

```
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 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1036988 ACB329 RS06780 WP 010922538.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus
```



```
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 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1036988 ACB329 RS06780 WP 010922538.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus
```



```
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 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1036988 ACB329 RS06780 WP 010922538.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus
```



```

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 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1036988 ACB329 RS06780 WP 010922538.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus

```



logo

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 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1036988 ACB329 RS06780 WP 010922538.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



396
396
396
396
396
398
396

logo

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 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1036988 ACB329 RS06780 WP 010922538.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



475
475
475
475
476
478
475

logo

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 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1036988 ACB329 RS06780 WP 010922538.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



544
544
544
544
553
556
546

logo

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 467 HSISS4 RS06915 WP 021143821.1
NTDB id 1036988 ACB329 RS06780 WP 010922538.1
NTDB id 384 SMU RS02325 WP 002263039.1
consensus



624
624
624
624
611
619
604

logo



X non conserved
X similar
X ≥ 50% conserved