

```
NTDB id 361 SMU RS01310 WP 002262737.1
NTDB id 1127360 FGK96 RS07965 WP 138082902.1
NTDB id 478 HSISS4 RS06985 WP 021143811.1
NTDB id 327 STU RS16115 WP 011226304.1
NTDB id 295 STER RS06915 WP 011226304.1
consensus
```

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consensus
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[illegible]

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consensus
```

YATVEEIFYEPCHPYTWSLLSSLPQLADDNGKELFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	316
YGTVDDEVFYNPQHPTWSLLSSLPQLADDNGKELFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	320
YATVEEIFYEPCHPYTWSLLSSLPQLADDNGKELFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	320
YATVEEIFYEPCHPYTWSLLSSLPQLADDNGKELFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	320
YATVEEIFYEPCHPYTWSLLSSLPQLADDNGKELFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	320

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TWLLHEDAPKVKPQPAVIQLNHEKILANMGFAHLGDEEEEGNA
DDRLEPEERLDLWRKKQTYREEDNV

TWLLD^DRAPK^ITPPER^LLRWE^KWKS^LLQGE^KHND..... 350
TWLLHPDAPKV^QKPE^VIQD^IHEK^ISKKQ^TYREE^GNV..... 356
TWLLHEDAPKV^EKPAVIQLNHEK^IIRANM^GF^AHLGDEEEEGNA 361
TWLLHEDAPKV^DKPAVIQLNHEK^ILANM^GF^AHLGDEEEEGNA 361
TWLLHEDAPKV^DKPAVIQLNHEK^ILANM^GF^AHLGDEEEEGNA 361

!!!!!!*!*!*****!*****!!!!!!!!!!!!!!!!!!!!!!!!!!!!

 non conserved
 similar
 $\geq 50\%$ conserved