

```

NTDB id 1272 LPP RS04360 WP 010946546.1
NTDB id 1249 GC085 RS04230 WP 010946546.1
NTDB id 1014 ACIAD RS13855 WP 004924483.1
NTDB id 1382 A4U84 RS07375 WP 062924234.1
NTDB id 1362 HI 1008 AAC22669.1
NTDB id 493 SM12261 RS04300 WP 000387351.1
NTDB id 521 SMSK321 RS04960 WP 000443804.1
NTDB id 418974 GWG05 RS03940 WP 010675541.1
NTDB id 1159 ABDM36 RS04765 WP 001166105.1
NTDB id 1150 A1552VC RS08580 WP 001166105.1
NTDB id 1294 VP RS04495 WP 021449594.1
consensus

```

AVKSPGIYDL**P**VGSRVND**A**VQKAGGLTEQADSKSLNLAQKV...SDEAL...VYVP**T**KGEEAASQQAG
AVKSPGIYDLSVGSRVND**A**VQKAGGLTEQADSKSLNLAQKV...SDEAL...VYVP**T**KGEESASQHTG
MNK.KTLI.AAL**L**SCL...P**L**LSQP**L****L**AADKAATK
..MQIKTKIV.TLFL**S**LCL...PT**L**P**L**LANA**E**ETA
..MQIKTKIV.TLFL**S**LCL...PT**L**P**L**LANA**E**ETA
..M.KWIL**T**LCL...V**F**FAP**L**SL**A**AD

```

NTDB id 1272 LPP RS04360 WP 010946546.1
NTDB id 1249 GC085 RS04230 WP 010946546.1
NTDB id 1014 ACIAD RS13855 WP 004924483.1
NTDB id 1382 A4U84 RS07375 WP 062924234.1
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NTDB id 1159 ABDM36 RS04765 WP 001166105.1
NTDB id 1150 A1552VC RS08580 WP 001166105.1
NTDB id 1294 VP RS04495 WP 021449594.1
consensus

```



Sequence	Position
.....EPQKTPAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEATLAYRENHQGFKSLEELAEVKGIGQRFVDKNREK	97
.....EPQKTPAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEATLAYRENHQGFKSLEELAEVKGIGQRFVDKNREK	97
NSSASHSLSKPTQSQSGTGVKVININSAKAKEL.QQLHGVGEKKALAIVEYRQYKGFASVDDLKVGKIGPKFKTEKNRDR	125
EHTPVVMQQ.VAATQKVNANVNNINTATASEIQDKLVGIGAKKAQAIVYEYREKNGKFLNVEQLTEVSGIGKATLEKNRDC	109
AQSVVTTTQAEAQVAPAVVSDKLNINNTATASEIQKSLTGIGAKKAQAIVQYREKHGCFXNAEQLLEVQGIGKATLEKNRDR	109
.....PGTASSTSKKKVNNLNKASLEEL.KQVKGGLGGKRAQDIDHREANGKFKSVDELKKVSGIGAKTIEKLKDY	212
.....SGAPSSTSKKKKINLNKASLEEL.KQVKGGLGGKRAQDIDHREANGKFKSVDELKKVSGIGAKTIEKLKDY	212
.....PVATTQVKESDKINLNTASAGEL.TALKGIGEKKAQAIDHREKGGKFTSVDQLADVSGIGPATLEANRDM	101
.....PAAQVEEGIVITVNINTASAEELATLLKGIGLKKQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAAR	100
.....PAAQVEEGIVITVNINTASAEELATLLKGIGLKKQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAAR	100
.....TKADKYEGIEITVNINTASAEIATMLKGIGEEKKASIVDYRTEHGFKTAADLTNVKGIGEATIKKNEDR	91

logo

NTDB id 1272 LPP RS04360 WP 010946546.1	LKEIFVIN	105
NTDB id 1249 GC085 RS04230 WP 010946546.1	LKEIFVIN	105
NTDB id 1014 ACIAD RS13855 WP 004924483.1	LAI.....	128
NTDB id 1382 A4U84 RS07375 WP 062924234.1	IVIE.....	113
NTDB id 1362 HI 1008 AAC22669.1	IIF.....	112
NTDB id 493 SM12261 RS04300 WP 000387351.1	VTVD....	216
NTDB id 521 SMSK321 RS04960 WP 000443804.1	VTVD....	216
NTDB id 418974 GWG05 RS03940 WP 010675541.1	IIVK....	105
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	ILL.....	103
NTDB id 1150 A1552VC RS08580 WP 001166105.1	ILL.....	103
NTDB id 1294 VP RS04495 WP 021449594.1	ILL.....	94
consensus	***	

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved