

Ce025#1 CVWRLDWALGKL  
Ce033#1 ILWRMATMSASM  
Ce036#1 VAGQHRSLVARL  
Ce039#1 WHWKCFEIVARL  
Ce051#1 GEGAGFNQLAKL  
Ce096#1 DPNEAMQWLARL  
Ce123#1 LGGPAPEFWSSL  
Ce145#5 QPGSTAMRMSKL  
Ce146#3 AAPVRLVLGHKL  
Ce147#1 GKATGRRLKAKL  
Ce148#2 VVWPLHRLRASL  
Ce149#2 DRKGWTHQPSKL  
Ce150#1 AVSFLSMRRARL  
Ce152#3 GLSDSFYRRSML  
Ce153#1 LWTALLGRTCSL  
Ce154#1 AGSAFSSCRSKL  
Ce155#2 KQWTGKGRSKL  
Ce157#1 RERHSYMQRAKL  
Ce159#1 NLEFWGMMRSKM  
Ce161#2 YGVGRELRQAKL  
Ce167#1 EGKIRTLWCKL  
Ce168#1 DGAHREAPASKL  
Ce169#1 GFRGYMSGLCKL  
Ce171 RKLMSSECRGKL  
Ce172 MRREVVLRAKI  
Ce173#1 TCAREFGRRAKV  
Ce175#1 RWRLGWSWRAML  
Ce176 WCWRAPNLGSKL  
Ce179#2 RTEPKMLRASL  
Ce182#1 RGGGPCQWKAKL  
Ce185#1 GHAPSRPAKARL  
Ce186#1 VSCRCRRLQSRL  
Ce187#1 PDVRRCAGAAKL  
Ce188#1 GSTGWLLQAKL  
Ce190 EHRRSSTSTAKL  
Ce191 VYTVPGTPTCSL  
Ce192 VYGGGVTRGHKL  
Ce193 CHVGSTPWRAAL  
Ce194 CALVGSHIRSRL  
Ce195 QCVHAEVHLARL  
Ce196 LVDPLITRSML  
Ce199#1 RSEEMARSPAKL  
Ce200#1 RLEMARWPRFKM  
Ce201 CQVRGACMAKL  
Ce202 RSGSMVELRARL  
Ce204#1 NYPQATARVCAKL  
Ce205 CVSDLGHIVHKL  
Ce208 GEKFRDAWRARL  
CeD1#1 IGRRMAPLRSSL  
CeF#1 LELVDPGMRACL  
Hs01 IGLDWLVVISKL  
Hs02 GEYGVGLLWSKL  
Hs03 WGDPLIMPQSKL  
Hs04 SLLALAVQCSKL  
Hs05 RGMWFSSNSKL  
Hs06 ALYQWWALGSKL  
Hs07 GNVGSAVLAACL  
Hs08 KLTVRWAWRAKL  
Hs09 ERVSGRHPQAKL  
Hs10 GVEVLVPGTAKL  
Hs11 GPDPLMSILAKL  
Hs12 PVKCVRKRLSRL  
Hs13 ICDAIFQGGSRRL  
Hs14 PVSWNWVRSRL  
Hs15 IQTGGGRAISRL  
Hs16 RWDIPLRWSRL  
Hs17 GAMGMLGGVSRL  
Hs18 GEALLGGFLSRL  
Hs19 PPNNIGCTASRL  
Hs20 VDPVIVKVPESRL  
Hs21 LAGHAWKALSRL  
Hs22 ELVDPEGLRSRL  
Hs23 NNGRGKVLSRL  
Hs24 LRHGVNGLWSRL  
Hs25 VRGGYLVRTARL  
Hs26 VAGQHRSLVARL  
Hs27 NGIEQKKWARL

Hs28 CWRDLFQMIARL  
Hs29 AILGGEYIMARL  
Hs30 KEILELVDPARL  
Hs31 SPYTGGSLSCKL  
Hs32 MQIEHSLPFCRL  
Hs33 LVPLYHLTPCRL  
Hs34 FWSYWMVESCRL  
Hs35 VSGWGAGGMSRM  
Hs36 VWREGWCVRARM  
Hs37 PLTPRCILICRM  
Hs38 QDWAGLPLRSHL  
Hs39 KEEWPWYRAHM  
Hs40 EGLIVMLERGKL  
Hs41 LVDPLYILWGRL  
Hs42 YCYVLRVGGGRL  
Hs43 LVDPFQVMFGRL  
Hs44 MGMTGMLWPRL  
Hs45 KEILELVDPPRL  
Hs46 EQSGDSGLKPKM  
Hs47 PAYRLVAVLANL  
Hs48 WSMELTPIWCNL  
Hs49 SNMSLTFMSPNL  
Hs50 IAMNCVQVKSOL  
Hs51 WARYENIMSSOL  
Hs52 VDPSERRLRSM  
