logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1   MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT   80
NTDB id 1143 A1552VC RS01965 WP 001883436.1 MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT   80
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1   ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ   160
NTDB id 1143 A1552VC RS01965 WP 001883436.1 ALFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGFVRSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ   160
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1   QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDDILLVDIDGNVVYSIYKYDNFGTNLLTGKYQ   240
NTDB id 1143 A1552VC RS01965 WP 001883436.1 QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDFDDILLVDIDGNVVYSIYKYDNFGTNLLTGKYQ   240
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1   DTNLGHTFKRLEQTVNEQRKTNEDFTPVVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLIAEGSSNPSM   320
NTDB id 1143 A1552VC RS01965 WP 001883436.1 DTNLGHTFKRLEQTVNEQRKTNEDFTPVVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLIAEGSSNPSM   320
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1   QTILVGQDHRSRTLTSAEIAVEKSKAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLKNIHWALVVELPEKEAFARVRQ   400
NTDB id 1143 A1552VC RS01965 WP 001883436.1 QTILVGQDHRSRTLTSAEIAVEKSKAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLKNIHWALVVELPEKEAFARVRQ   400
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1   LEKLFVFAMLTAIVLVVIASHYLSNFITSPLLKLTWAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLI   480
NTDB id 1143 A1552VC RS01965 WP 001883436.1 LEKLFVFAMLTAIVLVVIASHYLSNFITSPLLKLTWAAERVSAGDLDEAMINTERKDEIGRLAVSFERMQRSIREKISLI   480
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1   KSQNKELESNLLIIRKQNDELQLANKLKDEFLATTSHELRTPLHGMIGIAEALISGANGPISAAHKYQLDIIISSGQRLA   560
NTDB id 1143 A1552VC RS01965 WP 001883436.1 KSQNKELESNLLIIRKQNDELQLANKLKDEFLATTSHELRTPLHGMIGIAEALISGANGPISAAHKYQLDIIISSGQRLA   560
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1  TLVDDLLDYHKMRYGALDIQRCAVDLSSATRLVLELSHHLLGKKTLRIINQVSEQPVWVSADPQRLEQVLYNLIGNAIKY   640
NTDB id 1143 A1552VC RS01965 WP 001883436.1 TLVDDLLDYHKMRYGALDIQRCAVDLSSATRLVLELSHHLLGKKTLRIINQVSEQPVWVSADPQRLEQVLYNLIGNAIKY   640
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1  TSEGKIVISATYIDDKVRVQVVDTGQGIPAEQLEHIFEPLIQAGHDASRYRQGAGLGLSISRQLIELMHGTLYVSSQPMV   720
NTDB id 1143 A1552VC RS01965 WP 001883436.1 TSEGKIVISATYIDDKVRVQVVDTGQGIPAEQLEHIFEPLIQAGHDASRYRQGAGLGLSISRQLIELMHGTLYVSSQPMV   720
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1  GTTFSFTLPLASEEEIAQARLTELPHFQAPEVLDSELPEQSNLPENEHGPLLLVADDEPVNLRVLDSFLRLEGYRVHTAQ   800
NTDB id 1143 A1552VC RS01965 WP 001883436.1 GTTFSFTLPLASEEEIAQARLTELPHFQAPEVLDSELPEQSNLPENEHGPLLLVADDEPVNLRVLDSFLRLEGYRVHTAQ   800
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1  DGHQVLEAIKREKPELVLLDIMMPGMSGYQVCEKLRQTYDHAELPIIMLTALNQSDDRVRGFEAGANDYLSKPFNKQELA   880
NTDB id 1143 A1552VC RS01965 WP 001883436.1 DGHQVLEAIKREKPELVLLDIMMPGMSGYQVCEKLRQTYDHAELPIIMLTALNQSDDRVRGFEAGANDYLSKPFNKQELA   880
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1  ARIVAHLTASKAELRRIENAQLQKELKHRAMVEASLLETQGRLLEQLESAPEAILCVKEGNKVRFANEAAARLFRRTPEQ   960
NTDB id 1143 A1552VC RS01965 WP 001883436.1 ARIVAHLTASKAELRRIENAQLQKELKHRAMVEASLLETQGRLLEQLESAPEAILCVKEGNKVRFANEAAARLFRRTPEQ   960
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

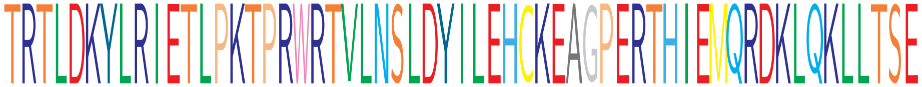
logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1  LKRSNAEELIAPKFLNIEQEHYCGNIDVYVDDVRQHLSADVLRLPQGSGLQAMYIFNVGGSVNAARIHNLETAVEALSSY  1040
NTDB id 1143 A1552VC RS01965 WP 001883436.1 LKRSNAEELIAPKFLNIEQEHYCGNIDVYVDDVRQHLSADVLRLPQGSGLQAMYIFNVGGSVNAARIHNLETAVEALSSY  1040
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

```
NTDB id 76052 EN18 RS00145 WP 001883436.1  AFEGDKDKLQKLKELGGEFTRLADKASGEYQSKQDLMRAVLVEAMTSALNYWERVSGQSKFTFAEQSGLWRVYLDRSTLQ  1120
NTDB id 1143 A1552VC RS01965 WP 001883436.1 AFEGDKDKLQKLKELGGEFTRLADKASGEYQSKQDLMRAVLVEAMTSALNYWERVSGQSKFTFAEQSGLWRVYLDRSTLQ  1120
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo



```
NTDB id 76052 EN18 RS00145 WP 001883436.1   TRTLDKYLRIETLPKTPRWRTVLNSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE  1177
NTDB id 1143 A1552VC RS01965 WP 001883436.1 TRTLDKYLRIETLPKTPRWRTVLNSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE  1177
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X ≥ 50% conserved