

logo

NTDB id 282646 C7M20 RS11750 WP 007408359.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D a y S L L V G G R S S E F V R Y G E T K A E L E G L F L L D S G H P V F E V C
MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D a y S L L V G G R S S E F V R Y G E T K A E L E G L F L L D S G H P V F E V C
MLAELS IKNFAI I EELT ySFERGLTVLTGETGAGK S I I I D a y S L L V G G R S S E F V R Y G E A K A E L E G L F L L S G H P V L G V C

80
80

logo

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consensus

R EQGID ASDMI V MRRD I STS GKSVC RVNGKLV TIA A LREIG RLLLD IHGQH DNQL L MED E K H L Q E L L D R F A G A E V E S A L Q
 A EQGID ASDMI V MRRD I STS GKSVC RVNGKLV TIA A LREIG RLLLD IHGQH DNQL L MED E K H L Q E L L D R F A G A E V E S A L Q
 A EQGID 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 S 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 K F A G A E V E S A L K

160
160

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

240
240

logo

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consensus

QGGLDVWGMSAQL^QEDISDINEPL^QKK^MSESVS^SSYLL^SEDATFQMRN^MLD^LLE^FYDPERLN^FY^FETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL^QEDISDINEPL^QKK^KSESVS^SSYLL^SEDATFQMRN^MLD^LLE^FYDPERLN^FY^FETRLNEIKQLKRKYGATV
 QGGLDVWGMSAQL^QEDISDINEPL^QKK^KSESVS^SSYLL^SEDATFQMRN^MLD^LLE^FYDPERLN^FY^FETRLNEIKQLKRKYGATV
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320
320

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400
400

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consensus

RTDSSNS EAPLVNGQPVLTEQ GIDLVKFLISTNTGEPLKPS LSKVASGGELSRVMLAMKSIFSSQQDVTSIIFDEVDTGV
KTDPASAEAPLVNGQPVLTKQGIDLVKFLLSTNTGEPLKP LSKVASGGELSRVMLAMKSIFSSQQDVTSIIFDEVDTGV
* * * * *

480
480

logo

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consensus

SGRVAQAI AEKIHKVS TGSQVLC ITHLPQVAAMADTHLYIAKE F KDGR TTT RV K PLSKQ D KVAE IGRMIAGVEVTDLT KR
SGRVAQAI AEKIHKVS TGSQVLC ITHLPQVAAMADTHLYIAKE L KDGR TTT RV K PLSKQ D KVAE IGRMIAGVEVTDLT KR
SGRVAQAI AEKIHKVS TGSQVLC ITHLPQVAAMADTHLYIAKE L KDGR TTT RV K PLSKQ D KVAE IGRMIAGVEVTDLT KR

560
560

logo

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consensus

HAQELLKQAGQVKTTG

HAQELLKQAGQVKTTG

HAQELLKQADQVKTTG

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

576

576

- X

non conserved
- X

similar
- X

≥ 50% conserved