UniRef90 F8SPF3 UniRef90-P08325 UniRef90-Q9WH76 UniRef90 L7Z986 UniRef90-Q85212 UniRef90-M4VS08 UniRef90_P04888 UniRef90-I1SV82 UniRef90_Q5K2K5 UniRef90-I1SV89 UniRef90-K4FCJ4 UniRef90_U3LZD6

```
lupas_21
lupas_14
lupas 28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm
```

QUERY UniRef90 F8SPF3 UniRef90-P08325 UniRef90-Q9WH76 UniRef90_L7Z986 UniRef90-Q85212 UniRef90-M4VS08 UniRef90-P04888 UniRef90_I1SV82 UniRef90_Q5K2K5 UniRef90_I1SV89 UniRef90_K4FCJ4 UniRef90_U3LZD6

```
lupas_21
lupas_14
lupas_
jnet
sol25
sol5
sol0
jpssm
```

QUERY
UniRef90 F8SPF3
UniRef90-P08325
UniRef90-Q9WH76
UniRef90-L7Z986
UniRef90_Q85212
UniRef90-M4VS08
UniRef90-P04888
UniRef90-I1SV82
UniRef90_Q5K2K5
UniRef90-I1SV89
UniRef90_K4FCJ4
UniRef90_U3LZD6
lupas_21
lupas_14
lupas 28
jnet
conf
sol25
sols
solo
jhmm

1
QLRYEKFFF TVKMTVRSNRPFRTYSDVAAAVSHWDHMY ${ }^{20}{ }^{40}$ QL RYEKFHFSLKMTVRSNKPFRNYDDVAAAVSNWDHMYIG LRYEKFRFMLKMTVVSNKPFRSYDDVTAAVSQWDNSY G K LQYKCVVNI NADNPFRDFREADSAMQFWEADYSG KLQYKCVVLQVRSESPFTSYLDAVDNVANWEKQYNG KLKYSCEVQVRADRPFSGVLEAADAIARWEMDYRG MRYHVELDVKLDTPLKTMSDLLGLLKNWDVDYKG KLQYKCSI QL RAEFPFVSYSEVVMALSQWDEEYRG

 FRGSLRIVSNKMFKSFEEAVLVSSLWEKDYDG





QUERY
UniRef90_F8SPF3
UniRef90_P08325 UniRef90 ${ }^{-}$Q9WH76 UniRef90 L7Z986 UniRef90-Q85212 UniRef90-M4VS08 UniRef90 P04888 UniRef90-I1SV82 UniRef90_Q5K2K5 UniRef90 - I1SV89 UniRef90-K4FCJ4 UniRef90_U3LZD6
lupas_21
lupas_14
lupas 28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm

QUERY
UniRef90 F8SPF3 UniRef90-P08325 UniRef90-Q9WH76 UniRef90 L7Z986 UniRef90-Q85212 UniRef90_M4VS08 UniRef90-P04888 UniRef90 I1SV82 UniRef90_Q5K2K5 UniRef90-I1SV89 UniRef90-K4FCJ4 UniRef90_U3LZD6

130
140
150
160
EAAPMITWDHFNSSKFSDFREKALMFGLIVEKKASGAWVLD
DSAPVI WDHFNASRLSSFREKALLFGLI LEKKATGNWVLD EKVPHVWDYMNPKYQSQ QQQEGLKFGLILSKKATGTWVLDD SELEPI LINPVNFRDDREMDEGAAIMGLEEKKQKDNTWLI KHGLNLI KECQVISPANFRKYLDLVGLEAACSATGEWILD

 D D L D DLENPLI D ELLP PMIGGPAEFSDATEFNTGCEVLGIVIVEVQDNTWVV. DMDPTLDQULNPS $\square F S E F D S G C K M L G U E F K E D G D$


S V S H
S I S H
QL S
S K S H
WTS
SK S Y
ST
WT
$\begin{array}{ll}S K & \text { S Y } \\ S K S Y\end{array}$

B
B

```
```

4599

```
```

4599

```
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm```

