

logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 281 KZH43 RS03550 WP 000882517.1
 NTDB id 245 SPD RS03860 WP 000882517.1
 NTDB id 243 SPR RS03635 WP 000882517.1
 NTDB id 241 SP RS04015 WP 000882523.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 206177 BOC71 RS11130 WP 001109705.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1

consensus

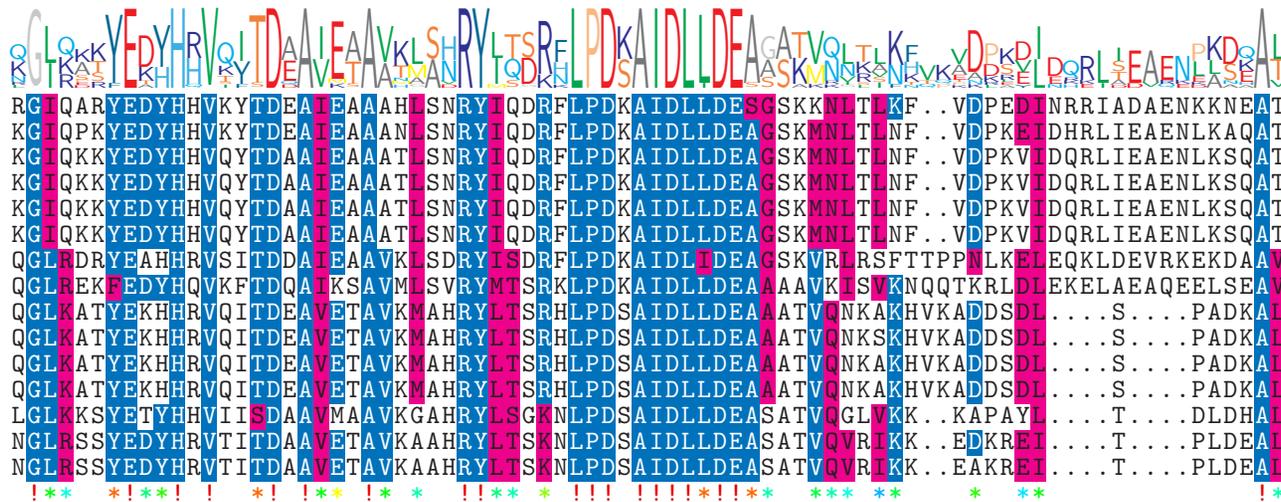


295
302
301
301
301
301
351
365
378
378
378
378
382
385
385

logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 281 KZH43 RS03550 WP 000882517.1
 NTDB id 245 SPD RS03860 WP 000882517.1
 NTDB id 243 SPR RS03635 WP 000882517.1
 NTDB id 241 SP RS04015 WP 000882523.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 206177 BOC71 RS11130 WP 001109705.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1

consensus



373
380
379
379
379
379
431
445
450
450
450
450
452
455
455

logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 281 KZH43 RS03550 WP 000882517.1
 NTDB id 245 SPD RS03860 WP 000882517.1
 NTDB id 243 SPR RS03635 WP 000882517.1
 NTDB id 241 SP RS04015 WP 000882523.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 206177 BOC71 RS11130 WP 001109705.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 consensus



