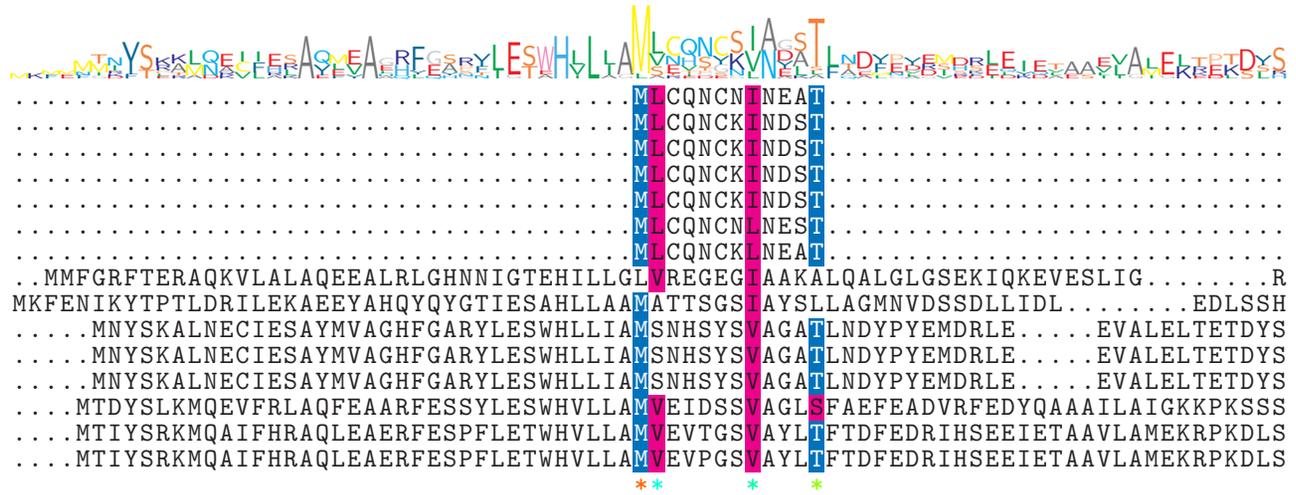


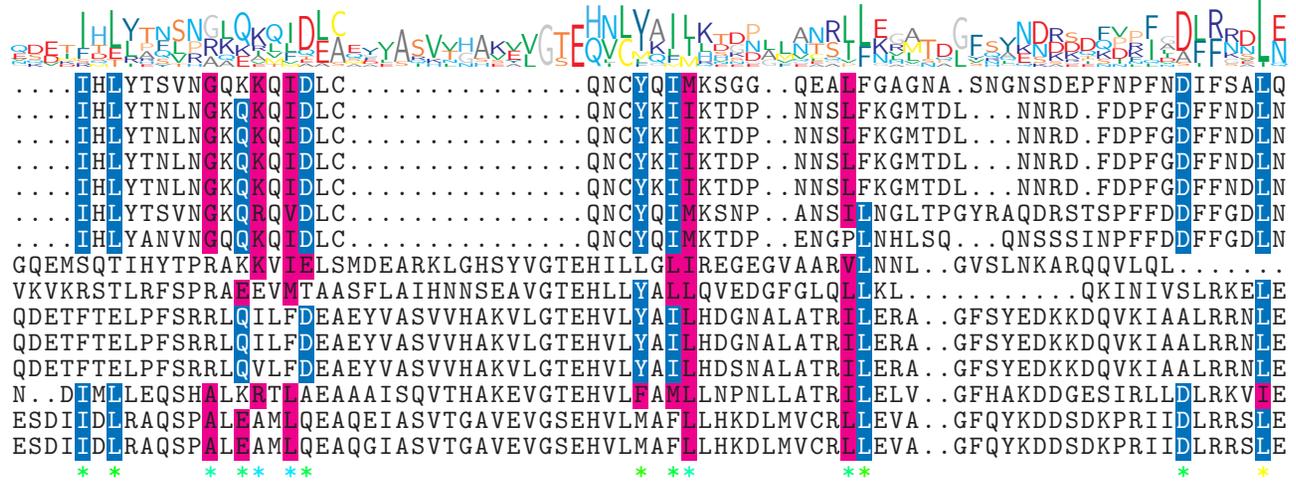
logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 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 1126778 FGK81 RS03385 WP 011888739.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 287 SP RS11210 WP 001109712.1
 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



