```
                1         10        20        30        40
QUERY           S P G H K T Q P F L H D G Y A V S W N T V E D S I I R T G F Q G E S G H D I K I
UniRef90_K6UNZ7   R P A V S L G L R A G W K T E E D A K L H I G S Y G M K F Q R I V L

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

                          50        60        70        80
QUERY           T A E N T P L P I A G V L L P T I P G K L D V N K S K T H I S V N G R K I R M R
UniRef90_K6UNZ7   S A E E K E I P F V R A A V A V D S K F L K I N G P R S F V V Q N G I K T P M A

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jnet
conf            7 1 5 8 8 7 4 1 4 3 2 1 0 1 6 7 8 8 5 0 5 5 0 5 7 8 6 2 7 8 8 6 3 5 1 7 7 5 7 8
sol25                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
sol0                                B             B

                          90        100       110       120
QUERY           C R A I D G D V T F C R P K S P V Y V G N G V H A N L H V A F H R S S S E K I H
UniRef90_K6UNZ7   C F E T E G N L A F C R P S R P I F L S S S S P A T L H L S Y V T N E H E

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conf            8 7 3 1 7 8 4 2 8 8 2 3 7 8 7 3 6 7 6 2 6 8 8 4 1 8 8 9 8 8 8 5 3 6 6 6 1 1 6
sol25           B           B     B     B B     B         B B B B     B           B B B B B B B             B
sol5            B                 B                       B         B
sol0            B

                          130       140       150
QUERY           S N E I S S D S I G V L G Y Q K T V D H T K V N S K L S L F F E I K S
UniRef90_K6UNZ7   N G T I K N P T V D I L G Q R I V E N K V I T A N K V S L V Y K V D S

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jnet
conf            7 7 6 5 6 7 7 5 0 2 1 1 0 1 1 1 0 0 1 0 1 0 6 8 6 4 8 9 9 9 8 3 7 9
sol25                  B       B B   B B B B       B           B     B           B B B B     B
sol5                            B   B B B                                         B     B
sol0
```