

logo

NTDB id 95992 AP033 RS06130 WP 001883436.1
NTDB id 1143 A1552VC RS01965 WP 001883436.1
consensus



80
80

logo

NTDB id 95992 AP033 RS06130 WP 001883436.1
NTDB id 1143 A1552VC RS01965 WP 001883436.1
consensus



160
160

logo

NTDB id 95992 AP033 RS06130 WP 001883436.1
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consensus



240
240

logo

NTDB id 95992 AP033 RS06130 WP 001883436.1
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consensus



320
320

logo

NTDB id 95992 AP033 RS06130 WP 001883436.1
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consensus



400
400

logo

NTDB id 95992 AP033 RS06130 WP 001883436.1
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consensus



480
480

logo

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560
560

logo

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consensus

TLVDDLLDYHKMRYGALDIQRCVDLSSATRLVLELSHLLGKKTLRIINQVSEQPVVWSADPQRLEQVLYNLIGNAIKY
TLVDDLLDYHKMRYGALDIQRCVDLSSATRLVLELSHLLGKKTLRIINQVSEQPVVWSADPQRLEQVLYNLIGNAIKY
!!

640
640

logo

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TSEGKIVISATYIDDKVRVQVDTGGGIPAEQLEHIFEPLIQAGHDASRYRQGAGLGLSISRQLIELMHGTLVSSQPMV
TSEGKIVISATYIDDKVRVQVDTGGGIPAEQLEHIFEPLIQAGHDASRYRQGAGLGLSISRQLIELMHGTLVSSQPMV
TSEGKIVISATYIDDKVRVQVDTGGGIPAEQLEHIFEPLIQAGHDASRYRQGAGLGLSISRQLIELMHGTLVSSQPMV
!!

720
720

logo

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GTTFSFTLPLASEEEIAQARLTELPHFQAPEVLDSELPEQSNLPENEHGPLLLVADDEPVNLRVLDSEFLRLEGYRVHTAQ
GTTFSFTLPLASEEEIAQARLTELPHFQAPEVLDSELPEQSNLPENEHGPLLLVADDEPVNLRVLDSEFLRLEGYRVHTAQ
GTTFSFTLPLASEEEIAQARLTELPHFQAPEVLDSELPEQSNLPENEHGPLLLVADDEPVNLRVLDSEFLRLEGYRVHTAQ
!!

800
800

logo

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DGHQVLEAIKREKPELVLLDIMPPGMSGYQVCEKLRQTYDHAELPIIMLTALNQSDDRVRGFEAGANDYLSKPFNKQELA
DGHQVLEAIKREKPELVLLDIMPPGMSGYQVCEKLRQTYDHAELPIIMLTALNQSDDRVRGFEAGANDYLSKPFNKQELA
DGHQVLEAIKREKPELVLLDIMPPGMSGYQVCEKLRQTYDHAELPIIMLTALNQSDDRVRGFEAGANDYLSKPFNKQELA
!!

880
880

logo

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ARIVAHLTASKAELRRIENAQLQKELKHRAMVEASLLETQGRILLEQLESAPAEILCVKEGNKVRFANEAAARLFRRTPEQ
ARIVAHLTASKAELRRIENAQLQKELKHRAMVEASLLETQGRILLEQLESAPAEILCVKEGNKVRFANEAAARLFRRTPEQ
ARIVAHLTASKAELRRIENAQLQKELKHRAMVEASLLETQGRILLEQLESAPAEILCVKEGNKVRFANEAAARLFRRTPEQ
!!

960
960

logo

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LKRSNAEELIAPKFLNIEQEHCYGNIDVYVDDVRQHLSADVLRLPQGSGLQAMYIFNVGGSVNAARIHNLLETAVEALSSY
LKRSNAEELIAPKFLNIEQEHCYGNIDVYVDDVRQHLSADVLRLPQGSGLQAMYIFNVGGSVNAARIHNLLETAVEALSSY
LKRSNAEELIAPKFLNIEQEHCYGNIDVYVDDVRQHLSADVLRLPQGSGLQAMYIFNVGGSVNAARIHNLLETAVEALSSY
!!

1040
1040

logo

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AFEGDKDKLQKLKELGGFTRLADKASGEYQSKQDLMRAVLVEAMTSALNYWERSVSGSKFTFAEQSGLWRVYLDLDRSTLQ
AFEGDKDKLQKLKELGGFTRLADKASGEYQSKQDLMRAVLVEAMTSALNYWERSVSGSKFTFAEQSGLWRVYLDLDRSTLQ
AFEGDKDKLQKLKELGGFTRLADKASGEYQSKQDLMRAVLVEAMTSALNYWERSVSGSKFTFAEQSGLWRVYLDLDRSTLQ
!!

1120
1120

logo

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consensus



1177
1177

- non conserved
- similar
- $\geq 50\%$ conserved