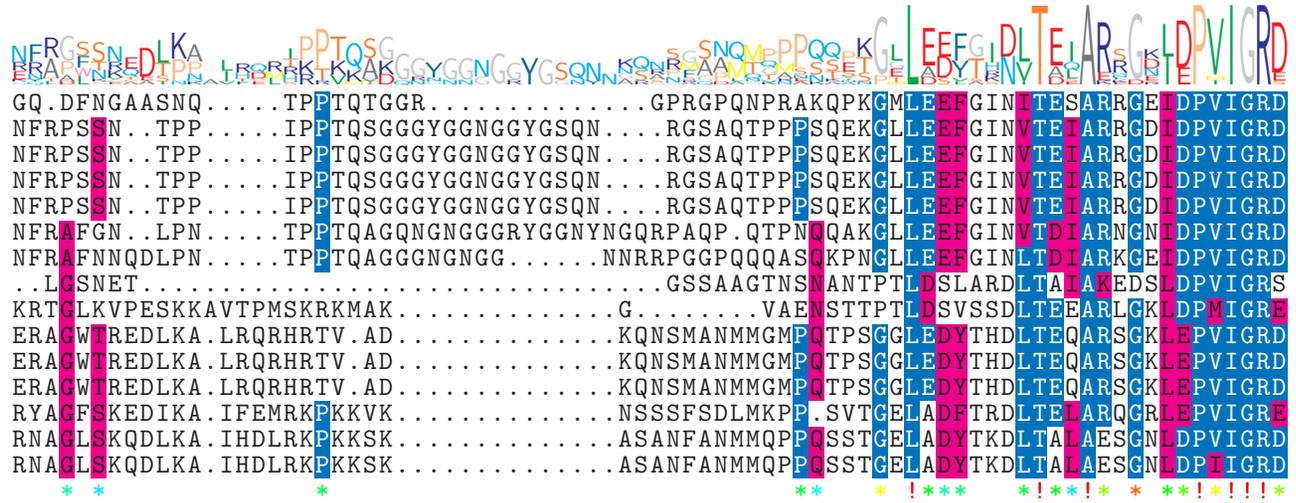
logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 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 1126778 FGK81 RS03385 WP 011888739.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 287 SP RS11210 WP 001109712.1
 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



