

logo

NTDB id 40966 H020 RS0108590 WP 000614538.1  
 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 40966 H020 RS0108590 WP 000614538.1  
 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 40966 H020 RS0108590 WP 000614538.1  
 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 40966 H020 RS0108590 WP 000614538.1  
 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 40966 H020 RS0108590 WP 000614538.1  
 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 40966 H020 RS0108590 WP 000614538.1  
 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 40966 H020 RS0108590 WP 000614538.1  
 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 40966 H020 RS0108590 WP 000614538.1  
 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  
614  
615

logo

NTDB id 40966 H020 RS0108590 WP 000614538.1  
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

EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP  
TEASHTTEIQ  
EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP  
EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP  
EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP  
EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP  
EQSPRAGEKVDLNKTRVKISIIYKPKTTSATP  
.....SH.....  
...TEATHTEIQ.....  
\*\*\*\*\*~\*\*\*\*\*

659  
659  
659  
659  
659  
616  
624

non conserved  
 similar  
 ≥ 50% conserved