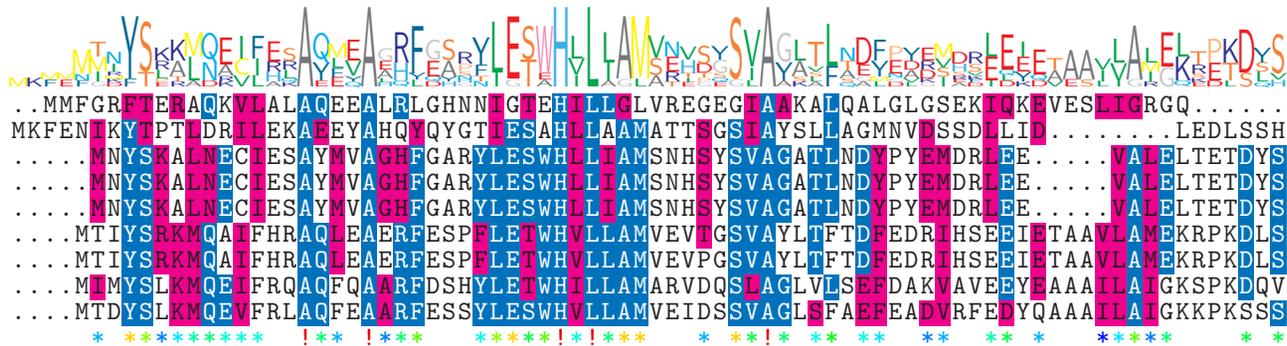


logo

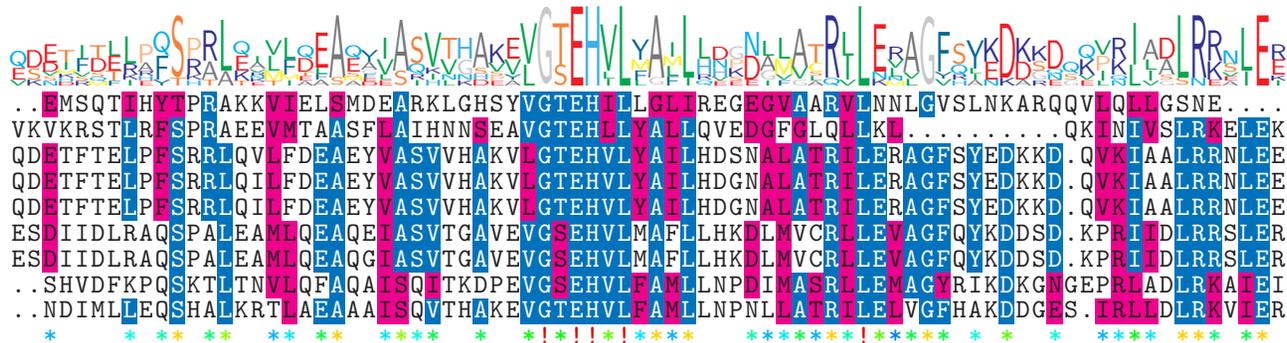
NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 consensus



72
72
70
70
70
76
76
76
76

logo

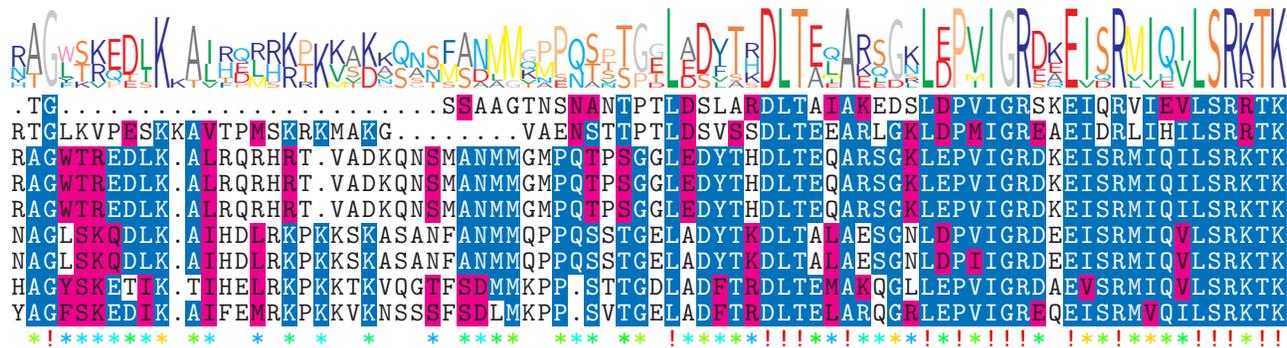
NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 consensus



146
142
149
149
149
155
155
154
153

logo

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 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 consensus



