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NTDB id 1323 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 214207 BWG70 RS25800 WP 076027691.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus
```

[illegible]

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NTDB id 1323 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 214207 BWG70 RS25800 WP 076027691.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

```



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NTDB id 1323 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 214207 BWG70 RS25800 WP 076027691.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus
```



PMSDTEALEETASISLVCKEENFHNWKLRRPFRAPHHSASMAALVGGGSPRPGEISLAHNGVLFDELPEFRRVLDAES
 PLESEQIMSTRVAVANENPRTAKTSEMRPPLSITSLAEMNTKSR
 PPLTLKEALETTKIHSVAGKMGAETSLMTIRPFRSPHHTISDVALVGGGSSYPQPGEISLAHNGVLFDEMPEFKRITVLEFV
 PELSETQALECAAINSIRGKLPDF.REWRLLPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFDELPEFNRRQVLEF
 PELSETGALECAAINSIRGKLPDF.REWRLLPFRAPHHTASPVALVGGGNPPKPGEISLAHHGVLFDELPEFNRRQVLEF
 PPLSNQEALESAAIQSLVNLHTAK.TRWRRQRPFRAPHHSASLAAMVGGGSIPVPGEISLAHNGVLFDELPEFERRVLDA
 PMSDEEAMETASVASLTQSEINE.HNWKTRPFRAPHHSSSMAALVGGGSPRPGEISLAHNGLLFLDEMPEFDRKVLD
 PMSDEEAMETASIASLTQGEINQ.HNWKLRRPFRAPHHSSSMAALVGGGTIPRPGEISLAHNGLLFLDEMPEFERKVLD
 PEMTDLEATETASVTSLVQNELNF.HNWKKRPFAPHHSASMPALVGGGTIPKPGEISLATNGVLFDELPEFERKVLD
 PEMEDDEATETASVTSLVQNELNF.QNWKKRPFRSPPHHSASMVALVGGGSIPKPGEISLAHNGVLFDELPEFERKVLD

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NTDB id 1323 RA0C RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC08S RS03150 WP 011213198.1
NTDB id 214207 BWG70 RS25800 WP 076027691.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus
```



318
314
314
313
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314
318
317

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 214207 BWG70 RS25800 WP 076027691.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus



397
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395

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 214207 BWG70 RS25800 WP 076027691.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus



475
470
470
466
467
467
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471

logo

NTDB id 1323 RAOC RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 214207 BWG70 RS25800 WP 076027691.1
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NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus



510
503
503
506
507
507
509
510

☒ non conserved
☒ similar
☒ ≥ 50% conserved