logo

```
NTDB id 21681 TRNA RS25860 WP 003179917.1   MPYITKISAQKNNEERVNIFLDEKYAFSVDLDVLVKFDLRKGKELDELDIIEIQYGDDVKKGFKKALDYLSYRMRSTKEVQDHLK   85
NTDB id 116 BSU 08520 NP 388733.1           MPFITKISTQKKNTERFNIFLDDKYAFSVDADVLVKFELKKGKELDDLDIIEIQYGDEVKKGFNRALDFLSYRMRSTKEVEDHLK   85
consensus                                   !!*!!!!! !! ! !! !!!!!*!!!!!!! !!!!!!*!*!!!!!!*!!!!!!!!!!*!!!!! *!!!*!!!!!!!!!!! !!!!
```

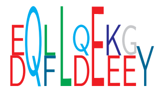
logo

```
NTDB id 21681 TRNA RS25860 WP 003179917.1   KKGVADSAITEILHMLKGYKYLDDREFAAAYVSTHRKTSGKGPDVLFRELKLKGIDDELIHEALSSFSFSDQVEAAVKHAEKVLK   170
NTDB id 116 BSU 08520 NP 388733.1           KKETSPPVIAEVIHRLNDYKYLNDQEFAAAYVSTHKKTNGKGPDVLFRELRAKGIDDDTIKEALSSFSFEDQTREAVKHVEKLLK   170
consensus                                   !!   **  ! !**! !  !!!! ! !!!!!!!!!!*!! !!!!!!!!!!!*  !!!!!* !*!!!!!!!!  !!   !!!! !!*!!
```

logo

```
NTDB id 21681 TRNA RS25860 WP 003179917.1   KEKKLSSKETKQAIEQHLVRKGFSFDVISAALQETDYENDDGAEREALEKQGEKAMKRYGYDGSYETKMKVKQYLFRKGFSIDLI   255
NTDB id 116 BSU 08520 NP 388733.1           KDKKLSTKELKQRAQLQLQRKGFSFDVISAAMDQIEYENDEDTEKEALRLHAEKAFRKYRYDGSYESAMKVKQFLFRKGFSLDLI   255
consensus                                   !*!!!!*!! !!    *! !!!!!!!!!!!!*   *!!!!*  !*!!!  **!!! **! !!!!!!* !!!!!*!!!!!!!*!!!
```

logo



```
NTDB id 21681 TRNA RS25860 WP 003179917.1   DQFLDEKG.   263
NTDB id 116 BSU 08520 NP 388733.1           EQLLQEEEY   264
consensus                                   *! ! !   *
```

X non conserved

X similar

X $\geq$50% conserved