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NTDB id 373864 F0444 RS02025 WP 012897202.1	DEKIGQGA E KAKNYLKEHQ E IFDEIDHKVRAAHG L LDDEAEVVETT.....EDTSTKAKATKAKKKEEKVVETEEIELELED	387
NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA E KAKNYLKEHQ D VFDEIDHKVRAAHG L LDDEAEVETE.....EETTASKTAKAKKKEEKAVETEEIELELED	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS E NAKKYLAEHPEIFDEIDKQVRSKF G LIDGEEVSEQD.....TENKK D EP....KKEEAV..NEEVPLDLGD	380
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS E NAKKYLAEHPEIFDEIDKQVRSKF G LIDGEEVSEQD.....TENKK D EP....KKEEAV..NEEVPLDLGD	380
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS E NAKKYLAEHPEIFDEIDKQVRSKF G LIDGEEVSEQD.....TENKK D EP....KKEEAV..NEEVPLDLGD	380
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS E NAKKYLAEHPEIFDEIDKQVRSKF G LIDGEEVSEQD.....TENKK D EP....KKEEAV..NEEVPLDLGD	380
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS E NAKKYLADNPEIFDEIDHQV R VQF G LIDGEEIAES.....KK D EA....AQVDSV..NEEVTLDLGD	376
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS E NAKKYLADNPEVFAEIDHQV R VQF G LIDGEEAAES.....KK D EV....AQVDSV..NEEVTLDLGD	376
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS E NAKKFLADNPEIF D IDHKV R VQY G LIEEDNTEEKQ.....SSKEK.....ETDEKA..DKNLVLELDD	377
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS E NAKRYLADHP Q LFDEIDRKV R VKF G LLEESEEEESAM.....AVASE.....E.....TDDLALDLDN	372
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGR E NAKNYLADHEDVEDEVRLK V RAAY G ISDVPEEDLPT.....TEDE.QINIL.....PDD	351
NTDB id 115 BSU 16940 NP 389576.2	EER L GQGR E NAK Q FLKEN K DI M LMI Q EQ I REHY G L D NNGVV Q QA.....EET Q EE L E F E.....E.	348
NTDB id 1313 DR RS12030 WP 010888966.1	DER I GQ G KE K TI A Y I A E RP E ME Q E I RDR V MA A IR A GN A GE A P A L A P A PE A AE A	363
NTDB id 1245 Cj1673c YP 002345041.1	DK K L G Q G RE N SK A FL K EN P E I AD E IT K AI Q NS M G I EG M I.....SG S ED D ..EG E	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DK K L G Q G RE N AK A LL K ED K AL A DE I TL K ES I GS N EE IM P L P DE..P L E E ME.....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	DK K L G Q G RE N AK A LL K ED K AL A DE I TL K ES I GS N EE IM P L P DE..P L E E ME.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DT K L G Q G R D TV K EL I K D NP E LA E EL E AK I RE K L Q AK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GT K IG Q G K NN A V K WL K EN P E I AD K LE Q E I R N TL A SN P NS.....VL K AT A SD S ND E SD V EE FS E E	370
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAK I G Q G K DN V RV W L K EN P E I S D E I DA K IR A LN G V E M H I.....TE G T Q DE T D G ER.....P E E	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAK I G Q G K DN V RV W L K EN P E I S D E I DA K IR A LN G V E M H I.....TE G T Q DE T D G ER.....P E E	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAK I G Q G K DN V RV W L K EN P E I S D E I DA K IR A LN G V E M H I.....TE G T Q DE T D G ER.....P E E	348
NTDB id 1427 RS RS02760 WP 011000510.1	GE R IG Q GR D NC R E F LA E NA E L A RE I EN K V R E H LG V TP M G.....AV T LA.E E VE E D.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GD K IG Q G K AN A CK Y L K EN P E I AK T LD K KL R EM L LN P EN MQL I AE T SS A AD D VE F GA VP E E	353
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GD K IG Q G K AN A CK Y L K EN P E I AK T LD K KL R EM L LN P EN MQL I AE T SS A AD D VE F GA VP E E	353
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GN K IG Q G K NN V IR Y LE E NP Q IS T E I E A V I RE Q LL T K A SD.....Q T AA.H D ET E EE P DL LE S .	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GN K IG Q G K NN V IR Y FE E NN Q IA E E I ERN I RE Q LL T T G T NG A V Q .I.E D EE E P D LL.....L E S	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GS K IG Q G K AN A AK Y LE E NP E IG Q E I EQ Q IR A K L L V TS A N.....TK A TP V A E DL A D I	347
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consensus

 non conserved
 similar
 ≥ 50% conserved