

logo

NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
NTDB id 977374 MGAS37848 RS04535 WP 010922314.1
NTDB id 407 SMU RS04605 WP 002262865.1
consensus



73
71
72
72
72
72
72
72
70
70

logo

NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
NTDB id 977374 MGAS37848 RS04535 WP 010922314.1
NTDB id 407 SMU RS04605 WP 002262865.1
consensus



153
146
147
147
147
147
147
147
145
145

logo

NTDB id 1250 GC085 RS13065 WP 027219989.1
NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
NTDB id 977374 MGAS37848 RS04535 WP 010922314.1
NTDB id 407 SMU RS04605 WP 002262865.1
consensus



233
226
227
227
227
227
227
227
225
225

logo

NTDB id 1250 GC085 RS13065 WP 027219989.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	313
NTDB id 599 KW2 RS05940 WP 021037268.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	282
NTDB id 226 SPD RS05990 WP 000705306.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	282
NTDB id 192 SPR RS05715 WP 000705306.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	282
NTDB id 157 SP RS06205 WP 000705306.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	282
NTDB id 977374 MGAS37848 RS04535 WP 010922314.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	278
NTDB id 407 SMU RS04605 WP 002262865.1	SGSLITCERAMEEGRDVFALPGSILDLGLSDGCHHLIQEGAKLVTSQDVLAEFEF	280
consensus	!!!!!!*****!***!*****!*!*****!*!*****!*!*****!*!*****	

logo

NTDB id 1250 GC085 RS13065 WP 027219989.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	361
NTDB id 599 KW2 RS05940 WP 021037268.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	282
NTDB id 226 SPD RS05990 WP 000705306.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	282
NTDB id 192 SPR RS05715 WP 000705306.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	282
NTDB id 157 SP RS06205 WP 000705306.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	282
NTDB id 977374 MGAS37848 RS04535 WP 010922314.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	278
NTDB id 407 SMU RS04605 WP 002262865.1	GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	280
consensus		

- X non conserved
- X similar
- X ≥ 50% conserved