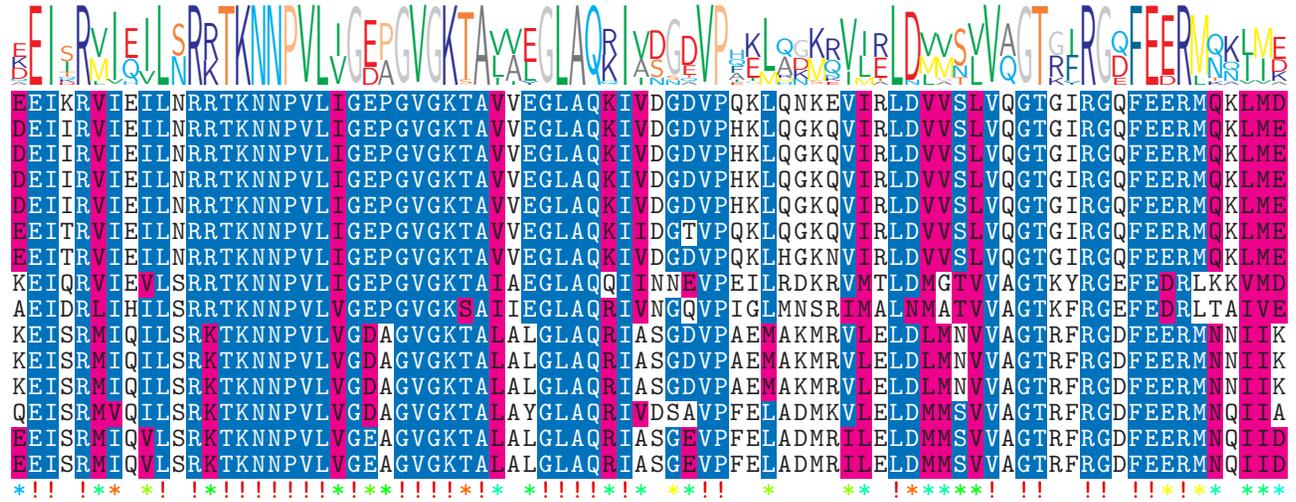
logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 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 1126778 FGK81 RS03385 WP 011888739.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 287 SP RS11210 WP 001109712.1
 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



logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 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 1126778 FGK81 RS03385 WP 011888739.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 287 SP RS11210 WP 001109712.1
 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



logo

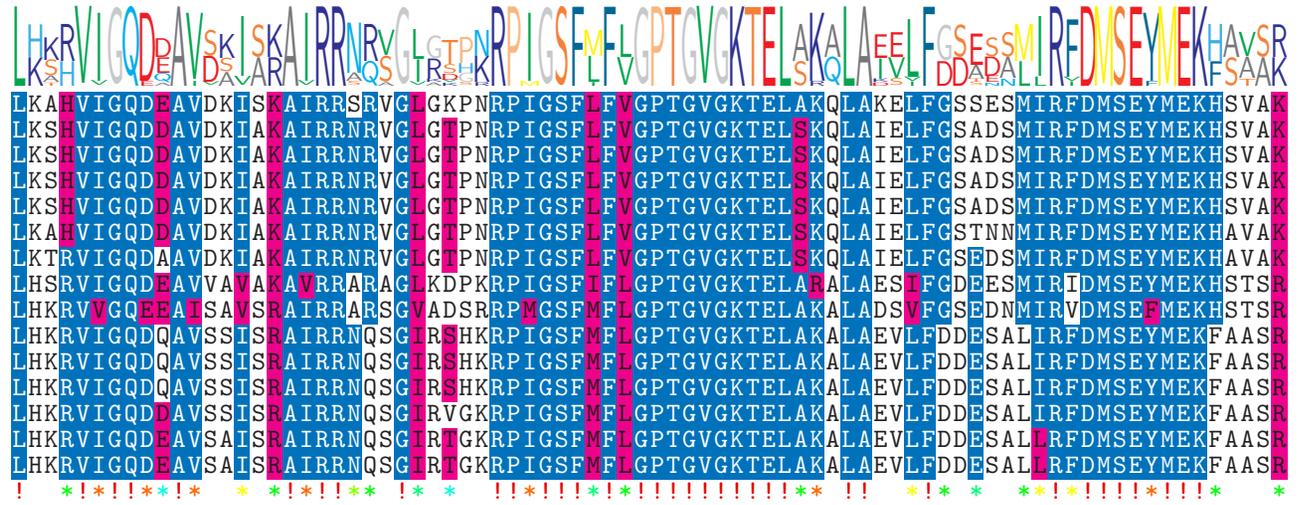
NTDB id 601 KW2 RS02615 WP 021036805.1
 NTDB id 281 KZH43 RS03550 WP 000882517.1
 NTDB id 245 SPD RS03860 WP 000882517.1
 NTDB id 243 SPR RS03635 WP 000882517.1
 NTDB id 241 SP RS04015 WP 000882523.1
 NTDB id 1126778 FGK81 RS03385 WP 011888739.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 287 SP RS11210 WP 001109712.1
 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



