14-3-3 protein theta OS=Homo sapiens OX=9606 GN=YWHAQ PE=1 SV=1
 MEKTELIQKAKLAEQAERYDDMATCMKAVTEQGAELSNEERNLLSVAYKNVVGGRSAWR
 VISSIEQKTDTSKKLQLIKDYREKVESELRSICTTVLELLDKYLIANATNPESKVFYK
 MKGDYFRYLAEVACGDDRQKTIDNSQGAYQEAFDISKEMQPTHPIRLGLALNFSVFYYE
 ILNNPELACTLAKTAFDEAIAELDTLNEDSYKDSTLIMQLLRDNLTTLWTSDSAGEECDAA
 EGAEN
 >sp|P05109|S10A8_HUMAN Protein S100-A8 OS=Homo sapiens OX=9606 GN=S100A8 PE=1 SV=1
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 NTDGAVNFQEFLLILVIKMGVAAHKKSSHEESHKE
 >sp|P09651|ROA1_HUMAN Heterogeneous nuclear ribonucleoprotein A1 OS=Homo sapiens OX=9606 GN=HNRNPA1 PE=1 SV=5
 MSKSESPKEPEQLRKLFIGGLSFETTDSELSRSHFEQWGTLTDCVVMRDPNTRSRGFGFV
 TYATVEEVDAAMNARPHKVDGRVVEPKRAVSREDSQRPGAHLTVKKIFVGGIKEDTEHH
 LRDYFEQYQKIEVIEIMTDRGSGKKRGFAFVTFDHDSVDKIVIQKYHTVNGHNCEVRKA
 LSKQEMASASSSQRRSGSGNFGGGRGGGFGGNDNFRGGNFSGRGGFGGSGGGGYGGS
 GDGYNGFGNDGGYGGGGPGYSGGSRGYGSGGQGYGNQGSYGGSGSYDSYNNGGGGGFGG
 GSGSNFGGGGSYNDFGNYYNNQSSNFGPMKGGNFGGRSSGPYGGGGQYFAKPRNQGGYGGS
 SSSSYGSGRRF
 >sp|Q32P51|RA1L2_HUMAN Heterogeneous nuclear ribonucleoprotein A1-like 2 OS=Homo sapiens OX=9606 GN=HNRNPA1L2 PE=2 SV=2
 MSKSASPKEPEQLRKLFIGGLSFETTDSELSRSHFEQWGTLTDCVVMRDPNTRSRGFGFV
 TYATVEEVDAAMNTTPHKVDGRVVEPKRAVSREDSQRPGAHLTVKKIFVGGIKEDTEHH
 LRDYFEQYQKIEVIEIMTDRGSGKKRGFAFVTFDHDSVDKIVIQKYHTVKGHNCEVRKA
 LPKQEMASASSSQRRRGSGNFGGGRGDGFGGNDNFRGGNFSGRGGFGGSCGGGGYGGS
 GDGYNGFGNDGSNFGGGGSYNDFGNYYNNQSSNFGPMKGGNFGGRSSGPYGGGGQYFAKPQ
 NQGGYGVSSSSSYGSGRRF
 >sp|P62081|RS7_HUMAN 40S ribosomal protein S7 OS=Homo sapiens OX=9606 GN=RPS7 PE=1 SV=1
 MFSSSAKIVKPNGEKPDFESGISQALLELEMNSDLKAQLRELNITAAKEIEVGGGRKAI
 IIFVPVPQLKSFQKIQVRLVRELEKKFSGKHVVFIQRRILPKPTRKSRKTKNKQKRPRSR
 TLTAVHDAILEDLVFPSEIVGKRIRVKLDGSRLIKVHLDKAQQNNVEHKVETFSGVYKKL

TGKDVNFEFPEFQL

>sp|P0DP24|CALM2_HUMAN Calmodulin-2 OS=Homo sapiens OX=9606
GN=CALM2 PE=1 SV=1
MADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVMRSLGQNPTEAELQDMINEVDADG
NGTIDFPEFLTMARKMKD TDSEEEIREAFRVFDKDGNGYISAAELRHVMTNLGEKLTDE
EVDEMIREADIDGDGQVNYEEFVQMMTAK

>sp|P0DP23|CALM1_HUMAN Calmodulin-1 OS=Homo sapiens OX=9606
GN=CALM1 PE=1 SV=1
MADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVMRSLGQNPTEAELQDMINEVDADG
NGTIDFPEFLTMARKMKD TDSEEEIREAFRVFDKDGNGYISAAELRHVMTNLGEKLTDE
EVDEMIREADIDGDGQVNYEEFVQMMTAK

>sp|P0DP25|CALM3_HUMAN Calmodulin-3 OS=Homo sapiens OX=9606
GN=CALM3 PE=1 SV=1
MADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVMRSLGQNPTEAELQDMINEVDADG
NGTIDFPEFLTMARKMKD TDSEEEIREAFRVFDKDGNGYISAAELRHVMTNLGEKLTDE
EVDEMIREADIDGDGQVNYEEFVQMMTAK

>sp|P63167|DYL1_HUMAN Dynein light chain 1, cytoplasmic OS=Homo
sapiens OX=9606 GN=DYNLL1 PE=1 SV=1
MCDRKAVIKNADMSEEMQQDSVECATQALEKYNIEKDIAAHIKKEFDKKYNPTWHCIVGR
NFGSYVTHETKHFIYFYLGQVAILLFEKSG

>sp|Q96FJ2|DYL2_HUMAN Dynein light chain 2, cytoplasmic OS=Homo
sapiens OX=9606 GN=DYNLL2 PE=1 SV=1
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NFGSYVTHETKHFIYFYLGQVAILLFEKSG

>sp|P40227|TCPZ_HUMAN T-complex protein 1 subunit zeta OS=Homo
sapiens OX=9606 GN=CCT6A PE=1 SV=3
MAAVKTLNPKAEVARAQAALAVNISAARGLQDVLRTNLGPKGTMKMLVSGAGDIKLT KDG
NVLLHEMQIQHPTASLIAKVATAQDDITGDGTTSNVLIIGELLKQADLYISEGLHPRIIT
EGFEAAKEKALQFLEE VKVSREMDRETLDVARTSLRTKVHAE LADVLT EAVVDSILA IK
KQDEPIDLFMIEIMEMKHKSETD TSLIRGLVLDHGARHPDMKKRVEDAYILTCNVSLEYE
KTEVNSGFFYKSAEEREKLVKAERKFIEDRVKKI IELKRKVC GDS SDKGFVVINQKGIDPF
SLDALSKEGIVALRRAKRRNMERLT LACGGVALNSFDDLSPDCLGHAGLVYEYTLGEEKF
TFIEKCNNPRSVTLLIKGPNKHTLTQIKDAVRDGLRAVKNAIDDGCVVPGAGAVEVAMAE
ALIKHKPSVKGRAQLGVQAFADALLIIPKVLAQNSGFDLQETLVKIQAEHSESGQLVGVD
LNTGEPMVAAEVGVWDNYCVKKQLLHSCTVIATNILLVDEIMRAGMSSLKG

>sp|O95833|CLIC3_HUMAN Chloride intracellular channel protein 3
OS=Homo sapiens OX=9606 GN=CLIC3 PE=1 SV=2
MAETKLQLFVKASEDGESVGHCPSCQRLFMVLLLKGVPFTLT TTDTRRSPDVLKDFAPGS
QLPILLYDSDAKTDTLQIEDFLEETLGPPDFPSLAPRYRESNTAGNDVFHKFSAFIKNPV
PAQDEALYQQLLRALARLDSYLRAPLEHELAGEPQLRESRRRFLDGDRLTLADCSLLPKL
HIVDTVCAHFRQAPIPAELRGVRRYLD SAMQEKEFKYTCPHSAEILAAAYRPAVHPR

>sp|P60953|CDC42_HUMAN Cell division control protein 42 homolog
OS=Homo sapiens OX=9606 GN=CDC42 PE=1 SV=2
MQTIKCVVVG DGAVGKTCLLISYTTNKFPSEYVPTVFDNYAVTVMIGGEPYTLGLFD TAG
QEDYDRLRPLSY PQTDVFLVCF SVSPSSFENVKEKWVPEITHHCPKTPFLLVGTQIDLR
DDPSTIEKLAKNKQKPITPETA EKLARDLKAVKYVECSALTQKGLKNVFDEAILAALEPP
EPKKSRRCVLL

>sp|P06744|G6PI_HUMAN Glucose-6-phosphate isomerase OS=Homo sapiens OX=9606 GN=GPI PE=1 SV=4
MAALTRDPQFQKLQQWYREHRSELNLRRLFDANKDRFNHFSLTNTNHGHILVDYSKNLV
TEDVMRMLVDLAKSRGVEAARERMFNGEKINYTEGRAVLHVALRNRSTPILVDGKDVMF
EVNKVLDKMKSFQQRVRSQDWKGYTGKTITDVINIGIGGSDLGPLMVTEALKPYSGGPR
VWYVSNIDGTHIAKTLAQLNPESLFIASKTFTTQETITNAETAKEWFLQAAKDPSAVA
KHFVALSTNTTKVKEFGIDPQNMFEFWDWVGGRYSLWSAIGLSIALHVGFDFNEQLLSGA
HWMDQHFRTPLEKNAPVLLALLGIWYINCFGCETHAMLPYDQYLHRFAAYFQQGDMESN
GKYITKSGTRVDHQTGPIVWGEPTNGQHAFYQLIHQGTKMIPCDFLIPVQTQHPKIRKGL
HHKILLANFLAQTEALMRGKSTEEARKELQAAGKSPEDLERLLPHKVFEGNRPTNSIVFT
KLTPFMLGALVAMYEHKIFVQGIWDINSFDQWGVELGKQLAKKIEPELDGSAQVTSHDA
STNGLINFIKQQREARVQ

>sp|Q5T750|XP32_HUMAN Skin-specific protein 32 OS=Homo sapiens OX=9606 GN=XP32 PE=1 SV=1
MCDQQKQPQFPSCVKGSGLGAGQGSNGASVKCPVPCQTQTVCVTGPAPCPTQTYVKYQV
PCQTQTYVKCPAPCQRTYVKYPTPCQTYVKCPAPCQTTYVKCPTPCQTYVKCPAPCQMTY
IKSPAPCQTQTCYVQGASPCQSYVQAPASGSTSQYCVTDPCSAPCSTSYCCCLAPRTFGV
SPLRRWIQRPQNCNTGSSGCCENSGSSGCCGSGGCGCSCGCGSSGCCCLGIIPMRSGPA
CCDHEDDCCC

>sp|P61163|ACTZ_HUMAN Alpha-centractin OS=Homo sapiens OX=9606 GN=ACTR1A PE=1 SV=1
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KAEHRGLLSIRYPMEHGIVKDWNDMERIWQYVYSKDQLQTFSEEHPVLLTEAPLNPRKN
RERAAEVFFETFNVPALFISMQAVLSLYATGRTTGVLDSGDGVTHAVPIYEGFAMPHSI
MRIDIAGRDVSRFLRLYLRLKEGYDFHSSSEFEIVKAIKERACYLSINPQKDETELEKAQ
YYLPDGSTIEIGPSRFRAPPELLFRPDLIGEESGIEHVLVFAIQSDMDLRRTLFSNIVL
SGGSTLFGFGDRLLSEVKKLAPKDVKIRISAPQERLYSTWIGGSILASLDTFKKMWVSK
KEYEEDGARSIRHRTF

>sp|P42025|ACTY_HUMAN Beta-centractin OS=Homo sapiens OX=9606 GN=ACTR1B PE=1 SV=1
MESYDIIANQPVIDNGSGVIKAGFAGDQIPKYCFPNYVGRPKHMRVMAGALEGDLFIGP
KAEHRGLLTIIRYPMEHGVVRDWDNDMERIWQYVYSKDQLQTFSEEHPVLLTEAPLNPSKN
REKAAEVFFETFNVPALFISMQAVLSLYATGRTTGVLDSGDGVTHAVPIYEGFAMPHSI
MRVDIAGRDVSRYLRLLLRKEGVDFHTSAEFEVVRTIKERACYLSINPQKDEALETEKVQ
YTLPDGSTLDVGPARFRAPELLFQPDLVGDESEGLHEVVAFAIHKSDMDLRRTLFSNIVL
SGGSTLFGFGDRLLSEVKKLAPKDIKIKISAPQERLYSTWIGGSILASLDTFKKMWVSK
KEYEEDGSRARIHRTF

>sp|P07384|CAN1_HUMAN Calpain-1 catalytic subunit OS=Homo sapiens OX=9606 GN=CAPN1 PE=1 SV=1
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FPPVPQSLGYKDLGPNSSKTYGIKWKRPTELLSNPQFIVDGATRDTICQGALGDCWLLAA
IASLTLLNDTLLHRVVPHGQSFQNGYAGIFHFQLWQFGEWVDVVDLLPIKDGKLVFVHS
AEGNEFWSALLEKAYAKVNGSYEALSGGSTSEGFEDFTGGVTEWYELRKAPSDLYQIILK
ALERGSLLGCSIDISSVLDMEAITFKKLKVGHAYSVTGAKQVNYRGQVVSILMRNPWGE
VEWTGAWSDDSSSEWNNVDPYERDQLRVKMEDGEFWMSEFRDFMREFTRLEICNLTPDALKS
RTIRKWNNTLYEGTWRRGSTAGGCRNYPATFWVNPQFKIRLDETDDPDDYGDRESGCSFV
LALMQKHRRRRERRFRDMETIGFAVYEVPPPELVGQPAVHLKRDFFLANASRRARSEQFINL

REVSTRFRLPPGEYVVVPSTFEPNKEGDFVLRFFSEKSAGTVELDDQIQANLPDEQVLSE
 EEIDENFKALFRQLAGEDMEISVKELRRTILNRIISKHKDLRTKGFSLESCRSMVNLMDRD
 GNGKLGLVEFNILWNRIRNYLSIFRKFDLDKSGSMSAYEMRMAIESAGFKLNKKLYELII
 TRYSEPDLAVDFDNFVCCLVRLLETMFRRFFKTLDTDLGCVTFDLFKWLQLTMFA
 >sp|P06576|ATPB_HUMAN ATP synthase subunit beta, mitochondrial
 OS=Homo sapiens OX=9606 GN=ATP5F1B PE=1 SV=3
 MLGFVGRVAAAPASGALRRLTPSASLPPAQLLLRAAPTAVHPVRDYAAQTSPSPKAGAAT
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 RGQKVLDSGAPIKIPVGPETLGRIMNVIGEPIDERGPIKTKQFAPIHAEAPEFMEEMSVEQ
 EILVTGIKVVDLLAPYAKGGKIGLFGGAGVGKTVLIMELINNVAKAHGGYSVFAGVGERT
 REGNDLYHEMIESGVINLKDATSKVALVYGQMNEPPGARARVALTGLTVAEYFRDQEGQD
 VLLFIDNIFRFTQAGSEVSALLGRIPSAVGYYQPTLATDMGMTMQRITTTTKKSITSVQAI
 YVPADDLTDPAPATTFAHLDATTVLSRAIAELGIYPAVDPLDSTSRIMDPNIVGSEHYDV
 ARGVQKILQDYKSLQDIIAILGMDDELSEEDKLTVSRARKIQRFLSQPFQVAEVFTGHMGK
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 >sp|P23490|LORI_HUMAN Loricrin OS=Homo sapiens OX=9606 GN=LORICRIN
 PE=1 SV=2
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 SSGGGSGCFSSGGGGSSGGGSGCFSSGGGGFSGQAVQCQSYGGVSSGGSSGGGSGCFSSG
 GGGGSVCYSGGGSGCGGGSSGGSGSGYVSSQQVTQTSCAPQPSYGGGSSGGGGSGGSGC
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 >sp|P62244|RS15A_HUMAN 40S ribosomal protein S15a OS=Homo sapiens
 OX=9606 GN=RPS15A PE=1 SV=2
 MVRMNVLADALKSINNAEKRGKRQVLIRPCSKVIVRFLTVMMKHGYIGEFEIIDDHRAGK
 IVVNLTGRLNKCGLVISPRFDVQLKDLEKWQNNLLPSRQFGFIVLTTSAGIMDHEEARRKH
 TGGKILGFFF
 >sp|P30101|PDIA3_HUMAN Protein disulfide-isomerase A3 OS=Homo
 sapiens OX=9606 GN=PDIA3 PE=1 SV=4
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 KRLAPEYEAAATRLKGIVPLAKVDCTANTNTCNKYGVSGYPTLKIIFRDGEEAGAYDGPRT
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 >sp|O76014|KRT37_HUMAN Keratin, type I cuticular Ha7 OS=Homo
 sapiens OX=9606 GN=KRT37 PE=1 SV=3
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 >sp|Q9BYR0|KRA47_HUMAN Keratin-associated protein 4-7 OS=Homo
 sapiens OX=9606 GN=KRTAP4-7 PE=1 SV=2
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 >sp|Q9BYQ5|KRA46_HUMAN Keratin-associated protein 4-6 OS=Homo
 sapiens OX=9606 GN=KRTAP4-6 PE=2 SV=4
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>sp|Q9BQ66|KR412_HUMAN Keratin-associated protein 4-12 OS=Homo sapiens OX=9606 GN=KRTAP4-12 PE=1 SV=1
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>sp|Q9BYR2|KRA45_HUMAN Keratin-associated protein 4-5 OS=Homo sapiens OX=9606 GN=KRTAP4-5 PE=1 SV=4
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C

>sp|P26038|MOES_HUMAN Moesin OS=Homo sapiens OX=9606 GN=MSN PE=1 SV=3
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>sp|Q6ZVX7|FBX50_HUMAN F-box only protein 50 OS=Homo sapiens OX=9606 GN=NCCRP1 PE=1 SV=1
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>sp|P07814|SYEP_HUMAN Bifunctional glutamate/proline--tRNA ligase OS=Homo sapiens OX=9606 GN=EPRS1 PE=1 SV=5
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SRSVVNMEWDKIWAFNKKVIDPVAPRYVALLKKEVIPVNVPEAQEEMKEVAKHPKNPEVG
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FVSQSALEKEKTHVADFAPEVAVWTRSGKTELAEP IAIRPTSETVMYPAYAKWVQSHRDL
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AVRRDTGEKLTVAENEAETKLQAILEDIQVTLFTRASEDLKTHMVVANTMEDFQKILDSG
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>sp|Q15181|IPYR_HUMAN Inorganic pyrophosphatase OS=Homo sapiens
OX=9606 GN=PPA1 PE=1 SV=2

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>sp|P61106|RAB14_HUMAN Ras-related protein Rab-14 OS=Homo sapiens
OX=9606 GN=RAB14 PE=1 SV=4

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>sp|Q99456|K1C12_HUMAN Keratin, type I cytoskeletal 12 OS=Homo
sapiens OX=9606 GN=KRT12 PE=1 SV=1

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>sp|P60900|PSA6_HUMAN Proteasome subunit alpha type-6 OS=Homo
sapiens OX=9606 GN=PSMA6 PE=1 SV=1

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>sp|P15880|RS2_HUMAN 40S ribosomal protein S2 OS=Homo sapiens
OX=9606 GN=RPS2 PE=1 SV=2
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>sp|Q9BYR8|KRA31_HUMAN Keratin-associated protein 3-1 OS=Homo sapiens
OX=9606 GN=KRTAP3-1 PE=1 SV=1
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>sp|P34932|HSP74_HUMAN Heat shock 70 kDa protein 4 OS=Homo sapiens
OX=9606 GN=HSPA4 PE=1 SV=4
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>sp|Q9UI42|CPA4_HUMAN Carboxypeptidase A4 OS=Homo sapiens OX=9606
GN=CPA4 PE=1 SV=2
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GAYHSLEAIYHEMDNIAADFPDLARRVKIGHSFENRPMYVLKFSTGKGVRRAVWLNAGI
HSREWISQATAIWTARKIVSDYQRDPAITSILEKMDIFLLPVANPDGYVYTQTQNRLWRK
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Y

>sp|P62241|RS8_HUMAN 40S ribosomal protein S8 OS=Homo sapiens
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>sp|P31151|S10A7_HUMAN Protein S100-A7 OS=Homo sapiens OX=9606
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>sp|Q86SG5|S1A7A_HUMAN Protein S100-A7A OS=Homo sapiens OX=9606
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>sp|O14818|PSA7_HUMAN Proteasome subunit alpha type-7 OS=Homo
sapiens OX=9606 GN=PSMA7 PE=1 SV=1
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>sp|Q8TAA3|PSMA8_HUMAN Proteasome subunit alpha-type 8 OS=Homo
sapiens OX=9606 GN=PSMA8 PE=2 SV=3
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>sp|P60981|DEST_HUMAN Destrin OS=Homo sapiens OX=9606 GN=DSTN PE=1
SV=3
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>sp|P20339|RAB5A_HUMAN Ras-related protein Rab-5A OS=Homo sapiens
OX=9606 GN=RAB5A PE=1 SV=2
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TVCLDDTTVKFEIWDTAGQERYHSLAPMYRGAQAIVVDITNEESFARAKNWVKELQR
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>sp|Q07020|RL18_HUMAN 60S ribosomal protein L18 OS=Homo sapiens
OX=9606 GN=RPL18 PE=1 SV=2
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LSLSRMIRKMKLPGRENTAVVVGITITDDVRVQEVPKLKVCALRVTSRARSRLRAGGKI
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>sp|Q16610|ECM1_HUMAN Extracellular matrix protein 1 OS=Homo
sapiens OX=9606 GN=ECM1 PE=1 SV=2
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>sp|P59998|ARPC4_HUMAN Actin-related protein 2/3 complex subunit 4 OS=Homo sapiens OX=9606 GN=ARPC4 PE=1 SV=3
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>sp|P61247|RS3A_HUMAN 40S ribosomal protein S3a OS=Homo sapiens
OX=9606 GN=RPS3A PE=1 SV=2
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GLKGRVFEVSLADLQNDQVAFRKFKLITQVQGNCLTNFQGMQLTRDKMCSMVKKWQTM
IEAHVDVKTDDGYLLRLFCVGFQTKRNNQIRKTSYAQHQVVRQIRKKMMEIMTREVQTN
LKEVVNKLIPDSIGKDIEKACQSIYPLHDFVVRKVKMLKKPKFELGKLMELHGEQSSSGK
ATGDETGAQVERADGYEPPVQESV

>sp|P0DOY3|IGLC3_HUMAN Immunoglobulin lambda constant 3 OS=Homo
sapiens OX=9606 GN=IGLC3 PE=1 SV=1
GQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAGVETTTPSK
QSNNKYAASSYLSLTPEQWKSHKSYSCQVTHEGSTVEKTVAPTECS

>sp|P0DOY2|IGLC2_HUMAN Immunoglobulin lambda constant 2 OS=Homo
sapiens OX=9606 GN=IGLC2 PE=1 SV=1
GQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAGVETTTPSK
QSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

>sp|P0CF74|IGLC6_HUMAN Immunoglobulin lambda constant 6 OS=Homo
sapiens OX=9606 GN=IGLC6 PE=1 SV=1
GQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVKVAWKADGSPVNTGVETTTPSK
QSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPAECS

>sp|P0DOX8|IGL1_HUMAN Immunoglobulin lambda-1 light chain OS=Homo
sapiens OX=9606 PE=1 SV=1
QSALTQPPSASGSLGQSVTISCTGTSSDVGGYNYVSWYQQHAGKAPKVIIYEVNKRPSGV
PDRFSGSKSGNTASLTVSGLQAEDEADYCYSSYEGSDNFVFGTGTKVTVLGQPKANPTVT
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YLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

>sp|B9A064|IGLL5_HUMAN Immunoglobulin lambda-like polypeptide 5
OS=Homo sapiens OX=9606 GN=IGLL5 PE=2 SV=2
MRPKTGQVGCETPEELGPGPRQRWPLLLLGLAMVAHGLLRPMVAPQSGDPDPGASVGSSR
SSLRSLWGRLLLQPSQPRADPRCWPRGFQWSEPQSLCYVFGTGTKVTVLGQPKANPTVT
PPSSEELQANKATLVCLISDFYPGAVTVAWKADGSPVKAGVETTKPSKQSNNKYAASSYL
SLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

>sp|A0M8Q6|IGLC7_HUMAN Immunoglobulin lambda constant 7 OS=Homo
sapiens OX=9606 GN=IGLC7 PE=1 SV=3
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>sp|P0CG04|IGLC1_HUMAN Immunoglobulin lambda constant 1 OS=Homo
sapiens OX=9606 GN=IGLC1 PE=1 SV=1
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QSNNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS

>sp|P01037|CYTN_HUMAN Cystatin-SN OS=Homo sapiens OX=9606 GN=CST1
PE=1 SV=3
MAQYLSTLLLLLATLAVALAWSPKEEDRIIPGGIYNADLNDEWVQRALHFAISEYNKATK

