Block 1

```
logo
NTDB id 361 SMU RS01310 WP 002262737.1    ..MSKEKILQVNNLHVNFHTYAGEVKAIRDVSFYLEKGETLAILVGESGSGKSVTTRTLMGLSAKNAEI.FGDIEFKGHNL    77
NTDB id 1147158 CKV83 RS09905 WP 018373615.1 .MNSNNVILSAKDVVVEFDVRDRVLTAIRNVSIDMIEGEVLAVGESGSGKSVLTRAFTGMLETNGRVASGSITYRGREL    79
NTDB id 327 STU RS16115 WP 011226304.1    MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDL    80
NTDB id 295 STER RS06915 WP 011226304.1   MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDL    80
NTDB id 478 HSISS4 RS06985 WP 021143811.1 MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGQDL    80
consensus
```

Block 2

```
logo
NTDB id 361 SMU RS01310 WP 002262737.1    NDLK.EEDWVHIRGNDISMIFQDPMTSLDPTMRIGLQIAEPIIKHEKVTKKEALKRALDMMEKVGIPNAQEHINDYPHQW    156
NTDB id 1147158 CKV83 RS09905 WP 018373615.1 TDVTSDKEWESIRGSKIATIFQDPMTSLNPIVTIGKQIVEVIVKHQGKTKEEAKEMAVDYMEKVGIPEASKRFNEYPFQY    159
NTDB id 327 STU RS16115 WP 011226304.1    TKFKSHQDWAAIRGAKIATIFQDPMTSLNPIKTIGSQIIEVIVKHQGKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY    160
NTDB id 295 STER RS06915 WP 011226304.1   TKFKSHQDWAAIRGAKIATIFQDPMTSLNPIKTIGSQIIEVIVKHQGKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY    160
NTDB id 478 HSISS4 RS06985 WP 021143811.1 TKLKSHQDWAHIRGAKIATIFQDPMTSLDPIKTIGSQIIEVIVKHQGKSAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY    160
consensus
```

Block 3

```
logo
NTDB id 361 SMU RS01310 WP 002262737.1    SGGMRQRAVIAIALATNPEILVADEPTTALDVTIQAQILHLMKEIQKNTDSSLIFITHDLGVVAGMADRVAVMYAGKIVE    236
NTDB id 1147158 CKV83 RS09905 WP 018373615.1 SGGMRQRIVIAIALACRPDLLICDEPTTALDVTIQAQIIDLLKSLQKEYHFTTIFITHDLGVVAAIADKVAVMYAGEVIE    239
NTDB id 327 STU RS16115 WP 011226304.1    SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIE    240
NTDB id 295 STER RS06915 WP 011226304.1   SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIE    240
NTDB id 478 HSISS4 RS06985 WP 021143811.1 SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIE    240
consensus
```

Block 4

```
logo
NTDB id 361 SMU RS01310 WP 002262737.1    YGTVDEVFYNPQHPYTWGLLNSMPTTNTASGSLHSIPGTPPDLLQPPQGDAFAPRNEFALDIDLKEEPPFFKVSDSHYAA    316
NTDB id 1147158 CKV83 RS09905 WP 018373615.1 YGTVEEIFYDPRHPYTWSLLSSLPQLADESGSLFSIPGTPPSLYTPLKGDAFALRSDYAMKIDFEEHPPAFSVSDTHWAK    319
NTDB id 327 STU RS16115 WP 011226304.1    YATVEEIFYEPCHPYTWSLLSSLPQLADDNGKLFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK    320
NTDB id 295 STER RS06915 WP 011226304.1   YATVEEIFYEPCHPYTWSLLSSLPQLADDNGKLFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK    320
NTDB id 478 HSISS4 RS06985 WP 021143811.1 YATVEEIFYEPCHPYTWSLLSSLPQLADDKGELFSIPGTPPSLYTPVVGDAFALRSDYAMQIDFEEKAPQFQVSDTHWAK    320
consensus
```

Block 5

```
logo
NTDB id 361 SMU RS01310 WP 002262737.1    TWLLDDRAPKITPPERILQRWEKWKSLQGEKHND.......    350
NTDB id 1147158 CKV83 RS09905 WP 018373615.1 TWLLHPDAPVVDKPEAIQDLHEKIKQKMLAQK.........    351
NTDB id 327 STU RS16115 WP 011226304.1    TWLLHEDAPKVDKPAVIQNLHEKILANMGFAHLGDEEEGNA    361
NTDB id 295 STER RS06915 WP 011226304.1   TWLLHEDAPKVDKPAVIQNLHEKILANMGFAHLGDEEEGNA    361
NTDB id 478 HSISS4 RS06985 WP 021143811.1 TWLLHEDAPKVEKPAVIQNLHEKIRANMGFAHLGDEEEGNA    361
consensus
```