

logo

NTDB id 422818 G3T43 RS06955 WP 032597243.1
NTDB id 1227 CJJ81176 RS07050 WP 011812800.1
consensus

MESRMDKIFQAYIDNEISLDEICTKFNITSWDFFKLANFCNLHFVDLDEDNDFIYEGIPFSLLLKFKFLLIKNNDGFM
MESRMDKIFQAYIDNEISLDEICTKFNITSWDFFKLANFCNLHFVDLDEDNDFIYEGIPFSLLLKFKFLLIKNNDGFM
MESRMDKIFQAYIDNEISLDEICTKFNITSWDFFKLANFCNLHFVDLDEDNDFIYEGIPFSLLLKFKFLLIKNNDGFM
!!

80
80

logo

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consensus

IRSKPCSLELLEQVKTFMICEKIDTAIADELKIAKILNQIRQEEIKRLSIKLRLEWQENHKRDDQSCISQIFDFLLHEI
IRSKPCSLELLEQVKTFMICEKIDTAIADELKIAKILNQIRQEEIKRLSIKLRLEWQENHKRDDQSCISQIFDFLLHEI
IRSKPCSLELLEQVKTFMICEKIDTAIADELKIAKILNQIRQEEIKRLSIKLRLEWQENHKRDDQSCISQIFDFLLHEI
!!

160
160

logo

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consensus

LSFHASDIHIEARNDDALIRFRVDGILREFAIFEKDIYEALVFHVKFLACLNLAESRKTQDGSFELDFENERYDFRVSC
LSFHASDIHIEARNDDALIRFRVDGILREFAIFEKDIYEALVFHVKFLACLNLAESRKTQDGSFELDFENERYDFRVSC
LSFHASDIHIEARNDDALIRFRVDGILREFAIFEKDIYEALVFHVKFLACLNLAESRKTQDGSFELDFENERYDFRVSC
!!

240
240

logo

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consensus

PLIYGESVIRILKHDKEILD^HKLNLGDKNL^KILKKILHRPNGMILLTGPTGSGKSTTLYACLNELKSIEKKIISAEDP
PLIYGESVIRILKHDKEILD^HKLNLGDKNL^KILKKILHRPNGMILLTGPTGSGKSTTLYACLNELKSIEKKIISAEDP
PLIYGESVIRILKHDKEILD^HKLNLGDKNL^KILKKILHRPNGMILLTGPTGSGKSTTLYACLNELKSIEKKIISAEDP
!!

320
320

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IYKIPLVQQILLNSKVGVEFNSVLRAILRQDPDIIMIGEIRDEESLDIALKASLTGHLLSTLHTNDALFSTIDRLLD
IYKIPLVQQILLNSKVGVEFNSVLRAILRQDPDIIMIGEIRDEESLDIALKASLTGHLLSTLHTNDALFSTIDRLLD
IYKIPLVQQILLNSKVGVEFNSVLRAILRQDPDIIMIGEIRDEESLDIALKASLTGHLLSTLHTNDALFSTIDRLLD
!!

400
400

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consensus

AKSYLIASALS^VIAQRLVRKLC^PWCKQKSKKH^YIEFEGEFFEPKGCERCHHS^GFFGRELIAE^CLEINEDI^SCAIRENQD
AKSYLIASALS^VIAQRLVRKLC^PWCKQKSKKH^YIEFEGEFFEPKGCERCHHS^GFFGRELIAE^CLEINEDI^SCAIRENQD
AKSYLIASALS^VIAQRLVRKLC^PWCKQKSKKH^YIEFEGEFFEPKGCERCHHS^GFFGRELIAE^CLEINEDI^SCAIRENQD
!!

480
480

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consensus

KTILMELAKKYGFQTMFEQGLKKAKEGLTSD^ELLR^VVR
KTILMELAKKYGFQTMFEQGLKKAKEGLTSD^ELLR^VVR
KTILMELAKKYGFQTMFEQGLKKAKEGLTSD^ELLR^VVR
!!

519
519

 non conserved
 similar
 $\geq 50\%$ conserved