

```
NTDB id 458 SSUD9 RS00355 WP 002935296.1
NTDB id 257582 CWI26 RS00380 WP 029184821.1
NTDB id 455 SSU RS00330 WP 012774888.1
NTDB id 465 SSU05 0053 ABP89025.1
NTDB id 451 SPYM18 RS00325 WP 002986681.1
NTDB id 443 SPYM3 RS00325 WP 011054099.1
NTDB id 45 SMU RS00375 WP 002263400.1
NTDB id 555 STRINF RS01865 WP 174221231.1
consensus
```



```

NTDB id 458 SSUD9 RS00355 WP 002935296.1
NTDB id 257582 CWI26 RS00380 WP 029184821.1
NTDB id 455 SSU RS00330 WP 012774888.1
NTDB id 465 SSU05 0053 ABP89025.1
NTDB id 451 SPYM18 RS00325 WP 002986681.1
NTDB id 443 SPYM3 RS00325 WP 011054099.1
NTDB id 45 SMU RS00375 WP 002263400.1
NTDB id 555 STRINF RS01865 WP 174221231.1
consensus

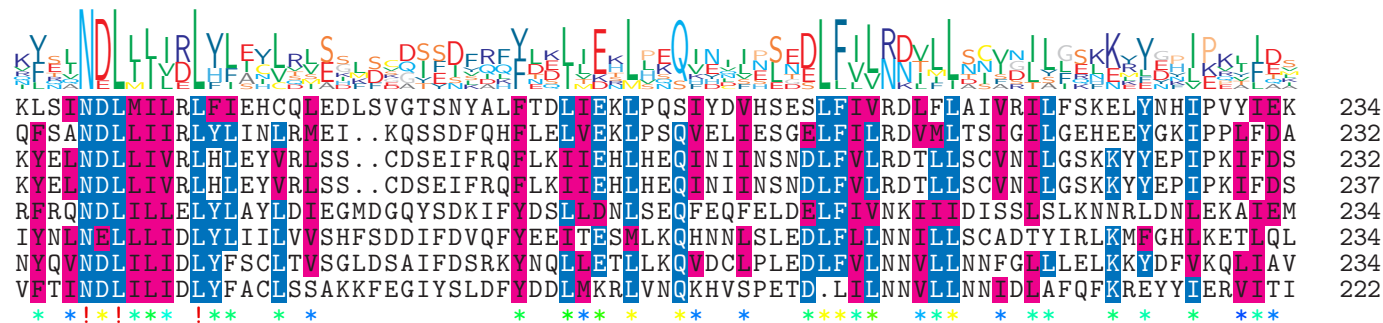
```



```

NTDB id 458 SSUD9 RS00355 WP 002935296.1
NTDB id 257582 CWI26 RS00380 WP 029184821.1
NTDB id 455 SSU RS00330 WP 012774888.1
NTDB id 465 SSU05 0053 ABP89025.1
NTDB id 451 SPYM18 RS00325 WP 002986681.1
NTDB id 443 SPYM3 RS00325 WP 011054099.1
NTDB id 45 SMU RS00375 WP 002263400.1
NTDB id 555 STRINF RS01865 WP 174221231.1
consensus

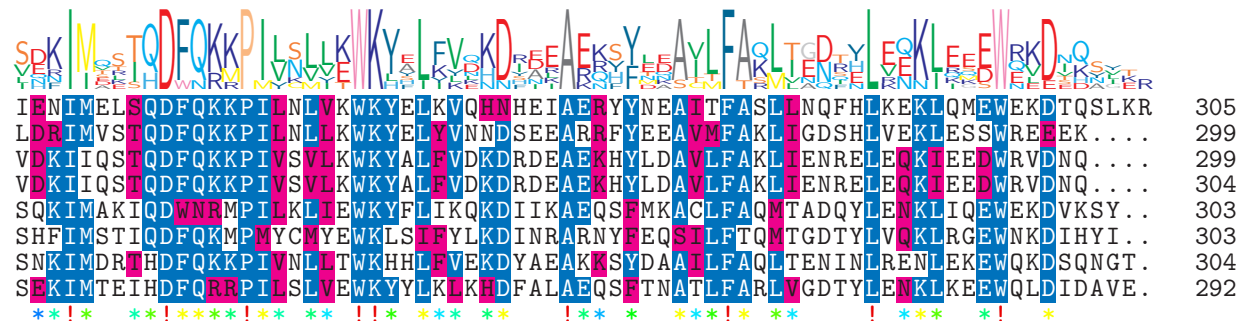
```



```

NTDB id 458 SSUD9 RS00355 WP 002935296.1
NTDB id 257582 CWI26 RS00380 WP 029184821.1
NTDB id 455 SSU RS00330 WP 012774888.1
NTDB id 465 SSU05 0053 ABP89025.1
NTDB id 451 SPYM18 RS00325 WP 002986681.1
NTDB id 443 SPYM3 RS00325 WP 011054099.1
NTDB id 45 SMU RS00375 WP 002263400.1
NTDB id 555 STRINF RS01865 WP 174221231.1
consensus

```



 non conserved
 similar
 $\geq 50\%$ conserved