

logo

NTDB id 184476 A9E90 RS09325 WP 010947629.1
NTDB id 1263 GC085 RS09730 WP 080450539.1
consensus

MLKSI GIKYQLRITTLIPAFVLVALLFAFFYNGLFGKDLKQHMSRLGEAYIRQLLPAAQYAMLRNDYRTLQGLINASTINP
MLKSI GIKYQLRITTLIPAFVLVALLFAFFYNGLFGKDLKQHMSRLGEAYIRQLLPAAQYAMLRNDYRTLQGLINASTINP
!!

80
80

logo

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consensus

EVKALAFYNADGRLLIAYRGGKHSIHKPFNPPDYTGDIYESKQINPFTINFIAPITIPKFNLYSSTEFKELSTPKIFQADD
EVKALAFYNADGRLLIAYRGGKHSIHKPFNPPDYTGDIYESKQINPFTINFIAPITIPKFNLYSSTEFKELSTPKIFQADD
EVKALAFYNADGRLLIAYRGGKHSIHKPFNPPDYTGDIYESKQINPFTINFIAPITIPKFNLYSSTEFKELSTPKIFQADD
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160
160

logo

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consensus

ILGWLSIDIDTQSLLIKRYQMLIVTIFITLFGLLMGLTIHYFLSKRIYMPIARLRSSMKQILSNEFETEIRVSSPGELGI
ILGWLSIDIDTQSLLIKRYQMLIVTIFITLFGLLMGLTIHYFLSKRIYMPIARLRSSMKQILSNEFETEIRVSSPGELGI
ILGWLSIDIDTQSLLIKRYQMLIVTIFITLFGLLMGLTIHYFLSKRIYMPIARLRSSMKQILSNEFETEIRVSSPGELGI
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240
240

logo

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consensus

IEKGAHLQRQYLNTVRDLNHHIEIATADLQQSLELLEEKNIELSLEKKKTEEKSRQKSEFIANMSHEIRTPMNGVIGFT
IEKGAHLQRQYLNTVRDLNHHIEIATADLQQSLELLEEKNIELSLEKKKTEEKSRQKSEFIANMSHEIRTPMNGVIGFT
IEKGAHLQRQYLNTVRDLNHHIEIATADLQQSLELLEEKNIELSLEKKKTEEKSRQKSEFIANMSHEIRTPMNGVIGFT
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320
320

logo

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consensus

NVLESKLDPLQLDYVKTIKSSAQDLSIINDILDFSKIDAGKLNLDCIPLDIRGCIDEVLSLASPNAHKKGIDLIPITD
NVLESKLDPLQLDYVKTIKSSAQDLSIINDILDFSKIDAGKLNLDCIPLDIRGCIDEVLSLASPNAHKKGIDLIPITD
NVLESKLDPLQLDYVKTIKSSAQDLSIINDILDFSKIDAGKLNLDCIPLDIRGCIDEVLSLASPNAHKKGIDLIPITD
!!

400
400

logo

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INVPKMWLGDPLRIKQIISNLVTNAVKFTDHGYVLIRTKIEQETDKDYTLFAIADTIGIGISPEDQTKLFTAFNQADTSI
INVPKMWLGDPLRIKQIISNLVTNAVKFTDHGYVLIRTKIEQETDKDYTLFAIADTIGIGISPEDQTKLFTAFNQADTSI
INVPKMWLGDPLRIKQIISNLVTNAVKFTDHGYVLIRTKIEQETDKDYTLFAIADTIGIGISPEDQTKLFTAFNQADTSI
!!

480
480

logo

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consensus

TRRYGSSGLGLVICCKLCEEMHGRISLTSEINKGSTFSARIKVEKLVAYEIEKNQTHRFAHLKII CFDDNPLHLEAIGNG
TRRYGSSGLGLVICCKLCEEMHGRISLTSEINKGSTFSARIKVEKLVAYEIEKNQTHRFAHLKII CFDDNPLHLEAIGNG
TRRYGSSGLGLVICCKLCEEMHGRISLTSEINKGSTFSARIKVEKLVAYEIEKNQTHRFAHLKII CFDDNPLHLEAIGNG
!!

560
560

logo

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consensus

LGFWGI EAIRVDSFNKLSR T LTKHKDCKIAFINVNQGGERQAAELIAKHKQIPFVLI SKWPINDFAALGARGFLYKPI SI
LGFWGIEAIRVDSFNKLSR T LTKHKDCKIAFINVNQGGERQAAELIAKHKQIPFVLI SKWPINDFAALGARGFLYKPI SI
!!

640
640

logo

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consensus

QKLQDL IESIANENQTEKNTNQELDTLREQLRFLHPEILIAEDNPVNKMLLTSLLNNNANITTVDDGEMAVTACEDKKFD
QKLQDLIESIANENQTEKNTNQELDTLREQLRFLHPEILIAEDNPVNKMLLTSLLNNNANITTVDDGEMAVTACEDKKFD
QKLQDLIESIANENQTEKNTNQELDTLREQLRFLHPEILIAEDNPVNKMLLTSLLNNNANITTVDDGEMAVTACEDKKFD
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720
720

logo

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consensus

MILLDLHMPKLNGL EAAKMI RQKSLMNKHSPIVLITASSSDLSSIDMKKYGVD FCFQKPID EKQLLIQILRIVDKTKHAA
MILLDLHMPKLNGL EAAKMI RQKSLMNKHSPIVLITASSSDLSSIDMKKYGVD FCFQKPID EKQLLIQILRIVDKTKHAA
MILLDLHMPKLNGL EAAKMI RQKSLMNKHSPIVLITASSSDLSSIDMKKSGVD FCFQKPID EKQLLIQILRIVDKTKHAA
!!

800
800

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consensus

IDWQLCVQKVS GNQALAE EFLAKFIEELYKNREEFI ELMHQKNVKGLADLAHKLHGACCF CGVPILQKRVAQLE RLARRT
IDWQLCVQKVS GNQALAE EFLAKFIEELYKNREEFI ELMHQKNVKGLADLAHKLHGACCF CGVPILQKRVAQLE RLARRT
IDWQLCVQKVS GNQALAE EFLAKFIEELYKNREEFI ELMHQKNVKGLADLAHKLHGACCF CGVPILQKRVAQLE RLARRT
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880
880

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consensus

ANADNL T EAFTDL IQS I DAVI SEYENQYSQ
ANADNL T EAFTDL IQS I DAVI SEYENQYSQ
ANADNL T EAFTDL IQS I DAVI SEYENQYSQ
!!

910
910

⊠ non conserved
⊠ similar
⊠ ≥ 50% conserved