201
214
227
227
227
234
234
232
231

logo

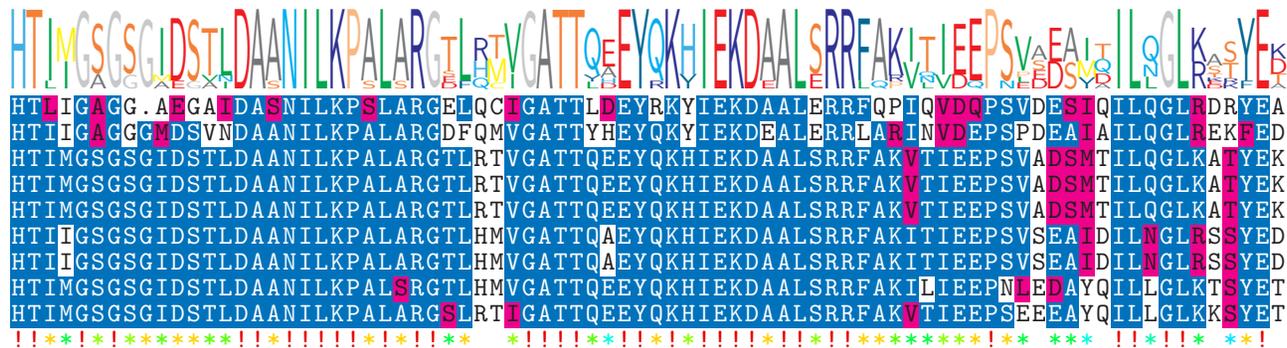
NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1
 consensus



281
294
307
307
307
314
314
312
311

logo

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 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1



360
374
387
387
387
394
394
392
391

logo

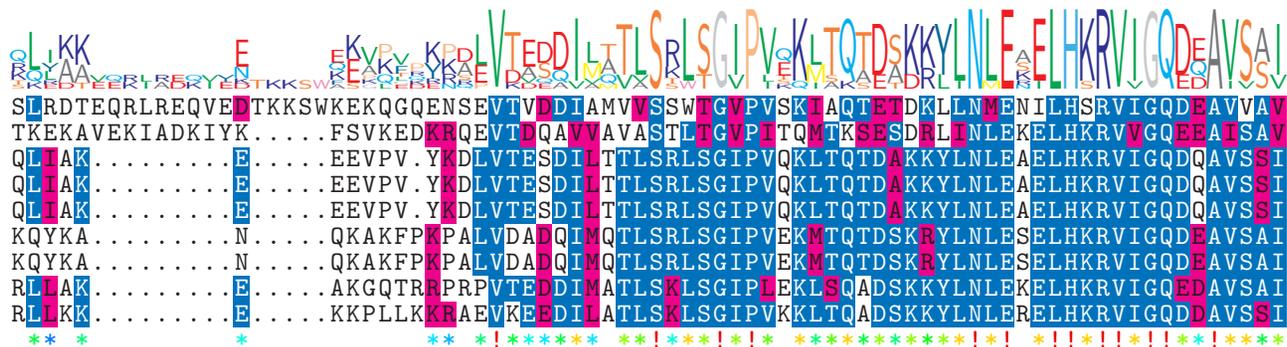
NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1



440
454
459
459
459
464
464
462
461

logo

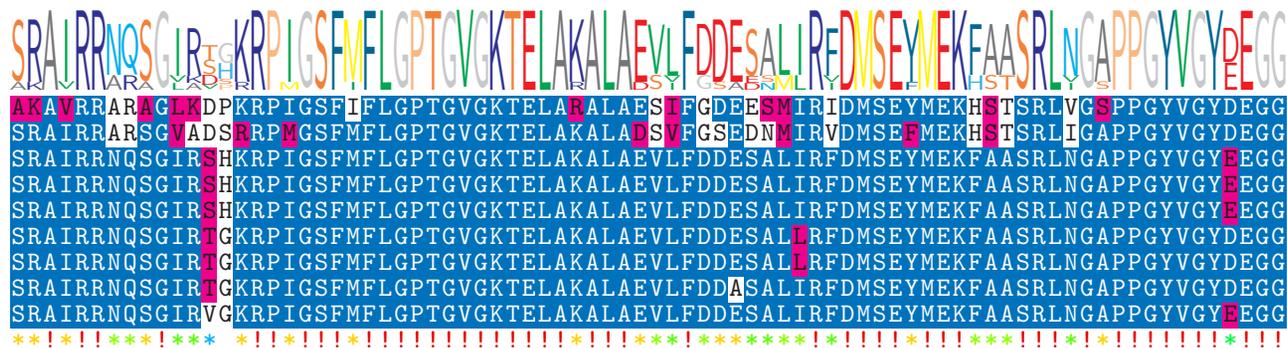
NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1



520
529
524
524
524
530
530
528
527

logo

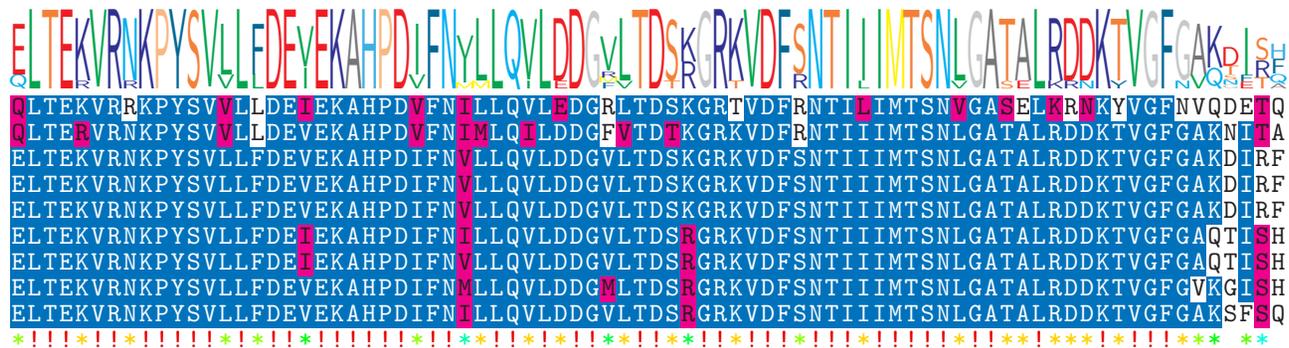
NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1



600
609
604
604
604
610
610
608
607

logo

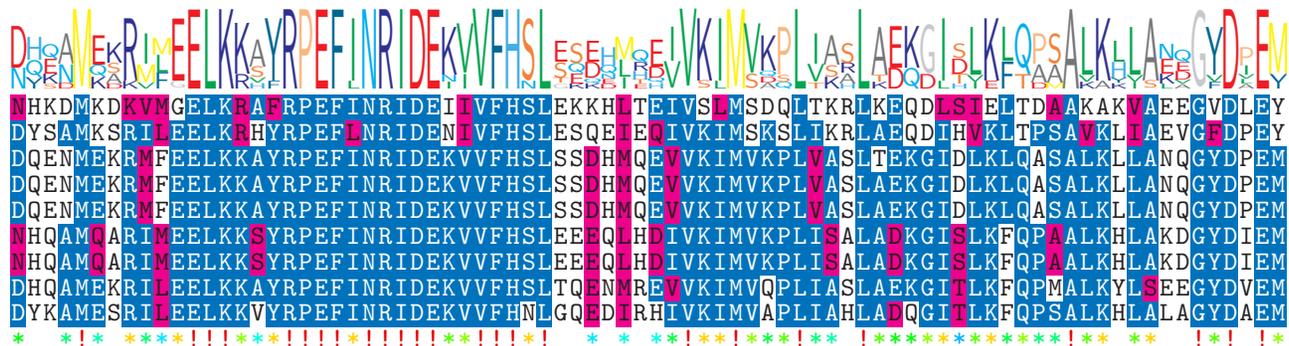
NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1



680
689
684
684
684
690
690
688
687

logo

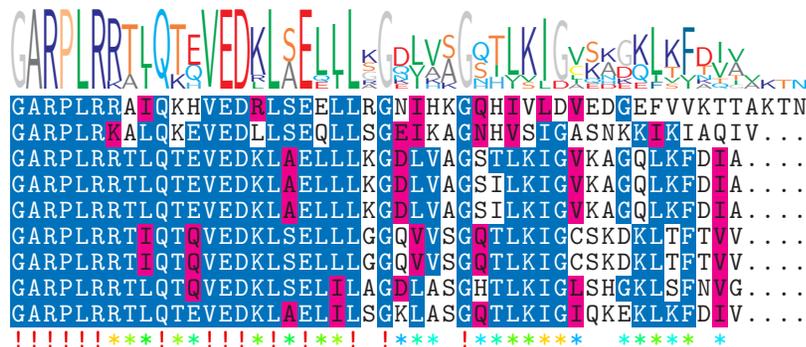
NTDB id 85 BSU 00860 NP 387967.1
 NTDB id 610 V4T04 RS10165 WP 012897346.1
 NTDB id 287 SP RS11210 WP 001109712.1
 NTDB id 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1



760
769
764
764
764
770
770
768
767

logo

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 290 KZH43 RS10025 WP 001109677.1
 NTDB id 289 SPD RS10700 WP 001109677.1
 NTDB id 297 STER RS00545 WP 011680614.1
 NTDB id 329 STU RS10020 WP 011225298.1
 NTDB id 404877 GEO24 RS10055 WP 093999118.1
 NTDB id 377 SMU RS09275 WP 002262344.1



810
816
810
810
810
816
816
814
813

non conserved
 similar
 ≥ 50% conserved