

logo

NTDB id 216 SPD RS08205 WP 000614552.1  
 NTDB id 182 SPR RS07820 WP 000614552.1  
 NTDB id 257 KZH43 RS07655 WP 220041236.1  
 NTDB id 399420 GJE16 RS07935 WP 047474462.1  
 NTDB id 146 SP RS08570 WP 000614538.1  
 NTDB id 467 HSISS4 RS06915 WP 021143821.1  
 NTDB id 384 SMU RS02325 WP 002263039.1  
 consensus



80  
80  
80  
80  
80  
80  
80

logo

NTDB id 216 SPD RS08205 WP 000614552.1  
 NTDB id 182 SPR RS07820 WP 000614552.1  
 NTDB id 257 KZH43 RS07655 WP 220041236.1  
 NTDB id 399420 GJE16 RS07935 WP 047474462.1  
 NTDB id 146 SP RS08570 WP 000614538.1  
 NTDB id 467 HSISS4 RS06915 WP 021143821.1  
 NTDB id 384 SMU RS02325 WP 002263039.1  
 consensus



160  
160  
160  
160  
160  
160  
160

logo

NTDB id 216 SPD RS08205 WP 000614552.1  
 NTDB id 182 SPR RS07820 WP 000614552.1  
 NTDB id 257 KZH43 RS07655 WP 220041236.1  
 NTDB id 399420 GJE16 RS07935 WP 047474462.1  
 NTDB id 146 SP RS08570 WP 000614538.1  
 NTDB id 467 HSISS4 RS06915 WP 021143821.1  
 NTDB id 384 SMU RS02325 WP 002263039.1  
 consensus



240  
240  
240  
240  
240  
240  
240

logo

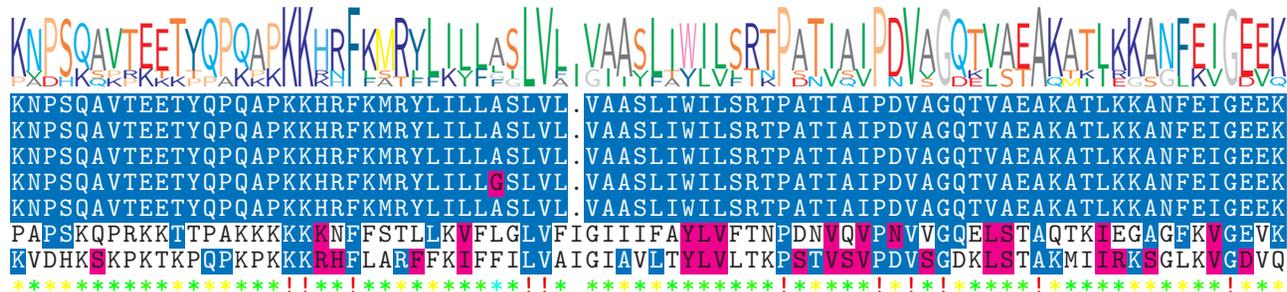
NTDB id 216 SPD RS08205 WP 000614552.1  
 NTDB id 182 SPR RS07820 WP 000614552.1  
 NTDB id 257 KZH43 RS07655 WP 220041236.1  
 NTDB id 399420 GJE16 RS07935 WP 047474462.1  
 NTDB id 146 SP RS08570 WP 000614538.1  
 NTDB id 467 HSISS4 RS06915 WP 021143821.1  
 NTDB id 384 SMU RS02325 WP 002263039.1  
 consensus



319  
319  
319  
319  
319  
318  
318

logo

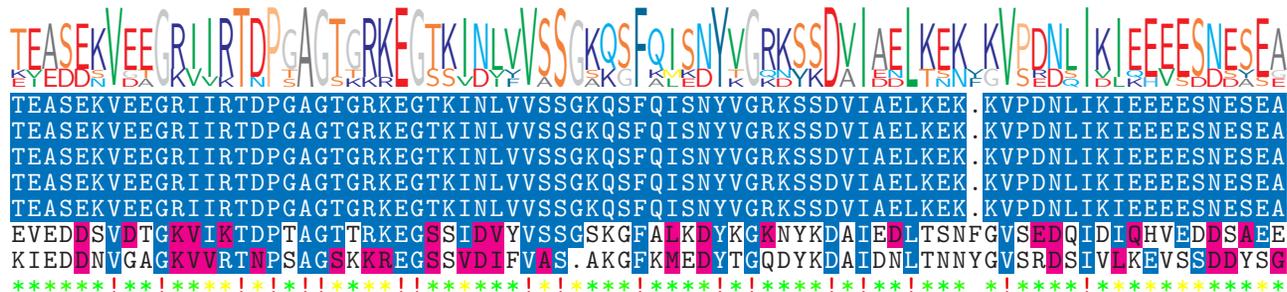
NTDB id 216 SPD RS08205 WP 000614552.1  
 NTDB id 182 SPR RS07820 WP 000614552.1  
 NTDB id 257 KZH43 RS07655 WP 220041236.1  
 NTDB id 399420 GJE16 RS07935 WP 047474462.1  
 NTDB id 146 SP RS08570 WP 000614538.1  
 NTDB id 467 HSISS4 RS06915 WP 021143821.1  
 NTDB id 384 SMU RS02325 WP 002263039.1  
 consensus



398  
398  
398  
398  
398  
398  
398

logo

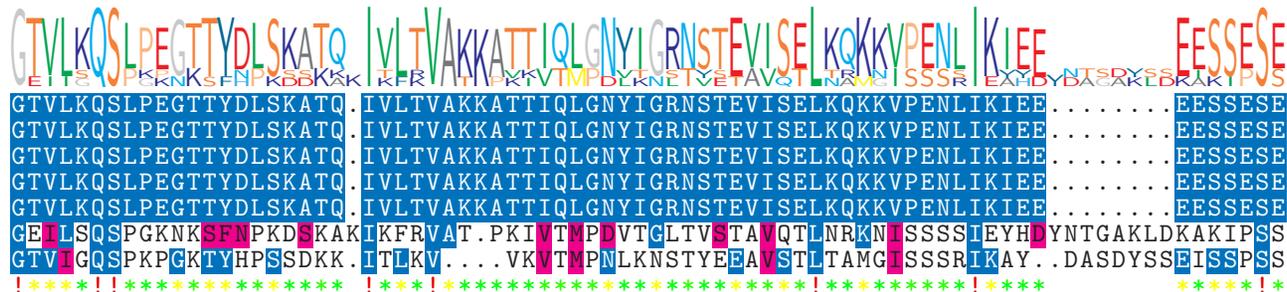
NTDB id 216 SPD RS08205 WP 000614552.1  
 NTDB id 182 SPR RS07820 WP 000614552.1  
 NTDB id 257 KZH43 RS07655 WP 220041236.1  
 NTDB id 399420 GJE16 RS07935 WP 047474462.1  
 NTDB id 146 SP RS08570 WP 000614538.1  
 NTDB id 467 HSISS4 RS06915 WP 021143821.1  
 NTDB id 384 SMU RS02325 WP 002263039.1  
 consensus



477  
477  
477  
477  
477  
478  
477

logo

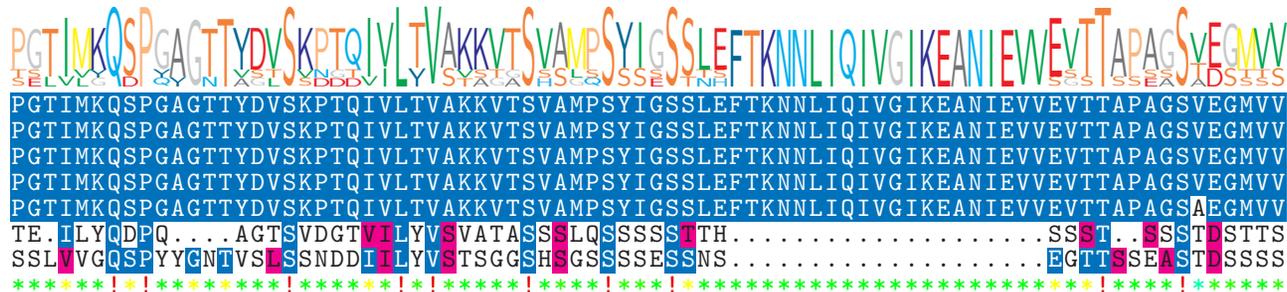
NTDB id 216 SPD RS08205 WP 000614552.1  
 NTDB id 182 SPR RS07820 WP 000614552.1  
 NTDB id 257 KZH43 RS07655 WP 220041236.1  
 NTDB id 399420 GJE16 RS07935 WP 047474462.1  
 NTDB id 146 SP RS08570 WP 000614538.1  
 NTDB id 467 HSISS4 RS06915 WP 021143821.1  
 NTDB id 384 SMU RS02325 WP 002263039.1  
 consensus



548  
548  
548  
548  
548  
557  
550

logo

NTDB id 216 SPD RS08205 WP 000614552.1  
 NTDB id 182 SPR RS07820 WP 000614552.1  
 NTDB id 257 KZH43 RS07655 WP 220041236.1  
 NTDB id 399420 GJE16 RS07935 WP 047474462.1  
 NTDB id 146 SP RS08570 WP 000614538.1  
 NTDB id 467 HSISS4 RS06915 WP 021143821.1  
 NTDB id 384 SMU RS02325 WP 002263039.1  
 consensus



628  
628  
628  
628  
628  
610  
610

logo

```
NTDB id 216 SPD RS08205 WP 000614552.1 .EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP 659
NTDB id 182 SPR RS07820 WP 000614552.1 .EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP 659
NTDB id 257 KZH43 RS07655 WP 220041236.1 .EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP 659
NTDB id 399420 GJE16 RS07935 WP 047474462.1 .EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP 659
NTDB id 146 SP RS08570 WP 000614538.1 .EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP 659
NTDB id 467 HSISS4 RS06915 WP 021143821.1 STETSTEATHTELC..... 624
NTDB id 384 SMU RS02325 WP 002263039.1 ATT.....SH..... 616
consensus *****~*****
```

non conserved  
 similar  
 ≥ 50% conserved