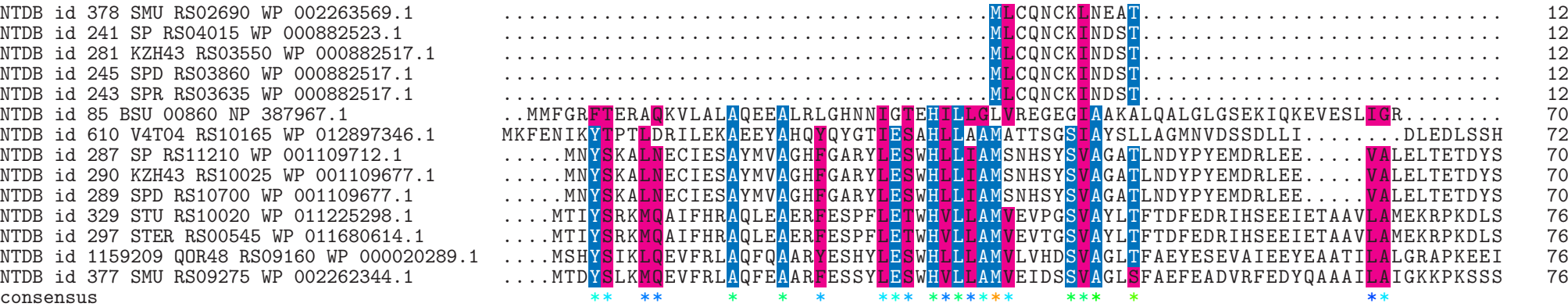
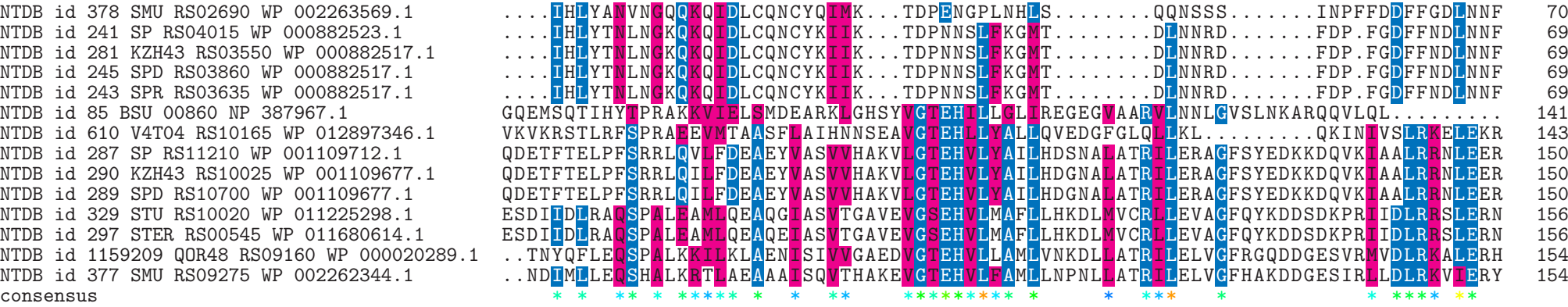