DDYYRRPLRLVLARQQTVGGVNYFFDVEVGRITICTKSQPNLDTCAFHEQPELQKKQLCSF
EIYEV PWENRRSLVKSRCQES

>sp|P12236|ADT3_HUMAN ADP/ATP translocase 3 OS=Homo sapiens
OX=9606 GN=SLC25A6 PE=1 SV=4
MTEQAISFAKDFLAGGIAAAISKTA VAPIERVKLLLQVQHASKQIAADKQYKGIVDCIVR
IPKEQGVLSFWRGNLANVIRYFPTQALNFAFKDKYKQIFLGGVDKHTQFWRYFAGNLASG
GAAGATSLCFVYPLDFARTRLAADV GKS GTEREF RGLGDCLVKITKSDGIRGLYQGFSVS
VQGI I IYRAAYFGVYDTAKGMLPDPKNTHIVVSWMIAQTVTAVAGVVSYPFDTVRRRMMM
QSGRKGADIMYTGTVD CWRKIFRDEGGKAFFKGAWSNVLRGMGGA FVLVLYDELKKVI

>sp|P12235|ADT1_HUMAN ADP/ATP translocase 1 OS=Homo sapiens
OX=9606 GN=SLC25A4 PE=1 SV=4
MGDHAWSFLKDFLAGGVAAAVSKTA VAPIERVKLLLQVQHASKQISAEKQYKGIIDCVVR
IPKEQGFLSFWRGNLANVIRYFPTQALNFAFKDKYKQLFLGGVDRHKQFWRYFAGNLASG
GAAGATSLCFVYPLDFARTRLAADV GKGAAQREFHGLGDCI I KIFKSDGLRGLYQGFNVS
VQGI I IYRAAYFGVYDTAKGMLPDPKNVHIFVSWMIAQSVTAVAGLVSYPFDTVRRRMMM
QSGRKGADIMYTGTVD CWRKIAKDEGAKAFFKGAWSNVLRGMGGA FVLVLYDEIKKYV

>sp|P07741|APT_HUMAN Adenine phosphoribosyltransferase OS=Homo
sapiens OX=9606 GN=APRT PE=1 SV=2
MADSELQLVEQRIRSFDPDFTPGVVFRDISPVLKDPASFRAAIGLLARHLKATHGGRIDY
IAGLDSRGFLFGPSLAQELGLGCVLIRKRGLPGPTLWASYSLEYGKAELEIQKDALEPG
QRVVVVDDLLATGGTMNAACELLGRLQAEVLECVSLVELTSLKGREKLAPVPFFSLLQYE

>sp|O43175|SERA_HUMAN D-3-phosphoglycerate dehydrogenase OS=Homo
sapiens OX=9606 GN=PHGDH PE=1 SV=4
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ADVINA AEKLQVVGRAGTGVDNVDLEAATRKGILVMNTPNGNSLSAAELTCGMIMCLARQ
IPQATASMKGDKWERKKFMGT ELNGKTLGILGLGRIGREVATRMQSFGMKTIGYDPIISP
EVSASFGVQQLPLEEIWPLCDFITVHTPLLPSTTGLLNDNTFAQCKKGVRV VNCARGGIV
DEGALLRALQSGQCAGAA LDVFTEEP PRDRALVDHENVISCPHLGASTKEAQSRCGEEIA
VQFVDMVKGKSLTGVVNAQALTS AFSPHTKPWIGLAEALGTL MRAWAGSPKGTIQVITQG
TSLKNAGNCLSPAVIVGLLKEASKQADVN LVNAKLLVKEAGLNVTTSHSPAAPGEQGFG
CLLAVALAGAPYQAVGLVQGTTPVLQGLNGAVFRPEVPLRRDLPLLLFRTQTSDPAMLPT
MIGLLAEAGVRLLSYQTS LVSDGETWHVMGISSLLPSLEAWKQHVTEAFQFHF

>sp|P11279|LAMP1_HUMAN Lysosome-associated membrane glycoprotein
1 OS=Homo sapiens OX=9606 GN=LAMP1 PE=1 SV=3
MAAPGSARRPLLLLLLLLLLLLLGLMH CASAAMFMVKNNGTACIMANFSAAFSVNYDTKSGP
KNMTFDLP SDATVVLNRSSCGKENTS DPSLVIAFGRGHTLT LNFTRNATRYSVQLMSFVY
NLSDTHLFPNASSKEIKTVESITDIRADIDKKYRCVSGTQVHMNNVTVTLHDATI QAYLS
NSSFSRGETRCEQDRPSPTTAPPAPPSPSPSPVPKSPSVDKYNVSGTNGTCLLASMGLQL
NLTYERKDNTTVTRLLNINPNKTSASGSCGAHLV TLELHSEGT TVLLFQFGMNASSSRFF
LQGIQLNTILPDARDPAFKAANGSLRALQATVGNSYKCNAAEEHVRVTKAFSVNIFKVWVQ
AFKVEGGQFGSVEECLLDENSMLIPIAVGGALAGLV LIVLIAYL VGRKRSHAGYQTI

>sp|P21281|VATB2_HUMAN V-type proton ATPase subunit B, brain
isoform OS=Homo sapiens OX=9606 GN=ATP6V1B2 PE=1 SV=3
MALRAMRGIVNGAAPELPVPTGGPAVGAREQALAVSRNYLSQPRLTYKTVSGVNGPLVIL
DHVKFPRYAEIVHLTL PDGTKRSGQVLEVSGSKAVVQVFEGTSGIDAKKTSCEFTGDILR
TPVSEDM LGRVFNGSGKPIDRGPVLAEDFLDIMGQPINPQCRIYPEEMIQTGISAIDGM
NSIARGQKIPISAAGLPHNEIAAQICRQAGLVKKS KDVVDYSEENFAIVFAAMGVNMET

ARFFKSDFEENGSMDNVCLFLNLANDPTIERIITPRLALTAEFLAYQCEKHVLVILTDM
SSYAEALREVSAAREEVPGRRGFPGYMYTDLATYERAGRVEGRNGSITQIPILTMPND
ITHPIPDLTGYITEGQIYVDRQLHNRQIYPPINVLPSLSRLMKSAGGEMTRKDHADVSN
QLYACYAIGKDVQAMKAVVGEEALTSDDLLEFLQKFERNFIAQGOPYENRTVFETLDIG
WQLLRIFPKEMLKRIPOSTLSEFYPRDSAKH

>sp|P15313|VATB1_HUMAN V-type proton ATPase subunit B, kidney
isoform OS=Homo sapiens OX=9606 GN=ATP6V1B1 PE=1 SV=3
MAMEIDSRPGGLPGSSCNLGAAREHMQAVTRNYITHPRVTYRTVCSVNGPLVVLDRVKFA
QYAEIVHFTLPDGTQRSQVLEVAGTKAIVQVFEGTSGIDARKTTCEFTGDILRTPVSED
MLGRVFNNGSGKPIDKGPVMAEDFLDINGQPINPHSRIYPEEMIQTGISPIDVMNSIARG
QKIPIFSAAGLPHNEIAAQICRQAGLVKKS KAVLDYHDDNFAIVFAAMGVNMETARFFKS
DFEQNGTMGNVCLFLNLANDPTIERIITPRLALTAEFLAYQCEKHVLVILTDMSSYAEA
LREVSAAREEVPGRRGFPGYMYTDLATYERAGRVEGRNGSITQIPILTMPND DITHPI
DLTGFIITEGQIYVDRQLHNRQIYPPINVLPSLSRLMKSAGGEMTRKDHGDVSNQLYACY
AIGKDVQAMKAVVGEEALTSDDLLEFLQKFERNFINQGPYENRSVFEESLDLWKLLRI
FPKEMLKRIPOAVIDEFYSREGALQDLAPDTAL

>sp|P26639|SYTC_HUMAN Threonine--tRNA ligase 1, cytoplasmic
OS=Homo sapiens OX=9606 GN=TARS1 PE=1 SV=3
MFEEKASSPSGKMGGEKPIGAGEEKQKEGGKKKNKEGSGDGGAELNPWPEYIYTRLEM
YNILKAEHDSILA EKA EKDSKPIKVTLPDQKQVDAESWKTPYQIACGISQGLADNTVIA
KVNNVWDLDRPLEEDCTLELLKFEEDEEAQAVYWHSSAHIMGEAMERVYGGCLCYGPPIE
NGFYIDMYLEEGGVSSNDFSSLEALCKKIIKEKQAFERLEVKKETLLAMFKYNKFKCRIL
NEKVNTPTTTTVYRCGPLIDLRCRGPVHRHTGKIKALKIHKNSSTYWEGKADMETLQRIYGI
SFPDPKMLKEWEKFQEEAKNRDHRKIGRDQELYFFHELSPGSCFFLPKGAYIYNALIEFI
RSEYRKRGRFQEVVTPNIFNSRLWMTSGHWQHYSENMFSEFEVEKELFALKPMNCPGHCLMF
DHRPRSWRELPLRLADFGVLHRNELSGALTGLTRVRRFQQDDAHIFCAMEQIEDEIKGCL
DFLRTVYSVFGFSFKLNLSTRPEKFLGDI EVWDQAEKQLENSLNEFGKEKWEI NSGDGAFY
GPKIDIQIKDAIGRYHQCATIQLDQFQPIRFNLTIVSHDGDGDKRPVIVHRAILGSVERM
IAILTENYGGKWPFWLSPRQVMVVPVGPTCDEYAQKVRQQFHDQAKFMADIDLDPGCTLNK
KIRNAQLAQYNFILVVGEEKEKISGTVNIRTRDNKVHGERTISETIERLQQLKEFRSKQAE
EEF

>sp|P22392|NDKB_HUMAN Nucleoside diphosphate kinase B OS=Homo
sapiens OX=9606 GN=NME2 PE=1 SV=1
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FPGLVKYMNSGPVAMVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGS
DSVKSAAEKEISLWFKPEELVDYKSCAHDWVYE

>sp|O60361|NDK8_HUMAN Putative nucleoside diphosphate kinase
OS=Homo sapiens OX=9606 GN=NME2P1 PE=5 SV=1
MQCGLVGKIIKRFEQKGFRVLVAMKFLPASEEHLKQHYIDLKDRPFFPGLVKYMNSGPVVA
MVWEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVKSAAEKEISLRFK
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>sp|P30050|RL12_HUMAN 60S ribosomal protein L12 OS=Homo sapiens
OX=9606 GN=RPL12 PE=1 SV=1
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KLTIQNRQAQIEVVPASALIIKALKEPPRDRKKQKNIKHSGNITFDEIVNIARQMRHRS
LARELSGTIKEILGTAQSVGCNVDGRHPHDIIDDINS GAVECPAS

>sp|P61158|ARP3_HUMAN Actin-related protein 3 OS=Homo sapiens
OX=9606 GN=ACTR3 PE=1 SV=3
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FIGDEAIEKPTYATKWPIRHGIVEDWDLMERFMEQVIFKYLRAEPEDHYFLLTEPPLNTP
ENREYTAEIMFESFNVPGLYIAVQAVLALAASWTSRQVGERTLTGTVIDSGDGVTHVIPV
AEGYVIGSCIKHIPIAGRDITYFIIQQLLRDREVGIPPEQSLETAKAVKERYSYVCPDLVK
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DEVIQNCPIDVRRPLYKNIVLSGGSTMFRDFGRRLQORDLKRTVDARLKLSEELSGGRLKP
KPIDVQVITHMQRYAVWFGGSMLASTPEFYQVCHTKKDYEEIGPSICRHNPFVFGVMS

>sp|Q9P1U1|ARP3B_HUMAN Actin-related protein 3B OS=Homo sapiens
OX=9606 GN=ACTR3B PE=2 SV=1
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FIGDEAIDKPTYATKWPIRHGIIEDWDLMERFMEQVVFYKYLRAEPEDHYFLMTEPPLNTP
ENREYLAEIMFESFNVPGLYIAVQAVLALAASWTSRQVGERTLTGIVIDSGDGVTHVIPV
AEGYVIGSCIKHIPIAGRDITYFIIQQLLREREVGIPPEQSLETAKAIKEKYCYICPDIVK
EFAKYDVPDKWIKQYTGINAINQKKFVIDVGYERFLGPEIFFHPEFANPDFMESISDVV
DEVIQNCPIDVRRPLYKNVLSGGSTMFRDFGRRLQORDLKRVVDARLRLSEELSGGRIKP
KPVEVQVVTHMQRYAVWFGGSMLASTPEFFQVCHTKKDYEEYGPSICRHNPFVFGVMS

>sp|Q9C0K3|ARP3C_HUMAN Actin-related protein 3C OS=Homo sapiens
OX=9606 GN=ACTR3C PE=2 SV=1
MFESFNVPGLYIAVQAVLALAASWTSRQVGERTLTGIVIDSGDGVTHVIPVAEGYVIGSC
IKHIPIAGRDITYFIIQQLLREREVGIPPEQSLETAKAIKEKYCYICPDIVKEFAKYDVDP
QKWIKQYTGINAINQKKFVIDVGYERFLGPEIFFHPEFANPDSMESISDVVDEVIQNCPID
VRRPLYKMEQIPLSYPPQGHGFHPLSPPFH

>sp|P01024|CO3_HUMAN Complement C3 OS=Homo sapiens OX=9606 GN=C3
PE=1 SV=2
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DFPGKKLVLSSEKTVLTPATNHMGNVFTTIPANREFKSEKGRNKFVTVQATFGTQVVEKV
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SSQNQLGVLPLSWDIPELVNMGQWKIRAYYENSPQQVFSTEFVKEYVLPSEFVIVEPTE
KFYYIYNEKGLEVTITARFLYGKKVEGTAFVIFGIQDGEQRISLPESLKRIPIEDGSGEV
VLSRKVLLDGQNPRAEDLVGKSLYVSATVILHSGSDMVQAERSGIPVITSPYQIHFTKT
PKYFKPGMPFDLMVFVTNPDGSPAYRVPVAVQGEDTVQSLTQGDGVAKLSINTHPSQKPL
SITVRTKKQELSEAEQATRMTQALPYSTVGNSNNYLHLSVLRTELRLPGETLNVNFLLRMD
RAHEAKIRYYTYLIMNKGRLKAGRQVREPGQDLVVLPLSITTDIFIPSFRLVAYYTLIGA
SGQREVVADSVMVDVKDSCVGSVVKSGQSEDRQVPVPGQQMTLKIEGDHGARVVLVAVDK
GVFVLNKKNKLTQSKIWDVVEKADIGCTPGSGKDYAGVFS DAGLTFTSSSGQQT AQRAEL
QCPQPAARRRRSVQLTEKRMKVGKYPKELRKCCEDGMRENPMRFSCQRRTRFISLGEAC
KKVFLDCCNYITELRRQHARASHLGLARSNLDEDIIAEENIVSRSEFPESWLWNVEDLKE
PPKNGISTKLMNIFLKDSITTWEILAVSMSDDKKGICVADPFEVTVMQDFFIDLRLPYSVV
RNEQVEIRAVLYNYRQNQELKVRVELLHNPAFCSLATTKRRHQQTVTIPPKSSLSVPYVI
VPLKTGLQEVEVKAAYVHHFISDGVRSKLVVPEGIRMNKTAVVRTLDPERLREGVQKE
DIPPADLSDQVPDTESETRILLQGTVPVQMTEDAVDAERLKLHIVTPSGCGEQNMIGMTP
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YVVKVFS LAVNLIAIDSQVLCGAVKWLILEKQKPDGVFQEDAPVIHQEMIGGLRNNEKD
MALTAFLVLISLQEAKDICEEQVNSLPGSITKAGDFLEANYMNLQRSYTVAIAGYALAQMG
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YYGGGYGSTQATFMVFQALAQYQKDAPDHQELNLDVSLQLPSRSSKITHRIHWESASLLR
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 RNTLIIYLDKVSHEDDCLAFKVHQYFNVELIQPGAVKVYAYYNLEESCTRFYHPEKEDG
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 >sp|P28070|PSB4_HUMAN Proteasome subunit beta type-4 OS=Homo
 sapiens OX=9606 GN=PSMB4 PE=1 SV=4
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 >sp|O00204|ST2B1_HUMAN Sulfotransferase 2B1 OS=Homo sapiens
 OX=9606 GN=SULT2B1 PE=1 SV=2
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 KGEVQFGSWFDHIKGWLRMKGKDNFLFITYEELQDDLQGSVERICGFLGRPLGKEALGSV
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 HPRPS
 >sp|O95865|DDAH2_HUMAN N(G),N(G)-dimethylarginine
 dimethylaminohydrolase 2 OS=Homo sapiens OX=9606 GN=DDAH2 PE=1
 SV=1
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 PRTVVAGSSDAAQKAVRAMAVLTDHPYASLTLPDDAAADCLFLRPGLPGVPPFLLHRGGG
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 >sp|P62826|RAN_HUMAN GTP-binding nuclear protein Ran OS=Homo
 sapiens OX=9606 GN=RAN PE=1 SV=3
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 >sp|P07195|LDHB_HUMAN L-lactate dehydrogenase B chain OS=Homo
 sapiens OX=9606 GN=LDHB PE=1 SV=2
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 GEMMDLQHGSFLQTPKIVADKDYSVTANSKIVVVTAGVRQQEGESRLNLVQRNVNVFKF
 IIPQIVKYSPDCIIIVVSNPVDILTYYTWKLSGLPKHRVIGSGCNLDSARFRYLMAEKL
 IHPSSCHGWILGEHGDSSVAVWSGVNVAGVSLQELNPEMGTDNDS ENWKEVHKMVVESAY
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 LTSVINQKLKDDEVAQLKKSADTLWDIQDLKDL
 >sp|P62701|RS4X_HUMAN 40S ribosomal protein S4, X isoform OS=Homo
 sapiens OX=9606 GN=RPS4X PE=1 SV=2

MARGPKKHLKRVAAPKHWMLDKLTGVFAPRPSTGPHKLRECLPLIIFLRNRLKYALTGDE
VKKICMQRFIKIDGKVRDITYPAGFMDVISIDKTGENFRLIYDTKGRFAVHRITPEEAK
YKLCKVRKIFVGTGKIPHLVTHDARTIRYPDPLIKVNDTIQIDLETGKITDFIKFDTGNL
CMVTGGANLGRIGVITNRERHPGSFDVVHVKDANGNSFATRLSNIFVIGKGNKPWISLPR
GKGIRLTIAEERDKRLAAKQSSG

>sp|Q8TD47|RS4Y2_HUMAN 40S ribosomal protein S4, Y isoform 2
OS=Homo sapiens OX=9606 GN=RPS4Y2 PE=2 SV=3

MARGPKKHLKRVAAPKHWMLDKLTGVFAPRPSTGPHKLRECLPLIVFLRNRLKYALTGDE
VKKICMQHFLLKIDGKVRVDITYPAGFIDVISIEKTGEHFRLVYNTKGCFAVHRITVEEAK
YKLCKVRKITVGTGKIPHLVTHDARTIRYPDPLIKVNDTVQIDLGTGKITSFIKFDTGTV
CMVIAGANLGRVGVITNRERHPGSCDVHVHVKDANGNSFATRISNIFVIGNGNKPWISLPR
GKGIRLTIAEERDKRLAAKQSSG

>sp|P22090|RS4Y1_HUMAN 40S ribosomal protein S4, Y isoform 1
OS=Homo sapiens OX=9606 GN=RPS4Y1 PE=1 SV=2

MARGPKKHLKRVAAPKHWMLDKLTGVFAPRPSTGPHKLRECLPLIVFLRNRLKYALTGDE
VKKICMQRFIKIDGKVRVDITYPAGFMDVISIEKTGEHFRLVYDTKGRFAVHRITVEEAK
YKLCKVRKITVGTGKIPHLVTHDARTIRYPDPVIKVNNTVQIDLGTGKIINFIFKFDTGTV
CMVIGGANLGRVGVITNRERHPGSFDVVHVHVKDANGNSFATRLSNIFVIGNGNKPWISLPR
GKGIRLTVAEERDKRLATKQSSG

>sp|Q8N1K5|THMS1_HUMAN Protein THEMIS OS=Homo sapiens OX=9606
GN=THEMIS PE=1 SV=3

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KDIKLENLIIKQGEQIMLNSVEEIDGEMVSCAVARNHQTHSFNLPLSQEGEFYECEDER
IYTLKEIVEWKIPKNRTRTVNLTDFSNKWDSTNPFPKDFYGTLLILKPVYEQIGVMKFRKD
IIRILPSLDVEVKDITDSYDANWFLQLLSTEDLFEMTSKEFPVTEVIEAPEGNHLPQSI
LQPGKTIVIHKKYQASRILASEIRSNFPKRHFLIPTSYKGKFKRRPREFPTAYDLEIAKS
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>sp|Q96G03|PGM2_HUMAN Phosphopentomutase OS=Homo sapiens OX=9606
GN=PGM2 PE=1 SV=4

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>sp|Q8N3Y7|RDHE2_HUMAN Epidermal retinol dehydrogenase 2 OS=Homo
sapiens OX=9606 GN=SDR16C5 PE=1 SV=2

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>sp|P61160|ARP2_HUMAN Actin-related protein 2 OS=Homo sapiens
 OX=9606 GN=ACTR2 PE=1 SV=1

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>sp|P51674|GPM6A_HUMAN Neuronal membrane glycoprotein M6-a OS=Homo
 sapiens OX=9606 GN=GPM6A PE=1 SV=2

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>sp|P41250|GARS_HUMAN Glycine--tRNA ligase OS=Homo sapiens OX=9606
 GN=GARS1 PE=1 SV=3

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>sp|P48643|TCPE_HUMAN T-complex protein 1 subunit epsilon OS=Homo
 sapiens OX=9606 GN=CCT5 PE=1 SV=1

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 sapiens OX=9606 GN=KRTAP1-1 PE=1 SV=1
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>sp|Q9BYR6|KRA33_HUMAN Keratin-associated protein 3-3 OS=Homo sapiens OX=9606 GN=KRTAP3-3 PE=1 SV=1
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>sp|P68871|HBB_HUMAN Hemoglobin subunit beta OS=Homo sapiens OX=9606 GN=HBB PE=1 SV=2
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>sp|P46777|RL5_HUMAN 60S ribosomal protein L5 OS=Homo sapiens OX=9606 GN=RPL5 PE=1 SV=3
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ICQIAYARIEGDMIVCAAYAHLPKYGVKVGLTNYAAAYCTGLLLARRLLNRFGMDKIYE
GQVEVTGDEYNVESIDGQPGAFTCYLDAGLARTTTGNKVFGALKGAVDGGLSIPHSTKRF
PGYDESSEKFNAAEVHRKHIMQNVADYMRYLMEDEDEAYKKQFSQYIKNSVTPDMMEEMY
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>sp|P02788|TRFL_HUMAN Lactotransferrin OS=Homo sapiens OX=9606 GN=LTF PE=1 SV=6
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PIQCIQAIENRADAVTLDGGFIYEAGLAPYKLRPVAAEVYGTERTPRTHYYAVAVVKKG
GSFQLNELQGLKSCHTGLRRTAGWNVPIGTLPFLNWTGPPEPIEAAVARFFSASCVPGA
DKGQFPNLCRLCAGTGENKCAFSSQEPYFSYSGAFKCLRDGAGDVAFIRESTVFEDLSDE
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KSPKFQLFGSPSGQKDLLFKDSAIGFSRVPPRIDSGLYLGSGYFTAIQNLRKSEEEVAAR
RARVWCAVGEQELRKCNQWSGLSEGSVTCSSASTTEDCIALVLKGEADAMSLDGGYVYT
AGKCGLVPVLAENYKSQQSSDPDPNCVDRPVEGYLAVAVVRRSDTSLTWNSVKGKKSCHT
AVDRTAGWNI PMGLLFNQTGSCKFDEYFSQSCAPGSDPRSNLCALCIGDEQGENKCV PNS
NERYYGYTGAFRCLAENAGDVAFVKDVTVLQNTDGNNNEAWAKDLKLADFALLCLDGKRK
PVTEARSCHLAMAPNHAVVSRMDKVERLKQVLLHQQAKFGRNGSDCPDKFCLFQSETKNL
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>sp|Q8IUC1|KR11_HUMAN Keratin-associated protein 11-1 OS=Homo sapiens OX=9606 GN=KRTAP11-1 PE=1 SV=1
MSFNCSTRNCSSRPIGGRCIVPVAQVTTTSTTDADCLGGICLPSSFQTGSWLLDHCQETC
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CQPVGGISTVCQPVGGVSTVCQPACGVSRTYQQSCVSSCRRTC

>sp|P31943|HNRH1_HUMAN Heterogeneous nuclear ribonucleoprotein H OS=Homo sapiens OX=9606 GN=HNRNPH1 PE=1 SV=4
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GCSKEEIVQFFSGLEIVPNGITLPVDFQGRSTGEAFVQFASQEIAEKALKKKHKERIGHRY
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GGYDDYNGYNDGYGFGSDRFGRDLNYCFSGMSDHRYGDGGSTFQSTTGHCVMRGLPYRA
TENDIYNFFSPLNPVRVHIEIGPDGRVTGEADVEFATHEDAVAAMSKDKANMQHRYVELF
LNSTAGASGGAYEHRYVELFLNSTAGASGGAYGSQMMGMGLSNQSSYGGPASQQLSGGY
GGGYGGQSSMSGYDQVLQENS SDFQSNIA

>sp|P55795|HNRH2_HUMAN Heterogeneous nuclear ribonucleoprotein H2 OS=Homo sapiens OX=9606 GN=HNRNPH2 PE=1 SV=1

