

```
NTDB id 615 LCA RS02545 WP 011374200.1
NTDB id 593 KW2 RS05130 WP 021037147.1
NTDB id 194961 BGL51 RS01955 WP 011680770.1
NTDB id 167 SP RS11275 WP 000867616.1
NTDB id 277 KZH43 RS10090 WP 000867601.1
NTDB id 236 SPD RS10765 WP 000867601.1
NTDB id 202 SPR RS10250 WP 000867601.1
NTDB id 507 SM12261 RS09240 WP 000867722.1
NTDB id 535 SMSK321 RS10515 WP 000867726.1
consensus
```



74  
80  
68  
69  
69  
69  
69  
69  
69

```
NTDB id 615 LCA RS02545 WP 011374200.1
NTDB id 593 KW2 RS05130 WP 021037147.1
NTDB id 194961 BGL51 RS01955 WP 011680770.1
NTDB id 167 SP RS11275 WP 000867616.1
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NTDB id 236 SPD RS10765 WP 000867601.1
NTDB id 202 SPR RS10250 WP 000867601.1
NTDB id 507 SM12261 RS09240 WP 000867722.1
NTDB id 535 SMSK321 RS10515 WP 000867726.1
consensus
```



154  
158  
147  
147  
147  
147  
147  
147  
147

```
NTDB id 615 LCA RS02545 WP 011374200.1
NTDB id 593 KW2 RS05130 WP 021037147.1
NTDB id 194961 BGL51 RS01955 WP 011680770.1
NTDB id 167 SP RS11275 WP 000867616.1
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NTDB id 236 SPD RS10765 WP 000867601.1
NTDB id 202 SPR RS10250 WP 000867601.1
NTDB id 507 SM12261 RS09240 WP 000867722.1
NTDB id 535 SMSK321 RS10515 WP 000867726.1
consensus
```



234  
236  
225  
225  
225  
225  
225  
225  
225

```
NTDB id 615 LCA RS02545 WP 011374200.1
NTDB id 593 KW2 RS05130 WP 021037147.1
NTDB id 194961 BGL51 RS01955 WP 011680770.1
NTDB id 167 SP RS11275 WP 000867616.1
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NTDB id 236 SPD RS10765 WP 000867601.1
NTDB id 202 SPR RS10250 WP 000867601.1
NTDB id 507 SM12261 RS09240 WP 000867722.1
NTDB id 535 SMSK321 RS10515 WP 000867726.1
consensus
```



309  
299  
301  
301  
301  
301  
301  
301  
301

logo

NTDB id 615 LCA RS02545 WP 011374200.1  
NTDB id 593 KW2 RS05130 WP 021037147.1  
NTDB id 194961 BGL51 RS01955 WP 011680770.1  
NTDB id 167 SP RS11275 WP 000867616.1  
NTDB id 277 KZH43 RS10090 WP 000867601.1  
NTDB id 236 SPD RS10765 WP 000867601.1  
NTDB id 202 SPR RS10250 WP 000867601.1  
NTDB id 507 SM12261 RS09240 WP 000867722.1  
NTDB id 535 SMSK321 RS10515 WP 000867726.1  
consensus



389  
379  
381  
381  
381  
381  
381  
381  
381

logo

NTDB id 615 LCA RS02545 WP 011374200.1  
NTDB id 593 KW2 RS05130 WP 021037147.1  
NTDB id 194961 BGL51 RS01955 WP 011680770.1  
NTDB id 167 SP RS11275 WP 000867616.1  
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NTDB id 202 SPR RS10250 WP 000867601.1  
NTDB id 507 SM12261 RS09240 WP 000867722.1  
NTDB id 535 SMSK321 RS10515 WP 000867726.1  
consensus



445  
430  
439  
432  
432  
432  
432  
432  
432

X non conserved  
X similar  
X ≥ 50% conserved