UniRef90_R6BNT1 UniRef90-G1WM41 UniRef90-R5Z7T8 UniRef90-D4LQB5 UniRef90-D4MVX7 UniRef90-R7GV25 UniRef90-R6LRK9 UniRef90_C7G565 UniRef90-R6V2K1 UniRef90-R5N214 UniRef90-A8SHX6 UniRef90_D4J7K9 UniRef90-R7NKY5 UniRef90-R6L581 UniRef90-R7C1J7 UniRef90-R6K306 UniRef90-R71128 UniRef90-R6M590 UniRef90_R7C694 UniRef90_R7ISIO UniRef90-U2KAE3 UniRef90-R5UYY2 UniRef90-R5U519 UniRef90_R6QBP8

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lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
jhmm
jpssm
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QUERY
UniRef90_R6BNT1
UniRef90-G1WM41
UniRef90-R6GB89
UniRef90-R5Z7T8
UniRef90 ${ }^{-}$D4LQB5
UniRef90-D4MVX7
UniRef90-R7GV25
UniRef90-R6LRK9
UniRef90-C7G565
UniRef90-R6V2K1
UniRef90-R5N214
UniRef90-A8SHX6
UniRef90-D4J7K9
UniRef90-R7NKY5
UniRef90_R6L581
UniRef90-R7C1J7
UniRef90-R6K306
UniRef90-R71128
UniRef90_R6M590
UniRef90-R7C694
UniRef90-R7ISIO
UniRef90-U2KAE3
UniRef90-R5UYY2
UniRef90-R5U519
UniRef90_R6QBP8



EF $\quad$ DD Y VM N F N T V $V$ R Y D Y Y G D ${ }^{60}$ A S Y T N L M A S Y G T K H S A D S WW

E F DD Y VMNFN T V R Y D Y Y G D D A S Y T N L M A S Y G T K H S A D S W W A Y GDLGANMQTVRWDYYGNDSTYTNKLATYGTKFAADNWM D Y G DLGANMQAVKWTYYGDDATYTNAKASYGTKFAADNWM NYGDLGANMQAVKWTYYGNDSTRSKA LIATYGTKFAADNWM D Y G DLG GANLLQSVKKWFYGDDSTYTTTVVKTYGTKAAADNWM NYGGLGGAMQAVKWTYYGDDDTYSNALQSYGTKAAADNWM DYSALGGDKMQAVKWTYYGNDSTRTKALASYGTKFAADNWM NYGDLGANMQAVRWDYYGDDSTYTKCLAASYGTKFAADNWM NYGGLGSAMQAVEWTYYGDDASYTTPVRTFGTKFAADNWM GYGALGADMQAVEWTYYGSDSTYTDPLQSYGTKFASDNWM NYGGLGGSGMYATRWTYYGNDSTYTTALASYGTKFAADNWM GYG D L GANMQAVRWDYCGDDATGTKVLVRSFGTKAAAAN WM D Y G DLA A NMQAVVKTYYGSDSTYKNALATYGTKAAA DNWM GYGALGSKMYAVRWDYYGDDNSYNNKLVSFGTKFASDNWM GYGDLGAAMQAVKWTYYGNDSTCTNALQTYGTKAAADNWM A Y G DLLGSNMQAVITWTYYGYDDTYSKP LATYGTKAAADNWM NYGDLGANLQAVKWTYYGQDSTRTNALATFGTKFAADNWM A Y G ELGGANMQAVVRWYYGTDAEKDQPDVSFGTKFAACNWM EYGALGAKMQAVKWTYYGNDSERKTALANFGTKFAADNWM Y GPLGSRMQAVKWTYYGTDSTRTKAIAASYGTKFAADNWM NYGDLGANMQSVDWKYYGENDTTGTPLAVYGTKFAADNWM DYGDLGAHMYAV RWDYYGDGDT VYGATYGTKFAA DNWM
 EFK D Y $\square Y$ Y $V Q G A K \square E Y \square G E D G T A T P V V A \quad G A K F A S D \square W \square$

QUERY<br>UniRef90 R6BNT1 UniRef90-G1WM41 UniRef90_R6GB89 UniRef90-R5Z7T8 UniRef90-D4LQB5 UniRef90-D4MVX7 UniRef90-R7GV25 UniRef90-R6LRK9 UniRef90_C7G565 UniRef90_R6V2K1 UniRef90_R5N214 UniRef90-A8SHX6 UniRef90-D4J7K9 UniRef90_R7NKY5 UniRef90-R6L581 UniRef90-R7C1J7 UniRef90-R6K306 UniRef90-R71128 UniRef90-R6M590 UniRef90-R7C694 UniRef90_R7ISIO UniRef90-U2KAE3 UniRef90-R5UYY2 UniRef90-R5U519 UniRef90_R6QBP8

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A D VRFL
FEVQ
YTFQV
Y NFE
YKF
YK F
$\mathrm{F} R \mathrm{FQQ}$
$\mathrm{V} N \mathrm{FE}$
$V N F E$
$Y S G$
$Y S F$

$\mathrm{Y} K \mathrm{FQ}$
$\mathrm{F} V \mathrm{~V} \mathrm{Q}$
$\mathrm{V} K \mathrm{~F} Q$

| $\mathrm{Y} Q \mathrm{FQ}$ |
| :--- |

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VQFQ
$\mathrm{V} Q \mathrm{~F}^{\mathrm{F}} \mathrm{Q}$
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N
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FDIQ


| Y | D | E |
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