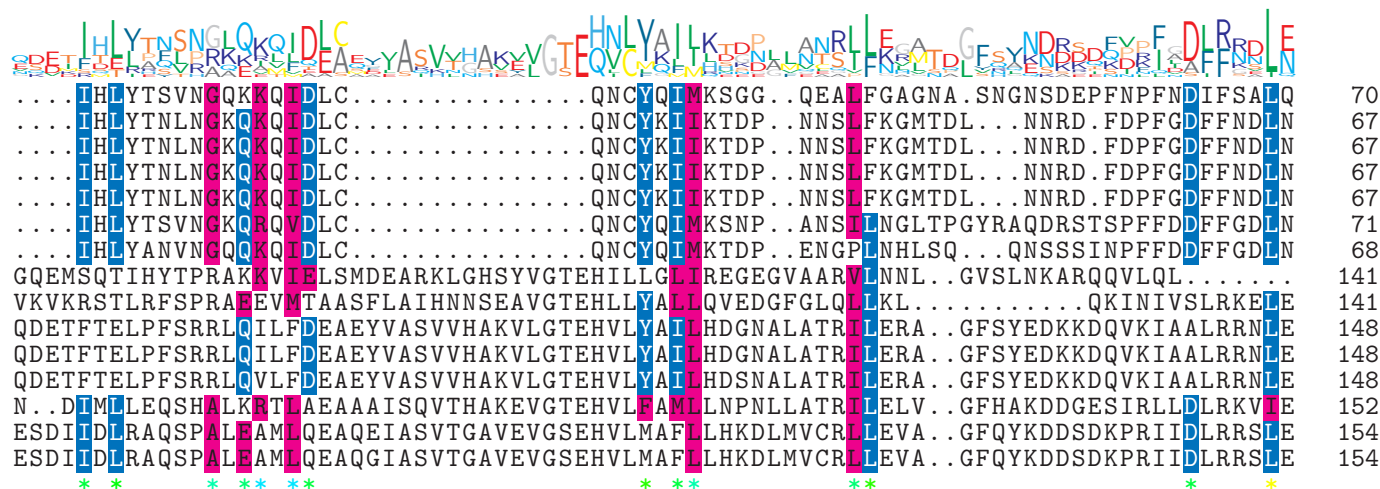
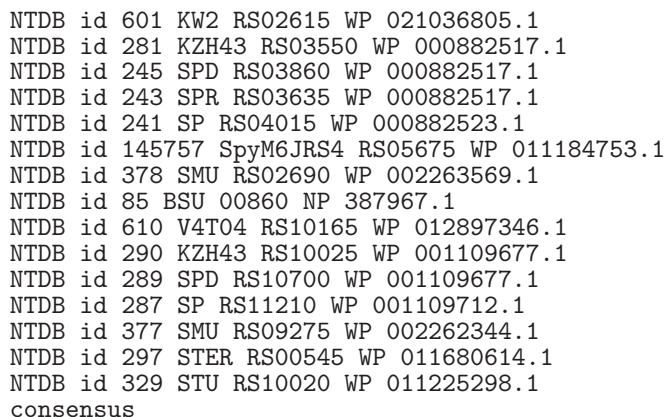
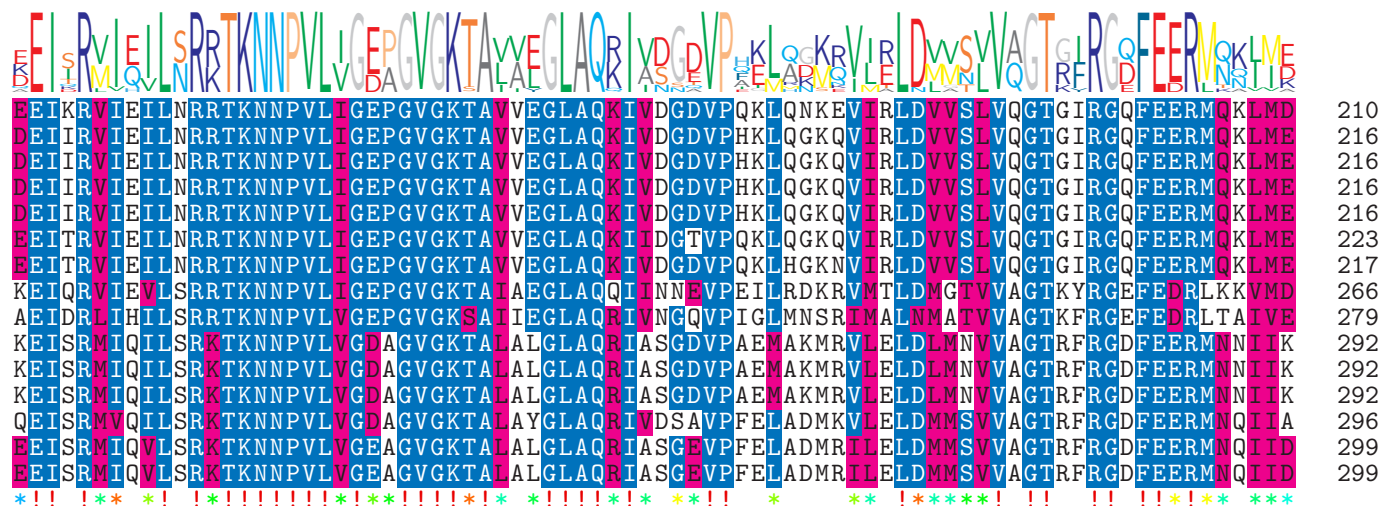


```
NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 145757 SpyM6JRS4 RS05675 WP 011184753.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 85 BSU 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
```



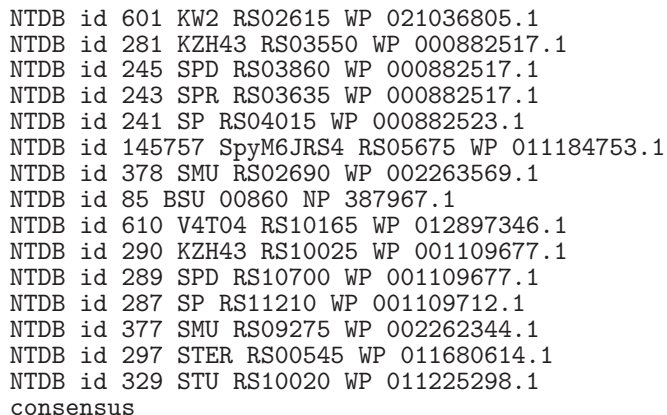
```
NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 145757 SpyM6JRS4 RS05675 WP 011184753.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 85 BSU 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
```



```

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 145757 SpyM6JRS4 RS05675 WP 011184753.1
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 145757 SpyM6JRS4 RS05675 WP 011184753.1
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

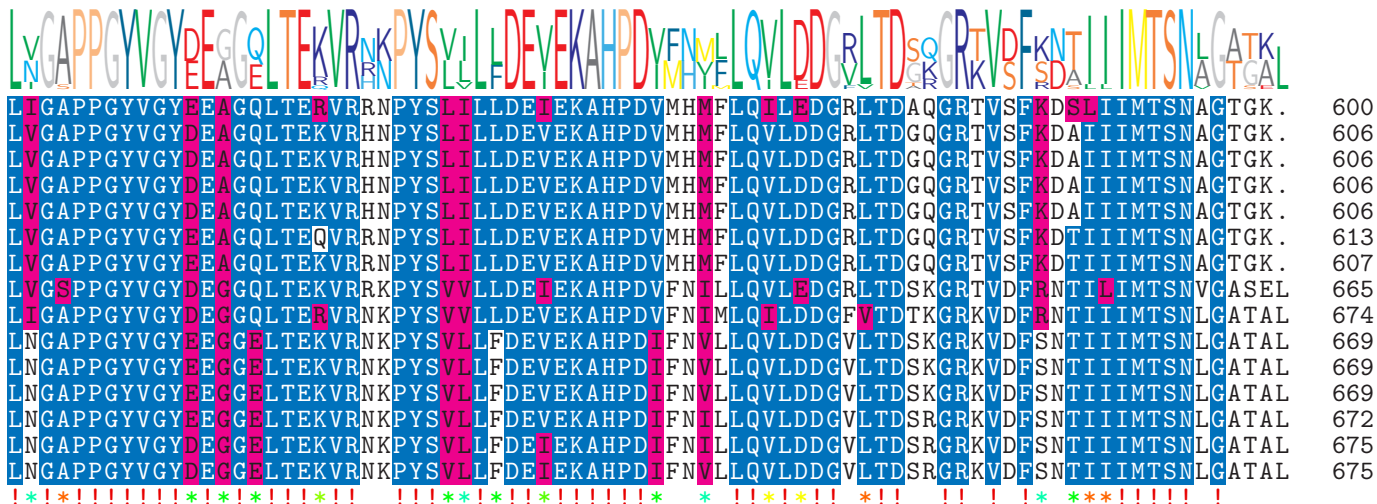
NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 145757 SpyM6JRS4 RS05675 WP 011184753.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 85 BSU 00860 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