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GCSKEEIVQFFSGLEIVPNGMTLPVDFQGRSTGEAFVQFASQEIAEKALKKKHKERIGHRY
IEIFKSSRAEVRTHYDPPRKLMAMQRPQPYDRPGAGRGYNSIGRGAGFERMRRGAYGGGY
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TENDIYNFFSPLNPMRVHIEIGPDGRVTGEADVEFATHEDAVAAMAKDKANMQHRYVELF
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GGGYGGQSSMSGYDQVLQENSDDYQSNLA
>sp|P84085|ARF5_HUMAN ADP-ribosylation factor 5 OS=Homo sapiens
OX=9606 GN=ARF5 PE=1 SV=2
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ICFTVWDVGGQDKIRPLWRHYFQNTQGLIFVVDSDNRERVQESADELQKMLQEDELRLDAV
LLVFANKQDMPNAMPVSELTDKLGHLRSLRSTWYVQATCATQGTGLYDGLDWLSHELKSKR
>sp|P61204|ARF3_HUMAN ADP-ribosylation factor 3 OS=Homo sapiens
OX=9606 GN=ARF3 PE=1 SV=2
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>sp|P84077|ARF1_HUMAN ADP-ribosylation factor 1 OS=Homo sapiens
OX=9606 GN=ARF1 PE=1 SV=2
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>sp|P18085|ARF4_HUMAN ADP-ribosylation factor 4 OS=Homo sapiens
OX=9606 GN=ARF4 PE=1 SV=3
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sapiens OX=9606 GN=G6PD PE=1 SV=4
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NNVVLGQYVGNPDGEGEATKGYLDDPTVPRGSTTATFAAVVLYVENERWDGVPFILRCGK
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PYIYGSRGPTAEDEL MKRVGFQYEGTYKWVNP HKL
>sp|P40925|MDHC_HUMAN Malate dehydrogenase, cytoplasmic OS=Homo
sapiens OX=9606 GN=MDH1 PE=1 SV=4
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VIIWGNHSSTQYPDVNHAKVKLQKG EGVYEALKDDSWLKGEFVTTVQQRGA AVIKARKL

SSAMSAAKAICDHVRDIWFGTPEGEFVSMGVISDGNSYGVPPDLLYSFPVVIKNKTWKFV
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>sp|P01009|A1AT_HUMAN Alpha-1-antitrypsin OS=Homo sapiens OX=9606
GN=SERPINA1 PE=1 SV=3
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ENEDRRSASLHLPKLSITGTYDLKSVLGQLGITKVFVSNAGDLSGVTEEAPLKLSKAVHKA
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OX=9606 GN=RPL3 PE=1 SV=2
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>sp|P04080|CYTB_HUMAN Cystatin-B OS=Homo sapiens OX=9606 GN=CSTB
PE=1 SV=2
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DEDFVHLRVFQSLPHENKPLTSLNYQTNKAKHDELTIF
>sp|Q9BYR7|KRA32_HUMAN Keratin-associated protein 3-2 OS=Homo
sapiens OX=9606 GN=KRTAP3-2 PE=1 SV=1
MDCCASRSCSVPTGPATTICSSDKSCRCGVCLPSTCPHTVWLLEPICCDNCPPPCHIPQP
CVPTCFLNNSCQPTPGLETNLTTFTQPCCEPCLPRGC
>sp|O60506|HNRPQ_HUMAN Heterogeneous nuclear ribonucleoprotein Q
OS=Homo sapiens OX=9606 GN=SYNCRIP PE=1 SV=2
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>sp|O43390|HNRPR_HUMAN Heterogeneous nuclear ribonucleoprotein R
OS=Homo sapiens OX=9606 GN=HNRNPR PE=1 SV=1
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>sp|Q14974|IMB1_HUMAN Importin subunit beta-1 OS=Homo sapiens
OX=9606 GN=KPNB1 PE=1 SV=2
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>sp|P50990|TCPQ_HUMAN T-complex protein 1 subunit theta OS=Homo
sapiens OX=9606 GN=CCT8 PE=1 SV=4
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DWDDDQND
>sp|P62263|RS14_HUMAN 40S ribosomal protein S14 OS=Homo sapiens
OX=9606 GN=RPS14 PE=1 SV=3
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>sp|P01619|KV320_HUMAN Immunoglobulin kappa variable 3-20 OS=Homo
sapiens OX=9606 GN=IGKV3-20 PE=1 SV=2
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>sp|P50452|SPB8_HUMAN Serpin B8 OS=Homo sapiens OX=9606
GN=SERPINB8 PE=1 SV=2

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>sp|P60903|S10AA_HUMAN Protein S100-A10 OS=Homo sapiens OX=9606
GN=S100A10 PE=1 SV=2
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PE=1 SV=3
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5 PE=1 SV=3
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PKDIQLARRIRGERA
>sp|P05091|ALDH2_HUMAN Aldehyde dehydrogenase, mitochondrial
OS=Homo sapiens OX=9606 GN=ALDH2 PE=1 SV=2
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>sp|P13693|TCTP_HUMAN Translationally-controlled tumor protein
OS=Homo sapiens OX=9606 GN=TPT1 PE=1 SV=1
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>sp|Q56UQ5|TPT1L_HUMAN TPT1-like protein OS=Homo sapiens OX=9606
PE=2 SV=2
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>sp|P00738|HPT_HUMAN Haptoglobin OS=Homo sapiens OX=9606 GN=HP
PE=1 SV=1
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>sp|P00739|HPTR_HUMAN Haptoglobin-related protein OS=Homo sapiens
OX=9606 GN=HPR PE=2 SV=2
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HPNYHQVDIGLIKQKQVLVNERVMPICLPSKNYAEVGRVGYVSGWGQSDNFKLTDHLKY
VMLPVADQYDCITHYEGSTCPKWKAPKSPVGVQPILNEHTFCVGMISKYQEDTCYGDAGSA
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>sp|Q9NZH6|IL37_HUMAN Interleukin-37 OS=Homo sapiens OX=9606
GN=IL37 PE=1 SV=1
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>sp|O75608|LYPA1_HUMAN Acyl-protein thioesterase 1 OS=Homo sapiens
OX=9606 GN=LYPLA1 PE=1 SV=1
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GGALSPLYTALTQQKLAGVTALSCWLPLRASFPQGPIGGANRDISILQCHGDCDPLVPLM
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>sp|P37837|TALDO_HUMAN Transaldolase OS=Homo sapiens OX=9606
GN=TALDO1 PE=1 SV=2
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LVEEAIAYGRKLGSQEDQIKNAIDKLFVLFGAIEILKKIPGRVSTEVDARLSFDKAMVA
RARRLIELYKEAGISKDRILIKLSSTWEGIQAGKELEEQHGIHCNMTLLFSFAQAVACAE
AGVTLISPFVGRILDWHVANTDKKSYEPLEDPGVKSVTIKIYNYKKFSYKTIVMGASFRN
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DQMAVEKLSDGIRKFAADAVKLERMLTERMFNAENGK

>sp|P53621|COPA_HUMAN Coatomer subunit alpha OS=Homo sapiens
OX=9606 GN=COPA PE=1 SV=2

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KQQPLFVSGGDDYKIKVWNYKLRRCLFTLLGHLDYIRTTFHHEYPWILSASDDQTIRVW
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VRGITGVDLFGTTDAVVKHVLEGHDRGVNWAAFHPTMPLIVSGADDRQVKIWRMNESKAW
EVDTCRGHYNNVSCAVFHPRQELILSNSEDKSIRVWDMSKRTGVQTFRRDHDRFWVLAH
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FIYTTSNHIKYAVTTGDHGIIRTLDLPIYVTRVKGNNVYCLDRECRPRVLTIDPTEFKFK
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KIAEIRKDMSGHYQNALYLGDVSEVRILKNCGQKSLAYLTAATHGLDEEAESLKETFDP
EKETIPDIDPNAKLLQPPAPIMPLDTNWPLLTVSKGFFEGTIASKGKGALAADIDIDTV
GTEGWGEDAELQLDEDDGFVEATEGLGDALGKGQEEGGGWDEEDLELPPELDIPGAAG
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QTYARGRTTYQALPCLPSMYGYPNRNWKDAGLKNGVPAVGLKLNLDLIQRLQLCYQLTTVG
KFEEAVEKFRSILLSVPLLVDNKQEIIEAQQLITICREYIVGLSVETERKKLPKETLEQ
QKRICEMAAAYFTHSNLQPVHMILVLRALTALNLFFKLKNFKTAATFARRLLELGPKPEVAQQ
TRKILSACEKNPTDAYQLNYDMHNPFDICAASYRPIYRGKPVEKCPLSGACYSPEFKGQI
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>sp|P62249|RS16_HUMAN 40S ribosomal protein S16 OS=Homo sapiens
OX=9606 GN=RPS16 PE=1 SV=2

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VADPRRCESKKFGGPGARARYQKSYR

>sp|E9PAV3|NACAM_HUMAN Nascent polypeptide-associated complex
subunit alpha, muscle-specific form OS=Homo sapiens OX=9606
GN=NACA PE=1 SV=1

MPGEATETVPATEQELPQPQAETAVLPMSSALSVTAALGQPGPTLPPPCSPAPQQCPLSA
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GAPFSPAQAGLTTKKDPTVLPLVQAAPKNPSFQSTSSSPEIPLSPEATLAKKSLGEPLP
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TTAKGTSTYTTTASPFLEGTVSLAPKNHPVKEGTLTTLPLVPTASENCPVAPSPQNTCAP
LATLVLAPEIPKSVSPSPSLPPAGTPPGTKKVDGISHTSALAPVASSPKCEPTEDSGASAT
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 >sp|Q13765|NACA_HUMAN Nascent polypeptide-associated complex
 subunit alpha OS=Homo sapiens OX=9606 GN=NACA PE=1 SV=1
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 >sp|Q92874|DNSL2_HUMAN Deoxyribonuclease-1-like 2 OS=Homo sapiens
 OX=9606 GN=DNASE1L2 PE=1 SV=1
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 OX=9606 GN=RPL30 PE=1 SV=2
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 OX=9606 GN=RPL13 PE=1 SV=4
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 SLRMARANARLFGIRAKRAKEAAEQDVEKKK
 >sp|Q96DA0|ZG16B_HUMAN Zymogen granule protein 16 homolog B
 OS=Homo sapiens OX=9606 GN=ZG16B PE=1 SV=3
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 GKVFSTTEDYDHEITGLRVSVGLLLVKSQVKLGDSWDVKLGALGGNTQEVTLQPGEYIT
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FEWNYPLEEPTTEPPVNLTYSANSPVGR

>sp|Q9ULZ3|ASC_HUMAN Apoptosis-associated speck-like protein
containing a CARD OS=Homo sapiens OX=9606 GN=PYCARD PE=1 SV=2
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ALIARVTNVEWLLDALYGKVLTDQYQAVRAEPTNPSKMRKLFSFTPANNWTCKDLLLQA
LRESQSYLVEDLERS

>sp|P52565|GDIR1_HUMAN Rho GDP-dissociation inhibitor 1 OS=Homo
sapiens OX=9606 GN=ARHGDI1 PE=1 SV=3
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VSADPNVPNVVVVTGLTLVCSSAPGPLELDLTGDLESFVKQSFVLKEGVEYRIKISFRVNR
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>sp|Q9Y2T3|GUAD_HUMAN Guanine deaminase OS=Homo sapiens OX=9606
GN=GDA PE=1 SV=1
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>sp|Q14247|SRC8_HUMAN Src substrate cortactin OS=Homo sapiens
OX=9606 GN=CTTN PE=1 SV=2
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DYSKGFGGKYGVQKDRMDKNASTFEDVTQVSSAYQKTVPEAVTSKTSNIRANFENLAKE
KEQEDRRKAEAEARAQRMAREQEAEARRKLEEQARAKTQTPPVSPAPQPTTEERLPSSPV
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FPANYVELRQ

>sp|P15531|NDKA_HUMAN Nucleoside diphosphate kinase A OS=Homo
sapiens OX=9606 GN=NME1 PE=1 SV=1
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>sp|Q6ZMR3|LDH6A_HUMAN L-lactate dehydrogenase A-like 6A OS=Homo
sapiens OX=9606 GN=LDHAL6A PE=1 SV=1
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HSESCHGLILGEHGDSSVPVWSGVNIAGVPLKDLNPDIGTDKDPQWENVHKKVISSGYE
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TDLIKVKLTLEEEACLQKSAETLWEIQKELKL
 >sp|P50914|RL14_HUMAN 60S ribosomal protein L14 OS=Homo sapiens
 OX=9606 GN=RPL14 PE=1 SV=4
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 >sp|Q9NQ38|ISK5_HUMAN Serine protease inhibitor Kazal-type 5
 OS=Homo sapiens OX=9606 GN=SPINK5 PE=1 SV=2
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 RSNDKEDLCREFRSMQRNGKLICTRENTPVRGPYGMHINKCAMCQSIFDREANERKKKD
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 >sp|P13637|AT1A3_HUMAN Sodium/potassium-transporting ATPase
 subunit alpha-3 OS=Homo sapiens OX=9606 GN=ATP1A3 PE=1 SV=3
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 EGTARGVVVATGDRVTMGRIATLASGLEVGKTPIAIEIEHFIQLITGVAVFLGVSFILS
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 SIHETEDPNDNRYLLVMKGAPERILDRCTILLQKEQPLDEEMKEAFQONAYLELGGGLGE
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 RKVVEFTCHTAFFVSIVVQWADLIICKTRNSVFQQGMKNKILIFGLFEETALAAFLSY
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>sp|P13798|ACPH_HUMAN Acylamino-acid-releasing enzyme OS=Homo sapiens OX=9606 GN=APEH PE=1 SV=4

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PQVKTPLLLMLGQEDRRVPFKQGMEYYRALKTRNVPVRLLLYPKSTHALSEVEVESDSFM
NAVLWLRTHLGS

>sp|P52209|6PGD_HUMAN 6-phosphogluconate dehydrogenase,
decarboxylating OS=Homo sapiens OX=9606 GN=PGD PE=1 SV=3

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PCFTTALSFYDGYRHEMLPASLIQAQRDYFGAHTYELLAKPGQFIHTNWTGHGGTVSSSS
YNA

>sp|P05783|K1C18_HUMAN Keratin, type I cytoskeletal 18 OS=Homo sapiens OX=9606 GN=KRT18 PE=1 SV=2

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>sp|Q9NQC3|RTN4_HUMAN Reticulon-4 OS=Homo sapiens OX=9606 GN=RTN4
PE=1 SV=2

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 >sp|P28066|PSA5_HUMAN Proteasome subunit alpha type-5 OS=Homo
 sapiens OX=9606 GN=PSMA5 PE=1 SV=3
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 >sp|P47755|CAZA2_HUMAN F-actin-capping protein subunit alpha-2
 OS=Homo sapiens OX=9606 GN=CAPZA2 PE=1 SV=3
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 >sp|Q15019|SEPT2_HUMAN Septin-2 OS=Homo sapiens OX=9606 GN=SEPTIN2
 PE=1 SV=1
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 V

>sp|P08123|COL1A2_HUMAN Collagen alpha-2(I) chain OS=Homo sapiens
OX=9606 GN=COL1A2 PE=1 SV=7

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>sp|Q9NZD2|GLTP_HUMAN Glycolipid transfer protein OS=Homo sapiens
OX=9606 GN=GLTP PE=1 SV=3

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>sp|P63151|2ABA_HUMAN Serine/threonine-protein phosphatase 2A 55
kDa regulatory subunit B alpha isoform OS=Homo sapiens OX=9606
GN=PPP2R2A PE=1 SV=1

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>sp|P62829|RL23_HUMAN 60S ribosomal protein L23 OS=Homo sapiens
OX=9606 GN=RPL23 PE=1 SV=1

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>sp|P62269|RS18_HUMAN 40S ribosomal protein S18 OS=Homo sapiens
OX=9606 GN=RPS18 PE=1 SV=3
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>sp|Q9H299|SH3L3_HUMAN SH3 domain-binding glutamic acid-rich-like
protein 3 OS=Homo sapiens OX=9606 GN=SH3BGRL3 PE=1 SV=1
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>sp|Q9GZP4|PITH1_HUMAN PITH domain-containing protein 1 OS=Homo
sapiens OX=9606 GN=PITHD1 PE=1 SV=1
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>sp|Q13561|DCTN2_HUMAN Dynactin subunit 2 OS=Homo sapiens OX=9606
GN=DCTN2 PE=1 SV=4
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>sp|Q9BQ50|TREX2_HUMAN Three prime repair exonuclease 2 OS=Homo
sapiens OX=9606 GN=TREX2 PE=1 SV=2
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>sp|P10619|PPGB_HUMAN Lysosomal protective protein OS=Homo sapiens
OX=9606 GN=CTSA PE=1 SV=2
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>sp|Q6ZRV2|FA83H_HUMAN Protein FAM83H OS=Homo sapiens OX=9606
GN=FAM83H PE=1 SV=3
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 >sp|P53634|CATC_HUMAN Dipeptidyl peptidase 1 OS=Homo sapiens
 OX=9606 GN=CTSC PE=1 SV=2
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 >sp|O75367|H2AY_HUMAN Core histone macro-H2A.1 OS=Homo sapiens
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PE=1 SV=2
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PE=2 SV=4
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>sp|P62913|RL11_HUMAN 60S ribosomal protein L11 OS=Homo sapiens
OX=9606 GN=RPL11 PE=1 SV=2
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>sp|Q9BYS1|KRA15_HUMAN Keratin-associated protein 1-5 OS=Homo
sapiens OX=9606 GN=KRTAP1-5 PE=1 SV=1
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OX=9606 GN=BTF3 PE=1 SV=1
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>sp|P25788|PSA3_HUMAN Proteasome subunit alpha type-3 OS=Homo
sapiens OX=9606 GN=PSMA3 PE=1 SV=2
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>sp|Q9UQ80|PA2G4_HUMAN Proliferation-associated protein 2G4
OS=Homo sapiens OX=9606 GN=PA2G4 PE=1 SV=3

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>sp|Q14152|EIF3A_HUMAN Eukaryotic translation initiation factor 3
subunit A OS=Homo sapiens OX=9606 GN=EIF3A PE=1 SV=1

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>sp|P50993|AT1A2_HUMAN Sodium/potassium-transporting ATPase
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 >sp|O15145|ARPC3_HUMAN Actin-related protein 2/3 complex subunit
 3 OS=Homo sapiens OX=9606 GN=ARPC3 PE=1 SV=3
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 ANKQEDEVMRAYLQQLRQETGLRLCEKVFDQNDKPSKWWTCFVKRQFMNKSLSGPGQ
 >sp|O95197|RTN3_HUMAN Reticulon-3 OS=Homo sapiens OX=9606 GN=RTN3
 PE=1 SV=2
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 EKPITTENPKLPSTVSPNVFNETEFSLNVTTSAYLES LHGKNVKHIDDSSPEDLIAAFTE
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 DFSVHDLIFWRDVKKTGFVFGTTLIMLLSLAAFSVISVSYLILALLSVTISFRIYKSVI
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 OX=9606 GN=RPS10 PE=1 SV=1
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 QFAWRHFYWYLTNEGIQYLRDYLHLPPEIVPATLR SRPETGRPRPKGLEGERPARLTRG
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 >sp|Q9UHG3|PCYOX_HUMAN Prenylcysteine oxidase 1 OS=Homo sapiens
 OX=9606 GN=PCYOX1 PE=1 SV=3
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 PIDKFGLNTVLT DNDLFIN SIGIVPSVREKEDPEPSTDGTYVWKIFSQETLTKAQILK
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 AYHRWNGHTDMIDQDGLYEKLKTEL
 >sp|P63220|RS21_HUMAN 40S ribosomal protein S21 OS=Homo sapiens
 OX=9606 GN=RPS21 PE=1 SV=1
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>sp|P35268|RL22_HUMAN 60S ribosomal protein L22 OS=Homo sapiens
OX=9606 GN=RPL22 PE=1 SV=2
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VTIERSKSKITVTSEVPFSKRYLKYLTKKYLKKNLRLDWLRVVANSKESYELRYFQINQD
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>sp|P43307|SSRA_HUMAN Translocon-associated protein subunit alpha
OS=Homo sapiens OX=9606 GN=SSR1 PE=1 SV=3
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>sp|P01036|CYTS_HUMAN Cystatin-S OS=Homo sapiens OX=9606 GN=CST4
PE=1 SV=3
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>sp|P50991|TCPD_HUMAN T-complex protein 1 subunit delta OS=Homo
sapiens OX=9606 GN=CCT4 PE=1 SV=4
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>sp|P59666|DEF3_HUMAN Neutrophil defensin 3 OS=Homo sapiens
OX=9606 GN=DEFA3 PE=1 SV=1
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>sp|P59665|DEF1_HUMAN Neutrophil defensin 1 OS=Homo sapiens
OX=9606 GN=DEFA1B PE=1 SV=1
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>sp|P35998|PRS7_HUMAN 26S proteasome regulatory subunit 7 OS=Homo
sapiens OX=9606 GN=PSMC2 PE=1 SV=3
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>sp|P47756|CAPZB_HUMAN F-actin-capping protein subunit beta
OS=Homo sapiens OX=9606 GN=CAPZB PE=1 SV=4
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>sp|P15374|UCHL3_HUMAN Ubiquitin carboxyl-terminal hydrolase
isozyme L3 OS=Homo sapiens OX=9606 GN=UCHL3 PE=1 SV=1
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KFLEESVSMSPPEARARYLENYDAIRVTHETSAHEGQTEAPSIDEKVVDLHFIALVHVDGHL
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>sp|Q9H2S5|RNF39_HUMAN RING finger protein 39 OS=Homo sapiens
OX=9606 GN=RNF39 PE=1 SV=2
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>sp|Q6P4A8|PLBL1_HUMAN Phospholipase B-like 1 OS=Homo sapiens
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>sp|Q9ULV4|COR1C_HUMAN Coronin-1C OS=Homo sapiens OX=9606
GN=COR01C PE=1 SV=1
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>sp|P61020|RAB5B_HUMAN Ras-related protein Rab-5B OS=Homo sapiens
OX=9606 GN=RAB5B PE=1 SV=1
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 >sp|P62857|RS28_HUMAN 40S ribosomal protein S28 OS=Homo sapiens
 OX=9606 GN=RPS28 PE=1 SV=1
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 SEREARRLR
 >sp|O43548|TGM5_HUMAN Protein-glutamine gamma-glutamyltransferase
 5 OS=Homo sapiens OX=9606 GN=TGM5 PE=1 SV=4
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 >sp|P0C0L5|C4B_HUMAN Complement C4-B OS=Homo sapiens OX=9606
 GN=C4B_2 PE=1 SV=2
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>sp|P0C0L4|CO4A_HUMAN Complement C4-A OS=Homo sapiens OX=9606
GN=C4A PE=1 SV=2

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GCQV

>sp|P11169|GTR3_HUMAN Solute carrier family 2, facilitated glucose
transporter member 3 OS=Homo sapiens OX=9606 GN=SLC2A3 PE=1 SV=1
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>sp|Q8TDB8|GTR14_HUMAN Solute carrier family 2, facilitated glucose transporter member 14 OS=Homo sapiens OX=9606 GN=SLC2A14 PE=2 SV=1

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 VNLLAATGGCLMGLCKIAESVEMLILGRLVIGLFCGLCTGFVPMYIGEISPTALRGAFGT
 LNQLGIVIGILVAQIFGLELILGSEELWPVLLGFTILPAILQSAALPCCPESPRFLLINR
 KKEENATRILQRLWGTQDVSQDIQEMKDESARMSQEKQVTVLELFRVSSYRQPIIISIVL
 QLSQQLSGINAVFYYSTGIFKDAGVQQPIYATISAGVVNTIFTLLSLFLVERAGRRTLHM
 IGLGGMAFCSTLMTVSLLLKNHYNGMSFVCIGAILVFVACFEIGPGPIPWFIWAELFSQG
 PRPAAMAVAGCSNWTSNFLVGLLFPSAAYYLGAYVFIIFTGFLITFLAFTFFKVPETRGRTFEDITRAFEGQAHGADRSGKDGVMGMNSIEPAKETTTNV

>sp|Q8WWI5|CTL1_HUMAN Choline transporter-like protein 1 OS=Homo sapiens OX=9606 GN=SLC44A1 PE=1 SV=1

MGCCSSASSAAQSSKREWKPLEDRSCTDIPWLLLFILFCIGMGFICGFSIATGAAARLVS
 GYDSYGNICGQKNTKLEAIPNSGMDHTQRKYVFFLDPCNLDLINRKIKSVALCVAACPRQ
 ELKTLSDVQKFAEINGSALCSYNLKPSEYTTSPKSSVLCPKLPVPASAPIPFFHRCAPVN
 ISCYAKFAEALITFVSDNSVLHRLISGVMTSKEIILGLCLLSLVLSMILMVIIRYISRVL
 VWILTILVILGSLGGTGVLWWLYAKQRRSPKETVTPEQLQIAEDNLRALLIYAI SATVFT
 VILFLIMLVMRKRVALTIALFHVAGKVFIHLPLLVFQPFWTFFALVLFWVYWIMTLLFLG
 TTGSPVQNEQGFVEFKISGPLQYMWWYHVVGLIWISSEFILACQQMTVAGAVVTTYFTRDK
 RNLFPFTPILASVNRILIRYHLGTVAKGSFIITLVKIPRMILMYIHSQKKGKENACARCVLK
 SCICCLWCLEKCLNYLNQAYTATAINSTNFCTSAKDAFVILVENALRVATINTVGD FML
 FLGKVLIVCSTGLAGIMLLNYQQDYTVWVLPLIIVCLFAFLVAHCFLSIYEMVVDVLFCL
 FAIDTKYNDGSPGREFYMDKVLMEFVENS RKAMKEAGKGGVADSRELKPMASGASSA

>sp|P0C0S5|H2AZ_HUMAN Histone H2A.Z OS=Homo sapiens OX=9606 GN=H2AZ1 PE=1 SV=2

MAGGKAGKDSGKAKTKAVSRSQRAGLQFPVGRIHRHLKSRTTSHGRVGATAAVYSAAILE
 YLTAEVLELAGNASKDLKVKRITPRHLQLAIRGDEELDSL KATIAGGGVIPHIHKS LIG
 KKGQQKTV

>sp|Q71UI9|H2AV_HUMAN Histone H2A.V OS=Homo sapiens OX=9606 GN=H2AZ2 PE=1 SV=3

MAGGKAGKDSGKAKAKAVSRSQRAGLQFPVGRIHRHLKTRTTSHGRVGATAAVYSAAILE
 YLTAEVLELAGNASKDLKVKRITPRHLQLAIRGDEELDSL KATIAGGGVIPHIHKS LIG
 KKGQQKTA

>sp|Q15084|PDIA6_HUMAN Protein disulfide-isomerase A6 OS=Homo sapiens OX=9606 GN=PDIA6 PE=1 SV=1

MALLVLGLVSCTFFLAVNGLYSSSDDVIELTPSNFNREVIQSDSLWLVEFYAPWCGHCQR
 LTP EWKKAATALKDVVKVGAVDADKHHS LGGQYGVQGFPTIKIFGSNKNRPEDYQGGRTG
 EAI VDAALSALRQLVKDRLGGRSGGYSSGKQGRSDSSSKKDVIELTDDSF DKNVLDSE DV
 WMVEFYAPWCGHCKNLEPEWAAAASEVKEQTKGKVKLAAVDATVNQV LASRYGIRGFPTI
 KIFQKGESPVDDYDGGRTSRDIVSRALDLFSDNAPPELLEI INEDI AKRTCEEHQLCVVA
 VLP HILDTGAAGRNSYLEVLLKLADKYKKKMWGWLWTEAGAQSELETALGIGGFGYPAMA
 AINARKMKFALLKGSFSEQGINEFLRELSFGRGSTAPVGGGAFPTIVEREPWDGRDGELP
 VEDDIDLSDVELDDDLGKDEL

>sp|Q99460|PSMD1_HUMAN 26S proteasome non-ATPase regulatory subunit 1 OS=Homo sapiens OX=9606 GN=PSMD1 PE=1 SV=2
 MITSAGIISLLDEDEPQLKEFALHKLNAVVNDFWAEISESVDKIEVLYEDEGFRSRQFA
 ALVASKVFYHLGAFEEESLNYALGAGDLFNVNDNSEYVETIIAKCIDHYTKQCVENADLPE
 GEKKPIDQRLEGIVNKMFORCLDDHKKYKQAIGIALETRRLDVFETILESNDVPGMLAYS
 LKLCMSLMQNKQFRNKVLRVLVKIYMNLEKPDFINVCQCLIFLDDPQAVSDILEKLVKED
 NLLMAYQICFDLYESASQQFLSSVIQNLRTVGTPIASVPGSTNTGTVPGSEKDSDSMETE
 EKTSSAFVVGKTPEASPEPKDQTLKMIKILSGEMAIELHLQFLIRNNNTDLMILKNTKDAV
 RNSVCHTATVIANSFMHCCTSDQFLRDNLWLARATNWAKFTATASLGVIHKGHEKEAL
 QLMATYLPKDTSPGSAYQEGGGLYALGLIHANHGDDIIDYLLNQLKNASNDIVRHGGSLG
 LGLAAMGTARQDVYDLLKTNLYQDDAVTGEAAGLALGLVMLGSKNAQAIEDMVGYAQETQ
 HEKILRGLAVGIALVMYGRMEEADALIESLCRDKDPILRRSGMYTVAMAYCGSGNNKAIR
 RLLHVAVSDVNDVRRRAAVESLGFILFRTPEQCPSVVSLLSESYNPHVRYGAAMALGICC
 AGTGNKEAINLLEPMTNDPVNYVRQGALIASALIMIQQTEITCPKVNQFRQLYSKVINDK
 HDDVMAKFGAILAQGILDAGGHNVITISLQSRTGHTHMPSSVVGVLVFTQFWFWFPLSHFLS
 LAYTPTCVIGLNKDLKMPKVQYKSNCKPSTFAYPAPLEVPKEKEKEKVSTAVLSITAKAK
 KKEKEKEKEKEEKEMEVDEAEKKEKEKEKKEPEPNFQLLDNPARVMPAQLKVLTPETCRY
 QPFKPLSIGGIIILKDTSEDIEELVEPVAAHGPKIEEEEQEPEPEPEPEYIDD

>sp|Q7L5L3|GDPD3_HUMAN Lysophospholipase D GDPD3 OS=Homo sapiens
 OX=9606 GN=GDPD3 PE=1 SV=3
 MSLLLYYALPALGSYAMLSIFFLRRPHLLHTPRAPTFRIRLGAHRGGSGELLENTMEAME
 NSMAQRSDLLELDCQLTRDRVVVSHDENLCRQSGLNRDVGS�DFEDLPLYKEKLEVYFS
 PGHFAHGSRRMVRLEDLFQRFPRTPMSVEIKGNEELIREIAGLVRRYDRNEITIWASE
 KSSVMKKCKAANPEMPLSFTISRGFVWLLSYLGLLPFIPIPEKFFFCFLPNIINRTYFP
 FSCSCLNQLLAVVSKWLIMRKSLIRHLEERGQVQVFWCLNEESDFEAAFSVGATGVITDY
 PTALRHYLDNHGPAARTS

>sp|P01766|HV313_HUMAN Immunoglobulin heavy variable 3-13 OS=Homo
 sapiens OX=9606 GN=IGHV3-13 PE=1 SV=2
 MELGLSWVFLVAILEGVQCEVQLVESGGGLVQPGGSLRLSCAASGFTFSSYDMHWVRQAT
 GKGLEWVSAIGTAGDPYYPGSVKGRFTISRDNKNSLYLQMNSLRAGDTAVYYCAR

>sp|P01763|HV348_HUMAN Immunoglobulin heavy variable 3-48 OS=Homo
 sapiens OX=9606 GN=IGHV3-48 PE=1 SV=2
 MELGLCWVFLVAILEGVQCEVQLVESGGGLVQPGGSLRLSCAASGFTFSSYEMNWVRQAP
 GKGLEWVSYISSSGSTIYYADSVKGRFTISRDNKNSLYLQMNSLRAEDTAVYYCAR

>sp|A0A0B4J1X5|HV374_HUMAN Immunoglobulin heavy variable 3-74
 OS=Homo sapiens OX=9606 GN=IGHV3-74 PE=3 SV=1
 MEFGLSWVFLVAILKGVQCEVQLVESGGGLVQPGGSLRLSCAASGFTFSSYWMHWVRQAP
 GKGLVWVSRINSDGSSTSYADSVKGRFTISRDNKNTLYLQMNSLRAEDTAVYYCAR

>sp|A0A0B4J1Y9|HV372_HUMAN Immunoglobulin heavy variable 3-72
 OS=Homo sapiens OX=9606 GN=IGHV3-72 PE=3 SV=1
 MEFGLSWVFLVVILQGVQCEVQLVESGGGLVQPGGSLRLSCAASGFTFSDHYMDWVRQAP
 GKGLEWVGRTRNKANSYTTYEAAASVKGRFTISRDDSKNSLYLQMNSLKTEDTAVYYCAR

>sp|P01780|HV307_HUMAN Immunoglobulin heavy variable 3-7 OS=Homo
 sapiens OX=9606 GN=IGHV3-7 PE=1 SV=2
 MELGLSWVFLVAILEGVQCEVQLVESGGGLVQPGGSLRLSCAASGFTFSSYWMSWVRQAP
 GKGLEWVANIKQDGSEKYYVDSVKGRFTISRDNKNSLYLQMNSLRAEDTAVYYCAR

>sp|P01764|HV323_HUMAN Immunoglobulin heavy variable 3-23 OS=Homo sapiens OX=9606 GN=IGHV3-23 PE=1 SV=2
MEFGLSWLFLVAILKGVQCEVQLVESGGGLVQPGGSLRLSCAASGFTTFSSYAMSWVRQAP
GKGLEWVSAISGSGGSTYYADSVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK

>sp|P0DP57|SLUR2_HUMAN Secreted Ly-6/uPAR domain-containing protein 2 OS=Homo sapiens OX=9606 GN=SLURP2 PE=1 SV=1
MQLGTGLLLAAVLSLQLAAAEAIWCHQCTGFGGCSHGSRCLRDSTHCVTTATRVLSNTED
LPLVTMCHIGCPDIPSLGLGPYVSIACCQTSLCNHD

>sp|P12429|ANXA3_HUMAN Annexin A3 OS=Homo sapiens OX=9606 GN=ANXA3 PE=1 SV=3
MASIWVGHRGTVRDYPDFSPSVDAEAIQKAIRGIGTDEKMLISILTERSNAQRQLIVKEY
QAAYGKELKDDLKGDLSGHFEHLMVALVTPPAVFDAKQLKKSMKGAGTNEDALIEILTTR
TSRQMKDISQAYYTVYKKSLGDDISSETSGDFRKALLTLADGRRDESLKVDEHLAKQDAQ
ILYKAGENRWGTDEDKFTEILCLRSFPQLKLTDFEYRNISQKDIVDSIKGELSGHFEDLL
LAIVNCVRNTPAFLAERLHRALKGIGTDEFTLNRMVSRSEIDLLDIRTEFKKHGYSLY
SAIKSDTSGDYEITLLKICGGDD

>sp|Q14210|LY6D_HUMAN Lymphocyte antigen 6D OS=Homo sapiens OX=9606 GN=LY6D PE=1 SV=1
MRTALLLLAALAVATGPALTLRCHVCTSSSNCKHSVVCPASSRFCKTTNTVEPLRGNLVK
KDCAESCTPSYTLQGQVSSGTSSTQCCQEDLCNEKLHNAAPTRTALAHSALSGLALSLL
AVILAPSL

>sp|P09110|THIK_HUMAN 3-ketoacyl-CoA thiolase, peroxisomal OS=Homo sapiens OX=9606 GN=ACAA1 PE=1 SV=2
MQRLQVVLGHLRGPADSGWMPQAAPCLSGAPQASAADV VVVHGRRTAICRAGRGGFKDTT
PDELLSAVMTAVLKDVNLRPEQLGDICVGNVLQPGAGAIMARIAQFLSDIPETVPLSTVN
RQCSSGLQAVASIAGGIRNGSYDIGMACGVESMSLADRGNPGNITSRLMEKEKARDCLIP
MGITSENVAERFGISREKQDTFALASQQKAARAQSKGCFQAEIVPVTTTVHDDKGTKRSI
TVTQDEGIRPSTTMEGLAKLKPAFKKDGSTTAGNSSQVSDGAAAILLARRSKAEELGLPI
LGVLRSYAVVGVPPDIMGIGPAYAIPVALQKAGLTVSDVDIFEINEAFASQAAYCVEKLR
LPPEKVNPLGGAVALGHPLGCTGARQVITLLNELKRRGKRAYGVVSMCIGTGMGAAAVFE
YPGN

>sp|Q9HC38|GLOD4_HUMAN Glyoxalase domain-containing protein 4 OS=Homo sapiens OX=9606 GN=GLOD4 PE=1 SV=1
MAARRALHFVFKVGNRFQTARFYRDVLGMKVESCSVARLECSGAISAHCSDYTRITEDSF
SKPYDGKWSKTMVGFPEDDHFVAELTYNYGVGDYKLGNDFMGITLASSQAVSNARKLEW
PLTEVAEGVFETEAPGGYKFYLNRSRSLPQSDPVLKVT LAVSDLQKSLNYWCNLLGMKIYE
KDEEKQRALLGYADNQCKLELQGVKGGVDHAAAFGRIAFSCPQKELPDLEDLMKRENQKI
LTPLVSLDTPGKATVQVVILADPDGHEICFVGDEAFRELSKMDPEGSKLLDDAMAADKSD
EWF AKHNKPKASG

>sp|O00154|BACH_HUMAN Cytosolic acyl coenzyme A thioester hydrolase OS=Homo sapiens OX=9606 GN=ACOT7 PE=1 SV=3
MKLLARALRLCEFGRQASSRRLVAGQGCVGPRRGCCAPVQVVGPRADLP PCGACITGRIM
RPDDANVAGNVHGGTILKMIEEAGAIISTRHCNSQNGERCVAALARVERTDFLSPMCIGE
VAHVSAEITYTSKHSVEVQVNVMSENILTGAKKLTNKATLWYVPLSLKNVDKVLVPPV
YSRQEQE EGRKRYEAQKLERMETKWRNGDIVQVNLNPEPNTVSYSQSSLIHLVGPSDCT
LHGFVHGGVTM KLMDEVAGIVAARHCKTNIVTASVD AINFHDKIRKGCVITISGRMTFTS
NKSMEIEVLVDADPVVDSSQKRYRAASAFFTYVSLSQEGRSLPVPQLVPETEDEKKRFEE

GKGRYLQMKAKRQGHAEPPQ

>sp|P63241|IF5A1_HUMAN Eukaryotic translation initiation factor 5A-1 OS=Homo sapiens OX=9606 GN=EIF5A PE=1 SV=2

MADDLDFETGDAGASATFPMQCSALRKNGFVVLKGRPCKIVEMSTSKTGKHGHAKVHLVG
IDIFTGKKYEDICPSTHNMDVPNIKRNDQFLIGIQDGYLSLLQDSGEVREDLRLPEGDLG
KEIEQKYDCGEEILITVLSAMTEEA AVAIKAMAK

>sp|Q6IS14|IF5AL_HUMAN Eukaryotic translation initiation factor 5A-1-like OS=Homo sapiens OX=9606 GN=EIF5AL1 PE=2 SV=2

MADDLDFETGDAGASATFPMQCSALRKNGFVVLKGWPCIVEMSASKTGKHGHAKVHLVG
IDIFTGKKYEDICPSTHNMDVPNIKRNDQFLIGIQDGYLSLLQDSGEVPEDLRLPEGDLG
KEIEQKYDCGEEILITVLSAMTEEA AVAIKAMAK

>sp|Q9GZV4|IF5A2_HUMAN Eukaryotic translation initiation factor 5A-2 OS=Homo sapiens OX=9606 GN=EIF5A2 PE=1 SV=3

MADEIDFTTGDAGASSTYPMQCSALRKNGFVVLKGRPCKIVEMSTSKTGKHGHAKVHLVG
IDIFTGKKYEDICPSTHNMDVPNIKRNDYQLICIQDGYLSLLTETGEVREDLKLPEGELG
KEIEGKYNAGEDVQVSVMCAMSEEEYAVAIKPKCK

>sp|P30044|PRDX5_HUMAN Peroxiredoxin-5, mitochondrial OS=Homo sapiens OX=9606 GN=PRDX5 PE=1 SV=4

MGLAGVCALRRSAGYILVGGAGGQSAAAAARRYSEGEWASGGVRSFSRAAAAMAPIKVG
AIPAVEVFEGEPGNKVNLAELFKGKKGVLFVPGAFPTPGCSKTHLPGFVEQAEALKAKGV
QVVACLSVNDAFVTGEWGRAHKAEGKVRLADPTGAFGKETDLLLDDSLVSIFGNRRLKR
FSMVVQDGIVKALNVEPDGTGLTCSLAPNIISQL

>sp|Q69YW2|STUM_HUMAN Protein stum homolog OS=Homo sapiens OX=9606 GN=STUM PE=1 SV=1

MEPSHKDAETAAAAA AVAADPRGASSSSGVVVQVREKKGPLRAAIPYMPFPVAVICLFL
NTFVPGLGTFVSAFTVLCGARTDLPDRHVCCVFWLNIAAALIQLTAIVMVGWIMSIFWG
MDMVILAISSQGYKEQGIPQQL

>sp|Q02978|M2OM_HUMAN Mitochondrial 2-oxoglutarate/malate carrier protein OS=Homo sapiens OX=9606 GN=SLC25A11 PE=1 SV=3

MAATASAGAGGIDGKPRTPSKSVKFLFGGLAGMGATVFVQPLDLVKNRMQLSGEGAKTRE
YKTSFHALTSILKAEGLRGIYTGLSAGLLRQATYTTTRLGIYTVLFERLTGADGTPPGFL
LKAVIGMTAGATGAFVGTPEVALIRMTADGRLPADQRRGYKNVFNALIRITREEGVLT
WRGCIPTMARAVVVNAAQLASYSQSKQFLLDSGYFSDNILCHFCASMISGLVTTAASMPV
DIAKTRIQNMRMIDGKPEYKNGLDVLFKVVRVEGFFSLWKGFTPYARLGPHTVLTFFIFL
EQMNKAYKRLFLSG

>sp|Q16881|TRXR1_HUMAN Thioredoxin reductase 1, cytoplasmic OS=Homo sapiens OX=9606 GN=TXNRD1 PE=1 SV=3

MGCAEGKAVAAAAPTELQTKGKNGDGRRRS AKDHHPGKTLPENPAGFTSTATADSRALLQ
AYIDGHSVVI FSRSTCTRCTEVKKLFKSLCVPYFVLELDQTEDGRALEGTLSELAETDL
PVVFVKQRKIGGHGPTL KAYQEGRLQKLLKMNGPEDLPKSYDYDLIIIGGSGGLAAAKE
AAQYGKKVMVLDFVTPTPLGTRWGLGGTCVNVGCIPKKLMHQAALLGQALQDSRNYGWKV
EETVKHDWDRMIEAVQNHIGSLNWGYRVALREKKVYENAYGQFIGPHRIKATNNKGKEK
IYSAERFLIATGERPRYL GIPGDKEYCISSDDLFSLPYCPGKTLVVGASYVALECA GFLA
GIGLDVTVMVRSILLRGFDQDMANKIGEHEEHGIKFIRQFVPIKVEQIEAGTPGRLRVV
AQSTNSEEIIIEGEYNTVMLAIGRDACTRKIGLETGVVKINEKTGKIPVTDEEQTNVPYIY
AIGDILEDKVELTPVAIQAGRLLAQRLYAGSTVKCDYENVPTTVFTPLEYGACGLSEEKA
VEKFGEENIEVYHSYFWPLEWTIPSRDNNKCYAKIIICNTKDNERVVGFHVLGPNAGEVTQ

GFAAALKCGLTKKQLDSTIGIHPVCAEVFTTLSVTKRSGASILQAGCUG
>sp|P46776|RL27A_HUMAN 60S ribosomal protein L27a OS=Homo sapiens
OX=9606 GN=RPL27A PE=1 SV=2
MPSRLRKTRKLRGHVSHGHGRIGKHKRHPGGRGNAGGLHHHRINFDDKYHPGYFGKVGMMKH
YHLKRNQSFQPTVNLDKLWTLVSEQTRVNAAKNKTGAAPIIDVVRSGYYKVLGKGLPKQ
PVIVKAKFFSRRAEKIKSVGGACVLVA
>sp|Q9Y639|NPTN_HUMAN Neuroplastin OS=Homo sapiens OX=9606 GN=NPTN
PE=1 SV=2
MSGSSLPSALALSLLLVSGLLPGPGAAQNAGFVKSPMSETKLTGDAFELYCDVVGSPTP
EIQWWYAEVNRAESFRQLWDGARKRRVTNTAYGSNGVSVLRITRLTLEDSGTIECRASN
DPKRNDLRQNPSITWIRAQATISVLQKPRIVTSEEVIIRDSPVLPVTLQCNLTSSSHTLT
YSYWTKNGVLSATRKNASNMEYRINKPRAEDSGEYHCVYHFVSAPKANATIEVKAAPDI
TGHKRSENKNEGQDATMYCKSVGYPHPDWIWRKKENGMPMDIVNTSGRFFIINKENYTEL
NIVNLQITEDPGEYECNATNAIGSASVVTVLRVRSHLAPLWPFLGILAEIIILVVIIVVY
EKRRKPDEVPDDDEPAGPMKTNSTNNHKDKNLQRNTN
>sp|P22626|ROA2_HUMAN Heterogeneous nuclear ribonucleoproteins
A2/B1 OS=Homo sapiens OX=9606 GN=HNRNPA2B1 PE=1 SV=2
MEKTLETVPLERKKREKEQFRKLFIGGLSFETTEESLRNYEYQWGKLTDCVVMRDPASKR
SRGFGFVTFSSMAEVDAAAMAARPHSIDGRVVEPKRAVAREESGKPGAHTVKKLFGVGGIK
EDTEHHHLRDYFEEYGKIDTIEIITDRQSGKKRGFGFVTFDDHDPVDKIVLQKYHTINGH
NAEVRKALSQRQEMQEVQSSRSRGGNFGFGDSRGGGNGFGPGPGSNFRGGSDGYGSGRGF
GDGYNGYGGGPGGGNFGGSPGYGGGRGGYGGGGPGYGNQGGGYGGGYDNYGGGNYGSGNY
NDFGNYNQQPSNYGPMKSGNFGGSRNMGGPYGGGNYGPGGSGGSGGYGGRSRY
>sp|O94919|ENDD1_HUMAN Endonuclease domain-containing 1 protein
OS=Homo sapiens OX=9606 GN=ENDOD1 PE=1 SV=2
MGTARWLALGSLFALAGLLEGRLVGEEEAGFGCEDKFFYAGTPPAGLAADSHVKICQRAE
GAERFATLYSTRDRIPVYSAFRAPRAPGGAEQRWLVEPQIDDPNSNLEEAINAEAITTS
VNSLGSKQALNTDYLDSDYQRGQLYPFSLSSDVQVATFTLTNSAPMTQSFQERWYNLHS
LMDRALTPQCGSGEDLYILTGTVPSPDYRVKDKVAVPEFVWLAACCAVPGGGWAMGFVKHT
RDSDIIEDVMVKDLQKLLPFNPQLFQNNCGETEQDTEKMKKILEVVNQIQDEERMVQSQK
SSSPLSSTRSKRSTLLPPEASEGSSSFLGKLMGFATPFIKLFQLIYYLVVAILKNIVYF
LWCVTQKQVINGIESCLYRLGSATISYFMAIGEELVSIPWKVLKVAKVIRALLRILCCLL
KAICRVLSIPVRVLVDVATFPVYTMGAIPVCKDIALGLGGTVSLLFDTAFTGLGGLFQV
VFSVCKRIGYKVTFDNSGEL
>sp|P55884|EIF3B_HUMAN Eukaryotic translation initiation factor 3
subunit B OS=Homo sapiens OX=9606 GN=EIF3B PE=1 SV=3
MQDAENVAVPEAAEERAEPGQQQPAAEPPPAEGLLRPAGPGAPEAAGTEASSEEVGIAEA
GPESEVRTEPAAEAEASGPSESPSPPAEELPGSHAEPVPAQGEAPGEQARDERSDSR
AQAVSEDAGGNEGRAAEAEPRALENGDADEPSFSDPEDFVDDVSEEEELLGDVLKDRPQEA
DGIDSIVIVDNPVQVGPDRLEKLNVIHKIFSKFGKITNDFYPEEDGKTKGYIFLEYASP
AHAVDVAVKNADGYKLDKQHTFRVNLFTDFDKYMTISDEWDIPEKQPFKDLGNLRYWLEEA
ECRDQYSVIFESGDRTSIFWNDVKDPVSIERARWTETYVRWSPKGTYLATFHQRGIALW
GGEKFKQIQRFHQGVQLIDFSPCERYLVTFSPMLDTQDDPQAI IWDILTGHKKRGFHC
ESSAHWPIFKWSDGKFFARMTLDTLSIYETPSMGLLDKKSLLKISGIKDFSWSPGGNIIA
FWVPEDKDI PARVTLMQLPTRQEIRVRNLFNVVDCKLHWQKNGDYLCVKVDRTPKGTQGV
VTNFEIFRMREKQVPVDVEMKETIIAFAWEPNGSKFAVLHGEAPRISVSFYHVKNNGKI
ELIKMFDKQQANTIFWSPQGGQFVVLAGLRSMNGALAFVDTSDCTVMNIAEHYMASDVEWD

