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UniRef90-F9S5FC
UniRef90 U3A008 UniRef90-UPI00030F4EA1 UniRef90-B5FCD6 UniRef90_B8K8X1 UniRef90_C9NLJ4 UniRef90_C9QDL8 UniRef90-C9P1R3 UniRef90-H2IBS3 UniRef90-B6ENW4 UniRef90-UPI0002F20475 UniRef90-U3C219 UniRef90-E8LY86 UniRef90-U4K9N1 UniRef90-S714M9 UniRef90-E3BIY2 UniRef90_F9T8K5
UniRef90_UPI0002F9CCA8 UniRef90_A6D4H1 UniRef90-T8J9N1 UniRef90-DOZ0Q2 UniRef90_UPI000474C0EA UniRef90-UPIO003940D98 UniRef90-E1SL41 UniRef90-S3EH67 UniRef90-R8AUD6 UniRef90-I2R9A6 UniRef90-M9W7X3 UniRef90-L8J769 UniRef90-A8G1IO UniRef90-Q6LLT3
UniRef90-UPI0003959C77 UniRef90-U2YUD7 UniRef90-W7QQH2 UniRef90_UPI0002D8B9A0 UniRef90_Q089U0 UniRef90-A1SR63 UniRef90-F6EWJO UniRef90-W8XDY1 UniRef90-Q12T01 UniRef90-R8ASQ1 UniRef90_UPIO002D363A9 UniRef90-UPI0003B3970E UniRef90-A3QJ30 UniRef90-A0A010Ql17 UniRef90_UPIO0047ED23C UniRef90-UPI0003B699DE UniRef90-E8XVW3 UniRef90_C4K3G1 UniRef90-SODGS6
UniRef90 V3T1W5 UniRef90-Q1NDR3 UniRef90-D4Z3K1 UniRef90-A0A013VGO2 UniRef90-UPI0004729C71 UniRef90-EOSLF7 UniRef90_UPI00036BE3E2 UniRef90-UPI0002489408 UniRef90-UPI0003A904C7 UniRef90_TOGD26 UniRef90_C4L991
UniRef90 Q0ASQ6 UniRef90-A0A059F9A3 UniRef90-U2NNG4 UniRef90_G8WCE2 UniRef90_UPI000472BE33 UniRef90_J7GGR1 UniRef90-A0A059EFYO UniRef90-D2BSQ5 UniRef90-A0A059DN25 UniRef90-Q0IOE1 UniRef90_C8UAZ5 UniRef90-UPI00037F8461 UniRef90_UPI00040F9532 UniRef90-UPIO00412CE53 UniRef90_V5EAV8 UniRef90-L9BHI6 UniRef90-UPIO003B49153 UniRef90_UPI0003A6787A UniRef90_F2P4Y3 UniRef90-K6XBD0 UniRef90-UPIO0036354E2 UniRef90_V4H333 UniRef90-U1KJN8 UniRef90_A9D5L3
UniRef90_F5ZG06

1 R N I N T L E P EQS KLLMAMFDAKALLERRPYDGWASVVEF RL $N$ V $V$ T T L A P E Q A T L L V A M F D A K D L I E S R P F D G WA S



 RLNVNTI EAEQAPILVAMFDAVQLI EKRPFDGWDNI EA F


 KLNVNTISEDQADILAALFQAKDLI ANRKFDGWDSVESF RLNINTLAPDQAKLLAAMFNAKTVLENRPFDGWSSVDNF


Q Q $R$ N $\mathrm{R}^{2}$


Q RLNI NT Q QL NVNT HI NVNT


## Q

 QL L N V N S L R R P D Q A P L L A L F Q A R A L L Q QRR GK GWR NV G Q F
Q
 $V N V N T L T E K Q A A L L S A L F Q A E Q V L T E R P E S G W K S V D D F$