441
447
447
447
447
454
448
505
514
509
509
509
512
515
515

logo

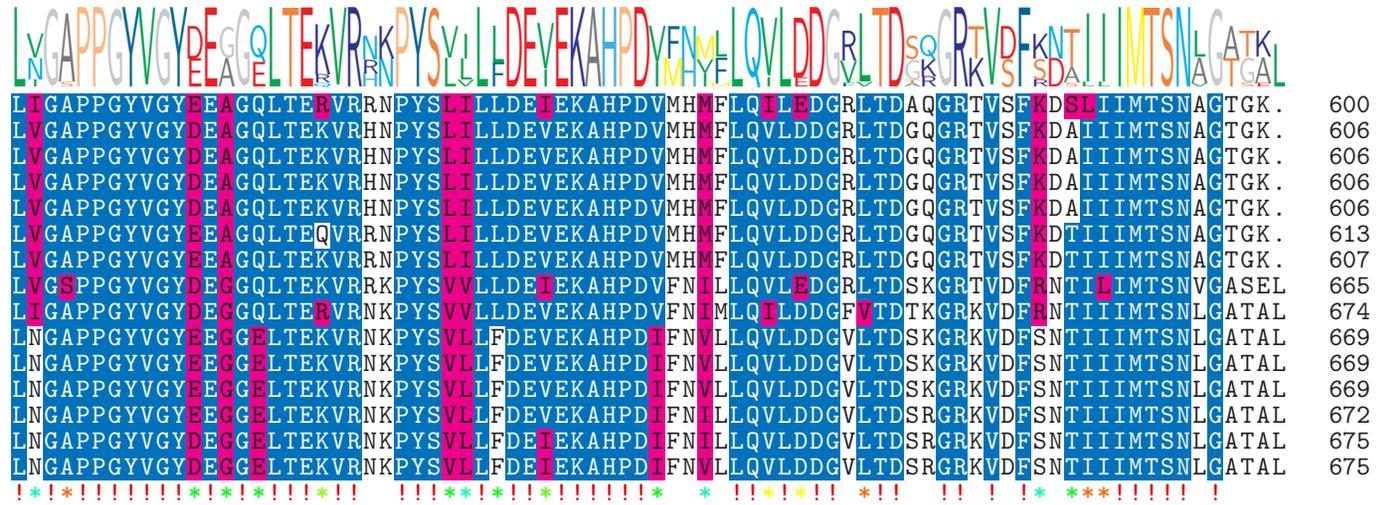
NTDB id 601 KW2 RS02615 WP 021036805.1
 NTDB id 281 KZH43 RS03550 WP 000882517.1
 NTDB id 245 SPD RS03860 WP 000882517.1
 NTDB id 243 SPR RS03635 WP 000882517.1
 NTDB id 241 SP RS04015 WP 000882523.1
 NTDB id 1126778 FGK81 RS03385 WP 011888739.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 287 SP RS11210 WP 001109712.1
 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