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Hs57 RAGQGTMWRSLL  
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Hs59 SWSRSRLVSALL  
Hs60 GRDRTSVVRCLL  
Hs61 VVGVGCVKSYL  
Hs62 LGNFVSLCSSL  
Hs63 NGQVRDWCRPSL  
Hs64 RIASNCNLVSAL  
Hs65 MVVRMNPVKCVL  
Sc01 LELVDFCERSKL  
Sc02 RMDATKRRESKL  
Sc03 VDPRLARISKL  
Sc04 LSRGRSVSRSL  
Sc05 AVHGTFSWRSRL  
Sc06 NGWGFMTLSRL  
Sc07 NGRDRGGWAKL  
Sc08 LSANALGGLAKL  
Sc09 RSGRQGGGFAKL  
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Sc15 EWEEKSFVKCRL  
Sc16 STGKRSRSGAHL  
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Sc20 SSCCVQTPKAKF  
Sc21 RAPGGVGHKCNL  
Sc22 ETKGLNAVYGL  
Sc23 EWFPVYNRSTKL  
Sc24 GSESHGSARQKL  
Sc25 KAGEIPGRMHRL  
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Sc27 GPGCCRRDLKL  
Sc28 TWGFCDDRVRKL  
Sc29 ERSVRHRREFRL  
Sc30 ELGISGARWYKL  
Sc31 IWDGSRTWAPKL  
Sc32 PVWVSLGRRWKL  
Sc33 PLVGRKGGPWKL  
Sc34 GGIGRKSCGWKL  
Sc35 SMNGYQRRQWRL  
ACE1\_SOYBN DRGSIVVAKARM  
ACE2\_SOYBN DRGSIVVAKARM  
ACEA\_ARATH EGTSLVVAKSARM  
ACEA\_ASHGO EEQFGSSNGAKL

ACEA\_BRANA EGTSLVVAKSRM  
ACEA\_CANTR TEDQFKEIKAKV  
ACEA\_COPCI AGVTESQFTSKL  
ACEA\_CUCMA EEGSVVVAKSRM  
ACEA\_CUCSA EEGNVVVAKSRM  
ACEA\_DENCR RGGITVNAKSRL  
ACEA\_GOSHI SEGNLVVAKARM  
ACEA\_LYCES GDGSVVIKARM  
ACEA\_PINTA IGACTVLAKSRM  
ACEA\_RICCO SAGSEVVAKARM  
ACEA\_YARLI AGVTEDQFKSKL  
ADAS\_CAEEL LIDIIGSPHCKL  
ADAS\_DICDI LFDVVNVKYPKL  
ADAS\_DROME PPTSSTPPKAKL  
ADAS\_TRYBB KMGITPGALQHL  
AHP1\_YEAST TVSSVESVLAHL  
AK11\_RAT REDGKWAMSCRL  
ALOX\_CANBO LKTYEQTGAARY  
ALOX\_PICAN LGTYEETGLARF  
AMAC\_HUMAN KIIESNKVKASL  
AMAC\_MOUSE RIVESDKLKANL  
AMAC\_RAT RIIESNKLKANL  
AOFN\_ASPNG ELGTKREVKARL  
AOPP\_HUMAN TCSLAPNIISQL  
AOPP\_MOUSE TCSLAPNILSQL  
CACP\_CANTR TKGLLTDKPKL  
CACP\_COLLII RSLIQSAPKSKL  
CACP\_HUMAN RALLQSHPRAKL  
CACP\_MOUSE RTLLQNHPRAKL  
CACP\_YEAST ALENENKRKAKL  
CAOP\_CAEEL VEKYLKPMTSKL  
CAOP\_HUMAN SYKHLKSLQSKL  
CAOP\_RAT YHKHLKPLQSKL  
CAOQ\_RAT NKSVANRLKSQL  
CAT1\_CUCPE KLASHLNVRPSI  
CAT1\_GOSHI KLASLLNVRPSI  
CAT1\_HORVU KLASRLKIKPNM  
CAT1\_LYCES KVASRLTVKPTM  
CAT1\_MAIZE KLP SRLNLKPSM  
CAT1\_NICPL KLASRLNVRPSI  
CAT1\_RICCO KLATRLNVKPSI  
