

logo

NTDB id 47228 H7R64 RS10380 WP 182945298.1
NTDB id 1450 BW25113 RS06185 WP 000190854.1
consensus

80
80

logo

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consensus

TERQYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNYYLFRSWTDASSIVDYLIFARKYITEC
TERQYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNYYLFRSWTDASSIVDYLIFARKYITEC
TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNYYLFRSWTDASSIVDYLIFARKYITEC

160
160

logo

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consensus

E E R Y G V D E V E R L L D S C H A L M N Y G V D R Y K R P S K I S L Q E E K A R Q K S R E E Y L Q S Q V N M L W R T L P K R D E E K A V E S A R R Y P S E P Q
E E R Y G V D E V E R L L D S C H A L M N Y G V D R Y K R P Q K I S L Q E E K A R Q K S R E E Y L Q S Q V N M L W R T L P K R E E K T V A E A R R Y P S E P Q
E E R Y G V D E V E R L L D S C H A L M N Y G V D R Y K R P Q K I S L Q E E K A R Q K S R E E Y L Q S Q V N M L W R T L P K R * E E K T V A E A R R Y P S E P Q

240
240

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ENLLYFMEKNAPLLESPWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYITILNHLYDEGKVTERFMLEFLHSHTNWF
ENLLYFMEKNAPLLESPWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYITILNHLYDEGKVTERFMLEFLHSHTNWF
ENLLYFMEKNAPLLESPWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYITILNHLYDEGKVTERFMLEFLHSHTNWF

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320

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QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLTTLHFAMRDFKDESFISQFLSPKYMRDFRLF
QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLTTLHFAMRDFKDESFISQFLSPKYMRDFRLF
QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLTTLHFAMRDFKDESFISQFLSPKYMRDFRLF
*
*

400
400

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TVLDDDRNLYEISAIHNEEGYREIRNQSSQYNLSNLEPNIQYVWVDLRGDRSLTLRYYPHNAPLDKGRKEVLKQVHR
 TVLDDDRNLYEISAIHNEEGYREIRNQSSQYNLSNLEPNIQYVWVDLRGDRSLTLRYYPHNAPLDKGRKEVLKQVHR
 TVLDDDRNLYEISAIHNEEGYREIRNQSSQYNLSNLEPNIQYVWVDLRGDRSLTLRYYPHNAPLDKGRKEVLKQVHR

480
480

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consensus

 non conserved
 similar
 $\geq 50\%$ conserved