

```

NTDB id 189877 IEC33019 RS20300 WP 043208425.1
NTDB id 125 BSU 00870 NP 387968.1
NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
consensus

```



80
80
77
77
77
77
77
77

```

NTDB id 189877 IEC33019 RS20300 WP 043208425.1
NTDB id 125 BSU 00870 NP 387968.1
NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
consensus

```



159
160
156
156
156
156
156
156

```

NTDB id 189877 IEC33019 RS20300 WP 043208425.1
NTDB id 125 BSU 00870 NP 387968.1
NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
consensus

```



239
240
236
236
236
236
236
236

```

NTDB id 189877 IEC33019 RS20300 WP 043208425.1
NTDB id 125 BSU 00870 NP 387968.1
NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
consensus

```



319
320
316
316
316
316
316
316

logo

NTDB id 189877 IEC33019 RS20300 WP 043208425.1
NTDB id 125 BSU 00870 NP 387968.1
NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
consensus



399
400
396
396
396
396
396
396
396

logo

NTDB id 189877 IEC33019 RS20300 WP 043208425.1
NTDB id 125 BSU 00870 NP 387968.1
NTDB id 279 KZH43 RS00140 WP 074017595.1
NTDB id 238 SPD RS00140 WP 074017595.1
NTDB id 204 SPR RS00140 WP 074017595.1
NTDB id 169 SP RS00155 WP 074017595.1
NTDB id 537 SMSK321 RS07120 WP 080550752.1
NTDB id 509 SM12261 RS00130 WP 078228442.1
consensus



455
458
453
453
453
453
453
453
453

☐ non conserved
☒ similar
☒ ≥ 50% conserved