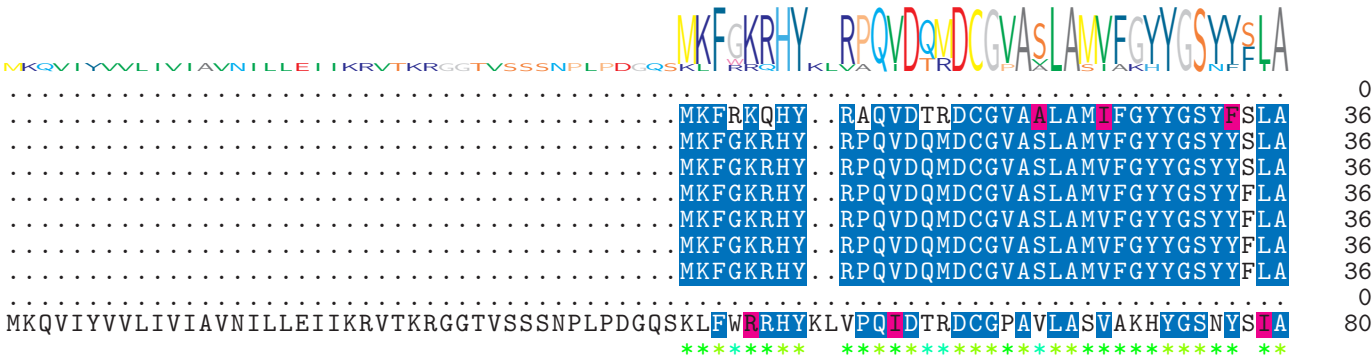


logo

NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 37503 SPM034183 RS13405 WP 001808910.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus



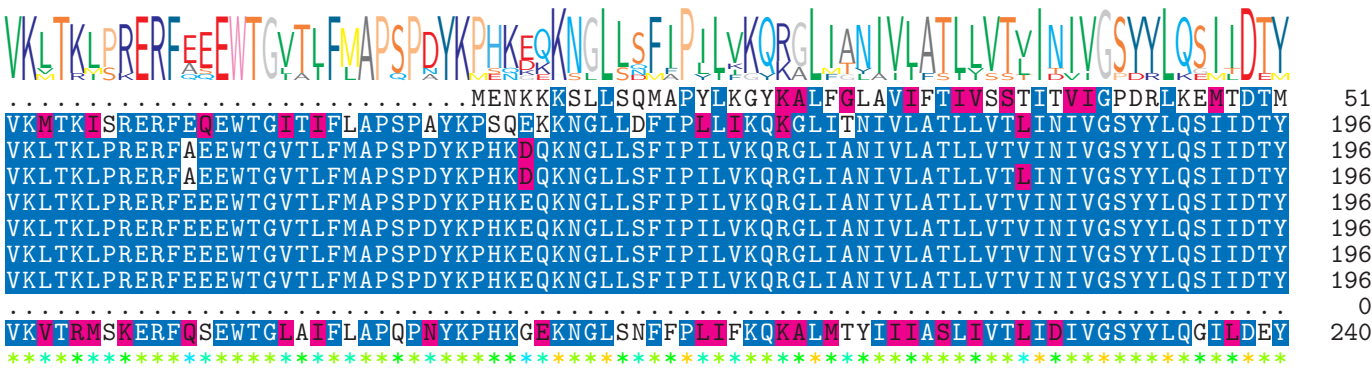
logo

NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 37503 SPM034183 RS13405 WP 001808910.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus



logo

NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 37503 SPM034183 RS13405 WP 001808910.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus



logo

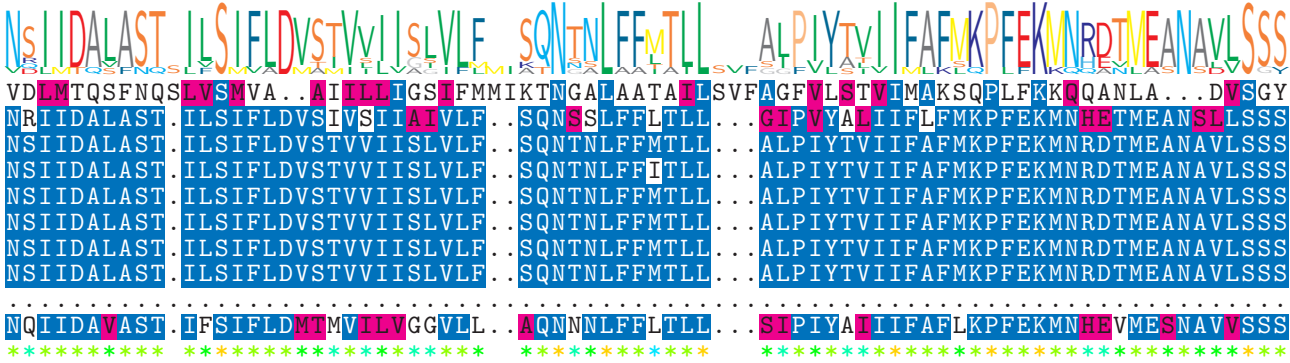
NTDB id	370	SMU RS04260 WP 002263294.1
NTDB id	421	SGO RS10260 WP 012131060.1
NTDB id	511	SMSK321 RS10730 WP 000668322.1
NTDB id	483	SM12261 RS00275 WP 000668315.1
NTDB id	247	KZH43 RS00220 WP 000668290.1
NTDB id	206	SPD RS00235 WP 000668290.1
NTDB id	171	SPR RS00230 WP 000668290.1
NTDB id	131	SP RS00255 WP 000668284.1
NTDB id	37503	SPN034183 RS13405 WP 001808910.1
NTDB id	358	SMU RS01425 WP 002263523.1
consensus		



131
272
272
272
272
272
272
272
272
0
316

logo

NTDB id	370	SMU RS04260 WP 002263294.1
NTDB id	421	SGO RS10260 WP 012131060.1
NTDB id	511	SMSK321 RS10730 WP 000668322.1
NTDB id	483	SM12261 RS00275 WP 000668315.1
NTDB id	247	KZH43 RS00220 WP 000668290.1
NTDB id	206	SPD RS00235 WP 000668290.1
NTDB id	171	SPR RS00230 WP 000668290.1
NTDB id	131	SP RS00255 WP 000668284.1
NTDB id	37503	SPN034183 RS13405 WP 001808910.1
NTDB id	358	SMU RS01425 WP 002263523.1
consensus		



206
346
346
346
346
346
346
346
346
0
390

logo

NTDB id	370	SMU RS04260 WP 002263294.1
NTDB id	421	SGO RS10260 WP 012131060.1
NTDB id	511	SMSK321 RS10730 WP 000668322.1
NTDB id	483	SM12261 RS00275 WP 000668315.1
NTDB id	247	KZH43 RS00220 WP 000668290.1
NTDB id	206	SPD RS00235 WP 000668290.1
NTDB id	171	SPR RS00230 WP 000668290.1
NTDB id	131	SP RS00255 WP 000668284.1
NTDB id	37503	SPN034183 RS13405 WP 001808910.1
NTDB id	358	SMU RS01425 WP 002263523.1
consensus		



282
422
422
422
422
422
422
422
422
0
466

logo

NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 37503 SPN034183 RS13405 WP 001808910.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus



362
502
502
502
502
502
502
502
502
0
546

logo

NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 37503 SPN034183 RS13405 WP 001808910.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus



442
582
582
582
582
582
582
582
582
32
626

logo

NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 37503 SPN034183 RS13405 WP 001808910.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus



520
662
662
662
662
662
662
662
662
111
705

```
NTDB id 370 SMU RS04260 WP 002263294.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 37503 SPN034183 RS13405 WP 001808910.1
NTDB id 358 SMU RS01425 WP 002263523.1
consensus
```



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