

logo

NTDB id 222581 A6J46 RS07885 WP 003691195.1
NTDB id 1134 OK783 RS03985 WP 010358120.1
consensus

MELQTDEFAQAAAAAAIRFLERYAGSGNEVLNCTERLFQALQNGHSFIRLSGDEADALSALAPWGTSAAPLILEGRRL
MELQTDEFAQAAAAAAIRFLERYAGSGNEVLNCTERLFQALQNGHSFIRLSGDEADALSALAPVVGTSAAPLILEGRRL
MELQTDEFAQAAAAAAIRFLERYAGSGNEVLNCTERLFQALQNGHSFIRLSGDEADALSALAPVVGTSAAPLILEGRRL
!!

80
80

logo

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consensus

FLGRMQLEYDLAAEIKRLAAAGTSAPDAAGARQNLAKWFGAGSEGQRDAAALALLQFFMVTGGPGTGKTTTVAKLLA
FLGRMQLEYDLAAEIKRLAAAGTSAPDAAGARQNLAKWFGAGSEGQRDAAALALLQFFMVTGGPGTGKTTTVAKLLA
FLGRMQLEYDLAAEIKRLAAAGTSAPDAAGARQNLAKWFGAGSEGQRDAAALALLQFFMVTGGPGTGKTTTVAKLLA
!!

160
160

logo

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consensus

LICGENENLPHIALAAPTGKAAAHMARALHRSINGFDAPEAVRRHLLKLEGGTVHRLKLSPPKMQAAFDDHIRPLPFDVL
LICGENENLPHIALAAPTGKAAAHMARALHRSINGFDAPEAVRRHLLKLEGGTVHRLKLSPPKMQAAFDDHIRPLPFDVL
LICGENENLPHIALAAPTGKAAAHMARALHRSINGFDAPEAVRRHLLKLEGGTVHRLKLSPPKMQAAFDDHIRPLPFDVL
!!

240
240

logo

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consensus

IVDEASMLDTALMLQLLKAVKTGARVILLGDENQLPSVGI GAVLSVLSQKTVLDGETHQRLAGFLPEHGFSVSANPPVLA
IVDEASMLDTALMLQLLKAVKTGARVILLGDENQLPSVGI GAVLSVLSQKTVLDGETHQRLAGFLPEHGFSVSANPPVLA
IVDEASMLDTALMLQLLKAVKTGARVILLGDENQLPSVGI GAVLSVLSQKTVLDGETHQRLAGFLPEHGFSVSANPPVLA
!!

320
320

logo

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consensus

QNTAHLFSHFRFGDMSGIGCLARAASVSGDEGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNI EAAYAGI
QNTAHLFSHFRFGDMSGIGCLARAASVSGDEGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNI EAAYAGI
QNTAHLFSHFRFGDMSGIGCLARAASVSGDEGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNI EAAYAGI
!!

400
400

logo

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consensus

SDIWLAAWRQDAEDFNEAYCSYVRRKMNIPEHLAYFAGEPIMIRQNDYALELFNGDIGLIMEDVGRQGS LAAYFADADG
SDIWLAAWRQDAEDFNEAYCSYVRRKMNIPEHLAYFAGEPIMIRQNDYALELFNGDIGLIMEDVGRQGS LAAYFADADG
SDIWLAAWRQDAEDFNEAYCSYVRRKMNIPEHLAYFAGEPIMIRQNDYALELFNGDIGLIMEDVGRQGS LAAYFADADG
!!

480
480

logo

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consensus

FKKVAVSCLPEFEPAFAMTVHKSQSEYREVWLLPPSDAPSDEGDDALSGLSKELLYTAITRAREKFVFFGGKKTFCQAV
FKKVAVSCLPEFEPAFAMTVHKSQSEYREVWLLPPSDAPSDEGDDALSGLSKELLYTAITRAREKFVFFGGKKTFCQAV
FKKVAVSCLPEFEPAFAMTVHKSQSEYREVWLLPPSDAPSDEGDDALSGLSKELLYTAITRAREKFVFFGGKKTFCQAV
!!

560
560

logo

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consensus



581
581

- non conserved
- similar
- $\geq 50\%$ conserved