CAT1\_SOLTU KVASRLTVKPTM  
CAT1\_TOBAC KVASRLTLKPTM  
CAT1\_WHEAT KLASRLSSKPSM  
CAT2\_ARATH KLASRLNVRPSI  
CAT2\_CUCPE KIASRMNARPNM  
CAT2\_GOSHI KIASRLNVRPSI  
CAT2\_HORVU KVANRLNVKPSM  
CAT2\_MAIZE KLASRLSAKPSM  
CAT2\_NICPL KVASRLTLKPTM  
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CAT2\_SOLTU KVASRLTVKPTM  
CAT2\_WHEAT KLASRLKIKPNM  
CAT3\_ARATH KLASRLNVRPSI  
CAT3\_CUCPE KIASRLNVRPNI  
CAT3\_NICPL KIASRLNVRPTM  
CATA\_ASCSU KNISNLAKYCKY  
CATA\_BRARE GGASAVAAASKM  
CATA\_CANFA GSHLAAREKANL  
CATA\_CAVPO GSHLSAKEKANL  
CATA\_DICDI NDVIKFAARSNL  
CATA\_DROME TEELNLAKSSKF  
CATA\_HELAN KIASRLNVKPNY  
CATA\_HUMAN GSHLAAREKANL  
CATA\_IPOBA KVASRLNIRPTM  
CATA\_MOUSE GSHMAAKGKANL  
CATA\_ORYSA KIANRLNVKPSM  
CATA\_PEA KLASHLNMRPSI  
CATA\_PHAUU KIASHLNMRPNI  
CATA\_PICAN ELKRRKASSPSKI  
CATA\_RANRU SAHVTANDKANL  
CATA\_RAT GSHIAAKGKANL  
CATA\_SECCE KVANRLNVKPSM  
CATA\_SOLME KVASRLLVKPTM  
CATA\_SOYBN KIASHLNLKPSI  
CATA\_TOXGO GLPTAACYPKAM  
CATA\_YEAST KHASLSSNSKF

CATB\_ORYSA KLASRLNLKPNM  
CISZ\_YEAST YKELVKNIESKL  
DAPT\_HUMAN KTFIGKPATAKL  
DAPT\_MOUSE KKPIGKPATAKL  
DAPT\_RAT KKPIGKPATAKL  
DAS\_PICAN KEKPNHDKVNKL  
DHAB\_HORVU ELYGWYQRFPSKL  
DHAB\_ORYSA EPYGWYRPPSKL  
ECH1\_HUMAN NKEKLTVTFPSKL  
ECH1\_MOUSE KRDTKSTTFPSKL  
ECH1\_RAT KKDSKSTTFPSKL  
ECHP\_CAVPO WQSLAGLPSSKL  
ECHP\_HUMAN WQSLAGSPSSKL  
ECHP\_RAT WQSLAGPHGSKL  
FAT2\_YEAST TFAKSSRNKSKL  
FOX2\_CANTR AAIKLVGDKAKI  
FOX2\_YEAST AAVKLSQAKSKL  
G3PG\_LEIME YMAAKDAASSKM  
G3PG\_TRYBB RHMAARDRAAKL  
G3PG\_TRYCR RHMASKDRSARL  
G6PI\_TRYBB GLINMFNELSHL  
GOX1\_ARATH TEWDTPRELPRL  
GOX2\_ARATH TEWDTPREPSARL  
GOX\_SPIOL WDGPSRAVARL  
GPDA\_TRYBB EGLPALPRTSKM  
GPDA\_TRYBR EGLPALPRTSKM  
HAO1\_HUMAN LVRKNPLAVSKI  
HAO1\_MOUSE LVRKNPLAVSKI  
HAO2\_HUMAN EINRNLVQFSRL  
HAO3\_HUMAN EISPDLIQFSRL  
HAO3\_MOUSE EISPDLIQFSRL  
HAO3\_RAT EISPDLIQFSRL  
HMGL\_BOVIN TNSKVAQATCKL  
HMGL\_CHICK TNSKVSQAACRL  
HMGL\_HUMAN TSSKVAQATCKL  
HMGL\_MOUSE TSSKVAQATCKL  
HMGL\_RAT TSSKVAQATCKL  
HYES\_HUMAN SDARNPPVSKM  
HYES\_MOUSE TEVQNPSVTSKI  
HYES\_RAT TEIQNPSVTSKI  
IDHC\_HUMAN ENLKIKLAQAKL  
IDHC\_MICME ENLKAKLAQAKL  
IDHC\_MICOH ENLKAKLAQAKL  