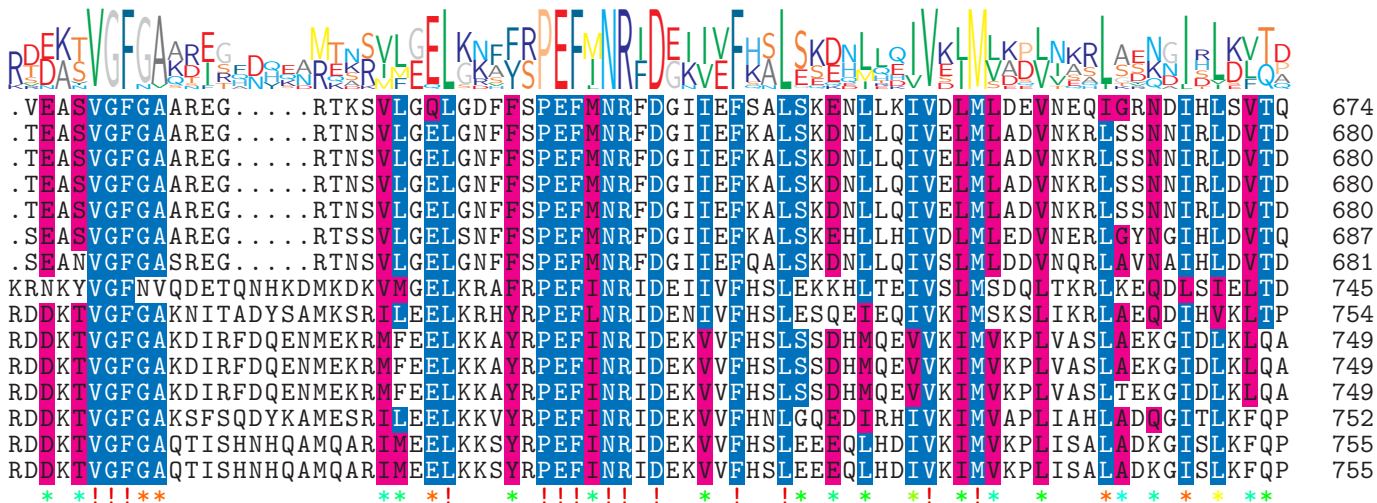
logo

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 145757 SpyM6JRS4 RS05675 WP 011184753.1
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 145757 SpyM6JRS4 RS05675 WP 011184753.1
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

NIDB id	601	KW2 RS02615 WP	021036805.1	A A K E K L V D L G Y N P A M G A R P L R R T I Q E N I E D S I A D F Y I E H P E Y K Q L . V A D L I D D K I V I S N Q T Q E T A E T T D E E V P A E	748
NTDB id	281	KZH43 RS03550 WP	000882517.1	K V K E K L V D L G Y D P K M G A R P L R R T I Q D Y I E D T I T D Y Y L E N P S E K D L . K A V M T S K G N I Q I K S A K K A E V K S S E K E . K .	752
NTDB id	245	SPD RS03860 WP	000882517.1	K V K E K L V D L G Y D P K M G A R P L R R T I Q D Y I E D T I T D Y Y L E N P S E K D L . K A V M T S K G N I Q I K S A K K A E V K S S E K E . K .	752
NTDB id	243	SPR RS03635 WP	000882517.1	K V K E K L V D L G Y D P K M G A R P L R R T I Q D Y I E D T I T D Y Y L E N P S E K D L . K A V M T S K G N I Q I K S A K K A E V K S S E K E . K .	752
