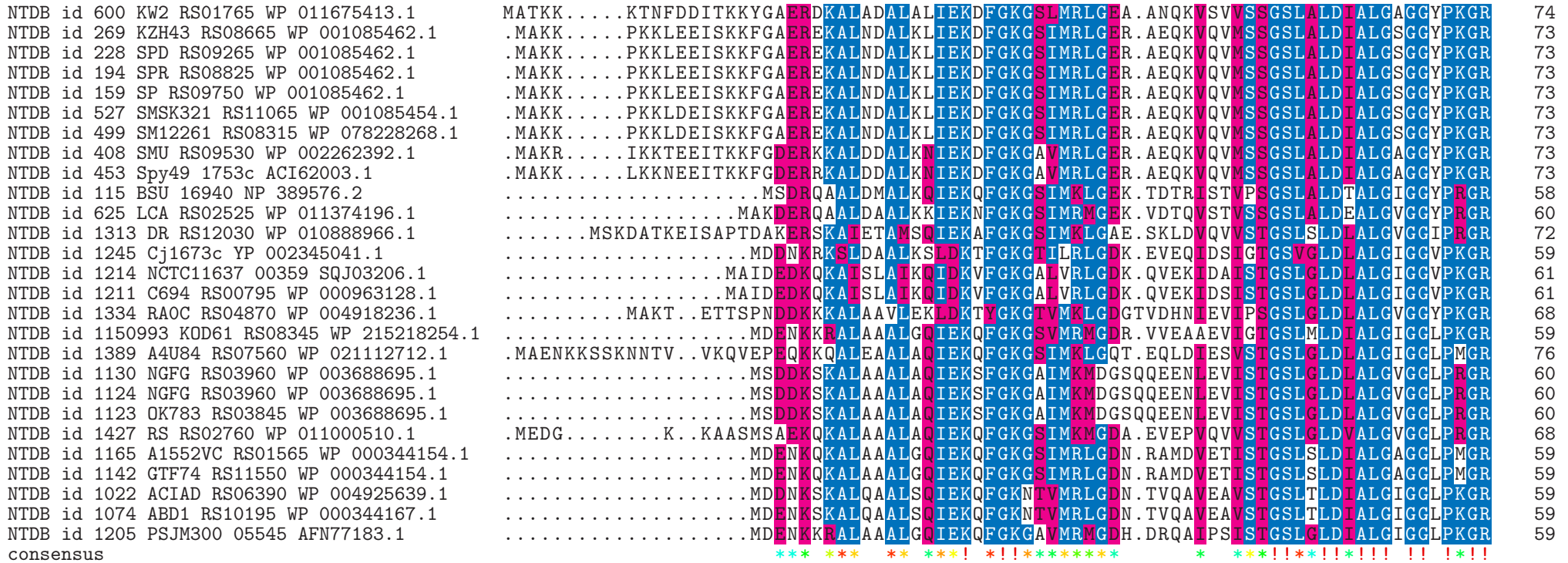


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NTDB id 600 KW2 RS01765 WP 011675413.1	NDEKIGQGA	EKAKNYL	KEHQDV	FDEID	HKVRAAH	GLDDSEVAETE	EET.TASKTKAKAKKEEKAVETEEIELELED...	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	KDEKIGQGS	ENAKKYL	LAEHPEI	FDEID	KQVRSKF	GLIDGEEVSE	QDTEK.KKDE....PKKEEA..VNEEVPLDLGDELE	383	
NTDB id 228 SPD RS09265 WP 001085462.1	KDEKIGQGS	ENAKKYL	LAEHPEI	FDEID	KQVRSKF	GLIDGEEVSE	QDTEK.KKDE....PKKEEA..VNEEVPLDLGDELE	383	
NTDB id 194 SPR RS08825 WP 001085462.1	KDEKIGQGS	ENAKKYL	LAEHPEI	FDEID	KQVRSKF	GLIDGEEVSE	QDTEK.KKDE....PKKEEA..VNEEVPLDLGDELE	383	
NTDB id 159 SP RS09750 WP 001085462.1	KDEKIGQGS	ENAKKYL	LAEHPEI	FDEID	KQVRSKF	GLIDGEEVSE	QDTEK.KKDE....PKKEEA..VNEEVPLDLGDELE	383	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KDEKIGQGS	ENAKKYL	ADNPEI	VFAEID	HQVVRVQ	FLIDGEEAAE...	S.KKDE....VAQVDS..VNEEVTLDLGDELE	379	
NTDB id 499 SM12261 RS08315 WP 078228268.1	KDEKIGQGS	ENAKKYL	ADNPEI	FDEID	HQVVRVQ	FLIDGEEIAE...	S.KKDE....AAQVDS..VNEEVTLDLGDELE	379	
NTDB id 408 SMU RS09530 WP 002262392.1	NGEKIGQGS	ENAKKFL	ADNPEI	FDDID	HKVVRVQ	GLIEEDNTEEK	QSSK.EK.....ETDEK..ADKNLVLELDDTIE	380	
NTDB id 453 Spy49 1753c ACI62003.1	NGEKIGQGS	ENAKRYL	ADHPQI	FDEID	RKVVRVK	GLLEESEEE	SAMAVA.SE.....E.....TDDLALDLDN	375	
NTDB id 115 BSU 16940 NP 389576.2	EEERLGG	RENAKQ	FLKENK	DIMLM	IQEQIRE	HYCDNNGV	VVQQAEET.QEEL.EFE.E.....	348	
NTDB id 625 LCA RS02525 WP 011374196.1	GSEKIGQGS	ENAKNYL	ADHEDV	EDVRL	KVRAAYG	ISDVPEED	LPTTED.E.QI.NILPDDST.....EE.....	355	
NTDB id 1313 DR RS12030 WP 010888966.1	GDERIGQ	CKEKTIA	YIAERPE	MEQEIR	DRVMAA	IRAGNAGE	APALAPAPAAPAAEA.....	363	
NTDB id 1245 Cj1673c YP 002345041.1	KDKKLG	QGRNSK	AFLEN	PEIAD	EITKAT	QNSMCI	EGMI..SGSEDDE..GEE.....	343	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	QDKKLG	QGRNAK	ALLKED	KALAD	EITLTK	KESICS	NEEI..MPLPDEP..LEEME.....	347	
NTDB id 1211 C694 RS00795 WP 000963128.1	QDKKLG	QGRNAK	ALLKED	KALAD	EITLTK	KESICS	NEEI..MPLPDEP..LEEME.....	347	
NTDB id 1334 RAOC RS04870 WP 004918236.1	QDTKLG	QGRD	TVKEL	LKDNPE	IAEEL	AKIREK	LQAK.....	343	
NTDB id 1150993 KOD61 RS08345 WP 215218254.1	GEEKIG	QCKEN	ARQV	LKENP	AVAQRL	EAEIRE	KFVPAEAR..PGED...DDRDEADA.....	346	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	DGTKIG	QGKN	NAVK	LKENP	EADKLE	QETR	NTLASNPNS..VLKATASDSNDESDVEE.....FSEEEL.....	372	
