

logo

NTDB id 363 SMU RS05195 WP 002262215.1
NTDB id 964614 NYE79 RS06190 WP 070800372.1
NTDB id 259 KZH43 RS03480 WP 000491790.1
NTDB id 218 SPD RS03780 WP 000491790.1
NTDB id 184 SPR RS03565 WP 000491790.1
NTDB id 148 SP RS03910 WP 000491790.1

consensus



78
80
80
80
80
80

logo

NTDB id 363 SMU RS05195 WP 002262215.1
NTDB id 964614 NYE79 RS06190 WP 070800372.1
NTDB id 259 KZH43 RS03480 WP 000491790.1
NTDB id 218 SPD RS03780 WP 000491790.1
NTDB id 184 SPR RS03565 WP 000491790.1
NTDB id 148 SP RS03910 WP 000491790.1

consensus



157
160
160
160
160
160

logo

NTDB id 363 SMU RS05195 WP 002262215.1
NTDB id 964614 NYE79 RS06190 WP 070800372.1
NTDB id 259 KZH43 RS03480 WP 000491790.1
NTDB id 218 SPD RS03780 WP 000491790.1
NTDB id 184 SPR RS03565 WP 000491790.1
NTDB id 148 SP RS03910 WP 000491790.1

consensus



237
240
240
240
240
240

logo

NTDB id 363 SMU RS05195 WP 002262215.1
NTDB id 964614 NYE79 RS06190 WP 070800372.1
NTDB id 259 KZH43 RS03480 WP 000491790.1
NTDB id 218 SPD RS03780 WP 000491790.1
NTDB id 184 SPR RS03565 WP 000491790.1
NTDB id 148 SP RS03910 WP 000491790.1

consensus



317
320
320
320
320
320

logo

NTDB id 363 SMU RS05195 WP 002262215.1
NTDB id 964614 NYE79 RS06190 WP 070800372.1
NTDB id 259 KZH43 RS03480 WP 000491790.1
NTDB id 218 SPD RS03780 WP 000491790.1
NTDB id 184 SPR RS03565 WP 000491790.1
NTDB id 148 SP RS03910 WP 000491790.1

consensus



397
400
400
400
400
400

logo

```
NTDB id 363 SMU RS05195 WP 002262215.1
NTDB id 964614 NYE79 RS06190 WP 070800372.1
NTDB id 259 KZH43 RS03480 WP 000491790.1
NTDB id 218 SPD RS03780 WP 000491790.1
NTDB id 184 SPR RS03565 WP 000491790.1
NTDB id 148 SP RS03910 WP 000491790.1
consensus
```

GLGLSLAKQIVDAKLGTVTVKDNKPKGTIFEVKIAIQTPSKKKK 435
 GLGLSLAKQIVDALRGTLSVKDNKPKRGTIFEVKIAIQSPSKRRKNK 445
 GLGLSLAKQIVDAKLGTVTVKDNKPKGTIFEVKIAIQTPSKKKK. 444
 GLGLSLAKQIVDAKLGTVTVKDNKPKGTIFEVKIAIQTPSKKKK. 444
 GLGLSLAKQIVDAKLGTVTVKDNKPKGTIFEVKIAIQTPSKKKK. 444
 GLGLSLAKQIVDAKLGTVTVKDNKPKGTIFEVKIAIQTPSKKKK. 444
 !!!!!!!!!!!*!*!*!*!*!*!!!!!!*!*!*!*!*!*!*!*!*!*

-  non conserved
-  similar
-  $\geq 50\%$ conserved