

	1	10	20	30	40
NP_462949.1	... .	MOVDKTSTFPLVKOLF	FTTCQQTQNSLPISQ	LPSTQKE	TARS
WP_011278659.1	... MTSI	IKIDLESKTPIYKQIADQ	ITIELIAKSELKPD	KLPSTIRE	ELASML
NP_250790.1	... MPVKAN	IDPEGPKLYKRLAQG	IEESIIRNGLRQGV	KLPSTPHRIL	ADKLL
WP_003948919.1	... MQLLLD	LDSEVPIYQOIRDR	VVESVADCTLGP	GLSTPCAS	LPSTRCAVDL
WP_003950795.1	... MLLHID	PGSPVPLGDQVAAA	ARAAIASGGFAD	CDRLPAA	RTLADSL
WP_008406338.1	... MVVFR	IDRRSGVATYLCQIV	HQVEQALRMGAL	RLRCDQLP	TAAQVSSST
WP_003949076.1	... MIAAYR	IDRRSGVATYLCQIV	QQTQALRLGLLE	PCDKLP	TARVVEAT
WP_003949208.1	... MITTYQ	ERRSGVATYMCQIV	LTQTKQALRLGL	LVPCDKLP	TAKVVEAT
NP_215668.1	... MELRDW	LRVDVKACKPLFD	QLRTQVIDGVRA	GLPDCGLP	GTVRDLAQGL
WP_010636767.1	MTADD	HEIDPRDETAPYE	QVRRARLSEL	ARSGALPV	GHRLP

	50	60	70	80	90
NP_462949.1	NVSLIVVKQAW	SEINAGTISS	QRGS	GSVV	CSVPEGVS
WP_011278659.1	GVNMLTVN	KAYNYVD	EGFIVVQRR	..YVVKSEVR	DES..WRNMLRVII
NP_250790.1	GVTAGTVS	RAYGE	ERMGLVEA	RVGD	GTFVRRNRGRERAREAGWVEVP
WP_003948919.1	AINFHTVN	KAYDLRRE	GIIRINRKS	GAVIHPDVGRATPELRWRPRL	LRVL
WP_003950795.1	GVNVHTVL	RGYQRRDE	GLIELRRGR	GAVVARTD	TVGSRAA.LLP
WP_008406338.1	KVNPNTTL	KAYRAES	AGLAEV	RQGA	GTFVTRSLAPAGGGPGLRQGLDAWL
WP_003949076.1	AVNPNTVL	KAYREPERE	GLVEARRGL	GTFVRRRL	LGPADTGP
WP_003949208.1	AINPHTVL	KAYREPERE	GLVELQPGR	GTFVRRGL	GSTDAAASQLREELTAWL
NP_215668.1	GVAANTV	ARAYREPERE	SAAIVET	TRGRF	GTFISRFDP
WP_010636767.1	GIAANT	AAKAYRAE	ADGVIE	TRGRN	GTFVAAAGEAADKEAA..AAA

	100	110	120	130	140
NP_462949.1	SLVSLLNVTSD	SAT	EKVEAT	LPSFQAGKDS	PFYCRYVVLSEYFGEIHYH
WP_011278659.1	YRALASNM	SKD	ETVNEINR	VVSEVNSK	.....
NP_250790.1	ATIEIOGM	RGQHLVTTAE	AFSTAALL	REGPQEM	LTMR
WP_003948919.1	AEAVVR	GVPEAEVA	AYVRSALD	GFALGRADQ	EKDDGD
WP_003950795.1	AEARSH	GLDEQEIL	ALVRETLAE	..PA	.....
WP_008406338.1	AEARAA	GLSGPEIR	ALFEQAY	AAAAHPE	ARG
WP_003949076.1	ARARKA	GLGRE	DVAALCTAV	LDSTYPE	GEDR
WP_003949208.1	RKAEAA	GLDAD	DAALFDAC	RAEVYATAD	SPSQAGP
NP_215668.1	GVARAL	GLTKSD	AMRYLTHV	PDD	.....
WP_010636767.1	QRRRL	GLDAES	ARTAVEE	ALRAAYR	TR