 RLNINTLEPDHAKLLVAIGDAKNLLESRPFDGWASVDNF I NI NTLLPD QAPL FAMLLQARQLLAQRPVEGYGSTVAF QV NVNTLRPS QA A L LA ALLFPA QQLLHNRPRTGWSSVAAAF

Q K


 I N V N T L T P E S A P L L S A L F M A E RVL LQQRPP Q G WR N L N D F


 $L N D N T M T A D D W P L L V A L F D G E G L L L A R P A S G F A T V E A F$
 $V N V N T L S E$ S Q G P L L A A L F M A T RLL L Q Q R P RE G WS S T T A F
 I N I N T L T
 L NI NTLS LE QAPLLVALYDARALI DSRPAGGWLSKEGF
 QV N V N T L L D S Q A P L L A A L F L T K K L L L R R P R T G W D S V A A F



 $K L N V N T V T E K Q A V L L S A L F Q A Q K I I M B R D A K G W D S V V E D F$ I N I N TVVSEENNAABVI A A L S D A Q S L L L A N R G S E G Y Q T T E A F



QUERY
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UniRef90_F9S5F0 UniRef90_P45781 UniRef90_U3A008
UniRef90_UPI00030F4EA1 UniRef90-B5FCDE UniRef90_Q7MPY9 UniRef90-B8K8X1
UniRef90-C9NLJ4 UniRef90_C9QDL8 UniRef90_C9P1R3 UniRef90-H2IBS3
UniRef90 B6ENW4 UniRef90_V5FFW6 UniRef90-UPI0002F20475
UniRef90_U3C2I9 UniRef90_E8LY86 UniRef90 U4K9N1 UniRef90-S714M9
UniRef90-E3BIY2 UniRef90_F9T8K5
UniRef90 Q6LLT3
UniRef90 UPI0003959C77
UniRef90-U2YUD7
UniRef90-W7QQHa
UniRef90-W7QQH2
UniRef90 Q089U0
UniRef90_A1SR63
UniRef90 F7YPL6
UniRef90 F6EWJ0
UniRef90-W8XDY1
UniRef90 Q12T01
UniRef90 R8ASQ1
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UniRef90_UPI0003B699DE
UniRef90 E8XVW3
UniRef90 C4K3G1
UniRef90_S0DGS6
UniRef90_V3T1W5
UniRef90 Q1NDR3
UniRef90 ${ }^{-}$D4Z3K1
UniRef90_A0A013VG02
UniRef90 UPI0004729C71
UniRef90 E0SLF7
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UniRef90 UPI0003A904C7
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UniRef90_C4L991
UniRef90_Q0ASQ6
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UniRef90_U2NNG4
UniRef90_G8WCE2
UniRef90_UPI000472BE33
UniRef90 J7GGR
UniRef90_A0A059EFY
UniRef90 D2BSQ5
UniRef90 A0A059DN25
UniRef90_Q0I0E
UniRef90_C8UAZ5
UniRef9 UPI00037F846
UniRef90-UPI00040F9532
UniRef90-UPI000412CE53
UniRef90_V5EAV8
UniRef90 L9BHI6
UniRef90_UPI0003B49153
UniRef90_UPI0003A6787A
UniRef90_-2P4Y3
UniRef90 ${ }^{-}$K6XBD0
UniRef90_UPI00036354E2
UniRef90_V4H333
UniRef90 U1KJN8
UniRef90_A9D5L3
UniRef90_F5ZG06

LA QP L LA DVDERTKK QLKTVVLSVD
MAEPAIVGVSAElSKQAKAYLTVD LA E S QL A S L S DEVVKKRAKA HL GV D LA Q S AL T GVDNAVREEAKKYLSVD LAEPAI ASVDENVRKQARQYLAVD MA E A D I A A V N E KTKK K A K S Y L S LAA E G P I S S R V E E K V V R K Q A A K D Y L
L L E G A F A S I I K Q E T L K P I K G Y L