PTGRYVVTSVSWWSHKVDNAYWLWTFQGRLLQKNNKDRFCQLLWRPRPPTLLSQEQIKQI
KKDLKKYSKIFEQKDRLSQSKASKELVERRRTMMEDFRKYRKMAQELYMEQKNERLELRG
GVDTDDELDSNVDDWEEETIEFFVTEEIIPLGNGE
>sp|Q5VSP4|LC1L1_HUMAN Putative lipocalin 1-like protein 1 OS=Homo
sapiens OX=9606 GN=LCN1P1 PE=5 SV=1
MKPLLLAISLSLIAALQAHHLLASDEEIQDVSGTWYLKAMTVDRELPEMNLESVTPMTLT
ILEGGNLEAKATMLISGQCQEVKVILEKTDEPGKYTANRGKHVAYIIRSHMKDHYIFYCE
GRDPENNLEALEDFEKAAGARGLSTESILIPRQSETCSPGSD
>sp|P31025|LCN1_HUMAN Lipocalin-1 OS=Homo sapiens OX=9606 GN=LCN1
PE=1 SV=1
MKPLLLAVSLGLIAALQAHHLLASDEEIQDVSGTWYLKAMTVDREFPEMNLESVTPMTLT
TLEGGNLEAKVTMLISGRCQEVKAVLEKTDEPGKYTADGGKHVAYIIRSHVVDHYIFYCE
GELHGKPVGRGKLVGRDPKNNLEALEDFEKAAGARGLSTESILIPRQSETCSPGSD
>sp|Q9NZ01|TECR_HUMAN Very-long-chain enoyl-CoA reductase OS=Homo
sapiens OX=9606 GN=TECR PE=1 SV=1
MKHYEVEILDAKTREKLCFLDKVEPHATIAEIKNLFTKTHPQWYPARQSLRLDPKGKSLK
DEDVLQKLPVGTATLYFRDLGAQISWVTVFLTEYAGPLFIYLLFYFRVPFIYGHKYDFT
SSRHTVVHLACICHSFHYIKRLLLETLFVHRFSHGTMPLRNIFKNCTYYWGFAAWMAYYIN
HPLYTPPTYGAQQVKLALAI FVICQLGNFSIHMALRDLRPAGSKTRKIPYPTKNPFTWLF
LLVSCPNTYTYEVGSWIGFAIMTQCLPVALFSLVGFTQMTIWAKGKHSYLSKEFRDYPPLR
MPIIPFLL
>sp|P14174|MIF_HUMAN Macrophage migration inhibitory factor
OS=Homo sapiens OX=9606 GN=MIF PE=1 SV=4
MPMFIVNTNVPRAVDPDGFLSELTTQQLAQATGKPPQYIAVHVVPDQLMAFGGSSEPCALC
SLHSIGKIGGAQNRSYSKLLCGLLAERLRISPDRVYINYDMNAANVGWNNSTFA
>sp|P62191|PRS4_HUMAN 26S proteasome regulatory subunit 4 OS=Homo
sapiens OX=9606 GN=PSMC1 PE=1 SV=1
MGQSQSGGHGPGGGKKDDKDKKKKYEPVPTRVGKKKKKTKGPDAASKLPLVTPHTQCRL
KLLKLERIKDYLLMEEEFIRNQEQMKPLEEKQEEERSKVDDLRTGTPMSVGTLEEIIIDNH
AIVSTSVGSEHYVSILSFVDKDLLEPGCSVLLNHKVVHAVIGVLMDDTDPLVTVMKVEKAP
QETYADIGGLDNQIQEIKESVELPLTHPEYYEEMGIKPPKGVILYGPPGTGKTLAKAVA
NQTSATFLRVVGSELIQKYLGDGPKLVRELFRVAEEHAPSIVFIDEIDAIGTKRYDSNSG
GEREIQRMTLELLNQLDGFDSRGDVKVIMATNRIETLDPALIRPGRIDRKIEFPLPDEKT
KKRIFQIHTSRMTLADDVTLDDLIMAKDDLSGADIKAICTEAGLMALRERRMKVTNEDFK
KSKENVLYKKQEGTPEGLYL
>sp|P62195|PRS8_HUMAN 26S proteasome regulatory subunit 8 OS=Homo
sapiens OX=9606 GN=PSMC5 PE=1 SV=1
MALDGPEQMELEEGKAGSGLRQYYLSKIEELQLIVNDKSQNLRRLLQAQRNELNAKVRLLR
EELQLLQEQGSYVGEVVRAMDKKKVLVKVHPEGKFVVDVDKNIDINDVTPNCRVALRND
YTLHKILPNKVDPLVSLMMVEKVPDSTYEMIGGLDKQIKEIKEVIELPVKHPELFELALGI
AQPKGVLVLYGPPGTGKTLLARAVAHHTDCTFIRVSGSELVQKFIGEGARMVRELFVMARE
HAPSIIIFMDEIDSIGSSRLEGGSGGDSEVQRTMLELLNQLDGFATKNIKVIMATNRIDI
LDSALLRPGRIDRKIEFPNNEEARLDILKIHRSKMNLTRGINLRKIAELMPGASGAEVK
GVCTEAGMYALRERRRVHVTQEDFEMAVAKVMQKDSEKNMSIKKLWK
>sp|Q99536|VAT1_HUMAN Synaptic vesicle membrane protein VAT-1
homolog OS=Homo sapiens OX=9606 GN=VAT1 PE=1 SV=2
MSDEREVAEAAATGEDASSPPPKTEAASDPQHAAASEGAAAAAASPPLLRCLVLTGFGGYD

KVKLQSRPAAPPAPGPGQLTLRLRACGLNFADLMARQGLYDRLPPLPVTPTGMEGAGVVIA
VGEVSDRKAGDRVMVLNRSWMQEEVTVPSVQTFLLIPEAMTFEEAAALLVNYITAYMVL
FDFGNLQPGHSLVHMAAGGVGMAAVQLCRTVENVTVFGTASASKHEALKENGVTHTPIDY
HTTDYVDEIKKISPKGVDIVMDPLGGSDTAKGYNLLKPMGKVVTYGMANLLTGPKRNLMA
LARTWWNQFSVTALQLLQANRAVCGFHLGYLDGEVELVSGVVARLLALYNQGHKPHIDS
VWPFKEKVADAMKQMQEKKNVGKVLVPGPEKEN

>sp|P16520|GBB3_HUMAN Guanine nucleotide-binding protein
G(I)/G(S)/G(T) subunit beta-3 OS=Homo sapiens OX=9606 GN=GNB3 PE=1
SV=1

MGEMEQLRQEAQELKKQIADARKACADVTLAELVSGLEVVGGRVQMRTRRTLGRHLAKIYA
MHWATDSKLLVSASQDGKLIWDSYTTNKVHAIPLRSSWVMTCAYAPSGNFVACGGLDNM
CSIYNLKSREGNVKVSRELSAHTGYLSCCRFLDDNNIVTSSGDTTCALWDIETGQQKTFF
VGHTGDCMSLAVSPDFNLFISGACDASAKLWDVREGTCRQTFTGHESDINAICFFPNGEA
ICTGSDDASCRLFDLRADQELICFSHESIICGITSVAFSLSGRLLFAGYDDFNCNVWDSM
KSERVGILSGHDNRVSCLGVTADGMAVATGSWDSFLKIWN

>sp|P62873|GBB1_HUMAN Guanine nucleotide-binding protein
G(I)/G(S)/G(T) subunit beta-1 OS=Homo sapiens OX=9606 GN=GNB1 PE=1
SV=3

MSELDQLRQEAQELKNQIRDARKACADATLSQITNNIDPVGRIQMRTRRTLGRHLAKIYA
MHWGTD SRLLLVSASQDGKLIWDSYTTNKVHAIPLRSSWVMTCAYAPSGNYVACGGLDNI
CSIYNLKTREGNVRVSREL AGHTGYLSCCRFLDDNQIVTSSGDTTCALWDIETGQQTTTF
TGHTGDVMSLSLAPDTRLFVSGACDASAKLWDVREGMCRQTFTGHESDINAICFFPNNGA
FATGSDDATCRLFDLRADQELMTYSHDNIICGITSVSFSKSGRLLLAGYDDFNCNVWDAL
KADRAGVLAGHDNRVSCLGVTDDGMAVATGSWDSFLKIWN

>sp|P62879|GBB2_HUMAN Guanine nucleotide-binding protein
G(I)/G(S)/G(T) subunit beta-2 OS=Homo sapiens OX=9606 GN=GNB2 PE=1
SV=3

MSELEQLRQEAQELRNQIRDARKACGDSTLTQITAGLDPVGRIQMRTRRTLGRHLAKIYA
MHWGTD SRLLLVSASQDGKLIWDSYTTNKVHAIPLRSSWVMTCAYAPSGNFVACGGLDNI
CSIYSLKTREGNVRVSRELPGHTGYLSCCRFLDDNQIITSSGDTTCALWDIETGQQTVGF
AGHSGDVMSLSLAPDGRTFVSGACDASIKLWDVRDSMCRQTFIGHESDINAVAFFPNGYA
FTTGSDDATCRLFDLRADQELLMYSHDNIICGITSVAFSRSGRLLLAGYDDFNCNIWDAM
KGDRAGVLAGHDNRVSCLGVTDDGMAVATGSWDSFLKIWN

>sp|Q9HAV0|GBB4_HUMAN Guanine nucleotide-binding protein subunit
beta-4 OS=Homo sapiens OX=9606 GN=GNB4 PE=1 SV=3

MSELEQLRQEAQELRNQIQDARKACNDATLVQITSNMDSVGRIQMRTRRTLGRHLAKIYA
MHWGYDSRLLLVSASQDGKLIWDSYTTNKMHAIPLRSSWVMTCAYAPSGNYVACGGLDNI
CSIYNLKTREGNVRVSRELPGHTGYLSCCRFLDDSQIVTSSGDTTCALWDIETAQQTTTF
TGHSGDVMSLSLSPDMRTFVSGACDASSKLWDIRDGMCRQSFTGHVSDINAVSFFPNGYA
FATGSDDATCRLFDLRADQELLLYSHDNIICGITSVAFSKSGRLLLAGYDDFNCNVWDTL
KGDRAGVLAGHDNRVSCLGVTDDGMAVATGSWDSFLRIWN

>sp|P61019|RAB2A_HUMAN Ras-related protein Rab-2A OS=Homo sapiens
OX=9606 GN=RAB2A PE=1 SV=1

MAYAYLFKYIIIGDTGVGKSCLLQLQFTDKRFQPVHDLTIGVEFGARMITIDGKQIKLQIW
DTAGQESFRSITRSYYRGAAGALLVYDITRRDTFNHLTTWLEDARQHSNSNMVIMLIGNK
SDLESRRREVKKEEGEAFAREHGLIFMETS AKTASNVEEAFINTAKEIYEKIQEGVFDINN
EANGIKIGPQHAATNATHAGNQGGQQAGGGCC

>sp|Q8WUD1|RAB2B_HUMAN Ras-related protein Rab-2B OS=Homo sapiens
OX=9606 GN=RAB2B PE=1 SV=1
MTYAYLFKYIIIGDTGVGKSCLLLQFTDKRFQPVHDLTIGVEFGARMVNIDGKQIKLQIW
DTAGQESFRSITRSYYRGAAGALLVYDITRRETFNHLTSWLEDARQHSSSNMVMIMLIGNK
SDLESRRDVKREEGEAFAREHGLIFMETS AKTACNVEEAFINTAKEIYRKIQQGLFDVHN
EANGIKIGPQQSISTSVGPSASQRNSRDIGSNSGCC

>sp|Q12905|ILF2_HUMAN Interleukin enhancer-binding factor 2
OS=Homo sapiens OX=9606 GN=ILF2 PE=1 SV=2
MRGDRGRGRGGRFGSRGGPGGGFRPFVPHIPFD FYLCEMAFPRVKPAPDETSFSEALLKR
NQDLAPNSAEQASILSLVTKINNVIDNLIVAPGTFEVQIEEVRQVGSYKKGTMTTGHNVA
DLVVILKILPTLEAVAALGNKVVESLRAQDPSEVLTMLTNETGFEISSSDATVKILITTV
PPNLRKLDPELHLDIKVLQSALAAIRHARWFEENASQSTVKVLIRLLKDLRIRFPGFEP
TPWILDLLGHYAVMNNPTRQPLALNVAYRRCLQILAAGLFLPGSVGITDPCESGNFRVHT
VMTLEQQDMVCYTAQTLVRILSHGGFRKILGQEGDASYLASEISTWDGVIVTPSEKAYEK
PPEKKEGEEEEENTEEPPQGEESMETQE

>sp|Q9Y285|SYFA_HUMAN Phenylalanine--tRNA ligase alpha subunit
OS=Homo sapiens OX=9606 GN=FARSA PE=1 SV=3
MADGQVAELLLRRLEASDGGLD SAELAAELGMEHQAVVGAVKSLQALGEVIEAELRSTKH
WELTAEGEEIAREGSHEARVFRSIPPEGLAQSELMRLPSGKVGFSKAMSNKWIRVDKSA
DGPRVFRVVD SMEDEVQRRQLVLRGGQAEKLGEKERSELKRKLLAEVTLKTYWVSKGSA
FSTSISKQETELSP EMISSGSWRDRPFKPYNFLAHGVLPDSGHLHPLLKVR SQFRQIFLE
MGFTEMPTDNFI ESSFWNFDALFQPQQHPARDQHDTFFLRDPAEALQLPMDYVQVRKRT
H SQGGYGSQGYKYNWKLDEARKNLLRTH TTSASARALYRLAQKKPFTPVKYFSIDRVFRNE
TLDATHLAEFHQIEGVVADHGLTLGHLMGVLRFFFTKLGITQLRFKPAYNPYTEPSMEVF
SYHQGLKKWVEVGN SGVFRPEMLLP MGLPENVS VIAWGLSLERPTMIKYGINNIRELVGH
KVNLMQMVYDSPLCRLDAEPRPPPTQEAA

>sp|Q9Y4K1|CRBG1_HUMAN Beta/gamma crystallin domain-containing
protein 1 OS=Homo sapiens OX=9606 GN=CRYBG1 PE=1 SV=3
MEKRSSGRRSGRRRG SQKSTDSPGADAELPESAARDDAVFDDEVAPNAASDNASAEKKVK
SPRAALDGGVASAASPESKPSPGTKGQLRGESDRSKQPPASSPTKRKGRSRALEAVPAP
PASGPRAPAKESPPKRVDPSPVTKGTAAESGEEAARAI PRELPVKSSSLLPEIKPEHKR
GPLPNHFNGRAEGGRSRELGRAAGAPGASDADGLKPRNHFGVGRSTVTTKVTLPKPKHV
ELNLKTPKNLDSLGN EHNPF SQPVHKGNTATKISL FENKRTNSSPRHTDIRGQRNTPASS
KTFVGRAKLNLAKKAKEME QPEKKVMPNSPQNGVLVKETA IETKVTVSEEEILPATRGMN
GDSSSENQALGPQPNQDDKADVQTDAGCLSEPVASALIPVKDHLKLEKEDSEAADSKSLVL
ENVTDTAQDIPTTVDTKDLPPTAMPKPQHTFSDS QSPAESSPGPSLSLSAPAGDVPKDT
CVQSPISSFPCTDLK VSENHKGCVLPVSRQNN EKMPLELGGETT PPLSTERSPEAVGSE
CPSRVLVQVRSFVLPVESTQDVSSQVIPESSEVREVQLPTCHSNEPEVVS VASCAPPQEE
VLGNEHSHCTAE LAAKSGPQVI PPASEKTLPIQAQS QGSRTPLMAESSPTNSPSSGNHLA
TPQRPDQTVTNGQD SPASLLNISAGSDDSVFDSSSDMEKFTEI IKQMDSAVCMPMKRKA
RMPNSPAPHFAMPPIHEDHLEKVFDPKVFTFGLGKKKESQPEMSPALHLMQNLDTKSKLR
PKRASAEQSVLFKSLHTNTNGNSEPLVMPEINDKENRDVTNNGGIKRSRLEKSALFSSLLS
SLPQDKIFSPSVTSVNTMTTAFSTSQNGSLSQSSVSQPTTEGAPPCGLNKEQSNLLPDNS
LKVFNFNSSSTSHSSLKSPSHMEKYPQKEKTKEDLDSRSNLHLPETKFSELSKLKNDME
KANHIESVIKSNLPNCANS DTFMGLFKSSRYDPSISFSGMSLSDTMTLRGVSQNKLNPR
PGKVVIYSEPDVSEKCI EVFSDIQDCSSWSLSPVILIKVVRGCWILYEQPNFEGHSIPLE
EGELELSGLWGIEDILERHEEAESDKPVVIGSIRHV VQDYRVSHIDL FTEPEGLGILSSY

FDDTEEMQGGFGVMQKTCMKVHWGTWLIYEPPGFQGVPPFILEPGEYPDLSFWDTEEAYIG
 SMRPLKMGGRKVEFPTDPKVVVYEKPPFFEGKCVELETGMCSFVMEGGETEEATGDDHLPF
 TSVGSMKVLRLGIWVAYEKPFGFTGHQYLLEEGEYRDWKAAGGYNGELQSLRPILGDFSNAH
 MIMYSEKNFGSKGSSIDVLGIVANLKETGYGVKTQSINVLSGVWVAYENPDFTGEQYILD
 KGFYTSFEDWGGKNCKISSVQPICLDSFTGPRRRNQIHLFSEPQFQGHSSQSFEETTSQID
 DSFSTKSCRVSOGSWVVDGENFTGNQYVLEEGHYPCLSAMGCPPGATFKSLRFIDVEFS
 EPTIILFEREDFKGKKIELNAETVNLRLSLGFNTQIRSVQVIGGIWVTYEYGSYRGRQFLL
 SPAEVPNWEYFSGCRQIGSLRPFVQKRIYFRLRNKATGLFMSTNGNLEDLKLRLRIQVMED
 VGADDQIWIYQEGCIKCRIAEDCCLTIVGSLVTSGSKLGLALDQNADSQFWSLKSDGRIY
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 >sp|Q9H0P0|5NT3A_HUMAN Cytosolic 5'-nucleotidase 3A OS=Homo
 sapiens OX=9606 GN=NT5C3A PE=1 SV=3
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 RKKLLQLKEKYAIEVDPVLTVEEKYPYMVEWYTKSHGLLVQQALPKAKLKEIVAESDVM
 LKEGYENFFDKLQQHSIPVFIFISAGIGDVLEEVIQAGVYHPNVKVVSNFMDFDETGVLK
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 NDRVDELLEKYMDSYDIVLVQDESLEVANSILQKIL
 >sp|P30153|2AAA_HUMAN Serine/threonine-protein phosphatase 2A 65
 kDa regulatory subunit A alpha isoform OS=Homo sapiens OX=9606
 GN=PPP2R1A PE=1 SV=4
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 PSDLEAHFVPLVKRLAGGDWFTSRTSACGLFSVCYPRVSSAVKAELRQYFRNLCSDDTPM
 VRRAAASKLGEFAKVLELDNVKSEIIPMFSNLASDEQDSVRLlaveACVNIAQLLPQEDL
 EALVMPTLRQAAEDKSWRVRYMVADKFTLQKAVGPEITKTDLVPAFQNLMKDCEAEVRA
 AASHKVKEFCENLSADCRENVIMSQILPCIKELVSDANQHVKSALASVIMGLSPILGKDN
 TIEHLLPLFLAQLKDECPEVRLNIISNLDCVNEVIGIRQLSQSLLPAIVELAEDAKWRVR
 LAIEYMPLLAGQLGVEFFDEKLNSLCMAWLVDHVYAIAREAATSNLKKLVEKFGKEWAHA
 TIIPKVLAMSGDPNYLHRMTTLFCINVLESEVCGQDITTKHMLPTVLRMAGDPVANVRFNV
 AKSLQKIGPILDNSTLQSEVKPILEKLTQDQDQDVVKYFAQEALTVLSLA
 >sp|P0DOX6|IGM_HUMAN Immunoglobulin mu heavy chain OS=Homo sapiens
 OX=9606 PE=1 SV=2
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 TVTVSSGSASAPTLFPLVSCENSNPSTVAVGCLAQDFLPDSITFSWKYNQSQKISSTRG
 FPSVLRGKYAATSQVLLPSKDVMQGTDEHVCKWVQHPNGNKQKNVPLPVIAELPPKVS
 FVPPRDGFFGNPRKSKLICQATGFSPRQVWSLREGKQVGSVTTDQVQAEAKESGPTTYK
 VTSTLTIKESDWLGESMFTCRVDHRGLTFQQNASSMCVPDQDTAIRVFAIPPSFASIFLT
 KSTKLTLCLVTDLTITYDSVTISWTRTEENGAVKTHTNISESHPNATFSAVGEASICEDDDWS
 GERFTCTVTHTDLPSPLKQTISRPKGVALHRPDVYLLPPAREQLNLRESATITCLVTGFS
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 EALPNRVTERTVDKSTGKPTLYNVSLVMSDTAGTCY
 >sp|Q9UI12|VATH_HUMAN V-type proton ATPase subunit H OS=Homo
 sapiens OX=9606 GN=ATP6V1H PE=1 SV=1
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 EKQEMLQTEGSQCAKTFINLMTHICKEQTVQYILTMVDDMLQENHQRVSIFFDYARCSKN

TAWPYFLPMLNRQDPFTVHMAARI IAKLAAWGKELMEGSDLNYYFNWIKTQLSSQKLRGS
GVAVETGTVSSSDSSQYVQC VAGCLQLMLRVNEYRFAWVEADGVNCIMGVLSNKCGFQLQ
YQMIFSIWLLAFSPQMCEHLRRYNIIPVLS DILQESVKEKVTRIILAAFRNFLEKSTERE
TRQEYALAMIQCKVLKQLENLEQQKYDDEDISEDIKFLEKLGESVQDLSSFDEYSSELK
SGRLEWSPVHKSEKFWRENAVRLNEKNYELLKILTKLLEVSDDPQVLAVAAHDVGEYVRH
YPRGKR VIEQLGGKQLVMNHMHEDQQVRYNALLAVQKLMVHNWEYL GKQLQSEQPQTAA
ARS

>sp|Q9BSJ8|ESYT1_HUMAN Extended synaptotagmin-1 OS=Homo sapiens
OX=9606 GN=ESYT1 PE=1 SV=1

MERSPGEGSPSPMDQPSAPSDPTDQPPAAHAKPDPGSGGQPAGPGAAGEALAVLTSFGR
RLVLIPVYLAGAVGLSVGFVLFGLALYLGWRRVRDEKERSLRAARQLLDDEEQLTAKTL
YMSHRELPAWVSFPDVEKAEWLNKIVAQVWPFLGQYMEKLLAETVAPAVRGSNPHLQFTT
FTRVELGEKPLRIIGVKVHPGQRKEQILLDLNISYVGDVQIDVEVKKYFCKAGVKGMQLH
GVLRVILEPLIGDLPFVGAVSMFFIRRP TLDINWTGMTNLLDIPGLSSSLSDTMIMDSIAA
FLVLPNRLLVPLVPDLQDVAQLRSPLPRGIIRIHLAARGLSSKDKYVKGLIEGKSDPYA
LVRLGTQTFCSRVIDEELNPQWGETYEVMVHEVPGQEIEVEVFDKDPDKDDFLGRMKLDV
GKVLQASVLDWFLPQGGQGVHLRLEWLSLLSDAEKLEQVLQWNWGVSSRPDPSPAAAIL
VVYLDRAQDLPLKKGNKEPNPMVQLSIQDVTQESKAVYSTNCPVWEEAFRFFLQDPQSQE
LDVQVKDDSRALTGLATLPLARLLTAPELILDQWFQLSSSGPNSRLYMKLVMRILYLD
SEICFPTVPGCPGAWDVDS ENPQRGSSVDAPPRPCHTTPDSQFGTEHVLRIHVLEAQDLI
AKDRFLGGLVKGKSDPYVKLKLAGRSFRSHVVREDLNPRWNEVFVIVTSVPGQELEV
FDKDLDDKDDFLGRCKVRLTTVLNSGFLDEWLTLEDVPSGRLHLRLRLTPRPTAAELEE
LQVNSLIQTQKSAELAAALLSIYMERAE DLPLRKGTKHLSPYATLTVGDSSHKTKTISQT
SAPVWDESASF LIRKPHTESLELQVRGEGTGVLGSLSLPLSELLVADQLCLDRWFTLSSG
QGQVLLRAQLGILVSQHSGVEAHSHSYSHSSSSSLSEEP ELSGGPPHITSSAPELRQRLTH
VDSPLEAPAGPLGQVKLTWYYSEERKLVSI VHGCRLRQNGRDPPDPYVSLLLLPDKNR
GTKRRTSQQKRTLSPEFNERFEWELPLDEAQRRLDVS VKSNSSFMSRERELLGKVQLDL
AETDLSQGVARWYDLMDNKKDKGSS

>sp|A0A075B6P5|KV228_HUMAN Immunoglobulin kappa variable 2-28
OS=Homo sapiens OX=9606 GN=IGKV2-28 PE=3 SV=1

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>sp|P01615|KVD28_HUMAN Immunoglobulin kappa variable 2D-28 OS=Homo
sapiens OX=9606 GN=IGKV2D-28 PE=1 SV=2

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YLQKPGQSPQQLLIYLGSNRASGV PDRFSGSGSGTDFTLKISRVEAEDVGVYYCMQALQTP

>sp|A0A075B6S2|KVD29_HUMAN Immunoglobulin kappa variable 2D-29
OS=Homo sapiens OX=9606 GN=IGKV2D-29 PE=3 SV=1

