|  |  |  |  |
| :---: | :---: | :---: | :---: |
| QUERY | SVFHNWLLEDACENYFVY | S A NDTGATQVGLY | S G |
| UniRef90＿S1IQ26 | S FFQEWLLRIA GDNYFLYIKRLS | SANDTGAHQVGLYI | S S D |
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| UniRef90－C4RXK1 | SAFHNWLSEKSSGDWHI YI KRL | SGNDTGAHQAGVYI | P A EV |
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| UniRef90－A0A024HVG7 | S LLA E WLQ Q K C A A V WVFVVKRL | SANDTGAHQSGLYMP | P GAV |
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| UniRef90－A8G987 | S DFQNWL TEKSSDNWYIHIKKL | S ANDTGAHQSGVYL | PNNS |
| UniRef90＿S3FGZ3 | DLVEWLDEYGGPDFVWYVKRLS | S ANDTLA HQAGP | PREEV |
| UniRef90－C9QJ40 | S SLKKQWLT SKDTDSWTFY | S ANDT GAHQAG $\square \mathrm{Y}$ | PK D N |
| UniRef90＿A5FU96 | T DLVGWMDEYGVPGAVWFAKRLA | A ANDTGAHGAGPYI | P K E F |
| UniRef90－A0A011U286 |  | S GNDTGSHQAGPY | PR S F |
| UniRef90－H2ISN5 | DEFISEKGNPEWV I Y MKRLS | SANDT GAHQVGI | P K ${ }^{\text {¢ }}$ |
| UniRef90－J9ZE30 | A DLA DWLDEQSRRETLWFAKRL | SANDTNAHQAGPY | PK N |
| UniRef90－UPI0003B3922B | S DFTD WL GVF CAP GVALFVKRL | S GNDTGAHQAGPY | PK D F |
| UniRef90－A0A011SR60 | D WL NEYSGPNYTWYVKRL | S GNDTLA HQAGPY | PKEEL |
| UniRef90＿UPI0002EEA584 | MDEFGRPGFVWYAKRL | S GNDTLAHQAGPY | PK D F |
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| UniRef90－JON5F7 | QA ALLQGQKVFCKFL | SANDTGAHQAGDY | S |
| UniRef90－UPI000407A7BD | GEWLDAHSEGGFLWYVKRLS | S GNDTLA NQAGPY |  |
| UniRef90－R6ETE5 | VLN SRKAYCKFLS | SANDTGGHQAG】 |  |
| UniRef90＿W8CTK2 |  |  |  |
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| UniRef90＿R7B2S4 | CK F L | S ANDTGAHQSGI | S K S A |
| UniRef90－F2NVD3 | F CK F L | S ANDTGGHQSGI Y | P K N S |
| UniRef90－K2D2K9 |  | S GNDTGGHQSGLY | PRDF |
| UniRef90－17FPK5 | SVFHNWLLEIACENYFVYIKR | S ANDTGAHQVGLY | P S GI |
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| UniRef90－D4VIQ1 | SAI QSVQQSKAAWCRFI | TGNDTGAHQAGFYı | PK C A |
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| UniRef90－UPI000478C2B8 | MEMANKFGRFYCKFI | S A NDVGA HQEGLY | S $\square$ N A |
| UniRef90－U2UYE2 | QKA】TVTRQAESAFCKFL | S ANDTGGHQVGI | S R S A |
| UniRef90＿R5UQ53 | F CKFl | YANDTGAHQDGI Y | P K N C |
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| UniRef90－MOTGI8 | THMFCKTL | TASDTSSH GGFSI | PRRA |
| UniRef90－X7F2M9 | F L K T L | S ANDTGAHMGG | P K G D |
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| UniRef90－M0TDD8 | KCKHPTE $\downarrow$ C C | T A S D S THGGFSV | PRRA |
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| UniRef90－UPI0003DE81C4 | R S S K P QPEFFCKQL | TASDT STHGGFSV | PRRA |
| UniRef90－W1Q0R4 | K P A VRS F CKTL | T A S D S THGGFSV | LRNH |
| UniRef90－A9RKP2 | K NVRSFCKTL | T A S D S THGGFSVP | PR R A |
| UniRef90－K7U7P8 | KSKHPTEYFCKNL | T A S D T S THGGFSVP | PRRA |
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| UniRef90－M0U889 | R P AVGH F CKI | TASDT STHGGF | LR R H |
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| UniRef90－I1JQG4 | S R NAAYSFSK L | T P S D S THGGFSV | P K K Y |
| UniRef90－W9SBI6 | SAFSFSKTL | TPSDT STHGGF | PKRY |
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KILGGFALS
QVL G GFA


| $E I L G G G A L K K$ |
| :--- |
| $E V$ |
| $V$ |

K I $\quad$ GGGFVTENSP
$Q L G G F A G D D S$
$Q G G G L G L D Q A P$
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EIARDLFMH
SVF GGVTA】Q
Q
GVI
VS G Q LP LIFRAP
$S \prod A P S L L A \square P G P$
E IMSAAA
EEMSAAA
K I IGGF VTEHSP
EIMSAAA
DVMSAAA
EQMS
$D \longdiv { L } T \mathrm { GLF }$
$S$ L A QGA

YEMARAA

E VMSSAA
$R \ L \square$

[^0]UniRef90_K7KZU2 UniRef90-M0RIP2 UniRef90-M0S1F9 UniRef90-M0S9G7 UniRef90_V7C6Z5 UniRef90-UPI0002C36F6C UniRef90-A5B7U2 UniRef90 ${ }^{-}$M0S1F8 UniRef90_UPI0002C303DC UniRef90_UPI00046E0717 UniRef90_U7E327 UniRef90-MOU4K5 UniRef90-H9B4D7 UniRef90-G7JUG1 UniRef90_V7ARK7
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K A NASKHDF CKTLLTASSDAN K
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G G D K F V S
$K$ V L

FAKTTPSD
FYKTLTASD $\square \mathrm{S} \square \mathrm{HS}$ GSLL
FCKTLTASDT, STHGGFSVPRAT
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QRS P $\qquad$
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E LR
N G E
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Q
R
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GWRECLT $\square \mathrm{D}$
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GGFFHWF $\triangle V V D S V S E A E L D E T Q F G$
GDNGELHVGVHRATT

E
$\mathrm{K} \square \mathrm{S} \square$
$\stackrel{\mathrm{Q}}{\mathrm{E}}$

T G T E

Y R A
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$\frac{L D Q Y}{R K L L G F R K A A \square A Q S T D Q E}$
KGTNC $\square$ F $\square$ H $\square$
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