

logo



NTDB id 600	KW2	RS01765	WP 011675413.1	KIGQGAETKAKNYLKEHQDVFDEIDHKVRAAHGLDDSEVAETEETTASKTAK.AKKEEK.AVETEEIELELE.D...	387
NTDB id 269	KZH43	RS08665	WP 001085462.1	KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTENKKDE....PKKEEA...VNEEVPLDLG.DELEI	384
NTDB id 228	SPD	RS09265	WP 001085462.1	KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTENKKDE....PKKEEA...VNEEVPLDLG.DELEI	384
NTDB id 194	SPR	RS08825	WP 001085462.1	KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTENKKDE....PKKEEA...VNEEVPLDLG.DELEI	384
NTDB id 159	SP	RS09750	WP 001085462.1	KIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTENKKDE....PKKEEA...VNEEVPLDLG.DELEI	384
NTDB id 499	SM12261	RS08315	WP 078228268.1	KIGQGSSENAKKYLADNPEIFDEIDHQVVRVQFGLIDGEEIAES...KKDE....AAQVDS...VNEEVTLDLG.DELEI	380
NTDB id 527	SMSK321	RS11065	WP 001085454.1	KIGQGSSENAKKYLADNPEVFAEIDHQVVRVQFGLIDGEEAAES...KKDE....VAQVDS...VNEEVTLDLG.DELEI	380
NTDB id 408	SMU	RS09530	WP 002262392.1	KIGQGSSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK.....ETDEK...ADKNLVLELD.DTIEL	381
NTDB id 453	Spy49	1753c	ACI62003.1	KIGQGSSENAKRYLADHPQLFDEIDRKVVRVQFGLLEESSEESAMAVASE.....E.....TDDLALDLD.NGIEI	376
NTDB id 115	BSU	16940	NP 389576.2	RIGQGRSENAKQFLKENKDIMLMIQEIQREHYGLDNNGVVQQQAETQEEL.EFE..E.....	348
NTDB id 625	LCA	RS02525	WP 011374196.1	RIGQGRSENAKKNYLADHEDVEDEVRLKVVRAAYGISDVPEEDLPTTEDE.QI.NIL.PDDST.....EE.....	355
NTDB id 1313	DR	RS12030	WP 010888966.1	RIGQGKEKTIAYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPAA.....PEAAEA.....	363
NTDB id 418619	SynRS9909	RS02640	WP 038000839.1	NIGQGRDNTIGWLEQNPDAKDAIEALVRQKLTGSEVTANSRPLAAAARSAASQASSAAATSAAATSAPSAAASNDKPA	389
NTDB id 1245	Cj1673c	YP 002345041.1		KLGGGRENKSAFLKENPEIADEITKATQNSMGTGEMISGSEDD..E.....GEE.....	343
NTDB id 1211	C694	RS00795	WP 000963128.1	KLGGGRENKALLKEDKALADEITLKKESIGSNEEIMPLPDE..P.....LEEME.....	347
NTDB id 1214	NCTC11637	00359	SQJ03206.1	KLGGGRENKALLKEDKALADEITLKKESIGSNEEIMPLPDE..P.....LEEME.....	347
NTDB id 1334	RA0C	RS04870	WP 004918236.1	KLGGGRDNTVKEIKDNPEIAEELAKIREKLQAK.....	343
NTDB id 1389	A4U84	RS07560	WP 021112712.1	KIGQGNNAVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDS.....NDESDV.E.....EFSEEEL.....	372
NTDB id 1130	NGFG	RS03960	WP 003688695.1	KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET.....GER.....PEE.....	348
NTDB id 1124	NGFG	RS03960	WP 003688695.1	KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET.....GER.....PEE.....	348
NTDB id 1123	OK783	RS03845	WP 003688695.1	KIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET.....GER.....PEE.....	348
NTDB id 1427	RS	RS02760	WP 011000510.1	RIGQGRDNCREFLENAREIENKVRHLGVTPMGAVTLA.EEV.....EED.....	352
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	KIGQGANACKYLLKENPEIAKTLDKKLRMMLNPNMQLIAETSSA.....ADDVEF.G.....AVPEEF.....	354
NTDB id 1142	GTF74	RS11550	WP 000344154.1	KIGQGANACKYLLKENPEIAKTLDKKLRMMLNPNMQLIAETSSA.....ADDVEF.G.....AVPEEF.....	354
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	KIGQGNVIRYLEENPQISTEIEAVIREQLLTKASDQTA.HDET.....EEEPDL.L.....ES.....	349
NTDB id 1074	ABD1	RS10195	WP 000344167.1	KIGQGNVIRYFEENNQIAEIEIERNIREQLLTTGTNGAVQ.I.ED.....EEEPDL.L.....LES.....	349
NTDB id 1205	PSJM300	05545	AFN77183.1	KIGQGANAAKYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAED.....LADADI.....	347
consensus				**!!!** ** * ** ** ** **	

logo

NTDB id	Accession	Conservation	Position
600	KW2_RS01765_WP_011675413.1	.....	387
269	KZH43_RS08665_WP_001085462.1	EIEE.....	388
228	SPD_RS09265_WP_001085462.1	EIEE.....	388
194	SPR_RS08825_WP_001085462.1	EIEE.....	388
159	SP_RS09750_WP_001085462.1	EIEE.....	388
499	SM12261_RS08315_WP_078228268.1	EIEE.....	384
527	SMSK321_RS11065_WP_001085454.1	EIEE.....	384
408	SMU_RS09530_WP_002262392.1	ED.....	383
453	Spy49_1753c_ACI62003.1	ED.....	378
115	BSU_16940_NP_389576.2	.....	348
625	LCA_RS02525_WP_011374196.1	.....	355
1313	DR_RS12030_WP_010888966.1	.....	363
418619	SynRS9909_RS02640_WP_038000839.1	ANKPGAASSAA	400
1245	Cj1673c_YP_002345041.1	.....	343
1211	C694_RS00795_WP_000963128.1	.....	347
1214	NCTC11637_00359_SQJ03206.1	.....	347
1334	RAOC_RS04870_WP_004918236.1	.....	343
1389	A4U84_RS07560_WP_021112712.1	.....	372
1130	NGFG_RS03960_WP_003688695.1	.....	348
1124	NGFG_RS03960_WP_003688695.1	.....	348
1123	OK783_RS03845_WP_003688695.1	.....	348
1427	RS_RS02760_WP_011000510.1	.....	352
1165	A1552VC_RS01565_WP_000344154.1	.....	354
1142	GTF74_RS11550_WP_000344154.1	.....	354
1022	ACIAD_RS06390_WP_004925639.1	.....	349
1074	ABD1_RS10195_WP_000344167.1	.....	349
1205	PSJM300_05545_AFN77183.1	.....	347

consensus

- ⓧ non conserved
- ⓧ similar
- ⓧ ≥ 50% conserved