NTDB id	241	SP RS04015 WP	000882523.1	K V K E K L V D L G Y D P K M G A R P L R R T I Q D Y I E D T I T D Y Y L E N P S E K D L . K A V M T S K G N I Q I K S A K K A E V K S S E K E . K .	752
NTDB id	145757	SpyM6JRS4 RS05675 WP	011184753.1	K V K E K L V D L G Y D P K M G A R P L R R T I Q D Y I E D A I T D Y Y L E H P T E K Q L . R A L M T K S E N I T I K A V K E G D S F L N E E S . L D	760
NTDB id	378	SMU RS02690 WP	002263569.1	K V K E K L V D L G Y D P K M G A R P L R R T I Q E H I E D A I T D F Y L E H P E Q K E L . K A I M T S N G K I V I K A S N K V E T V T K A T S . D .	753
NTDB id	85	BSU 00860 NP	387967.1	A A K A K V A E E C V D L E Y G A R P L R R A I Q K H V E D R L S E E L L R G N I H K G Q H I V L D V E D G E F V V K T T A K T N	810
NTDB id	610	V4T04 RS10165 WP	012897346.1	S A V K L I A E V C F D P E Y G A R P L R K A L Q K E V D L L S E Q L L S G E I K A G N H V S I G A S N K K I K I A Q I V	816