MRLPAQLLGLLMLWIPGSSADIVMTQTPLSLSVTPGQPASISCKSSQSLLHSDGKTYLYW
YLQKPGQPPQQLLIYEVS NRFSGV PDRFSGSGSGTDFTLKISRVEAEDVGVYYCMQSIQLP

>sp|A2NJV5|KV229_HUMAN Immunoglobulin kappa variable 2-29 OS=Homo
sapiens OX=9606 GN=IGKV2-29 PE=3 SV=2

MRLPAQLLGLLMLWIPGSSADIVMTQTPLSLSVTPGQPASISCKSSQSLLHSDGKTYLYW
YLQKPGQSPQQLLIYEVS SRFSGV PDRFSGSGSGTDFTLKISRVEAEDVGVYYCMQGIHLP

>sp|A0A0A0MRZ7|KVD26_HUMAN Immunoglobulin kappa variable 2D-26
OS=Homo sapiens OX=9606 GN=IGKV2D-26 PE=3 SV=1

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MRLPAQLLGLLMLWVPGSSGDVVMVTQSPLSLPVTLGQPASISCRSSQSLVYSDGNTYLNW
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>sp|P01614|KVD40_HUMAN Immunoglobulin kappa variable 2D-40 OS=Homo sapiens OX=9606 GN=IGKV2D-40 PE=1 SV=2
MRLPAQLLGLLMLWVPGSSSEDIVMTQTPLSLPVTTPGEPASISCRSSQSLLDSDDGNTYLD
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P
>sp|A0A087WW87|KV240_HUMAN Immunoglobulin kappa variable 2-40 OS=Homo sapiens OX=9606 GN=IGKV2-40 PE=3 SV=2
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P
>sp|P61586|RHOA_HUMAN Transforming protein RhoA OS=Homo sapiens OX=9606 GN=RHOA PE=1 SV=1
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AGQEDYDRLRPLSYPD TDVILMCF SIDSPDSLENIPEKWTPEVKHFPCNPVPIILVGNKKD
LRNDEHTRELAKMKQEPVKPEEGRDMANRIGAFGYMECSAKTKDGVREVFEMATRAALQ
ARRGKKKSGCLVL
>sp|P08134|RHOC_HUMAN Rho-related GTP-binding protein RhoC OS=Homo sapiens OX=9606 GN=RHOC PE=1 SV=1
MAAIRKKLVIVGDGACGKTCLLIVFSKDQFPEVYVPTVFENYIADIEVDGKQVELALWDT
AGQEDYDRLRPLSYPD TDVILMCF SIDSPDSLENIPEKWTPEVKHFPCNPVPIILVGNKKD
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VRKNKRRRGCPIL
>sp|O00194|RB27B_HUMAN Ras-related protein Rab-27B OS=Homo sapiens OX=9606 GN=RAB27B PE=1 SV=4
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>sp|O95747|OXSR1_HUMAN Serine/threonine-protein kinase OSR1 OS=Homo sapiens OX=9606 GN=OXSR1 PE=1 SV=1
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LKEIQAMSQCHHPNIVSYT SFVVKDELWLVMKLLSGGSVLDI IKHIVAKGEHKSGVLDE
STIATILREVLEGLEYLHKNQIHRDVKAGNILLGEDG SVQIADFGVSAFLATGGDITRN
KVRKTFVGT PCWMAPEVMEQVRGYDFKADIWSFGITAI ELATGAAPYHKYPPMKVLM LTL
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QEKT LQ RAPTISERAKK VRRVPGSSGR LHKTEDGGWEWS DDEFDEESEEGKAAISQLRSP
RVKESISNSELFP TTD PVGTLLQVPEQIS AHLPPAGQIATQPTQVSLPPTAEPAKTAQA
LSSGSGSQETKIPISLVLR LNSKKELNDIRFEFTPGRDTAEGVSQELISAGLVDGRDLV

IVAANLQKIVEEPQSNRSVTFKLASGVEGSDIPDDGKLIGFAQLSIS

>sp|P01772|HV333_HUMAN Immunoglobulin heavy variable 3-33 OS=Homo sapiens OX=9606 GN=IGHV3-33 PE=1 SV=2

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GKGLEWVAVIWYDGSNKYYADSVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCAR

>sp|P0DP03|HVC05_HUMAN Immunoglobulin heavy variable 3-30-5 OS=Homo sapiens OX=9606 GN=IGHV3-30-5 PE=3 SV=1

MEFGLSWVFLVALLRGVQCQVQLVESGGGVVQPGRSLRLSCAASGFTFSSYGMHWVRQAP
GKGLEWVAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK

>sp|P01768|HV330_HUMAN Immunoglobulin heavy variable 3-30 OS=Homo sapiens OX=9606 GN=IGHV3-30 PE=1 SV=2

MEFGLSWVFLVALLRGVQCQVQLVESGGGVVQPGRSLRLSCAASGFTFSSYGMHWVRQAP
GKGLEWVAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCAK

>sp|P0DP02|HVC33_HUMAN Immunoglobulin heavy variable 3-30-3 OS=Homo sapiens OX=9606 GN=IGHV3-30-3 PE=1 SV=1

MEFGLSWVFLVALLRGVQCQVQLVESGGGVVQPGRSLRLSCAASGFTFSSYAMHWVRQAP
GKGLEWVAVISYDGSNKYYADSVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCAR

>sp|Q13813|SPTN1_HUMAN Spectrin alpha chain, non-erythrocytic 1 OS=Homo sapiens OX=9606 GN=SPTAN1 PE=1 SV=3

MDPSGVKVLTAEDIQERRQQVLD RYHRFKELSTLRQKLED SYRFQFFQRDAEELEKWI
QEKLQIASDENYKDPTNLQGKLQKHQAFEA EVQANS GAIVKLD ETGNLMISEGHFAS ETI
RTRLME LHRQWELLLEK MREKGIKLLQAQKLVQYLRECE DVMDWINDKEAIVTSEELGQD
LEHVEVLQKKFEEFQTDMAAHEERVNEVNQFAAKLIQE QHP EEELIKTKQDEVNAAWQRL
KGLALQRQGKLF GA AEVQRFNRD VDETISWIK EKEQLMASDDFGRDLASVQALLRKHEGL
ERDLAALEDKVKALCAEADRLQQSHPLSATQIQVKREELITNWEQIRTLAAERHARLND S
YRLQRFLADFRDLTSWVTEMKALINADELASDVAGAEALLDRHQEHKGEIDAHEDSFKSA
DESGQALLAAGHYASDEVREKLTVLSEERAALLELWELRRQQYEQCMDLQLFYRDTEQVD
NWMSKQEAFLNEDLGDSLDSVEALLKKHEDFEKSLSAQEEKITALDEFATKLIQNNHYA
MEDVATR RDALLSRNALHERAMRRRAQLADSFHLQQFFRDSDELKSWVNEKMKTATDEA
YKDP SNLQGKVQKHQAFEAEL SANQSRIDALEKAGQKLIDVNHYAKDEVAARMNEVISLW
KKLLEATELKGIKLREANQQQQFN RNVEDIELWLYEVEGHLASDDYGKDLTNVQN LQKKH
ALLEADVA AHQDRIDGITIQARQFQDAGHFDAENIKKKQEALVARYEALKEPMVARKQKL
ADSLRLQQLFRDVEDEETWIREKEPIAASTNRGKDLIGVQNLLKKHQALQAEIAGHEPRI
KAVTQKGNAMVEEGHFAAEDVKAKLHELNQKWEALKAKASQRRQDLED SLQAQQYFADAN
EAESWMREKEPIVGSTDY GKDEDSAEALLKKHEALMSDLSAYGSSIQALREQAQSCRQQV
APTDD ETGKELVLALYDYQEKSPREVTMKG DILTLLNSTNKDWWKVEVNDRQGFVPAAY
VKKLDPAQ SASREN LLEEQGSIALRQE QIDNQTRITKEAGSVSLRMKQVEELYHSLLELG
EKRKGMLEKSCCKFMLFREANELQQWINEKEAALTSEEVGADLEQVEVLQKKFDDFQKDL
KANESRLKDINKVAEDLESEGLMAEEVQAVQQQEVYGMMPRDETDSKTASPWKSARLMVH
TVATFNSIKELNERWRS LQQLAEERSQLLGS AHEVQRFHRDADETKEWIEEKNQALNTDN
YGHDLASVQALQRKHEGFERDLAALGDKVNSLGETAERLIQSHPESAEDLQEKCTELNQA
WSSLGKRADQRKAKLGDS HDLQRFLSDFRDLMSWINGIRGLVSSDELA KDVTGAEALLER
HQEHRTEIDARAGTFQAF EQFGQQLLAHGHYASPEIKQKLDILDQERADLEKAWVQRRMM
LDQCLELQLFHRDCEQAENWMAAREAF LNTEDKGDSLDSVEALIKKHEDFDKAINVQEEK
IAALQAFADQLIAAGHYAKGDISSRNEVLDRWRRLKAQMIEKRSKLGESQTLQQFSRDV
DEIEAWISEKLQTASDESYKDPTNIQSKHQKHQAFEAELHANADRI RGVIDMGNSLIERG
ACAGSEDAVKARLAALADQWQFLVQKSAEKSQKLKEANKQQNFNTGIKDFDFWLSEVEAL

LASEDYGKDLASVNNLLKKHQLEADISAHEDRLKDLNSQADSLMTSSAFDTSQVKDKRD
TINGRFQKIKSMAASRRAKLNESHRLHQFFRDMDDEESWIKEKKLLVGSEDYGRDLTGVO
NLRKKHKRLEAEALAAHEPAIQGVLDTGKKLSDDNTIGKEEIQQLAQFVEHWKELKQLAA
ARGQRLSEESLEYQQFVANVEEEEAWINEKMTLVASEDYGDTLAAIQGLLKKHEAFETDFT
VHKDRVNDVCTNGQDLIKNNHHEENISSKMKGLNGKVSLEKAAAQRKAKLDENSAFLQ
FNWKADVVESWIGEKENSLKTDDYGRDLSSVQTLTKQETFDAGLQAFQOEGIANITALK
DQLLAACHVQSKAIEARHASLMKRWSQLLANSAARKKKLLEAQSHFRKVEDLFLTFAKKA
SAFNSWFENAEEDLTDVRCNSLEEIKALREAHDAFRSSLSSAQADFNQLAELDRQIKSF
RVASNPYTWFTEALEETWRNLQKIIKERELELQKEQRRQEENDKLRQEFAQHANAFAHQW
IQETRTYLLDGSVMVEESGTLESQLEATKRKHQEIIRAMRSQKIKIEDLGAAMEEALILDN
KYTEHSTVGLAQWDQLDQLGMRMQHNLEQQIQARNTTGVTEEALKEFSMMFKHFDKDKS
GRLNHQEFKSLRSLGYDLPVVEEGEPDPEFEAILDTVDPNRDGHVSLQEYMAFMISRET
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DYVEFTRSLFVN

>sp|P62750|RL23A_HUMAN 60S ribosomal protein L23a OS=Homo sapiens
OX=9606 GN=RPL23A PE=1 SV=1

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PRKSAPRRNKLDHYAIIKFPLTTESAMKKIEDNNTLVFIVDVKANKHQIKQAVKKLYDID
VAKVNTLIRPDGEKKAYVRLAPDYDALDVANKIGII

>sp|Q9H6N6|MYH16_HUMAN Putative uncharacterized protein MYH16
OS=Homo sapiens OX=9606 GN=MYH16 PE=1 SV=2

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ITKLQKEKRALEELHQKTLDDLQAEEDKVNHLTKNNSKLSTQIHELEDNWEQEKKIRAEV
EKARRKAESDLKMTIDNLNEMERSKLDLEEVVKRDLEINSVNSKYEDEQSLNSTLQKRL
KEHQDRIEELEEELEAERAMRAKIEQNRKREAEELLKLRLRELEEAALQSEATASTLRKKHV
DSMAELTEHVESLQVRVSKLEKDKQVMKAEIDDLNASMETIQKSKMNAEAHVRLKLEDSLS
EANAQVAELERNQAEINAIRTRLQAENSELSREYEESSQRLNQILRIKTSLSQVDDYKR
QLDEESKSRSTAVVSLANTKHDLDLVKEQLEEEQGGKSELQRLVSKLNTEVTWTRTKYET
DAIQRTTEEELEETKRKLAARLQEAEEAAETAQARAASLEKNKQRLQAEVEDLTIDLEKANA
AAAALDKKQRLFDKMLAEWQQKCEELQVEVDSSQKECRMVMTESFKIKTAYEESLEHLES
VKKENKTLQEEIKDLIDQLGEGGRSVHELQKLKKKLEMEKEELQVALEEAESSLEVEESK
VIRIQLELAQVKADIDRRIHEKEEEFEATRKNHQRAIESLQASLEAEAKGRAEALRLKKK
METDLNEMEIQLDHANKNSELVKTLLKRLQQQIKDLQVQMDDEDARQHEELRKQYNLQERR
LSLLQTELEEVRSALGSESRKLLQEVVEITEWHNEINIQNQSLLVKRLKLESDVQRI
SNEHEELISEFRLTEERAKAMMDAARMAEELRQEQDHCMHLEKIKKNYEVTIKDLQAKM
EEAEQLALKGGKRTIMKLEARIKELETELDGEQKQHVETVKTLCNERRRLKELVFQTEED
HKTNRMQALVEKLQNKLVYKRQIEEAEDQANQTLARYRKTVHELDDAEDRAGMAETAL
NKLRLTRHRVAGKGITSV

>sp|Q9Y5Z4|HEBP2_HUMAN Heme-binding protein 2 OS=Homo sapiens
OX=9606 GN=HEBP2 PE=1 SV=1

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AIQTGFTKLNSYIQGKNEKEMKIKMTAPVTSYVEPGSGPFSESTITISLYIPSEQQFDPP
RPLESDVFIEDRAEMTVFVRSFDGFSSAQKNQEQLLTLASILREDGKVFDEKVVYTAGYN
SPVKLLNRNNEVWLIQKNEPTKENE

>sp|P08247|SYPH_HUMAN Synaptophysin OS=Homo sapiens OX=9606 GN=SYP
PE=1 SV=3

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TESDLSIEVEFEYPPFRLHQVYFDAPTCRGGTTKVFLVGDYSSSAEFFVTAVFAFLYSMG
ALATYIFLQNKYRENNKGPMFLDFLATAVFAFMWLVSSSAWAKGLSDVKMATDPENIIKEM
PVCRTGTNTCKELRDPVTSGLNTSVVFGFLNLVLWVGNLWVVFKETGWAAPFLRAPPGAP
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GPQGAPTSFSNQM

>sp|O95782|AP2A1_HUMAN AP-2 complex subunit alpha-1 OS=Homo
sapiens OX=9606 GN=AP2A1 PE=1 SV=3

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ASRNPTFMCLALHCIAVNGSREMGEAFAADIPRILVAGDSMDSVKQSAALCLLRLYKASP
DLVPMGEWTARVVHLLNDQHMGVVTAASLITCLCKKNPDDFKTCVSLAVSRLSRIVSSA
STDLDYTYFYFVPAPWLSVKLLRLLQCYPPEDAAVKGRLECELETVLNKAQEPKSKKV
QHSNAKNAILFETISLIHYDSEPNLLVRACNQLGQFLQHRETNLRYLALESMTLASSE
FSHEAVKTHIDTVINALKTERDVSVRQRAADLLYAMCDRSNAKQIVSEMLRYLETADYAI
REEIVLKVAILAEKYAVDYSWYVDTILNLIRIAGDYVSEEVWYRVLQIVTNRDDVQGYAA
KTVFEALQAPACHENMVKVGYYILGEFGNLIAGDPRSSPPVQFSLHLSKFHLCSVATRAL
LLSTYIKFINLFPETKATIQQVLRAGSQLRNADVELQQRAVEYLTLSVASTDVLATVLE
EMPPFPERESSILAKLKRKKGPGAGSALDDGRDPSSNDINGGMEPTPSTVSTPSPSADL
LGLRAAPPPAAPPASAGAGNLLVDVFDGPAAQPSLGPTPEEAFLSELEPPAPESPMALLA
DPAPAADPGPEDIGPPIPEADELLNKFCVCKNNGVLFENQLLQIGVKSEFRQNLGRMYLFY
GNKTSVQFQNFSPVTVHVGDLQTLAVQTKRVAAQVDGGAQVQVVLNIECLRDFTLPPLL
SVRFYRGGAPQALTCLKLPVTINKFFQPTEMAAQDFFQRWKQLSLPQQEAQKIFKANHPMD
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SKEPVSRLCELLAQGF

>sp|O94973|AP2A2_HUMAN AP-2 complex subunit alpha-2 OS=Homo
sapiens OX=9606 GN=AP2A2 PE=1 SV=2

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ASRNPTFMGLALHCIAVSGSREMAEAFAGEIPKVLVAGDTMDSVKQSAALCLLRLYRTSP
DLVPMGDWTSRVVHLLNDQHLGVVTAATSLITTLAQKNPEEFKTSVSLAVSRLSRIVTSA
STDLDYTYFYFVPAPWLSVKLLRLLQCYPPEPAVRGRLTECLELILNKAQEPKSKKVQ
HSNAKNAVLFEAISLIHHDSEPNLLVRACNQLGQFLQHRETNLRYLALESMTLASSEF
SHEAVKTHIETVINALKTERDVSVRQRAVDLLYAMCDRSNAPQIVAEMLSYLETADYSIR
EEIVLKVAILAEKYAVDYTWYVDTILNLIRIAGDYVSEEVWYRVIQIVINRDDVQGYAAK
TVFEALQAPACHENLVKVGYYILGEFGNLIAGDPRSSPLIQFHLHLSKFHLCSVPTRALL
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LLGLGAAPPAPAGPPSSGGSGLLVDVFSASVAPLAPGSEDNFARFVCKNNGVLFEN
QLLQIGLKSEFRQNLGRMFIFYGNKTSTQFLNFTPTLICSDDLQPNLNLQTKPVDPTVEG
GAQVQVQVNIIECVSDFTEAPVLNIQFRYGGTFQNVSVQLPITLNKFFQPTEMASQDFFQR
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>sp|Q16555|DPYL2_HUMAN Dihydropyrimidinase-related protein 2
OS=Homo sapiens OX=9606 GN=DPYSL2 PE=1 SV=1

MSYQGKKNI PRITSDRLLIKGGKIVNDDQS FYADIY MEDGLIKQIGENLIVPGGVKTIEA
H SRMVI PGGIDVHTRFQMPDQGMTSADDDFFQGT KAALAGGTTMIIDHV VPEPGTSLLA AF
DQWREWADSKSCCDYSLHVDISEWHKGIQEEMEALVKDHGVNSFLVYMAFKDRFQLTDCQ
IYEVL SVIRDIGAIAQVHAENGDI IAEEQQRILDLGITGPEGHVLSRPEEVEAEAVNRAI
TIANQTNCPLYITKVMSKSSAEVIAQARKKGT VVYGE PITASLGT DGSHYWSKNWAKAAA
FVTSPPLSPDPTTPDFLNSLLSCGDLQVTGSAHCTFNTAQKAVGKDNFTLIPEGTNGTEE
RMSVIWDKAVVTGKMDENQFVAVTSTNAAKVFNLYPRKGRIAVGSDADLVIWDPDSVKT I
SAKTHNSSLEYNIFEGMECRGSPLVVISQ GKIVLEDGTLHVTEGSGRYIPRKPFDPDFVYK
RIKARSRLAELRGVPRGLYDGPVCEVSVTPKTVTPASSAKTSPAKQQAPPVRNLHQSGFS
LSGAQIDDNI PRRTTQRIVAPPGGRANITSLG

>sp|Q14194|DPYL1_HUMAN Dihydropyrimidinase-related protein 1
OS=Homo sapiens OX=9606 GN=CRMP1 PE=1 SV=1

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NGRMVIPGGIDVNTYLQKPSQGMTAADDDFFQGT RAALVGGTTMIIDHV VPEPGSSLLTSF
EKWHEAADTKSCCDYSLHVDITSWYDGVREELEV LVQDKGVNSFQVY MAYKDVYQMSDSQ
LYEAFTFLKGLGAVILVHAENGDLIAQE QKRILEMGITGPEGHALSRPEELEAEAVFRAI
TIAGRINCPVYITKVMSKSAADIIALARKKGPLVFGEPIAASLGT DGTHYWSKNWAKAAA
FVTSPPLSPDPTTPDYLTSLACGDLQVTGSGHCPYSTAQKAVGKDNFTLIPEGVNGIEE
RMTVVWDKAVATGKMDENQFVAVTSTNAAKIFNLYPRKGRIAVGSDADVVIWDPDKLKT I
TAKSHKSAVEYNIFEGMECHGSPLVVISQ GKIVFEDGNINVNKG MGRFIPRKAFPEHLYQ
RVKIRNKVFGLQGVSRGMYDGPVYEV PATPKYATPAPS AKSSPSKHQPPPIRNLHQSNFS
LSGAQIDDNNPRRTGHRIVAPPGGRSNITSLG

>sp|P62851|RS25_HUMAN 40S ribosomal protein S25 OS=Homo sapiens
OX=9606 GN=RPS25 PE=1 SV=1

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EVPNYKLITPAVVSERLKIRGSLARAALQELLSKGLIKLVSKHRAQVIYTRNTKGGDAPA
AGEDA

>sp|Q9H0E2|TOLIP_HUMAN Toll-interacting protein OS=Homo sapiens
OX=9606 GN=TOLLIP PE=1 SV=1

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QAKLAKNYGMTRMDPYCRLRLGYAVYETPTAHNGAKNPRWNKVIHCTVPPGVDSFYLEIF
DERAFSMDRIA WTHITIPESLRQ GKVEDKWYSLSGRQGD DKEGMINLVMSYALLPAAMV
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>sp|P29034|S10A2_HUMAN Protein S100-A2 OS=Homo sapiens OX=9606
GN=S100A2 PE=1 SV=3

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GSLDENS DQQVDFQEYAVFLALITVMCNDFFQGC PDRP

>sp|Q9H4A4|AMPB_HUMAN Aminopeptidase B OS=Homo sapiens OX=9606
GN=RNPEP PE=1 SV=2

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ALCVSFPQPCRAAERLQVLLTYRVGEGPGVCWLAP EQTAGKKKPFVYTQ GQAVLNRAFFP
CFDTPAVKYKYSALIEVPDGF TAVMSASTWEKRGPNKFFFQMCQPIPSYLIALAIGDLVS
AEVGPRSRVWAEPC LIDAAKEEYNGVIEEFLATGEKLF GPYVWGRYDLLFMPPSF PFGGM
ENPCLTFVTPCLLAGDRSLADVIIHEISHSWFGNLVTNANWGEFWLNEGFTMYAQRRIST
ILFGAAYTCLEAATGRALLRQHMDITGEENPLNKL RVKIEPGVDPDDTYNETPYEKGFCF

VSYLAHLVGDQDQFDSFLKAYVHEFKFRSILADDFLDYLEYFPELKKKRVDIIPGFEFD
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 KILQKSPLPPGNVKKLGDTPSISNARNAELRLRWGQIVLKNHQEDFWKVKEFLHNQGK
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 >sp|P17980|PRS6A_HUMAN 26S proteasome regulatory subunit 6A
 OS=Homo sapiens OX=9606 GN=PSMC3 PE=1 SV=3
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 RVTHELQAMKDKIKENSEKIKVNKTLPLYLSNVIELLDVDPNDQEEDGANIDLDSQRKKG
 CAVIKTSTRQTYFLPVIGLVDAEKLKPGDLVGVNKSYSYILETLPTTEYDSRVKAMEVDER
 PTEQYSDIGGLDKQIQELVEAIVLPMNHKEKFENLGIQPPKGVLMYGPPGTGKTLLARAC
 AAQTKATFLKLAGPQLVQMFIDGAKLVRFDAFALAKEKAPSIIFIDELDAIGTKRFDSEK
 AGDREVQRTMLELLNQLDGFQPNQVKVIAATNRVDILDPALLRSGRLDRKIEFPMPNEE
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 MEGILEVQAKKKANLQYYA
 >sp|Q9NZD1|GPC5D_HUMAN G-protein coupled receptor family C group
 5 member D OS=Homo sapiens OX=9606 GN=GPRC5D PE=1 SV=1
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 VVCIALVTNAWVFLLLYIVPELCILYRSCRQECPLQGNACPVTAYQHSFQVENQELSRAR
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 >sp|Q86VP6|CAND1_HUMAN Cullin-associated NEDD8-dissociated
 protein 1 OS=Homo sapiens OX=9606 GN=CAND1 PE=1 SV=2
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 VSTRHEMLPEFYKTVSPALISRFREREENVKADVHFAYLSLLKQTRPVQSWLCDPDAMEQ
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 NVRRVALVTFNSAAHNKPSLIRDLLDTVLPHLYNETKVRKELIREVEMGPFKHTVDDGLD
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 QISSNPELAAIFESI QKDSSTNLESMDTS
 >sp|Q96S97|MYADM_HUMAN Myeloid-associated differentiation marker
 OS=Homo sapiens OX=9606 GN=MYADM PE=1 SV=2