L S E K E F A S VVK E E QKKKE A K A Y L L

| $L$ | $A$ | $E$ | $P$ | $A$ | $l$ | $A$ | $A$ | $V$ | $D$ | $N$ | $A$ | $R$ | $R$ | $E$ | $E$ | $A$ | $R$ | $A$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $L$ | $Y$ | $L$ | $S$ | $V$ | $D$ |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $L$ | $E$ | $S$ | $E$ | $L$ | $A$ | $G$ | $L$ | $N$ | $E$ | $N$ | $I$ | $T$ | $K$ | $E$ | $A$ | $K$ | $A$ | $Y$ |
| $L$ | $G$ | $V$ | $D$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


L L E


$\left.\begin{array}{l|llllllllll}L & A & E & G A F S & G M & N & E & E & V & V & E\end{array}\right)$






WA Q G E L S G I D
WEEPAMQRLQ VDAQAKSTLAVD
IS E P K I A S I HK SI LN QAQQYL GV D
L Q T P A L A A D V D S S A V K Q R L K T L L
L A S P Y L K R V D E NVVR K Q A G E F L T V
LALP AL QQSDTAAARPWLTVHS


TA E S A I A S I S S G A V K D K A K T H
WD Q P A L A G LT T P S AR
WQQP E I K A liccoll




| $L$ | $A$ | $E$ | $A$ | $A$ | $L$ | $A$ | $A$ | $V$ | $E$ | $S$ | $K$ | $V$ | $K$ | $E$ | $E$ | $A$ | $K$ | $Q$ | $Y$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $L$ | $A$ | $V$ | $D$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $W$ | $A$ | $V$ | $P$ | $A$ | $L$ | $E$ | $G$ | $L$ | $S$ | $P$ | $E$ | $V$ | $Q$ | $Q$ | $Q$ | $V$ | $K$ | $G$ | $F$ |
| $F$ | $G$ | $V$ | $D$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

L A Q P T L Q K T D T T L A A R P WLTVVH S

WAEPELAALDDTARGKLAPQLA






WK L P S L VGL SPEVAE QVK
WRAPSLAGLSEEAARQVK



WRLDPALDKALDMVVRNETM
$Q K E L E T N P Q T K D A L K Q V Q A F L A V N$

WA L E A I Q A L D P D A
LVEDVVNRI APDARNEA
L A $Q \mathrm{~V}$
L A QE A L K D RD T S A I K Y V L T V K S

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

L Y Q S A A K P L V D S L K K Q $\square$ T T




ST
$A A$

| $L$ | $D$ | $S$ | $Q$ | $L$ | $K$ | $G$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $L$ | $A$ | $L$ | $P$ | $Q$ | $L$ | $A$ |
| $A$ | $G$ | $M$ |  |  |  |  |

$\bar{M} T H P M L T G D S$
MTHPMLTGI
LE S DLL T $D$ K $\square$ I PE D VQS QLS V
L A Q E AL K EMDTSEVS PVLAV
L D APP L K D ID TS A AMPVLAVSS