NTDB id	290	KZH43 RS10025 WP	001109677.1	S A L K L L A N Q G Y D P E M G A R P L R R T L Q T E V E D K L A E L L L K G D L V A G S I L K I G V K A G Q L K F D I A	810
NTDB id	289	SPD RS10700 WP	001109677.1	S A L K L L A N Q G Y D P E M G A R P L R R T L Q T E V E D K L A E L L L K G D L V A G S I L K I G V K A G Q L K F D I A	810
NTDB id	287	SP RS11210 WP	001109712.1	S A L K L L A N Q G Y D P E M G A R P L R R T L Q T E V E D K L A E L L L K G D L V A G S T L K I G V K A G Q L K F D I A	810
NTDB id	377	SMU RS09275 WP	002262344.1	S A L K H L A L A G Y D A E M G A R P L R R T L Q T E V E D K L A E L I L S G K L A S G Q T L K I G I Q K E K L K F D I V	813
NTDB id	297	STER RS00545 WP	011680614.1	A A L K H L A K D G Y D I E M G A R P L R R T I Q T Q V E D K L S E L L L G G Q V V S G Q T L K I G C S K D K L T F T V V	816
NTDB id	329	STU RS10020 WP	011225298.1	A A L K H L A K D G Y D I E M G A R P L R R T I Q T Q V E D K L S E L L L G G Q V V S G Q T L K I G C S K D K L T F T V V	816
consensus				* * * * *	

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