

logo

NTDB id 403245 GL186 RS03620 WP 000491790.1
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
NTDB id 363 SMU RS05195 WP 002262215.1
consensus



80
80
80
80
80
79

logo

NTDB id 403245 GL186 RS03620 WP 000491790.1
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
NTDB id 363 SMU RS05195 WP 002262215.1
consensus



160
160
160
160
160
157

logo

NTDB id 403245 GL186 RS03620 WP 000491790.1
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
NTDB id 363 SMU RS05195 WP 002262215.1
consensus



240
240
240
240
240
237

logo

NTDB id 403245 GL186 RS03620 WP 000491790.1
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
NTDB id 363 SMU RS05195 WP 002262215.1
consensus



320
320
320
320
320
317

logo

NTDB id 403245 GL186 RS03620 WP 000491790.1
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NTDB id 148 SP RS03910 WP 000491790.1
NTDB id 363 SMU RS05195 WP 002262215.1
consensus



400
400
400
400
400
397

logo

```

NTDB id 403245 GL186 RS03620 WP 000491790.1
NTDB id 259 KZH43 RS03480 WP 000491790.1
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NTDB id 184 SPR RS03565 WP 000491790.1
NTDB id 148 SP RS03910 WP 000491790.1
NTDB id 363 SMU RS05195 WP 002262215.1
consensus

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GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK
 GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK
 GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK
 GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK
 GLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK
 GLGLSLAKQITDSLKGSITVKDKKPKQGVMFEARILANK.....
 !!!!!!!!!!!*!*!!!!**!!!!*!*!*!*!*!*!*!*!*!*

444
444
444
444
444
435

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