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gi|116008026|ref|NP_001036720.1|-ML---RFLIVAVCE...ENFGIGIRGDL...PWRIKS---ELKYFSR...TKRISDPTKONAVVMGRKTYFGVPE...SKRPLPDRINIVL...LT-----TLQESDLPKG-----VLLCPNLE...TAMKILEQNE---VENIWIWGG...SVVE 119
gi|119114744|ref|XP_319471.3|MSK---KFS...CIVAVCE...NRGIGINGDL...PWKLKQ---ELKYFSH...TKKVNADKRN...AVIMGRKTYFGVPE...SKRPLPERL...INIVL...LR-----NAAAYTFPPD-----VLVCGSLQ...EALHKLDS...TDHGEH...ENI...WVGG...NSVVK 123
gi|4503323|ref|NP_000782.1|MVG---SL...NCIVAVS...QMGIGKNGDL...PWPLLR---NEFRYFOR...MTTSSVEGKONL...VIMGKKTWFSI...PEKNRPLKGRIN...LVLSR-----ELKE-PPQGA-----HFLSRSLDD...DALKL...TEOPEL...ANKVDM...VWVGG...SSVVK 123
gi|114599398|ref|XP_001134992.1|MVG---SL...NCIVAVS...QMGIGKNGDL...PWPLLR---NEFRYFOR...MTTSSVEGKONL...VIMGKKTWFSI...PEKNRPLKGRIN...LVLSR-----ELKE-PPQGA-----HFLSRSLDD...DALKL...TEOPEL...ANKVDM...VWVGG...SSVVK 123
gi|73984093|ref|XP_851329.1|MGPQPWC...TLCIVAVS...QNLGIGRNGDL...PWPLLR---NEFKCFOR...MTTNSVEGKONL...VIMGRKTWFSI...PEKNRPLKDRIN...IVLSR-----DLKE-PPQGA-----HFLAKSLDD...DALKL...TEOPEL...ANKVDM...VWVGG...SSVVK 127
gi|7106289|ref|NP_034179.1|MVR---PL...NCIVAVS...QMGIGKNGDL...PWPLLR---NEKQYFOR...MTTSSVEGKONL...VIMGRKTWFSI...PEKNRPLKDRIN...IVLSR-----ELKE-PPRGA-----HFLAKSLDD...DALKL...TEOPEL...ASKVDM...VWVGG...SSVVK 123
gi|18426814|ref|NP_569084.1|MVR---PL...NCIVAVS...QMGIGKNGDL...PWPLLR---NEFKYFOR...MTTSSVEGKONL...VIMGRKTWFSI...PEKNRPLKDRIN...IVLSR-----ELKE-PPQGA-----HFLAKSLDD...DALKL...TEOPEL...ASKVDM...VWVGG...SSVVK 123
gi|118150878|ref|NP_001071351.1|MVR---PL...NCIVAVS...QMGIGKNGDL...PWPLLR---NEFYFOR...MTTSSVEGKONL...VIMGRKTWFSI...PEKNRPLKDRIN...IVLSR-----ELKE-PPKGA-----HFLAKSLDD...DAL...LELLED...PEL...ANKVD...VWVGG...SSVVK 123
gi|57528569|ref|NP_001006584.1|MVR---SL...NSIVAVC...QMGIGKNGDL...PWPLLR---NEKYFOR...MTTSSHVEGKON...AVIMGKKTWFSI...PEKNRPLKDRIN...IVLSR-----ELKE-APKGA-----HYLSKSLDD...DAL...LALLDS...PEL...SKVDM...VWVGG...AVVVK 123
gi|55926109|ref|NP_571850.1|MSR---IL...NCIVAVC...QMGIGKNGDL...PWPLLR---NELKHFQ...KMTTPSD...EGKKNV...IMGRKTWFSI...PAHRPLK...NRIN...IVLSR-----ELKT-APEGA-----HYLASDFSS...ALHLLDS...GELEK...LVD...QVWI...IGGSL...LVK 125
gi|17505899|ref|NP_492364.1|-MR---KML...LIVAMDAEG...GIGKNGDL...PWRIKQ---DMQYFAS...VTKNVS...QSKRN...AVLMGRK...CWESIP...VTRRPL...LAGRLN...IVLSR-----GLPA-QKSDD-----YIVVNS...LEAMKLLS...EPF...VD...SI...ETI...WNI...GGAEI...VD 121
gi|6324810|ref|NP_014879.1|MAGGKIP...IVGIVACL...QPEMGIGFRGGL...PWRLPS---EMKYFRO...VTS...LTKDP...KNAL...IMGRKTWESIP...PKFRPL...PNRNVV...ISR-----SFKDDFV...HDKER-----SIVQSN...SLAN...AMNLS...NFKEH...-LERI...VVI...GGGEV...VS 129
gi|50306839|ref|XP_453395.1|MS-CK...PSVCCV...ACLMPGIGYQGL...PWRLSK---EMKYFRO...LTS...ATRRSS...M...RNAV...VMGRKTWESIP...AKFRPL...PNRNVV...SRNC...OLDI...NDEQ...QFTKSRV...GD...DDD...DDG...DD...ATL...YAG...DL...SRAI...DQLI...ANSK...LGL...ETI...YI...GGGDI...VR 146