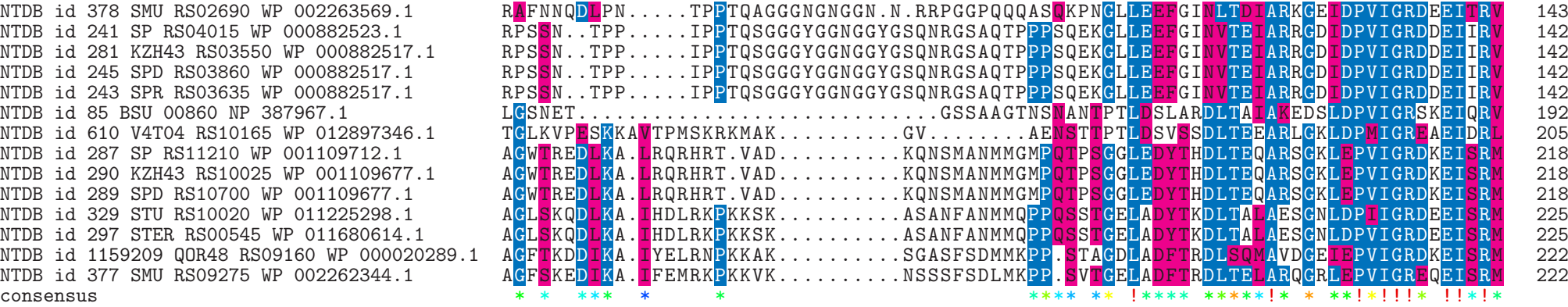
logo



logo



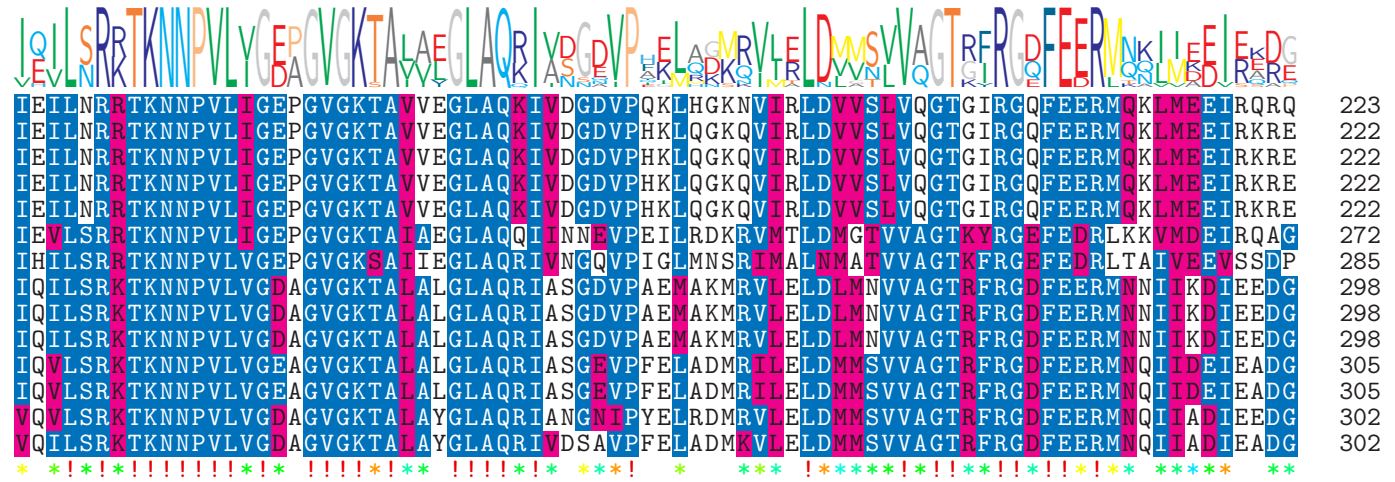
logo



```

NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 241 SP RS04015 WP 000882523.1
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 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 329 STU RS10020 WP 011225298.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 1159209 QOR48 RS09160 WP 000020289.1
NTDB id 377 SMU RS09275 WP 002262344.1
consensus

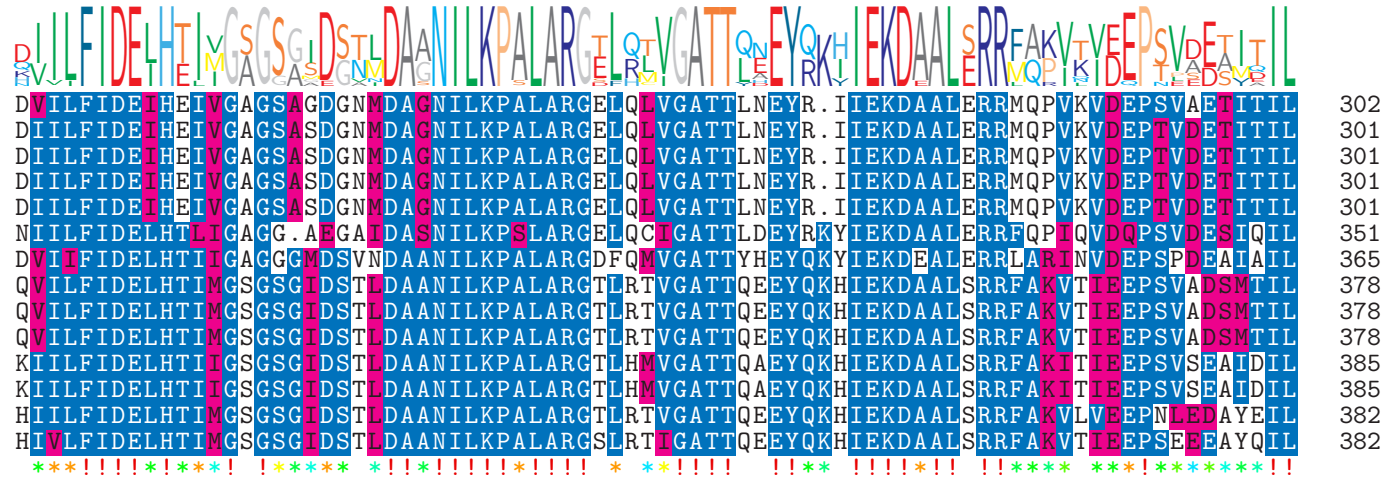
```



```

NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 241 SP RS04015 WP 000882523.1
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 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 329 STU RS10020 WP 011225298.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 1159209 QOR48 RS09160 WP 000020289.1
NTDB id 377 SMU RS09275 WP 002262344.1
consensus