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 TFFVACIIFAFISDPNLYQHQPALWCVAVYAICFILAAIAILLNLGECTNVLPPIFPFSFL
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>sp|P04632|CPNS1_HUMAN Calpain small subunit 1 OS=Homo sapiens
 OX=9606 GN=CAPNS1 PE=1 SV=1
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>sp|Q8TF09|DLRB2_HUMAN Dynein light chain roadblock-type 2 OS=Homo
 sapiens OX=9606 GN=DYNLRB2 PE=1 SV=1
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>sp|Q9NP97|DLRB1_HUMAN Dynein light chain roadblock-type 1 OS=Homo
 sapiens OX=9606 GN=DYNLRB1 PE=1 SV=3
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>sp|P52272|HNRPM_HUMAN Heterogeneous nuclear ribonucleoprotein M
 OS=Homo sapiens OX=9606 GN=HNRNPM PE=1 SV=3
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 FEPYANPTKRYRAFITNIPFDVKWQSLKDLVKEKVGEVTYVELLMDAEGKSRGCAVVEFK
 MEESMKKAAEVLNKHSLSGRPLKVKEPDGEHARRAMQKVMATTTGGMGMGPGGPGMITIP
 PSILNNPNIPNEIIHALQAGRLGSTVFVANLDYKVGWKKLKEVFSMAGVVVRADILEDKD
 GKSRGIGTVTFEQSIEAVQAISMFGQLLFDRPMHVKMDERALPKGDFFPPEPQQPLPHG
 LGGIGMGLGPGGQPIDANHLNKGIGMGNIIPAGMGMEGIGFGINKMGGMEGPFGGGMENM
 GRFGSGMNMGRINEILSNALKRGEIIAKQGGGGGGGSGVPGIERMGPIDRLGGAGMERMG
 AGLGHGMDRVGSEIERMGLVMDRMGSVERMGSGIERMGLPLGLDHMASSIERMGQTMERIG
 SGVERMGAGMGFGLERMAAPIDRVGQTIERMGSGVERMGPAIERMGLSMERMVPAGMGAG
 LERMGPVMDRMATGLERMGANNLERMGLERMGANSLERMGLERMGANSLERMGPAMGPAL
 GAGIERMGLAMGGGGGASFDRAIEMERGNFGGSFAGSFGGAGGHAPGVARKACQIFVRNL
 PFDFTWKMLKDKFNECGHVLYADIKMENGKSKGCGVVKFESPEVAERACRMMNGMKLSGR
 EIDVRIDRNA

>sp|P41091|IF2G_HUMAN Eukaryotic translation initiation factor 2
 subunit 3 OS=Homo sapiens OX=9606 GN=EIF2S3 PE=1 SV=3
 MAGGEAGVTLGQPHLSRQDLTTLDVTKLTPLSHEVISRQATINIGTIGHVAHGKSTVVKA
 ISGVHTVRFKNELEARNITIKLGYANAKIYKLLDDPSCPRPECYRSCGSSTPDEFPTDIPGT
 KGNFKLVRHVSFVDCPGHDILMATMLNGAAVMDAALLLIAGNESCPQPQTSEHLAAIEIM
 KLKHILILQNKIDLVKESQAKEQYEQILAFVQGTVAEGAPIIPISAQLKYNIEVVCEYIV
 KKIPVPPRDFITSEPRILIVIRSFVKNKPGCEVDDLKGGVAGGSILKGVLVKGQIEIEVRPGI
 VSKDSEGKLMCKPIFSKIVSLFAEHNDLQYAAPGGLIGVGTKIDPTLCRADRMVGQVLGA
 VGALPEIFTELEISYFLLRLLGVRTEGDKKAQVQKLSKNEVLMVNIGSLSTGGRVSAV
 KADLGKIVLTNPVCTEVGEKIALSRVEKHWRLLIGWGQIRRGVTIKPTVDDD

>sp|P61764|STXB1_HUMAN Syntaxin-binding protein 1 OS=Homo sapiens
OX=9606 GN=STXBP1 PE=1 SV=1
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SPVLHELTFQAMSYDLLPIENDVYKYETSGIGEARVKEVLLDEDDDLWIALRHKHIAEVS
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IIKDIMEDTIEDKLDTKHYPYISTRSSASFSTTAVSARYGHHKKNKAPGEYRSGPRLIIF
ILGGVSLNEMRCAYEVTQANGKWEVLIGSTHILTPQKLLDTLKKLNKTDEEISS

>sp|P62854|RS26_HUMAN 40S ribosomal protein S26 OS=Homo sapiens
OX=9606 GN=RPS26 PE=1 SV=3
MTKKRRNNGRAKKGRGHVQPIRCTNCARCVPKDKAIKKFVIRNIVEAAAVRDISEASVFD
AYVLPKLYVKLHYCVSCAIHISKVVRNRSREARKDRTPPPRFRPAGAAPRPPPKPM

>sp|Q5JNZ5|RS26L_HUMAN Putative 40S ribosomal protein S26-like 1
OS=Homo sapiens OX=9606 GN=RPS26P11 PE=5 SV=1
MTKKRRNNSHAKKGRGHVQPIRCTNCVRCVPTDKAIKKFVIRNIVEAAAVRDISEVSVFD
AYVLPKLYVKLHYCVSCAIHISKVVRNRSREACKDRTPPPRFRPAGAAPRPPPKPM

>sp|P31942|HNRH3_HUMAN Heterogeneous nuclear ribonucleoprotein H3
OS=Homo sapiens OX=9606 GN=HNRNP3 PE=1 SV=2
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YGGAGDASSGFHGGHFVHMRGLPFRATENDIANFFSPLNPIRVHIDIGADGRATGEADVE
FVTHEDAVAAMSKDKNNMQHRYIELFLNSTPGGGSGMGGSGMGGYGRDGMNDQGGYGSVG
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>sp|P29692|EF1D_HUMAN Elongation factor 1-delta OS=Homo sapiens
OX=9606 GN=EEF1D PE=1 SV=5
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LAGSSGPGASSGTSGDHGELVVRIASLEVENQSLRGVVQELQQAISKLEARLNVLEKSSP
GHRATAPQTQHVSPMRQVEPPAKKPATPAEDDEDDDDIDLFGSDNEEEDKEAAQLREERLR
QYAEKKAKK PALVAKSSILLDVKPWDDETDMAQLEACVRSIQLDGLVWGASKLPVPGYGI
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>sp|Q3ZCW2|LEGL_HUMAN Galectin-related protein OS=Homo sapiens
OX=9606 GN=LGALS1 PE=1 SV=2
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DLNPESFAISLTCGDSSEDPADVAIELKAVFTDRQLLRNSCISGERGEEQSAIPYFPFIP
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>sp|P53396|ACLY_HUMAN ATP-citrate synthase OS=Homo sapiens OX=9606
GN=ACLY PE=1 SV=3
MSAKAISEQTGKELLYKFICTTSAIQNRFKYARVTPD TDWARLLQDHPWLLSQNLVVKPD
QLIKRRGKLGVLGVNLTLDGVKSWLKPRLGQEATVGKATGFLKNFLIEFPVPHSQAEFFY
VCIYATREGDYVLFHHEGGVDVGDVDAKAQKLLGVGDEKLN PEDIKKHLLVHAPEDKKEI
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PFGREAYPEEAYIADLDAKSGASLKLTLNPKGRIWTMVAGGGASVVYSDTICDLGGVNE

LANYGEYSGAPSEQQTYDYAKTILSLMTREKHPDGKILIIIGGSIANFTNVAATFKGIVRA
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SPRSLQGKSTTLFSRHTKAIVWGMQTRAVQGMLDFDYVCSRDEPSVAAMVYPFTGDHKQK
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GTEYKICRGIKEGRLTKPIVCWCIGTCATMFSSEVQFGHAGACANQASETAVAKNQALK
EAGVFVPRSFDELGEIIQSVYEDLVANGVIVPAQEVPPPTVPMDYSWARELGLIRKPASF
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GPAVSGAHNTIICARAGKDLVSSLTSGLLTIGDRFGGALDAAKMFSAFDSGIIPMEFV
NKMKEGKLIMGIGHRVKSINNPDMRVQILKDYVRQHFPATPLLDYALEVEKITTSKKPN
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>sp|P46976|GLYG_HUMAN Glycogenin-1 OS=Homo sapiens OX=9606 GN=GYG1
PE=1 SV=4

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SAAPDPGWPD CFNSGVFVYQPSVETYNQLLHLASEQGSFDGGDQGILNTFFSSWATTDIR
KHL PFIYNLSSISISIYSLPAFKVFGASAKVVHFLGRVKPWN YTYDPKTKSVKSEAHDPNM
THPEFLILWWNIFFTNNVLP LLQQFGLVKDTC SYVNVLSDLVYTLAFSCGFCRKEDVSGAI
SHLSLGEIPAMAQPFVSSEERKERWEQGQADYMGADSFDNIKRKLD TYLQ

>sp|P30838|AL3A1_HUMAN Aldehyde dehydrogenase, dimeric NADP-
preferring OS=Homo sapiens OX=9606 GN=ALDH3A1 PE=1 SV=3

MSKISEAVKRRAAFSSGRTRPLQFRIQQLEALQRLIQEQELVGALAADLHKNEWNAY
YEEVVYVLEEIEYMIQKLPEWAADEPVEKTPQTQQDELYIHSEPLGVVLVIGTWNYPFNL
TIQPMVGAI AAGNSVVLKPSELSENMA SLLATIIPQYLDKDLYPVINGGV PETTELLKER
FDHILYTGSTGVGKIIMTAAAKHLTPVTLELGGKSPCYVDKNCDL DVACRRIAWGKFMNS
GQTCVAPDYILCDPSIQNQIVEK LKKS LKEFYGEDAKKSRDYGRIISARHFQ RVMGLIEG
QKVAYGGTGDAATRYIAPTILTDVDPQSPVMQEEIFGPVLP IVCVRSLEEAIQFINQREK
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>sp|P62847|RS24_HUMAN 40S ribosomal protein S24 OS=Homo sapiens
OX=9606 GN=RPS24 PE=1 SV=1

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RTHFGGGKTTGFGMIYDSL DYAKKNEPKHRLARHGLYEKKKTSRKQRKERKNRMKKVRGT
AKANVGAGKKPKE

>sp|P53618|COPB_HUMAN Coatomer subunit beta OS=Homo sapiens
OX=9606 GN=COPB1 PE=1 SV=3

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TIIRFVLPLQDHTIKKLLLVFWEIVPKTTPDGRLLHEMILVCDAYRKDLQHPNEFIRGST
LRFLCKLKEAEELLEPLMPAIRACLEHRHSYVRNAVLA IYTIYRNFEHLIPDAPELIHDF
LVNEKDASCKRNAFMMLIHADQDRALDYLSTCIDQVQTFGDILQLVIVELIYKVCHANPS
ERARFIRCIYNLLQSSSPAVKYEAAGTLVTLSSAPTAIKAAAQCYIDLIIKESDNNVKLI
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 PKKPITDDDDVDRISLCLKVLSECSPLMNDIFNKECRQSLSHMLSAKLEEEKLSQKKESEK
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 DFANIKANVKVASTENGIIFGNIVYDVSGAASDRNCVVLSDIHIDIMDYIQPATCTDAEF
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 FGEDALANVSIEKPIHQGPDAAVTGHIRIRAKSQGMALSLGDKINLSQKKTISI
 >sp|O00231|PSD11_HUMAN 26S proteasome non-ATPase regulatory
 subunit 11 OS=Homo sapiens OX=9606 GN=PSMD11 PE=1 SV=3
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 DFEKALTDYRAELRDDPIISTHLAKLYDNLLEQNLIIRVIEPFSRVQIEHISSLIKLSKAD
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 LT
 >sp|Q8NEX9|DR9C7_HUMAN Short-chain dehydrogenase/reductase family
 9C member 7 OS=Homo sapiens OX=9606 GN=SDR9C7 PE=1 SV=1
 MAALTDLSFMYRWFKNLNLVGNLSEKYVFITGCDSGFGNLLAKQLVDRGMQVLAACFTEE
 GSQKLQRDTSYRLQTTLLDVTKSESIAAAQWVRDKVGEQGLWALVNNAGVGLPSGPNEW
 LTKDDFVKVINVLVGLIEVTLHMLPMVKRARGRVNMSSSGGRVAVIGGGYCVSKFGVE
 AFSDSIRRELYYFGVKVCIIEPGNYRTAILGKENLESRMKRLWERLPQETRDSYGEDYFR
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 >sp|Q15365|PCBP1_HUMAN Poly(rC)-binding protein 1 OS=Homo sapiens
 OX=9606 GN=PCBP1 PE=1 SV=2
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 >sp|Q01813|PFKAP_HUMAN ATP-dependent 6-phosphofructokinase,
 platelet type OS=Homo sapiens OX=9606 GN=PFKP PE=1 SV=2
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 TDMTIGTDSALHRIIEVVDAIMTTAQSHQRTFVLEVMGRHCGYLALVSALACGADWVFLP
 ESPPEEGWEEQMCVKLSENRAKKRLNIIIVAEGAIDTQNKPIITSEKIKELVVTQLGYDT
 RVTILGHVQRRGTPSAFDRILASRMGVEAVIALLEATPDTPACVVS LN GNHAVRLPLMEC
 VQMTQDVQKAMDERRFQDAVRLRGRSFAGNLNTYKRLAIKLPDDQIPKTNCNVAVINVGA
 PAAGMNAAVRSRAVRVGIADGHRMLAIYDGFDFGFAKGQIKEIGWTDVGGWTGQGGSI LGTK
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 NNVP GSDFSIGADTALNTITDTCRIKQSASGTKRRVFI IETMGGYCGYLANMGGLAAGA
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VFDCRKNVLGHMQGGAPSPFDRNFGTKISARAMEWITAKLKEARGRGKKFTTDDSI
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 PWSV
 >sp|Q9BRX8|PXL2A_HUMAN Peroxiredoxin-like 2A OS=Homo sapiens
 OX=9606 GN=PRXL2A PE=1 SV=3
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 PRTFKAKELWEKNGAVIMAVRRPGCFLCREEAADLSSLKSM LDQLGVPLYAVVKEHIRTE
 VKDFQPYFKGEIFLDEKKKFYGPQRRKMMFMGFIRLGVWYNFFRAWNGGFSGNLEGE
 GFI LGGVFVVGSGKQGILLEHREKEFGDKVNLLSVLEAAKMIKPQTLASEKK
 >sp|P00367|DHE3_HUMAN Glutamate dehydrogenase 1, mitochondrial
 OS=Homo sapiens OX=9606 GN=GLUD1 PE=1 SV=2
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 GAKAGVKINPKNYTDNELEKITRRFTMELAKKGF IGPGIDVPAPDMSTGEREMSWIADTY
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 NIMVIPDLYLNAGGVTVSYFEWLKNLNHVS YGRLTFKYERDSNYHLLMSVQESLERKFGK
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 NAIEKVFKVYNEAGVTFT
 >sp|P49448|DHE4_HUMAN Glutamate dehydrogenase 2, mitochondrial
 OS=Homo sapiens OX=9606 GN=GLUD2 PE=1 SV=2
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 >sp|Q12965|MYO1E_HUMAN Unconventional myosin-Ie OS=Homo sapiens
 OX=9606 GN=MYO1E PE=1 SV=2
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>sp|O00160|MYO1F_HUMAN Unconventional myosin-If OS=Homo sapiens
 OX=9606 GN=MYO1F PE=1 SV=3

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 LAVLKVGGRTLTVSVGDGLPKSSKPTRKGMAKGKPRRSSQAPTRAAPAPPRGMDRNGVPP
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>sp|P0DUB6|AMY1A_HUMAN Alpha-amylase 1A OS=Homo sapiens OX=9606
 GN=AMY1A PE=1 SV=1

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OS=Homo sapiens OX=9606 GN=PLB1 PE=1 SV=3

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>sp|Q8N442|GUF1_HUMAN Translation factor GUF1, mitochondrial
 OS=Homo sapiens OX=9606 GN=GUF1 PE=1 SV=1
 MWTLVGRGWGCARALAPRATGAALLVAPGPRSAPTLGAAPESWATDRLYSSAEFKEKLDM

SRFPVENIRNFSIVAHVDHGKSTLADRLELTGTIDKTKNNKQVLDDKLQVERERGITVKA
QTASLFYNCEGKQYLLNLIDTPGHVDFSIEVSRSLSACQGVLLVVDANEGIQAQTVANFF
LAFEAQLSVIPVINKIDLKNADPERVENQIEKVFDIPSECIKISAKLGTNVESVLQAI I
ERIPPPKVHRKNPLRALVFDSTFDQYRGVIANVALFDGVVSKGDKIVSAHTQKTYEVNEV
GVLNPNEQPTHKLYAGQVGYLIAGMKDVTAEQIGDTLCLHKQPVEPLPGFKSAKPMVFAG
MYPLDQSEYNNLKS AIEKLT LNDSSVTVHRDSSLALGAGWRLGFLGLLHMEVFNQRLEQE
YNASVILTTPTVPYKAVLSSSKLIKEHREKEITIINPAQFPDKSKVTEYLEPVLGTIIT
PDEYTGKIMMLCEARRAVQKNMIFIDQNRVMLKYLFP LNEIVVDFYDSLKSLSSGYASF
YEDAGYQTAELVKMDILLNGNTVEELVTVVHKDKAHSIGKAICERLKDSLPRQLFEIAIQ
AAIGSKIIARETVKAYRKNVLAKCYGGDITRKMKLLKRQAEGKKLRKIGNVEVPKDAFI
KVLKTQSSK

>sp|P22234|PUR6_HUMAN Bifunctional phosphoribosylaminoimidazole
carboxylase/phosphoribosylaminoimidazole succinocarboxamide
synthetase OS=Homo sapiens OX=9606 GN=PAICS PE=1 SV=3
MATAEVLNIGKKLYEGKTKEVYELLDSPGKVLLQSKDQITAGNAARKNHLEGKAAISNKI
TSCIFQLLQEAGIKTAFTRKCGETAFTAPQCEMPIEWVCRIATGSFLKRNPVKEGYK
FYPPKVELFFKDDANNDPQWSEEQLIAAKFCFAGLLIGQTEVDIMSHATQAI FEILEKSW
LPQNCTLVDMKIEFGVDVTTKEIVLADVIDNDSWRLWPSGDRSQQKDKQSYRDLKEVTPE
GLQMVKKNF EWVAERVELLLKSESQCRVVLMGSTSDLGHCEKIKKACGNFGIPCELRT
SAHKGPDETLRIKAEYEGDIPTVFVAVAGRSNGLGPVMSGNTAYPVISCPPLTPDWGVQ
DVWSSLRLPSGLGCSTVLSPEGSQAQFAAQIFGLSNHLVWSKLRASILNTWISLKQADKKI
RECNL

>sp|P28072|PSB6_HUMAN Proteasome subunit beta type-6 OS=Homo
sapiens OX=9606 GN=PSMB6 PE=1 SV=4

MAATLLAARGAGPAPAWGPEAFTP DWESREVSTGTTIMAVQFDGGVVLGADSRTTTSYI
ANRVTDKLTPIHDRIFFCCRS GSAADTQAVADAVTYQLGFHSIELNEPPLVHTAASLFKEM
CYRYREDLMAGII IAGWDPQEGGQVYSVPMGGMMVRQSFAIGGSGSSYIYGYVDATYREG
MTKEECLQFTANALALAMERDGSSGGVIRLAAIAESGVERQVLLGDQIPKF AVATLPPA

>sp|P04844|RPN2_HUMAN Dolichyl-diphosphooligosaccharide--protein
glycosyltransferase subunit 2 OS=Homo sapiens OX=9606 GN=RPN2 PE=1
SV=3

MAPPGSSTVFLLALTIIASTWALTPTHYLT KHDVERLKASLDRPFTNLES AFYSIVGLSS
LGAQVPDAKKACTYIRSNLDPSNVDSL FYAAQASQALSGCEISISNETKDLLLA AVSEDS
SVTQIYHAVAALSGFGLPLASQEALSALTARLSKEETVLATVQALQTASHLSQQADLR SI
VEEIEDLVARLDELGGVYLQFEEGLETTALFVAATYKLM DHVGT EPSIKEDQVIQLMNAI
FSKKNFESLSEAFSVASAAVLSHNR YHVPVVVPEGSASD THEQA IRLQVTNVLSQPL
TQATVKLEHAKSVASRATVLQKTSFTPVGDVFELNFMNVKFSSGY YDFLVEVEGDNR YIA
NTVELRVKISTEVGITNVDLSTVDKDQSIAPKTTRVTYPAKAKGTFIADSHQNFALFFQL
VDVNTGAELTPHQTFVRLHNQKTGQEVVFVAEPDNKNVYKFELDTSERKIEFDSASGTYT
LYLIIGDATLKNPILWNVADVVIKFPEEEAPSTVLSQNLFTP KQEIQH LFREPEKR PPTV
VSNTFTALILSPLLLL FALWIRIGANVSNTFAPSTII FHLGHAAMLGLMYVYWTQLNMF
QTLKYLA ILSVTFLAGNRMLAQQAVKRTAH

>sp|P62266|RS23_HUMAN 40S ribosomal protein S23 OS=Homo sapiens
OX=9606 GN=RPS23 PE=1 SV=3

MGKCRGLRTARKLRSHRRDQKWHDKQYKKAHLGTALKANPFGGASHAKGIVLEKVGVEAK
QPNSAIRKCVRVQLIKNGKKITAFVPNDGCLNFIEENDEVLVAGFGRKGHAVGDIPGVRF
KVVKVANVSL LALYKGKKERPRS

>sp|P17900|SAP3_HUMAN Ganglioside GM2 activator OS=Homo sapiens
OX=9606 GN=GM2A PE=1 SV=4
MQSLMQAPLLIALGLLLAAPAQAHLKKPSQLSSFSWDNCDEGKDPVIRSLTLEPDPIIV
PGNVTLSVMGSTSVPLSSPLKVDLVLEKEVAGLWIKIPCTDYIGSCTFEHFCDVLDMLIP
TGEPCEPEPLRTYGLPCHCPFKEGTYSPLKSEFVVPDLELPSWLTTGNYRIESVLSSSGKR
LGCIIKIAASLKG I

>sp|P63000|RAC1_HUMAN Ras-related C3 botulinum toxin substrate 1
OS=Homo sapiens OX=9606 GN=RAC1 PE=1 SV=1
MQAIKCVVVG DGAVGKTCLLISYTTNAFPGEYIPTVFDNYSANVMVDGKPVNLGLWDTAG
QEDYDRLRPLSY PQTDVFLICFSLVSPASFENVRKWPYEVRRHHCNTPPIILVGTKLDLR
DDKDTIEKLKEKKLTPI TYPQGLAMAKEIGAVKYLECSALTQRGLKTVFDEAIRAVLCPP
PVKKRKRKCLL

>sp|P30408|T4S1_HUMAN Transmembrane 4 L6 family member 1 OS=Homo
sapiens OX=9606 GN=TM4SF1 PE=1 SV=1
MCYGKCARCIGHSLVGLALLCIAANILLYFPNGETKYASENHLSRFVWFFSGIVGGGLLM
LLPAFVFIGLEQDDCCGCCGHENCGKRCAMLSSVLAALIGIAGSGYCVIVAALGLAEGPL
CLDSLQWNYTFASTEGQYLLDTSTWSECTEPKHIVEWNVSLFSILLALGGIEFILCLIQ
VINGVLGGICGFCCSHQQQYDC

>sp|P61077|UB2D3_HUMAN Ubiquitin-conjugating enzyme E2 D3 OS=Homo
sapiens OX=9606 GN=UBE2D3 PE=1 SV=1
MALKRINKELSDLARDPPAQCSAGPVGDDMFHWQATIMGPNDSPYQGGVFFLTIHFPTDY
PFFKPPKVAFTTRIYHPNINSNGSICLDILRSQWSPALTISKVLLSICSLLCDPNPDDPLV
PEIARIYKTD RDKYNRISREWTQKYAM

>sp|P62837|UB2D2_HUMAN Ubiquitin-conjugating enzyme E2 D2 OS=Homo
sapiens OX=9606 GN=UBE2D2 PE=1 SV=1
MALKRIHKELNDLARDPPAQCSAGPVGDDMFHWQATIMGPNDSPYQGGVFFLTIHFPTDY
PFFKPPKVAFTTRIYHPNINSNGSICLDILRSQWSPALTISKVLLSICSLLCDPNPDDPLV
PEIARIYKTDREKYNRIAREWTQKYAM

>sp|A8MTJ3|GNAT3_HUMAN Guanine nucleotide-binding protein G(t)
subunit alpha-3 OS=Homo sapiens OX=9606 GN=GNAT3 PE=2 SV=2
MGSGISSESKEKSAKRKELEKKLQEDAERDARTVKLLLLGAGESGKSTIVKQMKIIHKNG
YSEQECMEFKAVIYSNTLQSILAIIVKAMTTLGIDYVNP R SAEDQRQLYAMANTLEDGGMT
PQLAEVIKRLWRDPGIQACFERASEYQLNDSAAYYLNDLDRITASGYVPNEQDVLHSRVK
TTGIIETQFSFKDLHFRMFDVGGQRSEKRWIHC FEGVTCII FCAALSAYDMVLVEDEEV
NRMHESLHLFNSICNHKYFSTTSIVLFLNKKDIFQEKVTKVHLSICFPEYTGPNTFEDAG
NYIKNQFLDLNLKKEDKEIYSHMTCATDTQNVKFVFDVAVTDIIKENLKD CGLF

