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NTDB id 183159 LLUC11 RS01755 WP 058221214.1	DEKIGQGA E KAKNYLKEHQE I FDEIDHKVRAAH C LDEVEVAETT...EDTSTKAKATKAKKEEKVVEETEEIELELED	387
NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA E KAKNYLKEHQD V FDEIDHKVRAAH C LDDSEVAETE...EETTASTKAKAKKEEKAVETEEIELELED	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS E NAKKYLA E HP E IFDEIDKQVRSK F CIDGEEVSEQD...TENKK D EP...KKEEAV..NEEVPLDLGD	380
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS E NAKKYLA E HP E IFDEIDKQVRSK F CIDGEEVSEQD...TENKK D EP...KKEEAV..NEEVPLDLGD	380
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS E NAKKYLA E HP E IFDEIDKQVRSK F CIDGEEVSEQD...TENKK D EP...KKEEAV..NEEVPLDLGD	380
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS E NAKKYLA E HP E IFDEIDKQVRSK F CIDGEEVSEQD...TENKK D EP...KKEEAV..NEEVPLDLGD	380
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS E NAKKYLA D N P E I FDEIDHQV R VQ F CIDGEEIAES...KK D EA...AQVDSV..NEEVTLDLGD	376
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS E NAKKYLA D N P E V FA E IDHQV R VQ F CIDGEEAAES...KK D EV...AQVDSV..NEEVTLDLGD	376
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS E NAKKFL A D N PE I F D IDHKV R VQ Y CIEEDNTEEKQ...SSKEK...ETDEKA..DKNLVLELDD	377
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS E NAKRYL A D H P Q L F DEIDRK V R V K F CLEESEEEESAM...AVASE...E...TDDLALDLDN	372
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG R ENAKNYL A D H ED V E D VR L K V RA A Y G ISDVPEEDLPT...TEDE.QINIL...PDD	351
NTDB id 115 BSU 16940 NP 389576.2	EERIGQG R ENAK Q EL K EN K D I ML M I Q E Q IR E HY C LDNNGVVQQQA...EET Q E L E F E...E.	348
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQG K E K T I A Y I A ER P E M E Q E I R D R V MA A TR A GN A GE A P A L A P A P A PE A AE A	363
NTDB id 1245 Cj1673c YP 002345041.1	DKKIGQG R EN S K A EL K EN P E I A D E I T K A I Q N S M C I EG M I...SGSEDD..EGE E	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKIGQG R ENAK A L L K E D K A L A D E I T L K I K E S I C S N E E I ...MPLPDE..PLE E ME	347
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKIGQG R ENAK A L L K E D K A L A D E I T L K I K E S I C S N E E I ...MPLPDE..PLE E ME	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKIGQ G R D TV K EL T K D N P E I A E L E A K I R E K L Q A K	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQ G K N AV K W L K E N P E I A D K L E Q E I R N T L A S N P N S ...VLK A T A S D S N D E SD V E E F...SEE	370
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQ G K D N V R V W L K E N P E I S D E I D A K I R A L N C V E M H I ...TEGT Q D E T D G E R...PEE	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQ G K D N V R V W L K E N P E I S D E I D A K I R A L N C V E M H I ...TEGT Q D E T D G E R...PEE	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQ G K D N V R V W L K E N P E I S D E I D A K I R A L N C V E M H I ...TEGT Q D E T D G E R...PEE	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQ G R D N C R E E L R E N A E L A R E I E N K V R E H L C V T P M G ...AV T L A .E E V E E D	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQ G K A N A C K Y L K E N P E I A K T L D K K L R E M L L N P E N M ...Q L I A E T S S A A D D V E F G A V ...PEE	353
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQ G K A N A C K Y L K E N P E I A K T L D K K L R E M L L N P E N M ...Q L I A E T S S A A D D V E F G A V ...PEE	353
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQ G K N N V I R Y L E E N P C I S T E I E A V I R E Q L L T K A S D...Q T A A .H D E T E E P D L L ...ES.	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQ G K N N V I R Y F E E N N C I A E I E R N I R E Q L L T T G T N ...G A V Q .I. E D E E P D L L...LES	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQ G K A N A A K Y L E E N P E I G Q E I Q Q I R A K L L V T S A N...T K A T P V A E D L A D I...347	347
consensus	**!!!** ** * ** ** ** ** *	*

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consensus

 non conserved
 similar
 ≥ 50% conserved