WAP LAA S S G $\square$ S E E V G Q QV $K$
$M K L P$ QVD QKES E DQKKKKE QY LT V
FNDPSI QALLEPRLSEE QKKWFDV
LAA E P A V R E
F TEAKNQGAQDTKKAE
FTEAKNQGAQDTKKAE
$Y S E A A N Q G A S D K Q K N D$
TE $\square S S$ S I S L MTADA A LK S S F A V
LAEPSVVEALSSDSRKEWFTVF
UniRef90_UP100036BCA3F UniRef90-EOTBQ7 UniRef90-A0A059FUV9 UniRef90-A1S1Y1 UniRef90-UPIOOO46F264E UniRef90 WOAF25
UniRef90 D4ZEA4 UniRef90-D4ZEA4
UniRef90-K6YIC3 UniRef90-UPIOOO2885744 UniRef90-UPIO00478B7E1 UniRef90- $\mathrm{OOC120}$ UniRef90-G4QNE9 UniRef90-Q2C2K8 UniRef90_UPIOOO3820C17 UniRef90_B1KN20 UniRef90-AOAO59E3W9 UniRef90 U1KKVO UniRef90-F7NYC2
UniRef90_UPIOOO37FOF12 UniRef90-19P0C1
UniRef90-A6FGY8
UniRef90-G7FQG8
UniRef90-J10083
UniRef90-AOAO31HSTO UniRef90-M4U159 UniRef90_UPI0003B47600 UniRef90-UPI0004659097 UniRef90-K7A344 UniRe990-UPI0002DB9ABA UniRef90-R7U138 UniRef90-FOBB19
UniRef90
G2S4W4 UniRef90-C6C312 UniRef90-G21RJ1 UniRef90-G7UPN1 UniRef90_A0A059G679 UniRef90_K2JSR9 UniRef90-M2SCK2 UniRef90-M4SAU8 UniRef90-C4S9G0 UniRef90-C4UN54
UniRef90-X5GQN7 UniRef90 P31706 UniRet90_C4UE36 UniRef90-UPIIOOO368B934 UniRef90-UPIIOOO3741E49 UniRef90-UPIO0026CD774 UniRet90 D2TMH1 UniRef90-E6RMX8 UniRef90-G2LRS8
UniRef90 R1FAZ5 UniRef90-BORNT5 UniRef90-UPIO003AA3205 UniRef90-UPI00040B88FE UniRef90-V7Z8N1 UniRef90-A8AIN1
UniRef90-I1E152 UniRef90- B8GXSO UniRef90_S6HRJ6 UniRef90-UPIO0037833CF UniRef90_U1M9J7 UniRef90_A4CETO UniRef90-UP100031C33DC UniRef90-UPIO003748A86 UniRef90-K6ZB48 UniRef90-A3WP18 UniReffo-F3BNB2 UniRef90-T0K130 UniRef90-B4WDQ8 UniRef90-P15750 UniRef90_A0AO17765 UniRef90_U1L8R7 UniRef90-UPIO003F551E7 UniRef90-UP1000464AD7C UniRef90_UPIO00306F39E UniRef90_R9PFI1 UniRef90-UPIOOO39EB19D UniRef90_N9TYZ3 UniRef90-F4AHJO UniRef90-UPIO0026C932A UniRef90-L8D9N0 UniRef90-woL502 UniRef90_UPIOOO47A554A UniRef90-UPIO00219899F UniRef90 UPIOOO369E404 UniRef90_UPIoo034BA510 UniRef90-A6V158 UniRef90-E6WR47 UniRef90-Q47VE1 $Q \longdiv { L }$

 QLLN N T L KVE QA A L LVGGMLDAESII NQRPSEGFDNDDEF

KV DVMTLKPEQAPLLAAMFDAGRLI DARPATGWESMETF


$V N V N T L P S D R A A V L A A L S D A E G I L G A R P E E G F D S L D Q V$
QEMNI NTMTEADAPLVAMLARARQAI AQRPAAGWENVADF

RININTLSQAQAPLLSALFEAQQLI ASRPANGWNSVND

RININTLSPAQAPLLAALEEAYKLI DSRPVTGWNS I N DI
I NINTLDAEKPELLQALLDAQQULSARDSSGYENKADF
$K L N A N T L R V F D A P L L V A L V G A Q R V L A E R P A A G Y A D N A A F$
KLNVNTLLPEQAPLI AMLEAVRQVLDQRPAAGFANSTAF
VNVNALTERDAPLLAALEDAKALLRKRPEEGWQNVDAF


QVNI NTLARADAAVLVA IAAEARRLIAARPA GGWRDVVAF


K V D V N T L K P G Q A PL L SAMSDAARLI A S RPEE GWA S V DAF
QLNVNTLTEDTAVLLAALIPALDLIASRPEQGFATLDEV







LNVNTLLPD QAPLVAMLLQGQQILAQRSPDGYGGVPQF

I N L N M L T E N D L L L L R A LEDA QVL L Q K R P K E G WLTT TD A F

I N V N T L T R D D E A P L L S A L F D DV M R L I D Q R R P E A G W E S L E A F


KINVNTI DEES DAVLAALTGAQDIISNRPDDGYQTKDEF
K I $N$ N V $N$ N T V L
KI NI NTLEAEHAMLLSAVIPAEAAI SARPEQGYEKVTDF
$V N V N T L R E S Q G A L L A A L T E A S Q L L Q Q R P R E G W S S M L E F$
$V N V N T I T K E N A V V L S A L L G G A D I I G G S P P E G F Q S D E E F$

VNI NTI R P E Q A AL LVGGYDAKRVLTSRPKKGWKNKQEM





| UniRef90 UPI00036BCA3F | $\text { WT DPA\|IT A\|L\|N } \begin{aligned} & 50 \\ & \mathrm{~N} \\ & \hline \end{aligned}$ |
| :---: | :---: |
| UniRef90-E0TBQ7 | LS LPVFFS QL D PP LED T M A D R LS T E |
| UniRef90-A0A059FUV9 | V D NSVIK A I A E P AR R D |
| UniRef90_A1S1Y1 |  |
| UniRef90_UPI00046F264E | WK L VT L P Q Q A D T F K S A |
| UniRef90-W0AF25 | WKL P ALEALVPPMQA |
| UniRef90-D4ZEA4 | T NLS S I S S L |
| UniRef90-K6YIC3 | FAESLFT NHTLLSAQQQSWFDV |
| UniRef90-UPI0002885744 | LA Q A AVQGSTADAAD |
| UniRef90-UPI000478B7E1 | YAQPEI Q ALLQS D TRRNW |
| UniRef90-Q0C120 | E A L P D I R T I P E G Q K R |
| UniRef90_G4QNE9 | F S EPEI VA L N L S A E Q K A |
| UniRef90_Q2C2K8 | MKE LPQGDQANKQEQQKKY LTV |
| UniRef90_UPI0003820C17 | LQDPAIAALL ELDNETQRSWFSV |
| UniRef90-B1KN20 | K ENS SV |
| UniRef90_A0A059E3W9 | L L S E NVVS $\square$ A P E L R R E L S TVVS V |
| UniRef90_U1KKV0 | YA EVVANQG S GK GSKPSK LIF TVVD |
| UniRef90_F7NYC2 | WASPQLA NTS VT DEVKAMMTIN |
| UniRef90_UPI00037F0F12 | WNLP EIIKAISSSDKK Q |
| UniRef90-19P0C1 |  |
| UniRef90-A6FGY8 | WALAT L K GLEMSATEK |
| UniRef90_G7FQG8 | $F E Q V Q Q Q G G T N T \quad E S V K D L F S T$ |
| UniRef90_J1Q083 | LQSPA LIA GL TVPA DVKA ALDAV |
| UniRef90-A0A031HST0 | L N |
| UniRef90-M4U159 |  |
| UniRef90_UPI0003B47600 | LDNPLFNGVDADSVARLRRLLTV |
| UniRef90_UPI0004659097 | WD A P GLR G |
| UniRef90_K7A344 | LA D N A I T A L N M P S ERE |
| UniRef90_UPI0002DB9ABA | FEQ V NQQGAQNVKSV |
| UniRef90_R7U138 | TS QP |
| UniRef90-F0BB19 | WK Q P A L A A LP D A VF Q Q 1 Q |
| UniRef90-G2S4W4 | SKEHAFPQLK D DLP QVAEQFA $\mathrm{S}^{\text {P }}$ |
| UniRef90_C6C312 | MSMSQMP E E G K S G A N K L L A |
| UniRef90-G2IRJ1 | $R S \square P A \square A R L N$ |
| UniRef90_G7UPN1 | WS HPVLAALPNPVLQQVQ |
| UniRef90_A0A059G679 | LQ NEHI Q T I A VA ARD D |
| UniRef90_K2JSR9 | WEEPALAS L Q D |
