

```
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 312174 D1101 RS01030 WP 005613635.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus
```

..MKNGLKT..YVAQTWLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSI	76
..MKNGLKT..YVAQTWLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSI	76
MKMRHGLTLTPRKLTGLFSLWFSLLLAP...FVAAEEVQSNLSKSIDFRITNKDKDAVIVVELVSPAAIVDIKRVQEGLSI	77
.....	0
.....	0
.....	0
.....	0
.....	0

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NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
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NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus

```

ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVISK.LKADEKPKPKSVLEK	E	155
ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDYTLKGKYLEVVISK.LKADEKPKPKSVLEK	E	155
DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDSTTRLVAYIDEDYSHDYRLTGRYLEVVKVGK.LKANEKAPDKSILDKE	E	156
.....MKKYFLKCGYFLVCFCLPLIVFANP.....	KTD	28
.....MKKYFLKCGYFLVCFCLPLIVFANP.....	KTD	28
.....MRKM.....IWL	LFILTP.....VMA	17
.....MRY.....LFL	FFATFP.....VLA	16
.....*	!	*

```
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NTDB id 1175 A1552VC RS12105 WP 000788426.1
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NTDB id 312174 D1101 RS01030 WP 005613635.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus
```

[illegible]

```

NTDB id 1186 GTF74 RS01320 WP 000788426.1
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consensus

```

[illegible]

logo

NTDB id 1186 GTF74 RS01320 WP 000788426.1
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NTDB id 312174 D1101 RS01030 WP 005613635.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



386
386
395
245
245
232
229

logo

NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
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NTDB id 312174 D1101 RS01030 WP 005613635.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



465
465
474
324
324
311
308

logo

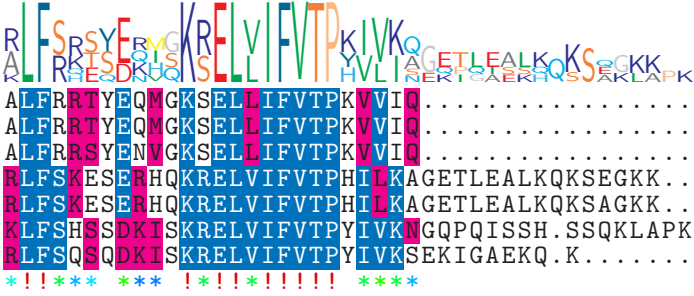
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1347 HI 0435 AAC22094.1
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NTDB id 312174 D1101 RS01030 WP 005613635.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



545
545
554
404
404
390
385

logo

NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1347 HI 0435 AAC22094.1
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NTDB id 312174 D1101 RS01030 WP 005613635.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



571
571
580
445
445
432
420

☒ non conserved
☒ similar
☒ ≥ 50% conserved