

logo

NTDB id 988211 AAEU35 RS11585 WP 010906048.1
NTDB id 607 V4T04 RS01905 WP 010906048.1
consensus

MKKLFTFNKKK~~ETVEESSAKRS~~IMLRWAFANTVFCFITFTLFATLTYQLTISSFIKEEQQLLTRSMDSV~~EEVLEKADAPL~~
MKKLFTFNKKK~~ETVEESSAKRS~~SIMLRWAFANTVFCFITFTLFATLTYQLTISSFIKEEQQLLTRSMDSV~~EEVLEKADAPL~~
!!

80
80

logo

NTDB id 988211 AAEU35 RS11585 WP 010906048.1
NTDB id 607 V4T04 RS01905 WP 010906048.1
consensus

NSSNLNTYIEATSKIQNGESE~~QMSLGS~~IIGTRKAFYIYDLN~~NHKL~~LYSTNRHTFGFQ~~NQANNEMKEIRGENPGYLVQRKII~~
NSSNLNTYIEATSKIQNGESE~~QMSLGS~~SIIIGTRKAFYIYDLN~~NHKL~~LYSTNRHTFGFQ~~NQANNEMKEIRGENPGYLVQRKII~~
NSSNLNTYIEATSKIQNGESE~~QMSLGS~~SIIIGTRKAFYIYDLN~~NHKL~~LYSTNRHTFGFQ~~NQANNEMKEIRGENPGYLVQRKII~~
!!

160
160

logo

NTDB id 988211 AAEU35 RS11585 WP 010906048.1
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consensus

SKSTGQWGYLQAFYD~~TTTYHR~~SNLLLIVLLILEIVALVAQLIGYF~~MANYFMKPLEKLYQGMQEMANDPTNDFEPIEI~~
SKSTGQVVG~~Y~~LQAFYD~~TTTYHR~~SNLLLIVLLILEIVALVAQLIGYF~~MANYFMKPLEKLYQGMQEMANDPTNDFEPIEI~~
SKSTGQVVG~~Y~~LQAFYD~~TTTYHR~~SNLLLIVLLILEIVALVAQLIGYF~~MANYFMKPLEKLYQGMQEMANDPTNDFEPIEI~~
!!

240
240

logo

NTDB id 988211 AAEU35 RS11585 WP 010906048.1
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consensus

QSGDEIEELAHVYND~~MMLKMKAYLEQQNRFVSDVSHELRTPLAVLDGHINLLNRWGKNDPEVLDESILQASLDEVDRM~~M~~~~
QSGDEIEELAHVYND~~MMLKMKAYLEQQNRFVSDVSHELRTPLAVLDGHINLLNRWGKNDPEVLDESILQASLDEVDRM~~M~~~~
QSGDEIEELAHVYND~~MMLKMKAYLEQQNRFVSDVSHELRTPLAVLDGHINLLNRWGKNDPEVLDESILQASLDEVDRM~~M~~~~
!!

320
320

logo

NTDB id 988211 AAEU35 RS11585 WP 010906048.1
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consensus

LEEMLALARLE~~NDLSSEELDCDVGKVCNRALKNFQLLHDDFEIVLDNRLIYP~~THARISENHFEQGLRILL~~DNAAKSPD~~
LEEMLALARLE~~NDLSSEELDCDVGKVCNRALKNFQLLHDDFEIVLDNRLIYP~~THARISENHFEQGLRILL~~DNAAKSPD~~
LEEMLALARLE~~NDLSSEELDCDVGKVCNRALKNFQLLHDDFEIVLDNRLIYP~~THARISENHFEQGLRILL~~DNAAKSPD~~
!!

400
400

logo

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consensus

DRKEIVITVSEDE~~QFVITSVSDK~~GIGISEEDINHLFERFFRADKARNREIGGTGLGLSILARLAENYQGEIEVNSELGLG
DRKEIVITVSEDE~~QFVITSVSDK~~GIGISEEDINHLFERFFRADKARNREIGGTGLGLSILARLAENYQGEIEVNSELGLG
DRKEIVITVSEDE~~QFVITSVSDK~~GIGISEEDINHLFERFFRADKARNREIGGTGLGLSILARLAENYQGEIEVNSELGLG
!!

480
480

logo

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consensus

STFTLKFPKIK
STFTLKFPKIK
STFTLKFPKIK
!!!!!!!!!!!!!!

491
491

 non conserved
 similar
 $\geq 50\%$ conserved