| UniRef90-M2SCK2 | LN APS P P I S GEA N $\square$ GQA LGVD |
| UniRef90_M4SAU8 | WNL |
| UniRef90_C4S9G0 | K P L I A D S N T T A K A Q T A $\square$ T LT S D |
| UniRef90_C4UN54 |  |
| UniRef90-X5GQN7 |  |
| UniRef90-P31706 | Q Q G L LP P N K N T A Q RVLAV |
| UniRef90-C4UE36 | KPFI A G NNTAFAKA Q TVIT |
| UniRef90-UPI000368B934 | F NLPPELTKVNLEEWQKA Q |
| UniRef90-UPI0003741E49 | WR HRAFE GLD Q S VRSR】 |
| UniRef90_UPI00026CD774 | WA Q A V R S |
| UniRef90-D2TMH1 | L Y Q A Q |
| UniRef90-E6RMX8 |  |
| UniRef90_G2LRS8 | LS QPALLA ELS N AVLE QL |
| UniRef90_R1FAZ5 | T S L P A L A A |
| UniRef90-B0RNT5 | F R Q P A L Q V |
| UniRef90_UPI0003AA3205 | WA R DEI SRIK Q A E A R |
| UniRef90_UPI00040B88FE | FEEVQQQG |
| UniRef90_V7Z8N1 | LS Q P A L I Q A E P S |
| UniRef90 A8AIN1 |  |
| UniRef90-I1E152 | F S S TELLAGD T V S D T K S L L T |
| UniRef90-B8GXS0 | WGQQALVA TPP GVRDQ $\mathrm{V}^{\text {P }}$ |
| UniRef90_S6HRJ6 | WQLP A F K N $\square \mathrm{K} \square \mathrm{SV} \mathrm{V}$ M Q K N S L S Vie |
| UniRef90-UPI00037833CF | L NL |
| UniRef90_U1M9J7 | 1 N |
| UniRef90-A4CET0 | 1 A E |
| UniRef90_UPI00031C33DC | WR P LALLQ |
| UniRef90-UPI0003748A86 | WN ALS L G GMD A K A Q T GVK SVLT $\mathrm{V}^{\text {V }}$ |
| UniRef90_K6ZB48 | F S EPEI K Q LT D D Q K K |
| UniRef90-A3WP18 | LQ D S L T G |
| UniRef90-F3BNB2 | F E QVK Q Q G |
| UniRef90 E3G243 | E E Q |
| UniRef90-TOKI30 | WD LIF K A M $\square$ D P E A G Q Q VKGF F R V D |
| UniRef90-B4WDQ8 | WS QPALK GFDDETRGQV |
| UniRef90-P15750 | LS QPALLQKTD T A A ARPWLAVHS |
| UniRef90-A0A0171655 | WA QQD F S GVK P L V Q VKEHL |
| UniRef90-U1L8R7 | Y TEDVA Q GVK C |
| UniRef90-UPI0003F551E7 |  |
| UniRef90_UPI000464AD7C | K T Q L E Q Q F P VK S Q A A S LD K Y LT LT |
| UniRef90_UPI000306F39E | LS LAAT LK D I E $\square$ N A A E K |
| UniRef90_R9PFI1 | M T HPALA GI |
| UniRef90_UPI00039EB19D | WNRPALA A LP NPVLQQVATYFDLD |
| UniRef90-N9TYZ3 | L Q Q |
| UniRef90_F4AHJ0 | LA V N T $\square$ S A L N M P S E R E |
| UniRef90-UPI00026C932A | WS Q S |
| UniRef90-L8D9N0 | IEELLKKQGAKD LTNKDELLTVN |
| UniRef90-W0L502 | L A L P A LQ N I D T S Al K P ALLAVVS |
| UniRef90-H5TAS2 | $\mathrm{L} N \mathrm{~L}$ S EVQAL S L L S Q Q K W WF KV |
| UniRef90_UPI00047A554A | TD R M GVPPLES $\quad$ K G L K E A L V V |
| UniRef90-UPI000219899F | T E Q L Q VQ |
| UniRef90-UPI000369E404 | RATPALE G L D |
| UniRef90_UPI00034BA510 | TTEVKKQG |
| UniRef90-A6V158 | 】E Q PL L S G R K VEASERFRAVLDV |
| UniRef90_E6WR47 |  |
| UniRef90_Q47VE1 | L K L K E LT K VRLLEK WQ T A |
| UniRef90_K2KBP9 |  |



[^0]

| UniRef90 L1QR62 | $\text { WA QPA } \square \text { A GVDEEAKGQV } \quad 60$ |
| :---: | :---: |
| UniRef90-A0A023V641 | LYYQSAAKPLT DS LKKQLTA |
| UniRef90-Z5XKV1 | FEQVNQQGAQN VEAVKDLFTDN |
| UniRef90_UPI0003B30CA6 | WADPLIAAL ELSDEAK |
| UniRef90-D2ZAE1 |  |
| UniRef90-Q31LN3 | F E |
| UniRef90-UPI0004683C1A | M A E |
| UniRef90-P31760 | T D Q |
| UniRef90-X4UNL4 | T DQGNDQGLDA A L |
| UniRef90-W9AB23 | MK L |
| UniRef90-F4D7X5 | LM T D MLA P VDS VKGLK A L V V |
| UniRef90-E6W4U0 | L A HPLLA GMEVSS Q |
| UniRef90_Q2G8J3 | L R |
| UniRef90-U3H2J3 | MEQPLLHGREVSSRE LGVD |
| UniRef90_UPIO000E10DE0 | FGESEMTGLS |
| UniRef90-F3WWI7 | WA Q |
| UniRef90_UPI00046AFD56 | P A FQQ T L A $\quad$ R |
| UniRef90_S6ITS8 | $\square E Q P L L Q N$ |
| UniRef90_UPI0003744E1D | WS N NP S A V S G Q K E K Y K A Y F DV |
| UniRef90-L8MHV0 | LE QPALH G |
| UniRef90-B4RFJ4 | A A L P AV Q A D D D T GR |
| UniRef90-14XPF0 | LDAPVLK Q |
| UniRef90_F7S069 | RQQGEI Q NL |
| UniRef90-A8GJP8 | D WQKALAGL |
| UniRef90-U2XVP3 | WQ M M F K A P P T VR G Q F $\square$ T L L T V D |
| UniRef90-N9W549 | WEARS LARLD P |
| UniRef90_UPI00035F1943 | WQR\ADESLA GRLD A QVRP QLR V |
| UniRef90_C6XJ54 | F S L S VF |
| UniRef90_UPI00035CBC81 | A F A GLLK P |
| UniRef90-UPI00042A5C35 | LAHPLLAA PGLREALAEHLT |
| UniRef90_W6LXC1 | L NAAKLT VEAPVKAGLS |
| UniRef90-K6ZVW5 | LNEPSVQA Q L S A EKKWFDV |
| UniRef90-X0QR67 | WKLPMLSVLNDDQRKALKPMLAVD |
| UniRef90_V5ZBI5 | THSLINMTTIAPA】 ALLLQSVLA |
| lupas_21 |  |
| lupas_14 |  |
| lupas_28 |  |
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| conf | 860124677468999998733899 |
| sol25 |  |
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[^0]:    lupas_21
    lupas_14
    lupas_28
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