

logo

NTDB id 93333 DE8555 RS05945 WP 063399709.1
NTDB id 1134 OK783 RS03985 WP 010358120.1
consensus

MERQTDEFAQAAAAAAIWFLEARYAGSGSEVLANCTERLFQALQNGHSFIRLSGDEADALSALAPVVGTSAAPLILEGRRL
MERQTDEFAQAAAAAAIWFLEARYAGSGSEVLANCTERLFQALQNGHSFIRLSGDEADALSALAPVVGTSAAPLILEGRRL
MELQTDEFAQAAAAAAIRFLERYAGSGNEVLANCTERLFQALQNGHSFIRLSGDEADALSALAPVVGTSAAPLILEGRRL
!!

80
80

logo

NTDB id 93333 DE8555 RS05945 WP 063399709.1
NTDB id 1134 OK783 RS03985 WP 010358120.1
consensus

FLGRMQLEYDLAAEIKRLAAAGTSAPDAAGARQNLAKWFQGTGSEGQRDAAALALLQSFVMITGGPGTGKTTTVAKLLA
FLGRMQLEYDLAAEIKRLAAADTSAPDAAGARQNLAKWFQGTGSEGQRDAAALALLQSFVMITGGPGTGKTTTVAKLLA
FLGRMQLEYDLAAEIKRLAAAGTSAPDAAGARQNLAKWFQGTGSEGQRDAAALALLQSFVMITGGPGTGKTTTVAKLLA
!!

160
160

logo

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consensus

LICGEDENLPHIALAAPTGKAAAHMARALHRSINGFDEPEAVRRHLLKLEGGTVHRLKLSPPKMQAAFDHIRPLPLFDVL
LICGEDENLPHIALAAPTGKAAAHMARALHRSINGFDEPEAVRRHLLKLEGGTVHRLKLSPPKMQAAFDHIRPLPLFDVL
LICGENENLPHIALAAPTGKAAAHMARALHRSINGFDEPEAVRRHLLKLEGGTVHRLKLSPPKMQAAFDHIRPLPLFDVL
!!

240
240

logo

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consensus

YIDEASMLDTALMLQLLKAVKTGARVILLGDENQLPSVGI GAVLSVLSHKTVDGETHQRLAGFLPEHGFSVSANPPVLA
VIDEASMLDTALMLQLLKAVKTGARVILLGDENQLPSVGI GAVLSVLSHKTVDGETHQRLAGFLPEHGFSVSANPPVLA
IVDEASMLDTALMLQLLKAVKTGARVILLGDENQLPSVGI GAVLSVLSHKTVDGETHQRLAGFLPEHGFSVSANPPVLA
**!!

320
320

logo

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consensus

QNTAHLFSHFRFGDMSGIGCLARAASVSGDEGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNI EAAYAGI
QNTTHLFSHFRFGDMSGIGCLARAASVSGDEGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNI EAAYAGI
QNTAHLFSHFRFGDMSGIGCLARAASVSGDEGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNI EAAYAGI
!!

400
400

logo

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consensus

SDIWLAAWRQDAEDFNEAYCSHVRRKMNIPHEQLAYFAGEPIMIRQNDYALELFNGDIGLIMEDVGRQGS LAAYFADADG
SDIVVLAAWRQDAEDFNEAYCSHVRRKMNIPHEQLAYFAGEPIMIRQNDYALELFNGDIGLIMEDVGRQGS LAAYFADADG
SDIVVLAAWRQDAEDFNEAYCSYVRRKMNIPHEQLAYFAGEPIMIRQNDYALELFNGDIGLIMEDVGRQGS LAAYFADADG
!!

480
480

logo

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consensus

FKKVAVSCLPDEFPAMTVHKSQSEYREVWLLPPSDAPSDEGDDALSGLSRGELLYTAITRAREKVFVFGGKKEEFTFRQAA
FKKVAVSCLPDEFPAMTVHKSQSEYREVWLLPPSDAPSDEGDDALSGLSRGELLYTAITRAREKVFVFGGKKEEFTFRQAA
FKKVAVSCLPEFPAMTVHKSQSEYREVWLLPPSDAPSDEGDDALSGLSKELLYTAITRAREKVFVFGGKKEEFTFRQAV
!!

560
560

logo

NTDB id 93333 DE8555 RS05945 WP 063399709.1
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consensus



581
581

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