521
527
527
527
527
534
528
585
594
589
589
589
592
595
595

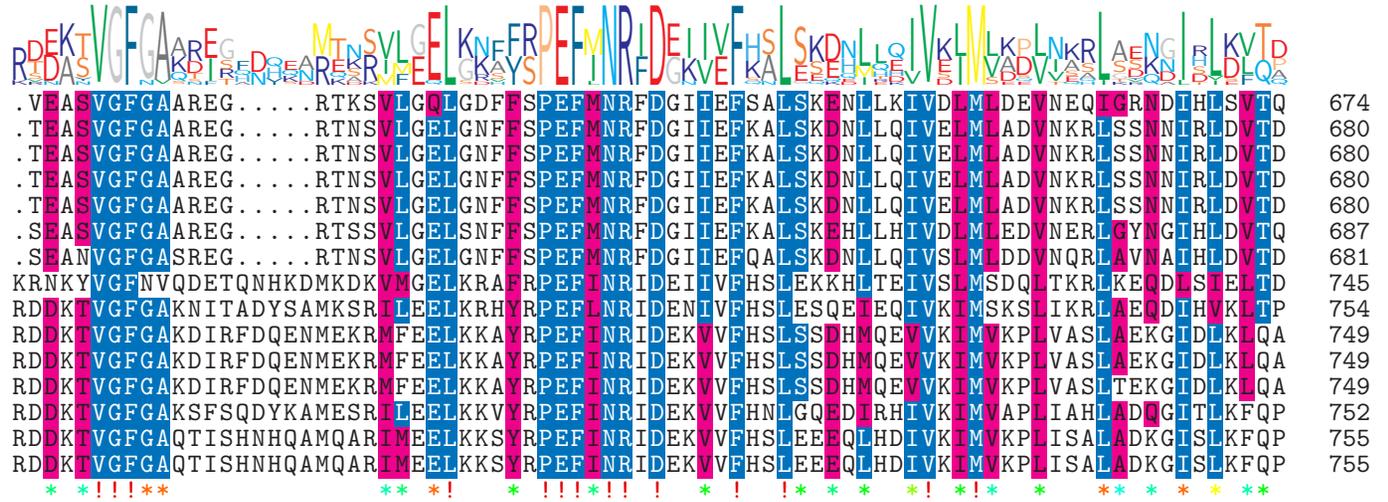
logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 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 1126778 FGK81 RS03385 WP 011888739.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 287 SP RS11210 WP 001109712.1
 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

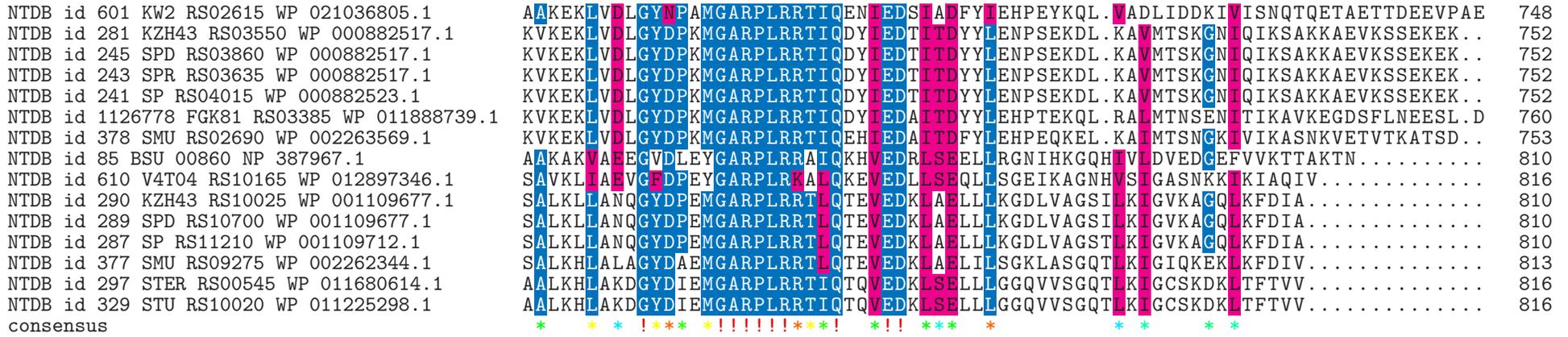


logo

NTDB id 601 KW2 RS02615 WP 021036805.1
 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 1126778 FGK81 RS03385 WP 011888739.1
 NTDB id 378 SMU RS02690 WP 002263569.1
 NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 287 SP RS11210 WP 001109712.1
 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



logo



 non conserved
 similar
 ≥ 50% conserved