```



```

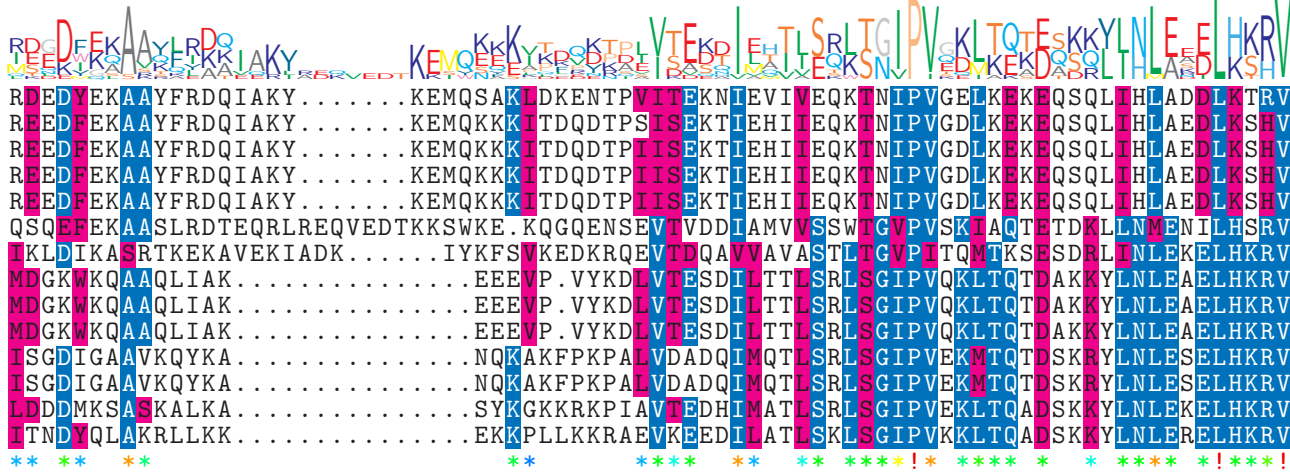
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 329 STU RS10020 WP 011225298.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 1159209 QOR48 RS09160 WP 000020289.1
NTDB id 377 SMU RS09275 WP 002262344.1
consensus

```



logo

NTDB	id	378	SMU	RS02690	WP	002263569.1
NTDB	id	241	SP	RS04015	WP	000882523.1
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	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	329	STU	RS10020	WP	011225298.1
NTDB	id	297	STER	RS00545	WP	011680614.1
NTDB	id	1159209	QOR48	RS09160	WP	000020289.1
NTDB	id	377	SMU	RS09275	WP	002262344.1
consensus						



