

logo

NTDB id 403110 GL184 RS02690 WP 000614540.1
 NTDB id 146 SP RS08570 WP 000614538.1
 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 384 SMU RS02325 WP 002263039.1
 NTDB id 467 HSISS4 RS06915 WP 021143821.1
 consensus



80
80
80
80
80
80
80

logo

NTDB id 403110 GL184 RS02690 WP 000614540.1
 NTDB id 146 SP RS08570 WP 000614538.1
 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 384 SMU RS02325 WP 002263039.1
 NTDB id 467 HSISS4 RS06915 WP 021143821.1
 consensus



160
160
160
160
160
160
160

logo

NTDB id 403110 GL184 RS02690 WP 000614540.1
 NTDB id 146 SP RS08570 WP 000614538.1
 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 384 SMU RS02325 WP 002263039.1
 NTDB id 467 HSISS4 RS06915 WP 021143821.1
 consensus



240
240
240
240
240
240
240

logo

NTDB id 403110 GL184 RS02690 WP 000614540.1
 NTDB id 146 SP RS08570 WP 000614538.1
 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 384 SMU RS02325 WP 002263039.1
 NTDB id 467 HSISS4 RS06915 WP 021143821.1
 consensus



319
319
319
319
319
318
318

logo

NTDB id 403110 GL184 RS02690 WP 000614540.1
 NTDB id 146 SP RS08570 WP 000614538.1
 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 384 SMU RS02325 WP 002263039.1
 NTDB id 467 HSISS4 RS06915 WP 021143821.1
 consensus



398
398
398
398
398
398
398

logo

NTDB id 403110 GL184 RS02690 WP 000614540.1
 NTDB id 146 SP RS08570 WP 000614538.1
 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 384 SMU RS02325 WP 002263039.1
 NTDB id 467 HSISS4 RS06915 WP 021143821.1
 consensus



477
477
477
477
477
477
478

logo

NTDB id 403110 GL184 RS02690 WP 000614540.1
 NTDB id 146 SP RS08570 WP 000614538.1
 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 384 SMU RS02325 WP 002263039.1
 NTDB id 467 HSISS4 RS06915 WP 021143821.1
 consensus



548
548
548
548
548
550
557

logo

NTDB id 403110 GL184 RS02690 WP 000614540.1
 NTDB id 146 SP RS08570 WP 000614538.1
 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 384 SMU RS02325 WP 002263039.1
 NTDB id 467 HSISS4 RS06915 WP 021143821.1
 consensus



628
628
628
628
628
610
610

logo

```
NTDB id 403110 GL184 RS02690 WP 000614540.1 .EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP 659
NTDB id 146 SP RS08570 WP 000614538.1 .EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP 659
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 384 SMU RS02325 WP 002263039.1 ATT.....SH..... 616
NTDB id 467 HSISS4 RS06915 WP 021143821.1 STETSTEATHTELQ..... 624
consensus *****~*****
```

non conserved
 similar
 ≥ 50% conserved