```
QUERY
UniRef90_S6EG03
UniRef90_C5E0Z1 UniRef90-G8ZVC5 UniRef90 A7TFS7 UniRef90_GOVGX2 UniRef90-G8BTK8 UniRef90-C5DM67 UniRef90-G0W8F2 UniRef90_Q6FSE1 UniRef90-12GXE9 UniRef90 Q6CTR2 UniRef90_H2AV95 UniRef90-J7SBF4 UniRef90_G8JRB0 UniRef90- Q75F07 UniRef90_KOK9P8 UniRef90-W6MMX7 UniRef90-C4R0H7 UniRef90-Q178J5 UniRef90_E9EN95 UniRef90-M7SU22 UniRef90 U4KWW9 UniRef90_N1JHC1
```

```
Lupas_21
umas_14
luas=28
jnet
conf
sol25
sol5
sol0
jpssm
```

QUERY
UniRef90_S6EG03
UniRef90-C5E0Z1
UniRef90-G8ZVC5
UniRef90-A7TFS7
UniRef90-GovaX2
UniRef90-G8BTK8
UniRef90-C5DM67
UniRef90- Gow 8 F2
UniRef90-G6FSE1
UniRef90-I2GXE9
UniRef90-Q6CTR2
UniRef90-H2AV95
UniRef90-J7SBF4
UniRef90_G8JRBO
UniRef90-Q75F07
UniRef90-K0K9P8
UniRef90-W6MMX7
UniRef90-C4ROH7
UniRef90-Q178J5
UniRefofo-E9EN95
UniRet90-M7SU22
UniRet90_U4KWW9
UniRef90_N1JHC1
lupas_21
lupas_14
lypas_28
jnet
conf
conf
solt
sol0
jhmm
jpssm

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| M ${ }^{\text {a }}$ |  |  |  |  |
| MLEQFA | P G G Q V V | VYQFNCLGKKFAEGQ | N R | S HFLS S |
| ML E Q F V V F | S G G Q V | NCLGKKFAETQ | N R | S HLL S |
| M FEQFCI | QGDV | - | NRF |  |
|  |  | LYEYNPLNKKAMLNQV |  | SHLVN |
| MFDQLTI | Q GQV | FKYNCQGKKFAELQ | NTF | S K |
| MFDQLA | FTPQGEVL | QV |  | N HL M |
| M ${ }^{\text {d }}$ D Q F V V |  | N H |  |  |
| M FEQLA | Q | LYQYNCQGKKFSEHQI | N A FI | S K L |
| E QL | Q GEV | LYYYNCYDRKFAEAQV | - A V | S HL |
|  |  |  |  |  |
| D Q FA | NL | Y GYNSLNKKFSETQ | NRFV | S EF |
| E QLA | Q | YEFNCQGKKFNETQ | NAFV | S QLI V S |
| EQLA |  |  |  |  |
| M 1 D Q | Q G QL | CKYNALGKKFSEQQF | NK | HTL |
| MID Q | Q G Q | Y A SLKKRFSEQLC | N K |  |
| MIDQFVI |  |  |  |  |
| MVDDFEI | PS GKV | VYKYE QQKNFRPSI | NS F V |  |
| MSEQ | K GTVV | LFKDE DRKVPDRVV | N G L |  |
| M L D | G G |  |  |  |
| M $\mathrm{L}^{\text {D }}$ | T N G V | WKYAPIN N S SVV |  |  |
|  | S GV V |  |  |  |
|  | TS GILL |  | $\checkmark$ N S I |  |
|  |  |  |  |  |





UniRef90_S6EG03 UniRef90-C5E0Z1 UniRef90_G8ZVC5 UniRef90 A7TFS7 UniRef90-GOVGX2 UniRef90_G8BTK8 UniRef90 C5DM67 UniRef90-G0W8F2 UniRef90_Q6FSE1 UniRef90-I2GXE9 UniRef90 Q6CTR2 UniRef90_H2AV95 UniRef90-J7SBF4 UniRef90_G8JRB0 UniRef90- Q75F07 UniRef90_KOK9P8 UniRef90_W6MMX7 UniRef90 C4R0H7 UniRef90-Q178J5 UniRef90-E9EN95 UniRef90_M7SU22 UniRef90 U4KWW9 UniRef90_N1JHC1

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

QUERY
UniRef90 S6EG03
UniRef90-C5E0Z1 UniRef90_G8ZVC5 UniRef90 A7TFS7 UniRef90-GOVGX2 UniRef90_G8BTK8 UniRef90 C5DM67 UniRef90-G0W8F2 UniRef90_-Q6FSE1 UniRef90_I2GXE9 UniRef90 Q6CTR2 UniRef90-H2AV95 UniRef90-J7SBF4 UniRef90_G8JRB0 UniRef90 Q75F07 UniRef90-KOK9P8 UniRef90_W6MMX7 UniRef90 C4R0H7 UniRef90-Q178J5 UniRef90-E9EN95 UniRef90-M7SU22 UniRef90 U4KWW9 UniRef90_N1JHC1




 KSGKNEHNYCEVLQDLLNETVI KTAKY F K TEKNWHN KGVKNRHNYDLLYGTENDFKKFKEY NSRDHTWEGCDSNNKFDEY TGKKNAFNCIDD SGEDSEDIEKFDNY L


Y L G S WD DLDE HL VK F DKY L
K S K K NRHNYTWLLEGAEDK LLQFEQFF KEPKGSI TLEAVQEELFKFEKYF $N Q K H P L Y Q L E E E R V K F D R Y$ L

SNFNFQDDFTR\|LEQAEK EQLKKPHTTIVECTG

F D N Y F

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