

...MTDLSQHTPMMQYFKLKHQHPDQLMFYRMGDFYELFYEDAKKAAKLLDITLTARGQSGGKAIPMAGIPFHSAEGYLAKLV
 *MTKPNADLSAHTPMMQYWRLLKREHPDQLMFYRMGDFYELFYDDAKKAAALLDITLTARGQSGAGTAIPMAGIPFHSAEGYLARLV

KLGESV_ACEQIGDPA_TSKGPVERQWRITPGTVSDEALLDERRDNLLAA_TY_TGDERLFGL_ASVLD_TSGRFSVQE_TKGWETLLAE
 KLGESV_AICEQIGDPA_TSKGPVERQVVRITPGTVSDEALLDERRDNLLAA_TLGDERLFGL_AVLD_TSGRFSVQE_TKGWETLLAE
 KLGESV_VICEQIGDPA_ASKGPVERQVVRITPGTVSDEALLDERRDNLLAA_V*Y_TGDERLFGL_SVLD_TASGRFSVQE_LKGWETLLAE
 KLGESV_VICEQIGDPA_ASKGPVERQVVRITPGTVSDEALLDERRDNLLAA_V*Y_TGDERLFGL_SVLD_TASGRFSVQE_LKGWETLLAE

LERL_NPAELLIPDDWPQGL_PAEKRRGVRRRAPWDFDRDSA_HKSLCQQF_STQDLKGF_GCG_ENLTLAIGAAGCLLAYAKETQRTALPH
 LERL_NPAELLIPDDWPQGL_PAEKRRGVRRRAPWDFDRDSA_HKSLCQQF_STQDLKGF_GCG_ENLTLAIGAAGCLLAYAKETQRTALPH
 LERL_SPAELLIPDDWPQGL_PAEKRRGVRRRAPWDFDRDSA_HKSLCQQF_STQDLKGF_GCG_ENLTLAIGAAGCLLAYAKETQRTALPH

LRSRLR**H**ERLADTVILDGASRRNLELDY**N**LSGGRENTLQSV**M**DRCQTAMASRL**M**SRWLNRP**L**RDR**A**VLEARQ**S**IT**C**LLER**Y**RFEN
 LRSRLRHDRLDDTVILDGASRRNLELD**I**NLSGGRENTLQSV**V**DRCQTAMASRLMSRWLNRP**L**RDR**A**VLEARQ**S**IT**C**LLER**Y**RFEN
 LRSRLR**H**ERLADTVILDGASRRNLELD**V**NLSGGRENTLQSV**M**DRCQTAMASRL**L**TRWLNRP**L**RDR**A**VLEARQ**S**IT**C**LL**H**YRFEN

LQPQLKEIGDLERILARIGLRNARPRDLARLRDALAALPQDQNGLMTELVAPHLQEATSTGTYPEELAEELLARAIDNPPAVIRDG
LQPQLKEIGDLERILARIGLRNARPRDLARLRDALAALPDLQNGMTLEAPHLQALATTIGTYPEELAELLAKAIDNPPAVIRDG
LQPQLKDIGDLERILARIGLRNARPRDLARLRDALAALPQLQGMDLVAPHLLLELATSSISTYPEELAELLARAIDNPPAVIRDG

* * * * *

GV_TKTGYD_AELDELQ_SALSENAGQ_FIMDLE_TAREKARTGL_PANLKVGYNRYHGYFIELP_{SV}QAE_QAPADYIRRTLKGAE_RFTPELK
GV_TIKTGYDAELDELQ_SALSENAGQ_FIMDLE_TAREKARTGL_PANLKVGYNRYHGYFIELPRVQAE_QAPADYIRRTLKGAE_RFTPELK
GV_TIKTGYDPELDELQ_SALSENAGQ_FIMDLE_TAREKARTGL_PANLKVGYNRYHGYFIELPSKQAE_SAPADYIRRTLKGAE_RFTPELK

E F E D K A L S A Q S R A L A R E K L Y E L L E R L I G H L A P L Q E S A S A L A E L D M L S N L A E R A L N L D L N R P R F V E Q T C M R I E Q G R H P W E Q V L
 A I F E D K A L S A Q S R A L A R E K A L Y E L L E R L I G H L A P L Q D S A S A L A E L D V L A N L A E R A L N L D L N R P R F V E H T C L H I E Q G R H P V V E Q V L
 E F E D K A L S A K S R A L A R E K L L Y D E L L E M L I G H L A P L Q E S A A L A E L D M L S N L A E R A L N L D L N R P R F V E Q C P M R I E Q G R H P V V E Q V L
 * * * * *

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