IDHC\_MOUSE ENLKAKLAQAKL  
IDHC\_RAT ENLKAKLAQAKL  
IDI1\_HUMAN NQFVDHEKIYRM  
IDI1\_MESAU SQFVDHEKIHRM  
IDI1\_MOUSE SPFVDHEKIHRM  
IDI1\_RAT SPFVDHEKIHRM  
LUCI\_LUCCR IREILKPKVAKM  
LUCI\_LUCLA IREILKPKVAKM  
LUCI\_PHOPY LIKAKKGGKSKL  
MASY\_BRANA IVAHYPINASRL  
MASY\_CUCMA IVIHHPRELSRL  
MASY\_CUCSA IVIHHPRELSKL  
MASY\_EMENI NEISSPGTASKL  
MASY\_GOSHI VIHHPKDVSSKL  
MASY\_MAIZE VAHHPGASPCKL  
MASY\_NEUCR TSAGNSLPASKL  
MASY\_RAPSA IVAHYPINVSRL  
MASY\_RICCO IVIHYPKGSRL  
MASY\_SOYBN IVVHHPRETSKL  
MASY\_YEAST STKATPTDLSKL  
MASZ\_YEAST KPSAKPVDLSKL  
MDHP\_YEAST KQKSFILDSSKL  
NLTP\_CHICK QNLQLQP GKAKL  
NLTP\_HUMAN QNLQLQPGNAKL  
NLTP\_MOUSE QNLQLQP GKAKL  
NLTP\_RAT QSLQLQPDKAKL  
O55223 MSRFSTLSKAHL  
O93884 LTEKPKHDQNH  
OXDA\_FUSSO VDKVGAAKSKL  
OXDA\_HUMAN EKKLSRMPPSHL  
OXDA\_MOUSE EKKLSRLPPSHL  
OXDA\_PIG ERNLLTMPPSHL  
OXDA\_RABIT EKKSSRMPPSHL  
OXDA\_RAT EKNLSRMPPSHL

OXDA\_RHOTO QRYHGAARESKL  
OXDD\_BOVIN QVLRTPAPKSKL  
OXDD\_HUMAN HALRTPPIPKSNL  
P79371 ISRFPISLGAHL  
PECI\_HUMAN AVVNFLSRKSKL  
PECI\_MOUSE AIMS FVSRKPKL  
PEX8\_PICAN EHVNESQEKAKL  
PEX8\_PICPA YENVNAQSTAKL  
PEX8\_YEAST YTTVLSSQSSKL  
PGKC\_TRYBB GTGTLNWRSSL  
PMVK\_HUMAN LENLIEFIRSRL  
PTE1\_HUMAN IRVKPQVSESKL  
PTE1\_MOUSE IRLKPQVSESKL  
PTE1\_YEAST VYGSERDIRAKF  
PTE2\_HUMAN LGGREGTIPSKV  
PTE2\_MOUSE LDGKKKTIPAKL  
PX18\_CANMA SVFKKLDPRPKL  
PX18\_CANTR AVFKKLDPRPKL  
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Q96VB8 KKSPPRGASKNKF  
Q99424 IRPLLQSWRSKL  
SPYA\_CALJA REALQHCPKKKL  
SPYA\_FELCA QEALQRC SRNKL  
SPYA\_HUMAN RAALQHCPKKKL  
SPYA\_MOUSE REALQHCPKNKL  
SPYA\_RABIT REALQHCAQSOL  
SPYA\_RAT REALQHCPKNKL  
URIC\_ARATH IEATLSRITSKL  
URIC\_ASPFL CTVGRSSLKSKL  
URIC\_CANLI IQASLRRLWSKL  
URIC\_DROME AQLARKNINSHL  
URIC\_DROPS AQLARKNISSHL  
URIC\_DROSU AQLARKNLNSHL  
URIC\_DROVI AQLSRKSLKSHL  
URIC\_EMENI KCTVGRKSKAKL  
URIC\_MOUSE TGTVKRKLPSRL  
URIC\_PAPHA TGTVKRKLSSRL  
URIC\_PHAVU IEASLSRVWSKL  
URIC\_PICJA KCTVVRKEKTKL  
URIC\_PIG TGTVKRKLTSRL  
URIC\_RABIT TGTVKRKLSSRL  
URIC\_RAT TGTVRRKLPSRL  
URIC\_SOYBN IQASLSRLWSKL  
URID\_CANLI IQASLSRLWSKL  
URID\_SOYBN IQASLSRLWSKL  
VAOX\_PENSI WPSQYSHVTWKL