

logo

NTDB id 278464 AM480 RS02940 WP 000658906.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
consensus

MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIEFVDLQPLINTWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA
MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIEFVDLQPLINTWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA
MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIEFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA
!!

80
80

logo

NTDB id 278464 AM480 RS02940 WP 000658906.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
consensus

ELAMTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS
ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS
ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS
!!

160
160

logo

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consensus

NTLTMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATHQFLDQELHQYDSYNALIRALHTLR
NTLTAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATHQFLDQELHQYDSYNALIRALHTLR
HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATHQFLDQELHQYDSYNALIRALHTLR
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240
240

logo

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consensus

GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQL EARLQFNQSWDAYVEQ
GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQL EARLQFNQSWDAYVEQ
GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQL EARLQFNQSWDAYVEQ
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320
320

logo

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consensus

HGDRTPPLMPHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMGLHEYTSQLKESYEV
HGDRTPPLMPHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMGLHEYTSQLKESYEV
HGDRTPPLMPHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMGLHEYTSQLKESYEV
!!

400
400

logo

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consensus

LLDKPALLQSDYIFEIYQKAHQQLQLFDALAAGQRVGVVVKQHQSI EELKLYTQYTPDISNDLPQQDSTSFEPISNIEP
LLDKPALLQSDYIFEIYQKAHQQLQLFDALAAGQRVGVVVKQHQSI EELKLYTQYTPDISNDLPQQDSTSFEPISNIEP
LLDKPALLQSDYIFEIYQKAHQQLQLFDALAAGQRVGVVVKQHQSI EELKLYTQYTPDISNDLPQQDSTSFEPISNIEP
!!

480
480

logo

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consensus

EPEWATVENFSDSADWAVLQGSVQQDRQYISSTQVNRNFDADLLDIFLEEAEEELLEGLDITDLNIWVGEQENFAALNNLM
EPEVATVENFSDSVADWAVLQGSVQQDRQYISSTQVNRNFDADLLDIFLEEAEEELLEGLDITDLNIWVGEQENFAALNNLM
EPEVATVENFSDSADWAVLQGSVQQDRQYISSTQVNRNFDADLLDIFLEEAEEELLEGLDITDLNIWVGEQENFAALNNLM
!!

560
560

logo

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consensus

RYLH TLKGGANMVQATYLGLIAHELESYERLIQKQLVATSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA
RYLH TLKGGANMVQATYLGLIAHELESYERLIQKQLVATSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA
RYLH TLKGGANMVQATYLGLIAHELESYERLIQKQLVATSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA
!!

640
640

logo

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consensus

GQNSNFQPLPWDAFDASEYFSEQEVI SEYI DEIPVELEPALAELEAHHQVFD TAVTE LATPVE MITSVTSQEREVA
GQNSNFQPLPVVDAFDASEYFSEQEVI SEYI DEIPVELEPALAELEAHHQVFD TAVTE LATPVE MITSVTSQEREVA
GQNSNFQPLPVVDAFDASEYFSEQEVI SEYI DEIPVELEPALAELEAHHQVFD TAVTE LATPVE MITSVTSQENEVA
!!!!!!!!!!!!!!!!*!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!! *!!!!

720
720

logo

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consensus

AN EQDIEAVVEQTFLEEATELLEMAESLLKQWF EQRTNRSILLQLQRAVHSLKGGARMVGLAVQAIAYQLEN AFEQFAL
AN EQDIEAVVEQTFLEEATELLEMAESLLKQWF EQRTNRSILLQLQRAVHSLKGGARMVGLAVQAIAYQLEN AFEQFAL
AN EQDIEAVVEQTFLEEATELLEMAESLLKQWF EQRTNRSILLQLQRAVHSLKGGARMVGLAVQAIAYQLEN AFEQFAL
!!

800
800

logo

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consensus

HHFNSNIYDHLLESAAI AWLKDAIFNHNYQHFDGLQQSLENIQFFETT IQIPTKLTRADLFSSEPVM TFIQGDGTEPPSM
HHFNSNIYDHLLESAAI AWLKDAIFNHNYQHFDGLQQSLENIQFFETT IQIPTKLTRADLFSSEPVM TFIQGDGTEPPSM
HHFNSNIYDHLLESAAI AWLKDAIFNHNYQHFDGLQQSLENIQFFETT IQIPTKLTRADLFSSEPVM TFIQGDGTEPPM
!!

880
880

logo

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consensus

GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQF SHTLVEMELAIQRLADQLRRMEGELETQIIAKH
GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFNHTLVEMELAIQRLADQLRRMEGELETQIIAKH
GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH
!!

960
960

logo

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consensus

GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRD TESLLLQQSRIQAEIQEGLMRTRLV PFSRLLP
GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRD TESLLLQQSRIQAEIQEGLMRTRLV PFSRLLP
GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRD TESLLLQQSRIQAEIQEGLMRTRLV PFSRLLP
!!

1040
1040

logo

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RLQRIVRQTSTALNRP AELFVNNT EGELDRNILERLVT PLEHMLRNAIDHGLEDRAQRQQANKPETGR IELNIQRQGT DV
RLQRIVRQTSTALNRP AELFVNNT EGELDRNILERLVT PLEHMLRNAIDHGLEDRAQRQQANKPETGR IELNIQRQGT DV
RLQRIVRQTSTALNRP AELFVNNT EGELDRNILERLVT PLEHMLRNAIDHGLEDRAQRQQANKPETGR IELNIQRQGT DV
!!

1120
1120

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consensus



1200
1200

logo

NTDB id 278464 AM480 RS02940 WP 000658906.1
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consensus



1280
1280

logo

NTDB id 278464 AM480 RS02940 WP 000658906.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
consensus



1360
1360

logo

NTDB id 278464 AM480 RS02940 WP 000658906.1
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consensus



1440
1440

logo

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consensus



1506
1506

non conserved
 similar
 ≥ 50% conserved