

logo

NTDB id 283362 C7M29 RS13655 WP 128993138.1
NTDB id 352 BSU 24240 NP 390304.2
consensus

MLAELS|KNFAI|EELTVSFERGLTVLTGETGAGKSI|IDAI|SLLVGGRSSEFVRYGEAKAELEGLFLL|ESGHPVL|bVC
MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIDAI|SLLVGGRSSEFVRYGEAKAELEGLFLL|ESGHPVL|DVC
MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIDAI|SLLVGGRSSEFVRYGEAKAELEGLFLL|ESGHPVL|GVC
!!

80
80

logo

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consensus

AEQGI|DVSDEM|WRRD|ISTSGKSV|CRVNGKLV|T|IASLRE|IGRLL|LD|IHGQHDN|QL|MEDENHL|QL|LDK|FAGAE|VES|ALK
AEQGIDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKDFAGAEVESALK
AEQGIDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKDFAGAEVESALK
!!

160
160

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consensus

TYQEGYQRYV|KLLK|KQLSE|SEQEM|AHR|LDL|IQF|LEE|ESAK|LELNE|DEQLQE|ERQQ|ISN|FEK|IYES|LQ|NAY|NALRSE
TYQEGYQRYVKLLKLLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSE
TYQEGYQRYVKLLKLLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSE
!!

240
240

logo

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QGGLD|WVGM|ASAQ|LED|ISD|INE|PLK|K|SES|VSN|SYLL|EDAT|FQ|MR|ML|DELE|FD|PER|LNY|I|E|TRL|NE|IK|QL|KR|KY|GATV
QGGLDWVGMASAQLEDISDINEPLKMLSESVSNSYLLLEDATFQMRNMLDELEFDPERLNYIEMRLNEIKQLKRKYGATV
QGGLDWVGMASAQLEDISDINEPLKMLSESVSNSYLLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATV
!!

320
320

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ED|ILEYASKI|EEE|DQI|ENRDS|HLQSL|KKE|LDSV|GKDV|AVE|AANV|SQIR|KTW|AKK|LAD|E|IHREL|KSLY|MEK|STFD|TEFKV
EDILEYASKIEEEIDQIENRDSHLQSLKKELDVSGKDVAVEAANVSQIRKTWAKKLAD|E|IHRELKSLYMEKSTFDTEFKV
EDILEYASKIEEEIDQIENRDSHLQSLKKELDVSGKDVAVEAANVSQIRKTWAKKLAD|E|IHRELKSLYMEKSTFDTEFKV
!!

400
400

logo

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RTASR|NEE|APLV|NGQP|VQLTE|QGI|DLV|KFLI|STNT|GEP|LKS|LSKV|ASGG|ELSRV|MLA|IKS|IFSS|QQD|VTSI|IFDE|VDT|GV
RTASRNEEAPLVNGQPVQLTEQGI|DLV|KFLI|STNT|GEP|LKS|LSKV|ASGG|ELSRV|MLA|IKS|IFSS|QQD|VTSI|IFDE|VDT|GV
RTASRNEEAPLVNGQPVQLTEQGI|DLV|KFLI|STNT|GEP|LKS|LSKV|ASGG|ELSRV|MLA|IKS|IFSS|QQD|VTSI|IFDE|VDT|GV
!!

480
480

logo

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consensus

SGRVA|QAIA|EKI|HKVS|IGSQV|LCI|THL|PQVA|AMAD|THLY|IAKEL|KDG|RTT|TRV|KPL|SKQ|EKVAE|IGRM|IAGV|EVD|LTKR
SGRVAQAIAEKIHKVSI|GSQV|LCI|THL|PQVA|AMAD|THLY|IAKEL|KDG|RTT|TRV|KPL|SKQ|EKVAE|IGRM|IAGV|EVD|LTKR
SGRVAQAIAEKIHKVSI|GSQV|LCI|THL|PQVA|AMAD|THLY|IAKEL|KDG|RTT|TRV|KPL|SKQ|EKVAE|IGRM|IAGV|EVD|LTKR
!!

560
560

logo

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consensus

HAKELLKQADQVKTG
HAKELLKQADQVKTG
HAKELLKQADQVKTG
!!!!!!!!!!!!!!!!!!

576

576

non conserved
 similar
 $\geq 50\%$ conserved