447
454
453
453
453
453
511
520
515
515
515
515
518
521
521

logo

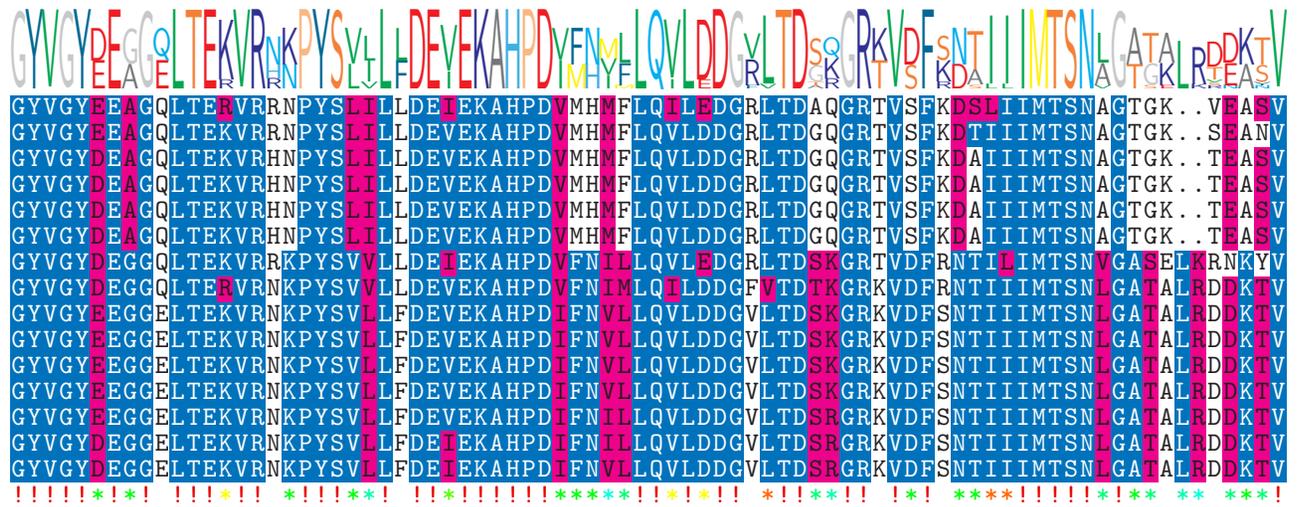
NTDB id 601 KW2 RS02615 WP 021036805.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 281 KZH43 RS03550 WP 000882517.1
 NTDB id 245 SPD RS03860 WP 000882517.1
 NTDB id 243 SPR RS03635 WP 000882517.1
 NTDB id 241 SP RS04015 WP 000882523.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 206177 BOC71 RS11130 WP 001109705.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 consensus



527
534
533
533
533
533
591
600
595
595
595
595
598
601
601

logo

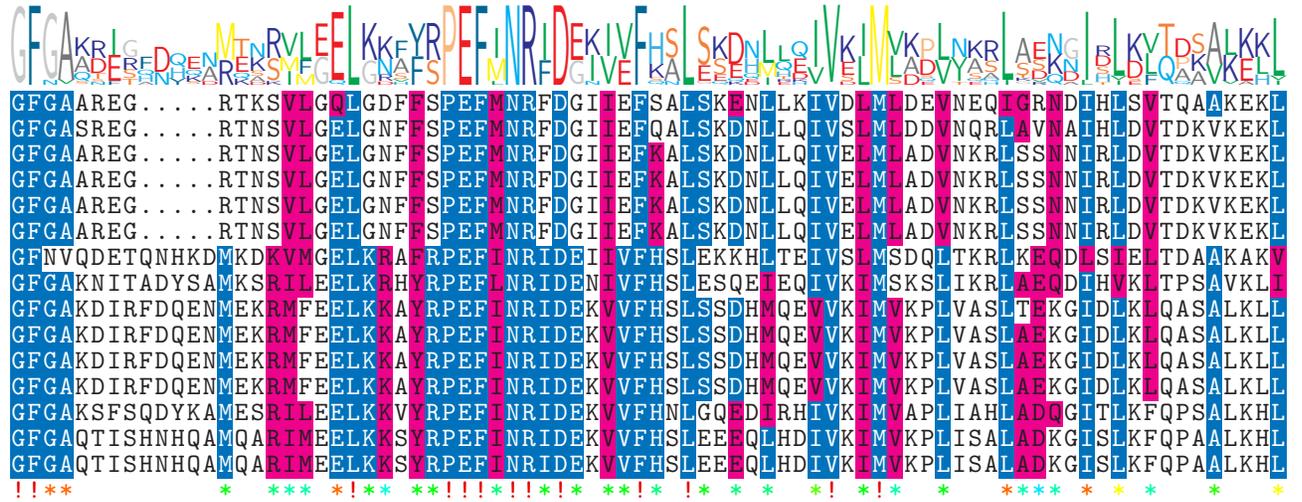
NTDB id 601 KW2 RS02615 WP 021036805.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 281 KZH43 RS03550 WP 000882517.1
 NTDB id 245 SPD RS03860 WP 000882517.1
 NTDB id 243 SPR RS03635 WP 000882517.1
 NTDB id 241 SP RS04015 WP 000882523.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 206177 BOC71 RS11130 WP 001109705.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 consensus



605
612
611
611
611
611
671
680
675
675
675
675
675
675
681
681
681

logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 281 KZH43 RS03550 WP 000882517.1
 NTDB id 245 SPD RS03860 WP 000882517.1
 NTDB id 243 SPR RS03635 WP 000882517.1
 NTDB id 241 SP RS04015 WP 000882523.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 206177 BOC71 RS11130 WP 001109705.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 consensus



680
687
686
686
686
686
751
760
755
755
755
755
755
758
761
761

logo



| | | |
|---|--|-----|
| NTDB id 601 KW2 RS02615 WP 021036805.1 | VDLGYNPAMGARPLRRTIQENIEDSTADFYIEHPEYKQ.LVADLIDDKIVISNQTQETAETTDDEEVPAE | 748 |
| NTDB id 378 SMU RS02690 WP 002263569.1 | VDLGYDPKMGARPLRRTIQEHIEDAITDFYLEHPEQKE.LKATMTSNGKIVIKASNK.VETVTKATSD. | 753 |
| NTDB id 281 KZH43 RS03550 WP 000882517.1 | VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKD.LKAVMTSKGNIQIKSAKK.AEVKSSEKEK. | 752 |
| NTDB id 245 SPD RS03860 WP 000882517.1 | VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKD.LKAVMTSKGNIQIKSAKK.AEVKSSEKEK. | 752 |
| NTDB id 243 SPR RS03635 WP 000882517.1 | VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKD.LKAVMTSKGNIQIKSAKK.AEVKSSEKEK. | 752 |
| NTDB id 241 SP RS04015 WP 000882523.1 | VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKD.LKAVMTSKGNIQIKSAKK.AEVKSSEKEK. | 752 |
| NTDB id 85 BSU 00860 NP 387967.1 | AEEGVVLEYGARPLRRAIQKHVEDRLSEELLRGNTHKQGHIVLVDVEDGEFVVKTTAKTN..... | 810 |
| NTDB id 610 V4T04 RS10165 WP 012897346.1 | AEVGFDPPEYGARPLRKAALQKEVEDLLSEQLLSGEIKAGNHVSIKASNKIKIAQIV..... | 816 |
| NTDB id 287 SP RS11210 WP 001109712.1 | ANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSTLKIGVKAGQLKFDIA..... | 810 |
| NTDB id 206177 BOC71 RS11130 WP 001109705.1 | ANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSTLKIGVKAGQLKFDIA..... | 810 |
| NTDB id 290 KZH43 RS10025 WP 001109677.1 | ANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAGQLKFDIA..... | 810 |
| NTDB id 289 SPD RS10700 WP 001109677.1 | ANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAGQLKFDIA..... | 810 |
| NTDB id 377 SMU RS09275 WP 002262344.1 | ALAGYDAEMGARPLRRTLQTEVEDKLAELILSGKLASGQTLKIGIQKEKIKFDIV..... | 813 |
| NTDB id 297 STER RS00545 WP 011680614.1 | AKDGYDIEMGARPLRRTIQTQVEDKLSSELLGGQVVSQTLLKIGCSKDKLTFTVV..... | 816 |
| NTDB id 329 STU RS10020 WP 011225298.1 | AKDGYDIEMGARPLRRTIQTQVEDKLSSELLGGQVVSQTLLKIGCSKDKLTFTVV..... | 816 |
| consensus | * !*****!!!!!!** *!! *** ** * * * * * * * * * * * * | |

- non conserved
- similar
- ≥ 50% conserved