gi|45185810|ref|NP_983526.1|MGISRV...PVVSIVACL...LEYGIGYQGL...PWRLAR---EMKYFRO...ATTA...FDPT...KRN...AV...VMGRKTWESIP...ARWRPL...PGRLN...VVSR-----HYTS...FWA...HDENG-----HVI...SN...LQCC...VRL...EQARAL...GVERI...YIMGAEI...YN 130
1.....10.....20.....30.....40.....50.....60.....70.....80.....90.....100.....110.....120.....130.....140.....150

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gi|116008026|ref|NP_001036720.1|EAMAS...FRCHRL...YLK...IMQK...FD...CF...FPALP...-DSFREVA...-PDS...DMPL...GVG---EENG...IK...FE...YK...ILE...KHS-- 182
gi|119114744|ref|XP_319471.3|EAMES...DRCHRI...YL...NEIKK...Q...FD...CAFF...PEIP...-NSFM...VID...-ND...PD...PS...GVG---EENG...I...Q...VY...KI...YENK...Q- 187
gi|4503323|ref|NP_000782.1|EAMNH...PGHL...KLFV...TRIM...QDFES...DTFFPE...IDLE...EKYKLLP...-EY...PGVL...SDVQ---EEK...G...IK...YK...FE...VEYK...ND 187
gi|114599398|ref|XP_001134992.1|EAMNH...PGHL...KLFV...TRIM...QDFES...DTFFPE...IDLE...EKYKLLP...-EY...PGVL...SDVQ---EEK...G...IK...YK...FE...VEYK...ND 187
gi|73984093|ref|XP_851329.1|EAMNKP...GHRL...LFV...TRIM...HFE...EGD...TFFPE...IDLE...EKYKLLP...-EY...PGVL...SDVQ---EEK...G...IK...YK...FE...VEYK...ND 191
gi|7106289|ref|NP_034179.1|EAMNQ...PGHL...RLFV...TRIM...QDFES...DTFFPE...IDLE...EKYKLLP...-EY...PGVL...SEVQ---EEK...G...IK...YK...FE...VEYK...ND 187
gi|18426814|ref|NP_569084.1|EAMNQ...PGHL...RLFV...TRIM...QDFES...DTFFPE...IDLE...EKYKLLP...-EY...PGVL...SEI...Q---EEK...G...IK...YK...FE...VEYK...ND 187
gi|118150878|ref|NP_001071351.1|EAMNKP...GHVRL...LFV...TRIM...QDFES...DAFFPE...IDLE...EKYKLLP...-EY...PGVL...SDVQ---EEK...G...IK...YK...FE...VEYK...NN 187
gi|57528569|ref|NP_001006584.1|AAMEK...PI...NHRL...LFV...TRIL...HEFES...DTFFPE...IDY...KDFKLLT...-EY...PGVPA--- 168
gi|55926109|ref|NP_571850.1|EVMERS...GHRRL...LFV...TRIL...KQ...FD...CF...T...IP...NF...DM...KYKLLP...-EY...PGV...PVGL...Q---EDNG...V...OYL...FE...VYS...SIKH- 190
gi|17505899|ref|NP_492364.1|LALREN...L...VDEI...HLL...RIF...KNF...EAD...VH...LKSL...DF...SK...MK...EV...QNA...VSS...EN...EIF---EENG...L...K...FE...CK...WK...V...ENH 189
gi|6324810|ref|NP_014879.1|GIFS...ITD...H...WL...TKIN...PL...DKNA...PAM...DT...FL...DA...KK...LE...EV...SE...OD...PA...QL...KE...LP...PK...VEL...PE...DCD...QRY...S---LEE...G...Y...C...FE...FT...LY...NRK--- 211
gi|50306839|ref|XP_453395.1|QCI...PM...SHN...LF...TKI...V...PD...LG...MPV...PP...MT...DF...LDRE...QIES...Q...FKE...Q...PH...KL...Q...EIV...PK...EV...SL...Q...F...SAD...SS...APT...ISE...KG...F...Y...S...FT...LWS...RDTQ- 232
gi|45185810|ref|NP_983526.1|QSY...DL...CD...HLL...V...TEL...QV...AP...D...GA...VLL...DT...FL...ARD...VLE...Q...SA...FN...-SAG...PR...ALL...PP...SV...EL...PE...CPAT---AL...E...GG...F...Q...FR...FAL...YD...H...LNRD 211
.....160.....170.....180.....190.....200.....210.....220.....230.....

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