

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



67
72
73
73
73
73
73
73
73

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



147
152
153
153
153
153
153
153
153

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



223
232
233
233
233
233
233
233
233

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



300
312
313
313
313
313
313
313
313

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



380
390
390
390
390
390
390
390

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



460
470
470
470
470
470
470
470

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



538
548
549
549
549
549
549
549

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



618
628
629
629
629
629
629
629

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



698
707
709
709
709
709
709
709

logo

NTDB id 596 KW2 RS08720 WP 021037686.1
NTDB id 158208 APQ97 RS03750 WP 002935350.1
NTDB id 494 SM12261 RS04305 WP 000942409.1
NTDB id 522 SMSK321 RS04965 WP 000942453.1
NTDB id 189 SPR RS04300 WP 000942407.1
NTDB id 223 SPD RS04540 WP 000942407.1
NTDB id 154 SP RS04735 WP 000942394.1
NTDB id 264 KZH43 RS04200 WP 000942407.1
consensus



736
745
746
746
746
746
746
746

☒ non conserved
☒ similar
☒ ≥ 50% conserved