

logo

NTDB id 48237 H7R41 RS03195 WP 009519764.1  
NTDB id 1046 HON27 RS03130 WP 168726941.1  
consensus



85  
85

logo

NTDB id 48237 H7R41 RS03195 WP 009519764.1  
NTDB id 1046 HON27 RS03130 WP 168726941.1  
consensus



170  
170

logo

NTDB id 48237 H7R41 RS03195 WP 009519764.1  
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consensus



255  
255

logo

NTDB id 48237 H7R41 RS03195 WP 009519764.1  
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consensus



340  
340

logo

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consensus



425  
425

logo

NTDB id 48237 H7R41 RS03195 WP 009519764.1  
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510  
510

logo

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595  
595

logo

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QLV<sup>A</sup>TSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRAGQNSNFQPLPWEAFDAESEVFSEQ<sup>K</sup>EVISEIIDEIPVEL  
QLV<sup>A</sup>TSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRAGQNSNFQPLPVVEAFDAESEVFSEQ<sup>K</sup>EVISEIIDEIPVEL  
QLV<sup>V</sup>TSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRAGQNSNFQPLPVVEAFDAESEVFSEQ<sup>K</sup>EVISEIIDEIPVEL  
!!

679  
680

logo

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EPALAK<sup>E</sup>LETHHDQVFDTAVTELATPVE<sup>M</sup>IT<sup>S</sup>VTSQENEV<sup>A</sup>AN<sup>B</sup>EQDIEAVEQTFLEEATELLEMAESLLKQWFEQRTNRSILLQL  
EPALAK<sup>E</sup>LETHHDQVFDTAVTELATPVE<sup>M</sup>IT<sup>S</sup>VTSQENEV<sup>A</sup>AN<sup>B</sup>EQDIEAVEQTFLEEATELLEMAESLLKQWFEQRTNRSILLQL  
EPALAE<sup>L</sup>ETHHDQVFDTAVTELATPVE<sup>M</sup>IT<sup>T</sup>VTSQENEV<sup>A</sup>AN<sup>B</sup>EQDIEAVEQTFLEEATELLEMAESLLKQWFEQRTNRSILLQL  
!!

764  
765

logo

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QRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFALHHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQI  
QRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFALHHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQI  
QRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFALHHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQI  
!!

849  
850

logo

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PTKLTRADLFSSEPVMTFIQDGT<sup>E</sup>PPPMGAW<sup>E</sup>QTERLDQNNEMIRVSADLIEK<sup>M</sup>IDL<sup>S</sup>GENSINRSRIEMDLSQFSHTLVEME  
PTKLTRADLFSSEPVMTFIQDGT<sup>E</sup>PPPMGAW<sup>E</sup>QTERLDQNNEMIRVSADLIEK<sup>M</sup>IDL<sup>S</sup>GENSINRSRIEMDLSQFSHTLVEME  
PTKLTRADLFSSEPVMTFIQDGT<sup>E</sup>PPPMGAW<sup>E</sup>QTERLDQNNEMIRVSADLIEK<sup>M</sup>IDL<sup>S</sup>GENSINRSRIEMDLSQFSHTLVEME  
!!

934  
935

logo

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LAIQRLADQLRRMEGELETQIIAKHGI<sup>E</sup>HSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRD<sup>T</sup>ESLLLQ<sup>S</sup>SRIQ  
LAIQRLADQLRRMEGELETQIIAKHGI<sup>E</sup>HSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRD<sup>T</sup>ESLLLQ<sup>S</sup>SRIQ  
LAIQRLADQLRRMEGELETQIIAKHGI<sup>E</sup>HSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRD<sup>T</sup>ESLLLQ<sup>S</sup>SRIQ  
!!

1019  
1020

logo

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AEIQEGLMRTRLVPFSRLLPRLQRI<sup>V</sup>RQTSTALNRP<sup>A</sup>E<sup>L</sup>FMNTEGELDRNILERL<sup>V</sup>TPLEHMLRNAIDHGLE<sup>D</sup>RAQRQQANKPE  
AEIQEGLMRTRLVPFSRLLPRLQRI<sup>V</sup>RQTSTALNRP<sup>A</sup>E<sup>L</sup>FMNTEGELDRNILERL<sup>V</sup>TPLEHMLRNAIDHGLE<sup>D</sup>RAQRQQANKPE  
AEIQEGLMRTRLVPFSRLLPRLQRI<sup>V</sup>RQTSTALNRP<sup>A</sup>E<sup>L</sup>FMNTEGELDRNILERL<sup>V</sup>TPLEHMLRNAIDHGLE<sup>D</sup>RAQRQQANKPE  
!!

1104  
1105

logo

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TGRIELNIQRQGT<sup>D</sup>VVVVFSDDGQGI<sup>D</sup>VEKVRQKALLAGLIKPEQDLEQ<sup>D</sup>ILQLIFHPGLSTAEQVTQISGRGVGLD<sup>V</sup>VQSDIK  
TGRIELNIQRQGT<sup>D</sup>VVVVFSDDGQGI<sup>D</sup>VEKVRQKALLAGLIKPEQDLEQ<sup>D</sup>ILQLIFHPGLSTAEQVTQISGRGVGLD<sup>V</sup>VQSDIK  
TGRIELNIQRQGT<sup>D</sup>VVVVFSDDGQGI<sup>D</sup>VEKVRQKALLAGLIKPEQDLEQ<sup>D</sup>ILQLIFHPGLSTAEQVTQISGRGVGLD<sup>V</sup>VQSDIK  
!!

1189  
1190

logo

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1274  
1275

logo

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consensus



1359  
1360

logo

NTDB id 48237 H7R41 RS03195 WP 009519764.1  
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consensus



1444  
1445

logo

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consensus



1505  
1506

- non conserved
- similar
- ≥ 50% conserved