## QUERY

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1
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 PFPRRYASIRRAVKDIREI PFPRRYGTURRCISDLMTL
N E K
$E P$
$P$ F
 D
 GGEFYAT EGRDVEDGDT
$\stackrel{E}{\mathrm{E}} \mathrm{P}$
$\qquad$ GRQVDATVHGFE
 D
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D D

$\qquad$ GASIE

GVT
DEPPVVYADVRRCVRDIDPTLEDASFTVSIEGRDTATGEP DEPPVVYADVRRCVRDIEPTLEDATVRATVTGLDTGTGDH
$\qquad$
praygti rrcisdlaal NEP
$\qquad$ GEFYATIKGRDTESGND

PRTYAAl R R CVVRDVGS
PAEYVDI RQCIAREEPL $\qquad$ GRQ
$\qquad$
PRQYATLRRCVRDLED
D D P
 prayasirrcvkdlest

E F

PR
NEPPDTYAGLRECLRAI EPELDGRNSKVRVEGKFVVKKEP
D R

RTYASI RRAVKDI HDL GGEFEAVVSGRDVQTAAD DPDPVEYANFRHTVLQVTLQLRSDVVRVTVGGRWTDSGEE
 OHOLVVTAGGMVHTDGP
 DEYYNVRECVQDMAPMVNDGTVYATVQGFNVQTGED
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DELPATYDDFRHAVQATLRARTGTDVTVEGRDVREGTP $D E L P A T Y D D F R H A V Q A T L R A R T G T D L V A H V T G R P V H V N G P$
$E T P K R Y A D V R Q L L E Y L Q P D R E G A T V T V E I E G R D T E S G E S$ P■PTTHDSFFRAVIDAARFLEDQPLAATVEGRNVKEGSP PKTFDDFRSAVLQATLHLKGNSITARVTGRPVEEADP KPDTFVNVRTLATULKHVKGLPREAEITGKYVRTGED PLPTTYHDFRHAVLQAALHIRGSAVHARVTGRPLHGEDP PGTYTDFRSAVLQATLHLRGDPVSARIRGRPVHSDET EKPLTLSHDRTVITVLKQAGLPRNI EVDGRSLADKKQ KPLIFTHI RTLITVLRFVELPKPV EIVGRLVDGKKP KPLQLVNIRTLITLLKQTSLPREI EVIGKLVENKDT EPPFPYMTLEEFVRDVASLLRGADLAVTIDGTWVETNEP Y LDPRRVLDEHRTALDNGELVATVSGHRTGAQRE KPFEMANDRTLITILKQTQLPKNIG EVVGHFVDTREE DSLPTTYDDFRHAAQATMQVRAGREVATRVTGRSVHVKDG $N D G P Q E Y T F C H A V D A T C K L R Q N T E L Y A E$ KARAVSAADG YPKTFVDFSMALNELEALLRGYTPLVRVLGRDVKSEYP PAYADVRQFLDENRRIRGDEPLRVEDEGRETDGDRS


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UniRef90 M0LQK7
$E T L T G R V V G Y T L S L R E A V N N D H L E T E N G V V K V G G M F A V I E$




 RVI E GKVVDQASFSSNREVATLVVVTAD GPVEVGGGQVAAFE $K E L H G R V V G Y T$ L A V E E GI D NF DL ETENGVFK I G GMFAMLE
 RTVEGAVVDISASVDRGTAAITLDLGDKTLDVGGQAAAFE
 $V$ I V E G R V A A V D F H E D E QV A S L H I M T V T L H G T I T D V V S T S D E R E TA S L T L A T D D G T Y TVVGGWGA M I E






 L T L
 $R$ S V $V$ S G T $V$ V R





 $R D L M M G I T E V S Y P G B R G V A M F T L E T M E R T H R V G G W G A D L D E$ $R V V D G Q L V D V D T G D G E G R A G L I L D D T D D G S V E I G G G W G A M V E$ V E L T G R V T D I D Y T G S A G R I S A T L V T D D G T Y E V G G WGA VI E




 $V$ RVV GPVVD YEYDPSEQVAS FTVVA ETGRVRIGGGVAAFE V HLT GKIV AFFESEGKVVSNITVETEKGEYVI GGWNASDE





 $V T V Q G K I V E E F$







 AELDGVVVDVRQSLLEPTNSLII ETDHGTYNAGGQGAFV

 I T L R G K V I E F F E Y T P L I A S V V V V D D G N K K WK V G G L G S Y FE

 ATI K GKVVI DY E Y TSSLTANVITLVDENGEWKVGGGLGSYFE VEVR G DLVDDRFDEDGGTVSIVLDTVEGDDEVGGWGAVTE


 $V T L S G E V V D A S V M A L T G T A S V V V D D G E R R W T V G G W G A T Y E$


| QUERY | $\text { DYESTEDKF }{ }^{90} \mathrm{MG}$ |
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| UniRef90-J2ZEL0 | DI E A Q L R L GR |
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| UniRef90-O58763 | DYESTNVRLML |
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| UniRef90-U1Q448 | AVEGQAI HL GR |
| UniRef90_L9W990 | DFEATR1 |
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