453
452
452
452
452
510
519
514
514
514
520
520
517
517

logo

NTDB	id	378	SMU	RS02690	WP	002263569.1
NTDB	id	241	SP	RS04015	WP	000882523.1
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	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	329	STU	RS10020	WP	011225298.1
NTDB	id	297	STER	RS00545	WP	011680614.1
NTDB	id	1159209	QOR48	RS09160	WP	000020289.1
NTDB	id	377	SMU	RS09275	WP	002262344.1
consensus						



533
532
532
532
532
590
599
594
594
594
600
600
597
597

logo

NTDB	id	378	SMU	RS02690	WP	002263569.1
NTDB	id	241	SP	RS04015	WP	000882523.1
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	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	329	STU	RS10020	WP	011225298.1
NTDB	id	297	STER	RS00545	WP	011680614.1
NTDB	id	1159209	QOR48	RS09160	WP	000020289.1
NTDB	id	377	SMU	RS09275	WP	002262344.1
consensus						



611
610
610
610
610
670
679
674
674
674
680
680
677
677

logo

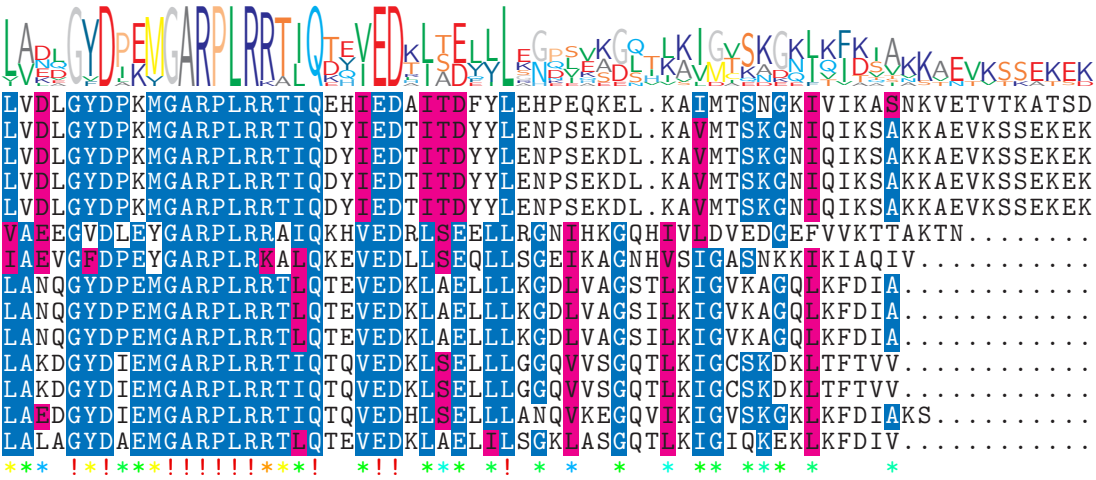
NTDB	id	378	SMU	RS02690	WP	002263569.1
NTDB	id	241	SP	RS04015	WP	000882523.1
NTDB	id	281	KZH43	RS03550	WP	000882517.1
NTDB	id	245	SPD	RS03860	WP	000882517.1
NTDB	id	243	SPR	RS03635	WP	000882517.1
NTDB	id	85	BSU	00860	NP	387967.1
NTDB	id	610	V4T04	RS10165	WP	012897346.1
NTDB	id	287	SP	RS11210	WP	001109712.1
NTDB	id	290	KZH43	RS10025	WP	001109677.1
NTDB	id	289	SPD	RS10700	WP	001109677.1
NTDB	id	329	STU	RS10020	WP	011225298.1
NTDB	id	297	STER	RS00545	WP	011680614.1
NTDB	id	1159209	QOR48	RS09160	WP	000020289.1
NTDB	id	377	SMU	RS09275	WP	002262344.1
consensus						



686
685
685
685
685
750
759
754
754
754
760
760
757
757

logo

NTDB	id	378	SMU	RS02690	WP	002263569.1
NTDB	id	241	SP	RS04015	WP	000882523.1
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	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	329	STU	RS10020	WP	011225298.1
NTDB	id	297	STER	RS00545	WP	011680614.1
NTDB	id	1159209	QOR48	RS09160	WP	000020289.1
NTDB	id	377	SMU	RS09275	WP	002262344.1
consensus						



753
752
752
752
752
810
816
810
810
810
816
816
815
813

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved