

NTDB id	624	LCA RS00040 WP 011373726.1	MINRVVLVGRLLRDVLDLYRTSSGAAVGTF	SMAVNRRQFTNA	NGDREADF	INCVIWRKSAENFANFK	KGSLVGVDGRLQTRNYENQ	85
NTDB id	113	BSU 40900 NP 391970.1	MLNRVVVLVGRLLTKDPFLRYTPNGAAVATFTL	AVNRRFTTN	SGGEREADF	INCVTWRRQAENVANFLK	KGSLAGVDGRLQTRNYENQ	85
NTDB id	597	KW2 RS01935 WP 021036727.1	.MKNKTMLIGRLTNAPEISKTTNNKSYYVRV	TNAVNRRFKNEK	GEREADFI	STILWGKSAETLVSYAK	KGSLISVDEGEITRTRNYTDK	84
NTDB id	498	SM12261 RS01980 WP 000282464.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATI	AVNRRYKD	QNGEREADFVM	VWLWGKLAEASLASAYAT	KGSLISVDGELRTRRFE.K	84
NTDB id	526	SMSK321 RS08825 WP 000282440.1	MYNKVILIGRLSTSPELHKTNNDKSVARATI	AVNRRYKD	QNGEREADFVM	VWLWGRLAETLASAYAT	KGSLISVDGELRTRRFE.K	84
NTDB id	158	SP RS09595 WP 000282442.1	MYNKVILIGRLSTSPELHKTNNDKSVARATI	AVNRRYKD	QNGEREADFVM	VWLWGRLAETLASAYAT	KGSLISVDGELRTRRFE.K	84
NTDB id	268	KZH43 RS08520 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATI	AVNRRYKD	QNGEREADFVM	VWLWGRLAETLASAYAT	KGSLISVDGELRTRRFE.K	84
NTDB id	227	SPD RS09110 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATI	AVNRRYKD	QNGEREADFVM	VWLWGRLAETLASAYAT	KGSLISVDGELRTRRFE.K	84
NTDB id	193	SPR RS08685 WP 000282467.1	MYNKVIMIGRLTSTPELHKTNNDKSVARATI	AVNRRYKD	QNGEREADFVM	VWLWGRLAETLASAYAT	KGSLISVDGELRTRRFE.K	84
NTDB id	583	DLJ51 RS09560 WP 002962590.1	MYNKVILIGRLTAAPMVVKTPSNKSVTHIT	LAVNRRFKT	QDGERQADFVM	VFWCKLAESLSVSAC	KGSLVSDGEITRTRHYE.K	84
NTDB id	178240	NX99 RS07670 WP 002885697.1	MYNKVILIGRLTATPEMVKTASDRSFTRVT	AVNRRYKT	QNGEREADF	ITVWWGRLAETLASAYS	KGSLISLDGELRTRKYD.K	84
NTDB id	409	SMU RS08940 WP 002263454.1	MYNKVILIGRLVATPEMVKTPKDKSVTRVT	LAVNRRFKS	QDGEKKADFVM	VWLWGRLAETIASYGS	KGSLISLDGELRTRKYE.K	84
consensus			*****!!*	****	*****	*!!!!*	*****	

NTDB id	624	LCA RS00040 WP 011373726.1	QGGRVYVTEVVVDNFSLLSRTTTEQRQGSGASQNFNSNQSNQSQ.....QSGFTSPQQTGNAPAAANTQADPFAN	GQAID I	163
NTDB id	113	BSU 40900 NP 391970.1	QGGRVFVTEVQAESVQGFLEPKNGGSGS....GGYNEGNSGGGQYFGGGQNNDNPFGGNQNNQRRNQGSNFNDDPFAN	DGKPI D I	165
NTDB id	597	KW2 RS01935 WP 021036727.1	NEEQKHYTEILGLSYD LLESRA TLALRESAV.....	KTEEL LL	122
NTDB id	498	SM12261 RS01980 WP 000282464.1	NGQMNYVTEVLVTG FQLLESRA QRAMRENNAGQ.....	DLADLVL	124
NTDB id	526	SMSK321 RS08825 WP 000282440.1	NGQMNYVAEVLVTG FQLLESRA QRAMRENNAGQ.....	DLADLVL	124
NTDB id	158	SP RS09595 WP 000282442.1	NGQMNYVTEVLVTG FQLLESRA QRAMRENNAGQ.....	DLADLVL	124
NTDB id	268	KZH43 RS08520 WP 000282467.1	NGQMNYVTEVLVTG FQLLESRA QRAMRENNAGQ.....	DLADLVL	124
NTDB id	227	SPD RS09110 WP 000282467.1	NGQMNYVTEVLVTG FQLLESRA QRAMRENNAGQ.....	DLADLVL	124
NTDB id	193	SPR RS08685 WP 000282467.1	NGQMNYVTEVLVTG FQLLESRA QRAMRENNAGQ.....	DLADLVL	124
NTDB id	583	DLJ51 RS09560 WP 002962590.1	DGQTHYVTEILAQS FQLLESRA QRALRENNGAS.....	DLTDLVL	124
NTDB id	178240	NX99 RS07670 WP 002885697.1	DGQTHYVTEVLCSS FQLLESRA QRAVRENNPDN.....	DLADLVL	124
NTDB id	409	SMU RS08940 WP 002263454.1	DGVTHFVTEVLGHS FQLLESRA QRAMRENNSEN.....	DLADLVL	124
consensus			***** ! *****	*****	

NTDB id 624	LCA RS00040 WP 011373726.1	S	DDDLPF	170
NTDB id 113	BSU 40900 NP 391970.1	S	DDDLPF	172
NTDB id 597	KW2 RS01935 WP 021036727.1	E	ADLDPF	129
NTDB id 498	SM12261 RS01980 WP 000282464.1	E	EEELPF	131
NTDB id 526	SMSK321 RS08825 WP 000282440.1	E	EEELPF	131
NTDB id 158	SP RS09595 WP 000282442.1	E	EEELPF	131
NTDB id 268	KZH43 RS08520 WP 000282467.1	E	EEELPF	131
NTDB id 227	SPD RS09110 WP 000282467.1	E	EEELPF	131
NTDB id 193	SPR RS08685 WP 000282467.1	E	EEELPF	131
NTDB id 583	DLJ51 RS09560 WP 002962590.1	E	EEELPF	131
NTDB id 178240	NX99 RS07670 WP 002885697.1	EE	.ELPF	130
NTDB id 409	SMU RS08940 WP 002263454.1	E	EEELPF	131
consensus		*****	!!!!	

- X non conserved
- X similar
- X >50% conserved