

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGS�AEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
.....	0
.....	0
.....	0

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
.....	0
.....	0
.....	0

NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALL	240
.....	0
.....	0
.....	0

NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

[illegible]

```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```

KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQSGKLRPEALAQAVATQLGYPYVDPEEDP. 399
MSQYITICEQQTERI 14
 0
 0
 *

```

NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

```

.....PDPGAPLLLPEDLCRRYGVFPHRLEGNRLVLLMKDPRNILLALDDVRLALKRKGLNYEVAFAVATEAAITKLI....471
FDISPSRWQKNCEEKQLLLRRLAVPVQETEHKLWLAVDDENNLTACEIFAFM.TH....KQIEPVVIASDELKYLLINALS89
.....0
.....0

* * * * *

NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus



```

NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

```



```

NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

```



NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus



```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```



```
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1055394 AB3Z04 RS11740 WP 003153083.1
NTDB id 96 BSU 24730 NP 390353.1
consensus
```



 non conserved
 similar
 $\geq 50\%$ conserved