NTDB id 1130 NGFG RS03960 WP 003688695.1	NGAKIG	QKDN	VVRV	LKENP	EISDEI	DAKTR	ALNCVEMHI..TEGTQDET	DGER.....PEE.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	NGAKIG	QKDN	VVRV	LKENP	EISDEI	DAKTR	ALNCVEMHI..TEGTQDET	DGER.....PEE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	NGAKIG	QKDN	VVRV	LKENP	EISDEI	DAKTR	ALNCVEMHI..TEGTQDET	DGER.....PEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	NGERIG	QCRD	NCRE	FLREN	AELARE	LENK	VREHLGVTPMG..AVTLA.EEVEED.....	352	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	NGDKIG	QGKAN	ACKYL	LKENP	EIAKTL	DKKLR	EMLLNPENM..QLIAETSSAAD	VEFGA.....VPEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	NGDKIG	QGKAN	ACKYL	LKENP	EIAKTL	DKKLR	EMLLNPENM..QLIAETSSAAD	VEFGA.....VPEEF.....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	QGNKIG	QKNN	VIRY	LLENP	QISTE	IEAVI	REQLLT	KASD..QTAA.HDETEEPDLL.....ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	QGNKIG	QKNN	VIRY	LLENP	QISTE	IEAVI	REQLLT	TGTN..GAVQ.I.EDEEPPDLL.....LES.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	KGSKIG	QGKAN	AAKY	LLENP	EIQEIE	QQIR	AKLLVTSAN..TKATPVAEDLAD	ADI.....	347
consensus	***!!!	* ** * * *	* * * * * *	* * * * *	* * * * *	* * * * *	* * * * *	* * * * *	

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NTDB id 600 KW2 RS01765 WP 011675413.1	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	IEIEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	IEIEE	388
NTDB id 159 SP RS09750 WP 001085462.1	IEIEE	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEIEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEIEE	384
NTDB id 408 SMU RS09530 WP 002262392.1	LED..	383
NTDB id 453 Spy49 1753c ACI62003.1	IED..	378
NTDB id 115 BSU 16940 NP 389576.2	.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	.....	363
NTDB id 1245 Cj1673c YP 002345041.1	.....	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....	343
NTDB id 1150993 KOD61 RS08345 WP 215218254.1	.....	346
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
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....	348
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 1022 ACIAD RS06390 WP 004925639.1	.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	.....	347

consensus

☒ non conserved
☒ similar
☒ ≥ 50% conserved