## QUERY <br> UniRef90_F7CG63

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UniRef90_UPI0003AF9140 UniRef90_A7S3H5 UniRef90_H2P9T4 UniRef90-UPIO0034F5B05 UniRef90_A7SE62 UniRef90 ${ }^{-}$K7GSN8 UniRef90_UPIOOO3509659 UniRef90-L8Y6M0 UniRef90-UPI0004422AC3 UniRef90_S9YR05 UniRef90_UPI00045DBDFE UniRef90_Q8SPJ2 UniRef90_UPIO003F0E001 UniRef90_UPIO003AB62BE UniRef90-G3VFI1
UniRef90-M3VWX9 UniRef90_UPI0003F09159
 CPLDELLNKKI EEQAGSYVLTALEKLQLACSSVTSRGALA

 CSLDSMVDKKI KEALNSLEFNPSVLTKFSCTSITSSGRLA



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 C S L D A I V D K K I I K D A L T G L E L L N P A P A K R D S C F S V V N S G K L SFD SIVDDEKI K DA
$\begin{array}{llll}C & P & V & D \\ C & P & L & D \\ \text { L }\end{array}$
C I E FIVVEKVVQDALSTLEDGT
CSLLD L V D N K I K
D SIMMKRLKK A LSSRLE HP P T Q T K S V
C C S N S VMD GKI K K A L D R L GF NP SAAK K K I S C T S V K N S G K L
CSS $\square$ D R A I D A K I K A A V D S KVVS A T LDA K S QL T C T T I K T S G A L A







 C P V E E A I N E K I Q D G T R S | $I$ | $L$ | $E$ | $T$ | $I$ | $R$ | $T$ | $I$ | $X$ | $L$ | $S$ | $C$ | $R$ | $T$ | $V$ | $T$ | $S$ | $R$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $V$ | $G$ | $D$ | $L$ | $A$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $V$ | $G$ | $V$ | $I$ | $R$ | $Q$ | $V$ | $N$ | $L$ | $D$ | $C$ | $R$ | $S$ | $I$ | $S$ | $N$ | $R$ | $G$ |

 ERLR DL L N Q Q Y R P S TVV K A P S C T S V K A M GRLA

CS LDEAMDEM $\square Q E$ GTSS L
S C F S VK N S G K L S
 C S LDD S $\square$ MDKK $\square \mathrm{KDVL} \mathrm{NS} L$

C P VDE A $\square$ NEK $\square$ R D VAS F L
CTMQ DVIN QK IE E D F S S L
CTVDNV L D L K I K A V I D


C S M E E AVVN E K $\quad$ DQ E G A S S L V F R R A A P R S S S L



## QUERY <br> UniRef90_F7CG63 UniRef90-UPI00045DEBF2 UniRef90_UPI0003ACA239 UniRef90-L8YC98

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## UniRef90-F7FTU3

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UniRef90 F7HJN5 UniRef90_F7HJN5
UniRef90 UPIO003 UniRef90-A7S3H5 UniRef90-H2P9T4 UniRef90_UPI00034F5B05 UniRef90-A7SE62 UniRef90-K7GSN8 UniRef90_UPIOOO3509659 UniRef90_L8Y6M0 UniRef90_UPI0004422AC3 UniRef90_S9YR05 UniRef90-UPIO0045DBDFE UniRef90_Q8SPJ2 UniRef90_UPIO003F0E001 UniRef90-UPI0003AB62BE UniRef90_G3VFI1
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 T C P A GFAVVTGCACGSACGSWDVRAETTCHC Q CA A G G G M D WTAA TCPSGFSVVTACTCGSACGSGDVRAETTCHCQCAGMDWTGA TCPA GFEVVTGCTCGSACGSWDVVRADTTAHCCQCAGMMWTGA

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A CDA GTVVVTS C A C G Y G C G S WDVVR G E T T C C H C Q C C N P V V D WT T A SCPS GMTVTGCSCGFACGSWNVQNENVCHCLCPVIDWTVA ${ }_{s}$
ACP SGYK A G G C
S.P A GMAVT G V C S C G S A G S W Di R S D T V C H C Q C R G ID WT SA

T C P R X X X X X X X X X X X X X X X X XV R A E T T C H C Q CA GMD WT GA
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 SCP TGSAVVTSCTCGYGCGSWVVQNGNTCHCQCNVVGWTAA TCP LGGFAVTACTCGSACGSWDVRAETTCHCQAAGM

SCPA GMTATGCACGFACGSWEIMSGDTCNCLCLLVDWTTA

 S C P A G MVA TA C S C G F A C G S W N V Q N E N V C H C L L C P V I D W




TCPA DTAAAVSGCACGMGCGSWD』QSKSTCHCQCAGMDWTTA
QCPA GY LAATGCACGHRCGSWNTDNHGTCHAGCMTXDWTRA SFAVTGCTCGSACGSWDVRAETTCHCQCAGIDWTGA
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SCPAECNPSG
TCPSGFAVTGCTCGSA
YCPKGYEVSGCSC VGCDEYK VVNDN■CQCQCKQT $\square K T T A$ TCPRG
TCPSG
TCPDGFAVTACTCG
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| UniRef90-UPI00045DEBF2 | R C C Y |
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| UniRef90-M3YF68 | R C C H |
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| UniRef90-G5B4N9 | RCCRLQMAS |
| UniRef90-F1PU44 | RCCRLQATA |
| UniRef90_F7FTU3 | R C C |
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| UniRef90-I3MYS2 | R C C RVQ |
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| UniRef90-UPI000444815F | R C C R |
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| UniRef90_Q8SPJ2 |  |
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UniRef90_D2HI85 UniRef90-G3H7D0 UniRef90_UPI00046B4BBF




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