```
                                1                   10                  20                  30                  40
QUERY                           G F E R T F G A F P P W L L E R Y L E E W G G T R E G E G V Y R L P G A V V R F
UniRef90_B7A9C5                                 A L P P W L F E A Y L C S W G G E K E A E G V F R L P G A R V R F
UniRef90_K7QW71                 F R Q D Y G G L P A W L L E E Y L R S W G G A K E G E G V Y R L K G A W V R F
UniRef90_E8PR42                 F A Q R F G A L P A W L L E R Y L S E W G G R K L E E G V Y A L P G A R V R F
UniRef90_E4U9C5                 W R A E L G G V S P W L L A D Y L R R W G A V E A D D G   W R V D G A W V R F
```

```
lupas_21
lupas_14
lupas_28
jnet
conf                            9 9 9 3 2 5 6 6 6 3 6 8 9 9 9 9 9 9 9 8 5 1 3 1 0 2 5 8 6 5 8 8 6 4 7 1 6 9 9 9
sol25                                       B B B B B B B B B     B B     B                 B B B     B   B B   B B B
sol5                                                B     B B     B B                                 B     B   B   B
sol0                                                              B
jhmm
jpssm
```

```
                                50                  60                  70
QUERY                           R E V E P L K V G S L S I P Q L R V E V E G E E A E R W F E R I A F A A S R
UniRef90_B7A9C5                 A E A P P L E V G S L R I P R L R V E V E G E A A E A W W G R I A L A A S R
UniRef90_K7QW71                 F E V E P L Q V G R L S V P R L R V E V E G E E G E A W A G R I A L A A S R
UniRef90_E8PR42                 A E A E P L R V G S L S L P Q L Q V E V E G E E A E A W F Q R I Q L A A A R
UniRef90_E4U9C5                 R A L P P R V V G G L R T S R L E V E V G G A E A R R W A E R I S V G A M R
```

```
lupas_21
lupas_14
lupas_28
jnet
conf                            8 4 4 5 2 1 2 3 3 6 6 1 1 1 3 7 7 7 6 3 4 2 1 4 8 9 9 9 9 9 9 8 5 1 1 4 7 9
sol25                               B   B     B B   B   B     B   B   B   B     B     B B   B B B B B B
sol5                                                            B                         B       B
sol0
jhmm
jpssm
```