

logo

NTDB id 275556 CSB68 RS01025 WP 000658884.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
consensus

MKEILKTLTEAMLPEDSYSEQDAEFLEIFIEEIEEIEFVDLQPLINKWQSENIATLTEIRRHFTLKGSGRMIGAKSSA
MKEILKTLTEAMLPEDSYSEQDAEFLEIFIEEIEEIEFVDLQPLINKWQSENIATLTEIRRHFTLKGSGRMIGAKSSA
MKEILKTLTEAMLPEDSYSEQDAEFLEIFIEEIEEIEFVDLQPLINKWQSENIATLTEIRRHFTLKGSGRMIGAKSSA
!!

80
80

logo

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consensus

ELAMTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDFNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS
ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDFNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS
ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDFNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEELLQLS
!!

160
160

logo

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consensus

NTLTAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATHQFLDQELHQYDSYNALIRALHTLR
NTLTAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATHQFLDQELHQYDSYNALIRALHTLR
HTLTAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATHQFLDQELHQYDSYNALIRALHTLR
*!!

240
240

logo

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consensus

GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQL EARLQFNQSWDAYVEQ
GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQL EARLQFNQSWDAYVEQ
GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQL EARLQFNQSWDAYVEQ
!!

320
320

logo

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consensus

HGDRTPPLMPHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV
HGDRTPPLMPHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV
HGDRTPPLMPHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV
!!

400
400

logo

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consensus

LLDKPALLQSDYIFEIYQKAHQQLQLFDALAAGQRVGVVVKQHQSI EELKLYTQYTPDLSNDLQQDSTSFEPISNI EP
LLDKPALLQSDYIFEIYQKAHQQLQLFDALAAGQRVGVVVKQHQSI EELKLYTQYTPDLSNDLQQDSTSFEPISNI EP
LLDKPALLQSDYIFEIYQKAHQQLQLFDALAAGQRVGVVVKQHQSI EELKLYTQYTPDLSNDLQQDSTSFEPISNI EP
!!

480
480

logo

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EPEWATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEEELLEGLDITDLNIWVGEQENFAALNNLM
EPEVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEEELLEGLDITDLNIWVGEQENFAALNNLM
EPEVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEEELLEGLDITDLNIWVGEQENFAALNNLM
!!

560
560

logo

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consensus

RYLH TLKGGANMVQATYLGLIAHELES IYERLIQKQLVATSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA
RYLH TLKGGANMVQATYLGLIAHELES IYERLIQKQLVATSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA
RYLH TLKGGANMVQATYLGLIAHELES IYERLIQKQLVATSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA
!!

640
640

logo

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consensus

GQNSNFQPLVSWVEAFDAESEVFSEQEVI SEI I DEI PVELEPALAKLETHHDQVFD TAVTE LATPVE M I T SVTSQENEVA
GQNSNFQPLVSWVEAFDAESEVFSEQEVI SEI I DEI PVELEPALAKLETHHDQVFD TAVTE LATPVE M I T SVTSQENEVA
GQNSNFQPLVSWVEAFDAESEVFSEQEVI SEI I DEI PVELEPALAKLETHHDQVFD TAVTE LATPVE M I T SVTSQENEVA
!!!!!!!!!!!!!!!!**!!*!*!!!!!!!!!!!!!!!!

720
720

logo

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consensus

AN EQDI EAWVEQTFLEEA TELLEMAESLLKQWFEQRTNRS ILLQLQRAVHSLKGGARMVGL EAVQAIAYQLEN AFEQFAL
AN EQDI EAWVEQTFLEEA TELLEMAESLLKQWFEQRTNRS ILLQLQRAVHSLKGGARMVGL EAVQAIAYQLEN AFEQFAL
AN EQDI EAWVEQTFLEEA TELLEMAESLLKQWFEQRTNRS ILLQLQRAVHSLKGGARMVGL EAVQAIAYQLEN AFEQFAL
!!!!!!!!!!!!!!!!*!!

800
800

logo

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consensus

HHFNSNIYDHLLES AIAWLKDAIFNHNYQHFDGLQQSLENIQFFETT I QIP TKL TRADLFSSEPVM TFIQGDGTEPPPM
HHFNSNIYDHLLES AIAWLKDAIFNHNYQHFDGLQQSLENIQFFETT I QIP TKL TRADLFSSEPVM TFIQGDGTEPPPM
HHFNSNIYDHLLES AIAWLKDAIFNHNYQHFDGLQQSLENIQFFETT I QIP TKL TRADLFSSEPVM TFIQGDGTEPPPM
!!

880
880

logo

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consensus

GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH
GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH
GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH
!!

960
960

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GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRD TESLLLQQSRIQAEIQEGLMRTRLV PFSRLLP
GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRD TESLLLQQSRIQAEIQEGLMRTRLV PFSRLLP
GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRD TESLLLQQSRIQAEIQEGLMRTRLV PFSRLLP
!!

1040
1040

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RLQRIVRQTSTALNRP AELFVNNT EGELDRN I LERLV TPLEHMLRNAIDHGLEDRAQRQQANKPETGR IELNIQRQGT DV
RLQRIVRQTSTALNRP AELFVNNT EGELDRN I LERLV TPLEHMLRNAIDHGLEDRAQRQQANKPETGR IELNIQRQGT DV
RLQRIVRQTSTALNRP AELFVNNT EGELDRN I LERLV TPLEHMLRNAIDHGLEDRAQRQQANKPETGR IELNIQRQGT DV
!!

1120
1120

logo

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consensus



1200
1200

logo

NTDB id 275556 CSB68 RS01025 WP 000658884.1
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consensus



1280
1280

logo

NTDB id 275556 CSB68 RS01025 WP 000658884.1
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consensus



1360
1360

logo

NTDB id 275556 CSB68 RS01025 WP 000658884.1
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consensus



1440
1440

logo

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consensus



1506
1506

non conserved
 similar
 ≥ 50% conserved