

logo

NTDB id 281810 LL14B4 RS08360 WP 010906048.1
NTDB id 607 V4T04 RS01905 WP 010906048.1
consensus

MKKLFTFNKKKETVEESSAKRSIMLRWAFANTVFCFITFTLFATLTYQLTISSFIKEEQQLLTRSMDSVEEVLEKADAPL
MKKLFTFNKKKETVEESSAKRSIMLRWAFANTVFCFITFTLFATLTYQLTISSFIKEEQQLLTRSMDSVEEVLEKADAPL
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

80
80

logo

NTDB id 281810 LL14B4 RS08360 WP 010906048.1
NTDB id 607 V4T04 RS01905 WP 010906048.1
consensus

NSSNLNTYIEATSKIQNGESEGMSLGSIIIGTRKAFYIYDLNHHKLLYSTNRHTFGFQNNEMKEIRGENPGYLVQRKII
NSSNLNTYIEATSKIQNGESEGMSLGSIIIGTRKAFYIYDLNHHKLLYSTNRHTFGFQNNEMKEIRGENPGYLVQRKII
NSSNLNTYIEATSKIQNGESEGMSLGSIIIGTRKAFYIYDLNHHKLLYSTNRHTFGFQNNEMKEIRGENPGYLVQRKII
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

160
160

logo

NTDB id 281810 LL14B4 RS08360 WP 010906048.1
NTDB id 607 V4T04 RS01905 WP 010906048.1
consensus

SKSTGQWGYLQAFYDITTYHRISNLLLIVLLILEIVALIVAQLIGYFMANYFMKPLEKLYQGMQEMANDPTNDFEPIEI
SKSTGQWGYLQAFYDITTYHRISNLLLIVLLILEIVALIVAQLIGYFMANYFMKPLEKLYQGMQEMANDPTNDFEPIEI
SKSTGQVVGYYLQAFYDITTYHRISNLLLIVLLILEIVALIVAQLIGYFMANYFMKPLEKLYQGMQEMANDPTNDFEPIEI
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

240
240

logo

NTDB id 281810 LL14B4 RS08360 WP 010906048.1
NTDB id 607 V4T04 RS01905 WP 010906048.1
consensus

QSGDEIEELAHVYNDMMLKMKAYLEQQNRFVSDVSHELRTPLAVLDGHNLLNRWGKNDPEVLDESILQASLDEVDRMCKM
QSGDEIEELAHVYNDMMLKMKAYLEQQNRFVSDVSHELRTPLAVLDGHNLLNRWGKNDPEVLDESILQASLDEVDRMCKM
QSGDEIEELAHVYNDMMLKMKAYLEQQNRFVSDVSHELRTPLAVLDGHNLLNRWGKNDPEVLDESILQASLDEVDRMCKM
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

320
320

logo

NTDB id 281810 LL14B4 RS08360 WP 010906048.1
NTDB id 607 V4T04 RS01905 WP 010906048.1
consensus

LEEMLALARLENDLSSEELDCDVGKVCNRALKNFQLLHDDFEIVLDNRLIYPHARISENHFEQGLRILLDNAKYSPD
LEEMLALARLENDLSSEELDCDVGKVCNRALKNFQLLHDDFEIVLDNRLIYPHARISENHFEQGLRILLDNAKYSPD
LEEMLALARLENDLSSEELDCDVGKVCNRALKNFQLLHDDFEIVLDNRLIYPHARISENHFEQGLRILLDNAKYSPD
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

400
400

logo

NTDB id 281810 LL14B4 RS08360 WP 010906048.1
NTDB id 607 V4T04 RS01905 WP 010906048.1
consensus

DRKEIVITVSEDEQFVITSVSDKIGIGISEEDINHLFERFFRADKARNREIGGTGLGLSILARLAENYQGEIEVNSELGLG
DRKEIVITVSEDEQFVITSVSDKIGIGISEEDINHLFERFFRADKARNREIGGTGLGLSILARLAENYQGEIEVNSELGLG
DRKEIVITVSEDEQFVITSVSDKIGIGISEEDINHLFERFFRADKARNREIGGTGLGLSILARLAENYQGEIEVNSELGLG
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

480
480

logo

NTDB id 281810 LL14B4 RS08360 WP 010906048.1
NTDB id 607 V4T04 RS01905 WP 010906048.1
consensus

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

491
491

 non conserved
 similar
 $\geq 50\%$ conserved