>sp|P19087|GNAT2_HUMAN Guanine nucleotide-binding protein G(t)
subunit alpha-2 OS=Homo sapiens OX=9606 GN=GNAT2 PE=1 SV=4
MGSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIHQDG
YSPEECLEFKAIYGNVLQSILAIIRAMTTLGIDYAEPS CADDGRQLNNLADSIEEGTMP
PELVEVIRRLWKDGGVQACFERAAEYQLNDSASYLNQLERITDPEYLPSEQDVLRSRVK
TTGIIETKFSVKDLNFRMFDVGGQRSEKRWIHC FEGVTCII FCAALSAYDMVLVEDDEV
NRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEKIKKVHLSICFPEYDGNN SYDDAG
NYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKFVFDVAVTDIIKENLKD CGLF

>sp|P11488|GNAT1_HUMAN Guanine nucleotide-binding protein G(t)
subunit alpha-1 OS=Homo sapiens OX=9606 GN=GNAT1 PE=1 SV=5
MGAGASAEKHSRELEKKLKEDA EK DARTVKLLLLGAGESGKSTIVKQMKIIHQDGYSLE

ECLEFIAIIYGNTLQSI LAIVRAMTTLN IQYGDSARQDDARKLMHMADTIEEGTMPKEMS
DIIQRLWKDSGIQACFERASEYQLNDSAGYYLSDLERLVTPGYVPTEQDVLRSRVKTTGI
IETQFSFKDLNFRMFVGGQRSEKWKWIHCFEGVTCIIFIAALSAYDMVLVEDDEVNRMH
ESLHLFNSICNHRYFATT SIVLFLNKKDVFFFEKIKKAHLSICFPDYDGPNTYEDAGNYIK
VQFLELNMRDVK EIIYSHMTCATDTQNVKFVFDVTDII IKENLKD CGLF

>sp|P09471|GNAO_HUMAN Guanine nucleotide-binding protein G(o)
subunit alpha OS=Homo sapiens OX=9606 GN=GNAO1 PE=1 SV=4

MGCTLSAEERAALERSKAIEKNLKEDGISAAKDVKLLLLGAGESGKSTIVKQMKIIHEDG
FSGEDVKQYKPVVYSNTIQSLAAIVRAMDTLGIEYGDKERKADAKMVCDVVS MEDTEPF
SAELLSAMMRLWGDSGIQECFNRSREYQLNDSAKYYLDSLDRIGAADYQPT EQDILRTRV
KTTGIVETHFTFKNLHFRLFDVGGQRSEKWKWIHCFEDVTAIIFCVALS GYDQVLHEDET
TNRMHESLMLFDSICNNKFFIDTSIILFLNKKDLFG EKIKKSPLTICFPEYTG PNTYEDA
AA YIQAQFESKNRSPNKEIYCHMTCATDTNNIQVVFDAVTDII IANNLRGCGLY

>sp|Q5JWF2|GNAS1_HUMAN Guanine nucleotide-binding protein G(s)
subunit alpha isoforms XLas OS=Homo sapiens OX=9606 GN=GNAS PE=1
SV=2

MGVRNCLYGNNMSGQRDIPPEIGE QPEQP PLEAPGAAAPGAGPSPA EEMETEPPHNEPI P
VENDGEACGPPEVSRPNFQVLNPAFREAGAHGSYSPPPEEAMPFEAEQPSLGGFWPTLEQ
PGFPSGVHAGLEAFGPALMEPGA FSGARPGLGGYSPPPEEAMPFEFDQPAQRGCSQLLQ
VPDLAPGGPGAAGVPGAPPEEPQALRPAGSRGGYSPPPEETMPFELDGEFGDDSPPP
GLSRVIAQVDGSSQFAAVAASSAVRLTPAANAPLWVPGAIGSPSQEAVRPPSNFTGSSP
WMEISGPPFEIGSAPAGVDDTPVNMDSPPIALDGPPIKVSGAPDKRERAERPPVEEEAAE
MEGAADAAEGGKVPSPGYGSPAAGAASADTAARAAPAAPADPD SGATPEDPD SGTAPADP
DSGAFAADPD SGAAPAAPADPD SGAAPDAPADPD SGAAPDAPADPD AGAAPEAPAAPAAA
ETRAAHVAPAAPDAGAPTAPAASATRAAQVRRASAAPASGARRKIH LRPPSPEIQAADP
PTPRPTRASAWRGKSESSRGRRVYYDEGVASSDDSSGDESDDGTSGCLRWFQHRNRNR
RKPQRNLLRNFLVQAFGGCFGRSESPQPKASRSLKVKVPLAEKRRQMRKEALEKRAQKR
AEKKRSKLIDKQLQDEKMGYMCTHRLLLL GAGESGKSTIVKQMRILHVNGFN GEGGEEDP
QAARSNSDGEKATKVQDIKNNLKEAIETIVAAMSNLVPPVELANPENQFRVDYILSVMNV
PDFDFPPEFYEHAKALWEDEGVRACYERSNEYQLIDCAQYFLDKIDVIKQADYVPSDQDL
LRCRVLTSGIFETKFQVDKVNFMFDVGGQRDERRKWIQCFNDVTAIIFV VASSSYNMVI
REDNQTNRLQEALNLFKSIWNNRWLRTISVILFLNKQDLLAEKVL AGKSKIEDYFPEFAR
YTPPEDATPEPGEDPRVTRAKYFIRDEF LRISTASGDGRHYCYPHFTCAVD TENIRRVFN
DCRDIIQRMHLRQYELL

>sp|P63092|GNAS2_HUMAN Guanine nucleotide-binding protein G(s)
subunit alpha isoforms short OS=Homo sapiens OX=9606 GN=GNAS PE=1
SV=1

MGCLGNSKTEDQRNEEKAQREANKKIEKQLQKDKQVYRATHRLLLL GAGESGKSTIVKQM
RILHVNGFN GEGGEEDPQAARSNSDGEKATKVQDIKNNLKEAIETIVAAMSNLVPPVELA
NPENQFRVDYILSVMNVPDFDFPPEFYEHAKALWEDEGVRACYERSNEYQLIDCAQYFLD
KIDVIKQADYVPSDQDLLRCRVLTSGIFETKFQVDKVNFMFDVGGQRDERRKWIQCFND
VTAIIFV VASSSYNMVIREDNQTNRLQEALNLFKSIWNNRWLRTISVILFLNKQDLLAEK
VL AGKSKIEDYFPEFARYTTPEDATPEPGEDPRVTRAKYFIRDEF LRISTASGDGRHYC
PHFTCAVD TENIRRVFNDCRDIIQRMHLRQYELL

>sp|P38405|GNAL_HUMAN Guanine nucleotide-binding protein G(olf)
subunit alpha OS=Homo sapiens OX=9606 GN=GNAL PE=1 SV=1
MGCLGGNSKTTEDQGVDEKERREANKKIEKQLQKERLAYKATHRLLLL GAGESGKSTIVK

QMRILHVNGFNPEEKKQKILDIRKNVKDAIVTIVSAMSTIIPPVPLANPENQFRSDYIKS
IAPITDFEYSQEFFDHVKKLWDDEGVKACFERSNEYQLIDCAQYFLERIDSVSLVDYTP
DQDLLRCRVLTSGIFETRFQVDKVNFMFMDVGGQDERRKWIQCFNDVTAIYVAACSSY
NMVIREDNNTNRLRESLDLFESIWNNRWLRTISIIILFLNKQDMLAEKVLAKSKIEDYFP
EYANYTVPEDATPDAGEDPKVTRAKFFIRDLFLRISTATGDGKHICYPHFTCAVDTENIR
RVFNDCRDIIQRMHLKQYELL

>sp|P04899|GNAI2_HUMAN Guanine nucleotide-binding protein G(i)
subunit alpha-2 OS=Homo sapiens OX=9606 GN=GNAI2 PE=1 SV=3
MGCTVSAEDKAAERSKMIDKNLREDGEKAAREVKLLLLGAGESGKSTIVKQMKIIHEDG
YSEEECRQYRAVVYSNTIQSIMAIVKAMGNLQIDFADPSRADDARQLFALSCTAEEQGVL
PDDLSGVIRRLWADHGVQACFGRSREYQLNDSAAYYLNDLERIAQSDYIPTQQDVLRTRV
KTTGIVETHFTFKDLHFKMFMDVGGQRSEKRWIHCFEQVTAIIFCVALSDYDLVLADEDE
MNRMHESMKLFDSICNNKWFTDTSIIILFLNKKDLFEKIKHSPLTICFPEYTGANKYDEA
ASYIQSKFEDLNKRKDTKEIYTHFTCATDTKNVQFVFDVAVTDVVIKNNLKDCGLF

>sp|P63096|GNAI1_HUMAN Guanine nucleotide-binding protein G(i)
subunit alpha-1 OS=Homo sapiens OX=9606 GN=GNAI1 PE=1 SV=2
MGCTLSAEDKAAVERSKMIDRNLREDGEKAAREVKLLLLGAGESGKSTIVKQMKIIHEAG
YSEEECKQYKAVVYSNTIQSIIAIIRAMGRLKIDFGDSARADDARQLFVLGAAEEGFMT
AELAGVIKRLWKDSGVQACFNRSREYQLNDSAAYYLNDLDRIAQPNYIPTQQDVLRTRVK
TTGIVETHFTFKDLHFKMFMDVGGQRSEKRWIHCFEQVTAIIFCVALSDYDLVLADEDEM
NRMHESMKLFDSICNNKWFTDTSIIILFLNKKDLFEKIKHSPLTICYPEYAGSNTYEEAA
AYIQCFEDLNKRKDTKEIYTHFTCATDTKNVQFVFDVAVTDVVIKNNLKDCGLF

>sp|P08754|GNAI3_HUMAN Guanine nucleotide-binding protein G(i)
subunit alpha-3 OS=Homo sapiens OX=9606 GN=GNAI3 PE=1 SV=3
MGCTLSAEDKAAVERSKMIDRNLREDGEKAAREVKLLLLGAGESGKSTIVKQMKIIHEDG
YSEDECKQYKVVVYSNTIQSIIAIIRAMGRLKIDFGAARADDARQLFVLGSAEEGVMT
PELAGVIKRLWRDGGVQACFSRSREYQLNDSASYYLNDLDRISQSNYIPTQQDVLRTRVK
TTGIVETHFTFKDLYFKMFMDVGGQRSEKRWIHCFEQVTAIIFCVALSDYDLVLADEDEM
NRMHESMKLFDSICNNKWFTETSIIILFLNKKDLFEKIKRSPLTICYPEYTGNTYEEAA
AYIQCFEDLNRRKDTKEIYTHFTCATDTKNVQFVFDVAVTDVVIKNNLKECGLY

>sp|Q03113|GNA12_HUMAN Guanine nucleotide-binding protein subunit
alpha-12 OS=Homo sapiens OX=9606 GN=GNA12 PE=1 SV=4
MSGVVRTLRLCLLPAEAGGARERRAGSGARDAEREARRRSRDIDALLARERRAVRRLVKI
LLLGAGESGKSTFLKQMRIIHGREFDQKALLEFRDTIFDNILKGSRLVDARDKLGIPWQ
YSENEKHGMFLMAFENKAGLPVEPATFQLYVPALSALWRDSGIREAFSRSEFQLGESVK
YFLDNLDRIQQLNYFPSKQDILLARKATKGIVEHDFVIKKIPFKMVDVGGQRSQRQKWFQ
CFDGITSILFMVSSSEYDQVLMEDRRTNRLVESMNIFETIVNNKLFFNVSIILFLNKMDL
LVEKVKTVSIKKHFPDFRGDPHRLLEDVQRYLVQCFDRKRRNRSKPLFHHFTTAIDTENVR
FVFHAVKDTILQENLKDIMLQ

>sp|Q14344|GNA13_HUMAN Guanine nucleotide-binding protein subunit
alpha-13 OS=Homo sapiens OX=9606 GN=GNA13 PE=1 SV=2
MADFLPSRSVLSVCFPGCLLTSGEAEQQRKSKEIDKCLSREKTYVKRLVKILLGAGESG
KSTFLKQMRIIHGQDFDQARAREEFRPTIYSNVIKGMRVLVDAREKLHIPWGDNSNQHQD
KMMSFDTRAPMAAQGMVETRVFLQYLPALRALWADSGIQNAYDRRREFQLGESVKYFLDN
LDKLGEPDYIPSQQDILLARRPTKGIHEYDFEIKNVPFKMVDVGGQRSEKRWFECDVSV
TSILFLVSSSEFDQVLMEDRLTNRLTESLNIFETIVNNRVFSNVSIILFLNKTDLLEEKV
QIVSIKDYFLEFEGDPHCLRDVQKFLVECFRNKRRDQQQKPLYHHFTTAINTENIRLVFR

DVKDTILHDNLKQLMLQ

>sp|P48444|COPD_HUMAN Coatomer subunit delta OS=Homo sapiens
OX=9606 GN=ARCN1 PE=1 SV=1

MVLLAAAVCTKAGKAIVSRQFVEMTRTRIEGLLAAFPCLMNTGKQHTFVETESVRYVYQP
MEKLYMVLITTKNSNILEDLETLRLFSRVIPEYCRAL EENEISEHCFDLIFAFDEIVALG
YRENVNLAQIRTFTEMDSHEEKVFRVRETQEREAKAEMRRKAKELQQARRDAERQGGKA
PGFGGFGSSAVSGGSTAAMITETIIETDKPKVAPAPARPSGPSKALKLGAKGKEVDNFVD
KLKSEGETIMSSSMGKRTSEATKMHAPPINMESVHMKIEEKITLTCGRDGGGLQNMELHGM
IMLRISDDKYGRIRLHVENEDKKGVQLQTHPNVDKKLFTAESLIGLKNPEKSFVNSDVG
VLKWRQLQTTEESFIPLTINCWPSESGNGCDVNIEYELQEDNLELNDVVITIPLPSGVGAP
VIGEIDGEYRHDSSRRNTLEWCLPVIDAKNKSGSLEFSIAGQPNDFFPVQVSFVSKKNYCN
IQVTKVTQVDGNSPVRFSSTETTTFLVDKYEIL

>sp|P48735|IDHP_HUMAN Isocitrate dehydrogenase [NADP],
mitochondrial OS=Homo sapiens OX=9606 GN=IDH2 PE=1 SV=2

MAGYLRVVRSLCRASGSRPAWAPAALTAPTSQEQRPRHYADKRIKVAKPVVEMDGDDEMTR
IIWQFIKEKLILPHVDIQLKYFDLGLPNRDQTDQVTIDSALATQKYSVAVKCATITPDE
ARVEEFKLKKMWKSPNGTIRNII LGGTVFREPIICKNIPRLVPGWTKPITIGRHAHGDQYK
ATDFVADRAGTFKMVFTPKDGSVKEWEVYNFPAGGVGMGMYNTDESISGFAHSCFQYAI
QKKWPLYMSTKNITILKAYDGRFKDIFQEIFDKHYKTD FDKNKIWIYEHRLIDDMVAQVLKS
SGGFVWACKNYDGDVQSDILAQGFGLSGLMTSVLVCPDGKTIEAAAHGTVTRHYREHQK
GRPTSTNPIASIFAWTRGLEHRGKLDGNQDLIRFAQMLEKVCVETVESGAMTKDLAGCIH
GLSNVKLNEHFLNTTDFLDTIKSNLDRALGRQ

>sp|Q8NCW5|NNRE_HUMAN NAD(P)H-hydrate epimerase OS=Homo sapiens
OX=9606 GN=NAXE PE=1 SV=2

MSRLRALLGLGLLVAGSRVPRIKSQTIACRSGPTWWGPQRLNSGGRWDSEVMAS TVVKYL
SQEEAQAVDQELFNEYQFSVDQLMELAGLSCATAIAKAYPPTSMSRSPTVLVICGPGNN
GGDGLVCARHLKLFGEYPTIYYPKRPNKPLFTALVTQCQKMDIPFLGEMPAEPMTIDELY
ELVVD AIFGFSFKGDVREPFHSILSVLKGLTVPIASIDIPSGWDVEKGNAGGIQPDLLIS
LTAPKKSATQFTGRYHYLGGRFVPPALEKKYQLNLPPYPDTECVYRLQ

>sp|A0A0C4DH29|HV103_HUMAN Immunoglobulin heavy variable 1-3
OS=Homo sapiens OX=9606 GN=IGHV1-3 PE=3 SV=1

MDWTWRILFLVAAATGAHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYAMHWVRQAP
GQRLEWMGWINAGNGNTKYSQKFQGRVTITRDTSASTAYMELSSLRSED TAVYYCAR

>sp|A0A0C4DH33|HV124_HUMAN Immunoglobulin heavy variable 1-24
OS=Homo sapiens OX=9606 GN=IGHV1-24 PE=3 SV=1

MDCTWRILFLVAAATGTHAQVQLVQSGAEVKKPGASVKVSCKVSGYTLTELSMHWVRQAP
GKGLEWMGGFDPEDGETIYAQKFQGRVTMTEDTSTD TAYMELSSLRSED TAVYYCAT

>sp|P23083|HV102_HUMAN Immunoglobulin heavy variable 1-2 OS=Homo
sapiens OX=9606 GN=IGHV1-2 PE=1 SV=2

MDWTWRILFLVAAATGAHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTGYMHWVRQAP
GQGLEWMGWINPNSGGTNYAQKFQGWVTMTRDTSISTAYMELSLRSDDTAVYYCAR

>sp|A0A0B4J2H0|HV69D_HUMAN Immunoglobulin heavy variable 1-69D
OS=Homo sapiens OX=9606 GN=IGHV1-69D PE=1 SV=1

MDWTWRFLFVVAATGVQSQVQLVQSGAEVKKPGSSVKVSCKASGGTFSSYAISWVRQAP
GQGLEWMGGIIPFGTANYAQKFQGRVTITADESTSTAYMELSSLRSED TAVYYCAR

>sp|P01742|HV169_HUMAN Immunoglobulin heavy variable 1-69 OS=Homo
sapiens OX=9606 GN=IGHV1-69 PE=1 SV=2

MDWTWRFLFVVAATGVQSQVQLVQSGAEVKKPGSSVKVSCKASGGTFSSYAISWVRQAP
GQGLEWMGGIIPFGTANYAQKFQGRVTITADKSTSTAYMELSSLRSED TAVYYCAR
>sp|P01743|HV146_HUMAN Immunoglobulin heavy variable 1-46 OS=Homo sapiens OX=9606 GN=IGHV1-46 PE=1 SV=2

MDWTWRVFCLLAVAPGAHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYMHWVRQAP
GQGLEWMGIINPSGGSTSYAQKFQGRVTMTTRDTSTSTVYMELSSLRSED TAVYYCAR
>sp|A0A0C4DH31|HV118_HUMAN Immunoglobulin heavy variable 1-18 OS=Homo sapiens OX=9606 GN=IGHV1-18 PE=3 SV=1

MDWTWSILFLVAAATGAHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYGISWVRQAP
GQGLEWMGWISAYNGNTNYAQKLQGRVTMTTDTSTSTAYMELRSLRSDD TAVYYCAR
>sp|P0DP01|HV108_HUMAN Immunoglobulin heavy variable 1-8 OS=Homo sapiens OX=9606 GN=IGHV1-8 PE=1 SV=1

MDWTWRILFLVAAATSAHSQVQLVQSGAEVKKPGASVKVSCKASGYTFTSYDINWVRQAT
GQGLEWMGWMNPNSGNTGYAQKFQGRVTMTNRNTSISTAYMELSSLRSED TAVYYCAR
>sp|O14880|MGST3_HUMAN Microsomal glutathione S-transferase 3 OS=Homo sapiens OX=9606 GN=MGST3 PE=1 SV=1

MAVLSKEYGFVLLTGAASFIMVAHLAINVSKARKKYKVEYPIMYSTDPENGHIFNCIQRA
HQNTLEVYPFFLFFLAVGGVYHPRIASGLGLAWIVGRVLYAYGYTGEPSKRSRGALGSI
ALLGLVGTTVCSAFQHLGWVKSGLSGSPKCCH
>sp|Q13275|SEMA3F_HUMAN Semaphorin-3F OS=Homo sapiens OX=9606 GN=SEMA3F PE=2 SV=2

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FNSNANKNAVESVQYGVAGSAAFLECP RSPQATVKWLFQRDPGDRRREIRAEDRFLRTE
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HPPDT

>sp|O60763|USO1_HUMAN General vesicular transport factor p115 OS=Homo sapiens OX=9606 GN=USO1 PE=1 SV=2

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>sp|O00232|PSD12_HUMAN 26S proteasome non-ATPase regulatory
subunit 12 OS=Homo sapiens OX=9606 GN=PSMD12 PE=1 SV=3

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>sp|P12111|CO6A3_HUMAN Collagen alpha-3(VI) chain OS=Homo sapiens
OX=9606 GN=COL6A3 PE=1 SV=5

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>sp|P09543|CN37_HUMAN 2',3'-cyclic-nucleotide 3'-
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>sp|Q15366|PCBP2_HUMAN Poly(rC)-binding protein 2 OS=Homo sapiens
 OX=9606 GN=PCBP2 PE=1 SV=1
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>sp|P61254|RL26_HUMAN 60S ribosomal protein L26 OS=Homo sapiens
 OX=9606 GN=RPL26 PE=1 SV=1
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 >sp|P62330|ARF6_HUMAN ADP-ribosylation factor 6 OS=Homo sapiens OX=9606 GN=ARF6 PE=1 SV=2
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>sp|Q6P158|DHX57_HUMAN Putative ATP-dependent RNA helicase DHX57
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>sp|P19957|ELAF_HUMAN Elafin OS=Homo sapiens OX=9606 GN=PI3 PE=1
SV=3
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>sp|P46779|RL28_HUMAN 60S ribosomal protein L28 OS=Homo sapiens
OX=9606 GN=RPL28 PE=1 SV=3
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>sp|P25786|PSA1_HUMAN Proteasome subunit alpha type-1 OS=Homo
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>sp|P07602|SAP_HUMAN Prosaposin OS=Homo sapiens OX=9606 GN=PSAP
PE=1 SV=2
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>sp|O95208|EPN2_HUMAN Epsin-2 OS=Homo sapiens OX=9606 GN=EPN2 PE=1
SV=3
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>sp|Q9NTQ9|CXB4_HUMAN Gap junction beta-4 protein OS=Homo sapiens
OX=9606 GN=GJB4 PE=1 SV=1

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OX=9606 GN=PRR4 PE=1 SV=3

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>sp|P50995|ANX11_HUMAN Annexin A11 OS=Homo sapiens OX=9606
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>sp|P0DME0|SETLP_HUMAN Protein SETSIP OS=Homo sapiens OX=9606
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>sp|P16401|H15_HUMAN Histone H1.5 OS=Homo sapiens OX=9606 GN=H1-5
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>sp|P29322|EPHA8_HUMAN Ephrin type-A receptor 8 OS=Homo sapiens
OX=9606 GN=EPHA8 PE=1 SV=2
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>sp|Q9UL51|HCN2_HUMAN Potassium/sodium hyperpolarization-
activated cyclic nucleotide-gated channel 2 OS=Homo sapiens
OX=9606 GN=HCN2 PE=1 SV=3
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>sp|P0C869|PA24B_HUMAN Cytosolic phospholipase A2 beta OS=Homo
sapiens OX=9606 GN=PLA2G4B PE=1 SV=2
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>sp|Q9UNS2|CSN3_HUMAN COP9 signalosome complex subunit 3 OS=Homo
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>sp|Q96D53|COQ8B_HUMAN Atypical kinase COQ8B, mitochondrial
 OS=Homo sapiens OX=9606 GN=COQ8B PE=1 SV=2

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>sp|Q5HYK9|ZN667_HUMAN Zinc finger protein 667 OS=Homo sapiens
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>sp|Q8IWA5|CTL2_HUMAN Choline transporter-like protein 2 OS=Homo sapiens OX=9606 GN=SLC44A2 PE=1 SV=3

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>sp|Q709C8|VP13C_HUMAN Intermembrane lipid transfer protein VPS13C OS=Homo sapiens OX=9606 GN=VPS13C PE=1 SV=1

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>sp|P49757|NUMB_HUMAN Protein numb homolog OS=Homo sapiens OX=9606
GN=NUMB PE=1 SV=2

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>sp|A0A0B4J2D9|KVD13_HUMAN Immunoglobulin kappa variable 1D-13
OS=Homo sapiens OX=9606 GN=IGKV1D-13 PE=3 SV=1

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>sp|Q12772|SRBP2_HUMAN Sterol regulatory element-binding protein
2 OS=Homo sapiens OX=9606 GN=SREBF2 PE=1 SV=2

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OS=Homo sapiens OX=9606 GN=IDH1 PE=1 SV=2

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OS=Homo sapiens OX=9606 GN=PARP4 PE=1 SV=3

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