10 429

tr|E1K4V0| MRIGISSSIF LDSDKDLKYA LEYL-EKKVR YVELNCDG-- -----NINVM

sp|P69907| MVLSPADKTN V--KAAWGKV GAHAGEYGAE ALERMFLS-- --FP------

sp|P06635| MVLSPADKTN V--KTAWGKV GAHAGDYGAE ALERMFLS-- --FP------

sp|P01959| MVLSAADKTN V--KAAWSKV GGNAGEFGAE ALERMFLG-- --FP------

sp|P01965| -VLSAADKAN V--KAAWGKV GGQAGAHGAE ALERMFLG-- --FP------

sp|P60529| -VLSPADKTN I--KSTWDKI GGHAGDYGGE ALDRTFQS-- --FP------

tr|E7QXB8| MIVAGKCPPT A-------DE LRAASERGFD AVELHLT--- ----------

tr|E7QQB9| MDIGVHTPPL Y--GESLEDA LAYLNDIGVD AIEPGVGG-- --YPGDTHLP

tr|D2S1E6| MGVG-YTTIM YDPAEVLSEG LGDFAACRYD GVEIGLGKVE YI--------

tr|D2S0D9| M--------- ---------- -EFMREEAVR RLEETVSNDE PIIGAGAGTG

EKENMDIPNS YDL------- NY------TL HCPLT--DLN L---------

---------- ---------- --------TT KTYFPHFDLS H---------

---------- ---------- --------TT KTYFPHFDLS H---------

---------- ---------- --------TT KTYFPHFDLS H---------

---------- ---------- --------TT KTYFPHFNLS H---------

---------- ---------- --------TT KTYFPHFDLS P---------

---------- ---------- ---------- ---------- ----------

RDEYLDDEEA QD-------- --------EL HDLLAEYDMR I---------

---------G VD-------- --------SL QESLEEHGLD I---------

MSAKFAERGG VDLLIIYNSG RYRMNGRGSL AGLLPYGDAN EIVVDMGRQV

------SSFR DKIRK----V SLDFVEDIL- -------KTA DKVNANLVVL

---------- ---------- ---------- ---------- ----------

---------- ---------- ---------- ---------- ----------

---------- ---------- ---------- ---------- ----------

---------- ---------- ---------- ---------- ----------

---------- ---------- ---------- ---------- ----------

---------- ---------- ---------- ---------- ----------

------SALA TH-NN--PLH PDDEEAEEAD TELREAIRLA DQLDVGTVTC

-----YCVMA GWLNN----- -----EEDVD AAVRGA-GIA AELDARFLGI

LPVVEDTPVL AGVNGTDPFR QMDVFIEDLK RR-----GFS GVQNFPTVGL

HPG------- ---------- ---------- ---------- ----------

------G--- ---------- ---------- ---------- ----------

------G--- ---------- ---------- ---------- ----------

------G--- ---------- ---------- ---------- ----------

------G--- ---------- ---------- ---------- ----------

------G--- ---------- ---------- ---------- ----------

---------- ---------- ----TDDLDA IEETT----- --AACRAAPV

FSGLPAGGPN DEYPNWITAP WPSEHEEALE YQWEDVAIPY WQELEAFADD

LPP-PRG--- ---------- ---QTDDATF DEWLD----- --RICTAADE

IDE------- ---------- ---------- ---------- ----------

---YCVFKYD YKKSLNALIQ SLKDLNNIQK EYSIKITIEN MPSYSM----

---SAQVKGH GKKVADALTN AVAHVDDMPN ALS------- ----------

---SAQVKDH GKKVADALTN AVAHVDDMPN ALS------- ----------

---SAQVKAH GKKVGDALTL AVGHLDDLPG ALS------- ----------

---SDQVKAH GQKVADALTK AVGHLDDLPG ALS------- ----------

---SAQVKAH GKKVADALTT AVAHLDDLPG ALS------- ----------

DVVSVHTPHV GLDELAYVQR ANDLCERLDA TLVVHSTKIP LSNLGYVLDR

HDVDLAIEMH PNMLVHEPAG MLELRNATGE RVGANFDPSH LYWQGIDVPE

AGVTPVIHHH GASHIESPEE IEEWLERAPD NLELLYDTAH YQPYGDVIDG

---DSQFRRN LEETGMGYDK EVEMIREAAE QEML------ ----------

------FMFR EPTDEIINNL GDLGITFDIG HSFLN--KNM G--KFLDNDE

---------- ---------- ---------- ---------- ----------

---------- ---------- ---------- ---------- ----------

---------- ---------- ---------- ---------- ----------

---------- ---------- ---------- ---------- ----------

---------- ---------- ---------- ---------- ----------

IDITVPHGFE NSTG------ -------HSR HFLTNVLLDE G--RPL----

A-----IRFL GEHD------ -------AIH HFHAK----- ----------

I-----HRFA D--------- -------DIA YVHLK----- ------DID-

---TCPYVFT EEQAR---EM TEAGADVIVS HMGLTTSGDI GAETALDLD-

LIKKISHIHI HDNNGE---- ---------- ---------- ----------

---ALSDLHA HKLRVDPVNF KLLSHCLLVT LAAHLPAEFT PAVHAS----

---ALSDLHA HKLRVDPVNF KLLSHCLLVT LAAHLPAEFT PAVHAS----

---NLSDLHA HKLRVDPVNF KLLSHCLLST LAVHLPNDFT PAVHAS----

---ALSDLHA HKLRVDPVNF KLLSHCLLVT LAAHHPDDFN PSVHAS----

---ALSDLHA YKLRVDPVNF KLLSHCLLVT LACHHPTEFT PAVHAS----

---VLDTAHL YTAEAEYRS- ------ILET LLAA-DDISI PVVHCCDGTK

------DTKV YESQARYKG- ------VLDT ---------T PYTEEANRSW

---PTVDFQD H--------- -------VDT LTA------G NVQYDSLFVF

--AAAERVQA HHDAAKDVND -----DVLVI CHG------G PIAWPD----

FDEHLAIGKG RIDFEKYKGN IKKI---KGI KLVEMQNKSI ND-------L

---------- ---LDKFLAS VSTV------ ---------- ---LTSKYR-

---------- ---LDKFLAS VSTV------ ---------- ---LTSKYR-

---------- ---LDKFLST VSTV------ ---------- ---LTSKYR-

---------- ---LDKFLAN VSTV------ ---------- ---LTSKYR-

---------- ---LDKFFAA VSTV------ ---------- ---LTSKYR-

ITDGLAFGTG TMDMERVITA LHE--NYDGI VVLEVMPDEQ ADALE-----

LFRSVGYGHG EGHWKDIVSA LRLV-DYDGA LSIEHE---- -DSLTSSREG

LTSFVDLGDG VIDFEAVDEA LDEI-GYDGQ ITIEIENER- DDRLVHAKRN

---------- --DAEYVLNN TEGVAGFFGA SSLERLPTE- -EAIENQAR-

-DLCITRLKN LLV------- ---------

---------- ---------- ---------

---------- ---------- ---------

---------- ---------- ---------

---------- ---------- ---------

---------- ---------- ---------

---------- ---------- LWRDVIRGR

LEKAVELLQR AVFRTTPGEA YWAE-----

ID-------- ---------- HWTDATDA-

------EFKS IEFRP----- ---------