

logo

NTDB id 58558 NGJ59 RS13575 WP 032619532.1
NTDB id 1450 BW25113 RS06185 WP 000190854.1
consensus

MATLDSMSRSDSTRLSDDGPDWTFELLDVYLAEIDRVAKLYRLDTPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE
 MATLDSMSRSDSTRLSDDGPDWTFELLDVYLAEIDRVAKLYRLDTPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE
 MATIDSMNKDSTRLSDDGPDWTFELLDVYLAEIDRVAKLYRLDTPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE
 * * * * *

80
80

logo

NTDB id 58558 NGJ59 RS13575 WP 032619532.1
NTDB id 1450 BW25113 RS06185 WP 000190854.1
consensus

TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNYYLFRSWTDASSIVDYLIFARKYIT**EC**
 TERLYKHGQQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNYYLFRSWTDASSIVDYLIFARKYIT**DC**
 TERLYKHGQQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNYYLFRSWTDASSIVDYLIFARKYIT**EC**

160
160

logo

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consensus

EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLSQVNMMLWRTLPKREEEKTVAEARRYPSEPQ
EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLSQVNMMLWRTLPKREEEKTVAEARRYPSEPQ
EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLSQVNMMLWRTLPKREEEKTVAEARRYPSEPQ
*

240
240

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consensus

ENLLYFMEKNAPLLESPWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLHYDEGKVTERFMEFLHSHTNVVF
ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLHYDEGKVTERFMLEFLHSHTNVVF

320
320

logo

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consensus

QP_AYN₁SPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPD₁AGSDWLET₁LHFAMRDFKDESFISQF₁MSPK₁IMRDRFRF₁
 QP₂AYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPD₂AGSDWLET₂LHFAMRDFKDESFISQF₂MSPK₂IMRDRFRF₂
 QP₃YN₃SPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPD₃AGSDWLET₃LHFAMRDFKDESFISQF₃LSPK₃VMRDRFRF₃
 * * * * *

400
400

logo

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consensus

TVLDDDRNYLEISAIHNEEGYREIRSRLLSSQYNLSNLEPNIQYVWVDLRGDRSLTLRYIPHNRAPLDKGRKEVLKQVHR
 TVLDDDRNYLEISAIHNEEGYREIRSRLLSSQYNLSNLEPNIQYVWVDLRGDRSLTLRYIPHNRAPLDKGRKEVLKQVHR
 TVLDDDRNYLEISAIHNEEGYREIRSRLLSSQYNLSNLEPNIQYVWVDLRGDRSLTLRYIPHNRAPLDKGRKEVLKQVHR

480
480

logo

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consensus

510
510

 non conserved
 similar
 $\geq 50\%$ conserved