

logo

NTDB id 179885 A1D33 RS16990 WP 039254521.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

MLAELSIKNFAII EELTYSFERGLTVLTGETGACKSIIIDAYSLLVGGSGSEFVRYGETAKAELEGLFLLDSGHPVFEVC
MLAELSIKNFAII EELTYSFERGLTVLTGETGACKSIIIDAYSLLVGGSGSEFVRYGETAKAELEGLFLLDSGHPVFEVC
MLAELSIKNFAII EELTYSFERGLTVLTGETGACKSIIIDAYSLLVGGSGSEFVRYGETAKAELEGLFLLDSGHPVFEVC

80
80

logo

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consensus

R E Q G I D V S D E M I V M R R D I S T S G K S V C R V N G K L V T I A A L R E I G R L L L D I H G Q H D N Q L L M E D E N H L Q L L D R F A G A E V E S A L Q
 A E Q G I D V S D E M I V M R R D I S T S G K S V C R V N G K L V T I A A L R E I G R L L L D I H G Q H D N Q L L M E D E N H L Q L L D R F A G A E V E S A L Q
 R E Q G I D A S D D M I V M R R D I N A G G K S V C R V N G K L V T I A A L R E I G R L L L D I H G Q H D N Q L L M E D D K H L E L L D R F A G A E A E S A L Q
 A E Q G I D V S D E M I V M R R D I S T S G K S V C R V N G K L V T I A A L R E I G R L L L D I H G Q H D N Q L L M E D E N H L Q L L D R F A G A E V E S A L Q

160
160

logo

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consensus

[illegible]

240
240

logo

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consensus

QGGLDWVGMSAQALEDISDINEPLQKMSSESVSSSYLLEDATFQMRNMLDLELDPERLNYFIETRLNEIKQLKRKYGATV
 QGGLDWVGMSAQALEDISDINEPLQKMSSESVSSSYLLEDATFQMRNMLDLELDPERLNYFIETRLNEIKQLKRKYGATV
 QGGLDWVGMSAQALEDISDINEPLQKMSSESVSSSYLLEDATFQMRNMLDLELDPERLNYFIETRLNEIKQLKRKYGATV

320
320

logo

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EDILEY^GSKIEEEEIDQIENRDSHL^QSLKKE^LSVGKDVAVEEAA^NYS^QKIRK^TWAKKL^AEE^HRELKSLY^MEKSTFDTEF^kLV
 EDILEY^ASKIEEEEIDQIENRDSHL^EALKKE^LSVGKDVAVEEAA^NYS^KIRK^AWAKKL^AEA^ITHQELKSLY^MEKSTFDTEF^LV
 EDILEY^ASKIEEEEIDQIENRDSHL^QSLKKE^LSVGKDVAVEEAA^NYS^QIRK^TWAKKL^AEA^ITHRELKSLY^MEKSTFDTEF^KV

400
400

logo

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consensus

RTDSSNS EAPLVNGQPVLTEQG IDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAKSIFSSQQDVTSIFDEVDTGV
 KTDPSAS EAPLVVDGQPVLTKQG IDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAKSIFSSQQDVTSIFDEVDTGV
 RTASRNE EAPLVNGQPVLTEQG IDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAKSIFSSQQDVTSIFDEVDTGV
 * * * * *

480
480

logo

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consensus

SGRVAQAI AEKIHKVS TGSQVLC ITHLPQVAAMADTHLYIAKEFKDGRITTVKPLSKQEKVAEIGRMIA GVEVTDLTKR

 SGRVAQAI AEKIHKVS TGSQVLC ITHLPQVAAMADTHLYIAKEFKDGRITTVKPLSKQEKVAEIGRMIA GVEVTDLTKR

 SGRVAQAI AEKIHKVS TGSQVLC ITHLPQVAAMADTHLYIAKEFKDGRITTVKPLSKQEKVAEIGRMIA GVEVTDLTKR

560
560

logo

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consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

!! !!!!! !!!!!

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved