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NTDB id 600 KW2 RS01765 WP 011675413.1	EKIGQGA	EKAKNYL	KEHQDV	FDEID	HKVRAAH	CLDD	SEVAETE	EETT	ASKTKAKAK	KEEKAVETE	I	ELELED	387
NTDB id 1145967 BUC38 RS00425 WP 004195473.1	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	383
NTDB id 269 KZH43 RS08665 WP 001085462.1	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	383
NTDB id 228 SPD RS09265 WP 001085462.1	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	386
NTDB id 194 SPR RS08825 WP 001085462.1	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	386
NTDB id 159 SP RS09750 WP 001085462.1	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	386
NTDB id 499 SM12261 RS08315 WP 078228268.1	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	386
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	382
NTDB id 408 SMU RS09530 WP 002262392.1	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	382
NTDB id 453 Spy49 1753c ACI62003.1	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	383
NTDB id 115 BSU 16940 NP 389576.2	EKIGQGS	ENAKKFL	ADNP	AFDEID	DRKTRVHY	CLIE	GEEAPEV	VTEETP	. . . V	AT	EEVQD	VILDDL	GGGIELEE	378
NTDB id 625 LCA RS02525 WP 011374196.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	348
NTDB id 1313 DR RS12030 WP 010888966.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	348
NTDB id 1245 Cj1673c YP 002345041.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	355
NTDB id 1214 NCTC11637 00359 SQJ03206.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	363
NTDB id 1211 C694 RS00795 WP 000963128.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	343
NTDB id 1334 RAOC RS04870 WP 004918236.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	347
NTDB id 1389 A4U84 RS07560 WP 021112712.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	343
NTDB id 1130 NGFG RS03960 WP 003688695.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	372
NTDB id 1124 NGFG RS03960 WP 003688695.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	348
NTDB id 1427 RS RS02760 WP 011000510.1	ERLGGGR	ENAKQFL	KENKDI	MLMI	IQEQI	REHY	CLD	NGVV	QQQAEET	QEELEF	. . . . .	E	E	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	DKIGQGK	ANACKYL	KENPEI	AKTLD	KKLRE	MLLN	PENM	. . . . .	QLIAET	SSAA	. . . . .	DDV	EF	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	DKIGQGK	ANACKYL	KENPEI	AKTLD	KKLRE	MLLN	PENM	. . . . .	QLIAET	SSAA	. . . . .	DDV	EF	354
NTDB id 1074 ABD1 RS10195 WP 000344167.1	NKIGQCK	NNVIRY	FEEN	NCIAE	IEIERN	IRE	QLLT	TGTN	. . . . .	GAVQ	I	EDE	. . . . .	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	NKIGQCK	NNVIRY	FEEN	NCIAE	IEIERN	IRE	QLLT	TGTN	. . . . .	GAVQ	I	EDE	. . . . .	349
NTDB id 1205 PSJM300 05545 AFN77183.1	SKIGQGK	ANAAYL	LEENPEI	GQEI	EQI	RAKLL	VT	SAN	TKATP	VAEDL	ADAD	347
consensus	***!!*	*****	* * *	*****	*****	* * *	* * *	* * *					*	

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NTDB id 1145967 BUC38 RS00425 WP 004195473.1 .. 383
NTDB id 269 KZH43 RS08665 WP 001085462.1 EE 388
NTDB id 228 SPD RS09265 WP 001085462.1 EE 388
NTDB id 194 SPR RS08825 WP 001085462.1 EE 388
NTDB id 159 SP RS09750 WP 001085462.1 EE 388
NTDB id 499 SM12261 RS08315 WP 078228268.1 EE 384
NTDB id 527 SMSK321 RS11065 WP 001085454.1 EE 384
NTDB id 408 SMU RS09530 WP 002262392.1 .. 383
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NTDB id 625 LCA RS02525 WP 011374196.1 .. 355
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NTDB id 1214 NCTC11637 00359 SQJ03206.1 .. 347
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NTDB id 1389 A4U84 RS07560 WP 021112712.1 .. 372
NTDB id 1130 NGFG RS03960 WP 003688695.1 .. 348
NTDB id 1124 NGFG RS03960 WP 003688695.1 .. 348
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NTDB id 1427 RS RS02760 WP 011000510.1 .. 352
NTDB id 1165 A1552VC RS01565 WP 000344154.1 .. 354
NTDB id 1142 GTF74 RS11550 WP 000344154.1 .. 354
NTDB id 1074 ABD1 RS10195 WP 000344167.1 .. 349
NTDB id 1022 ACIAD RS06390 WP 004925639.1 .. 349
NTDB id 1205 PSJM300 05545 AFN77183.1 .. 347
consensus

⊠ non conserved
⊠ similar
⊠ ≥ 50% conserved