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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA E KAKNYLKEHQDV F DEIDHKVRAAH G LDDSEVAETEEE.TTASKTK..AKAKKEEKAVETEEIELELED..	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS E NAKKYLA E HP E IF D EIDKQVRSK F GIDGEEVSEQDTE.NKK D E.....PKKEEA..VNEEVPLDLGDEL	382
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS E NAKKYLA E HP E IF D EIDKQVRSK F GIDGEEVSEQDTE.NKK D E.....PKKEEA..VNEEVPLDLGDEL	382
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS E NAKKYLA E HP E IF D EIDKQVRSK F GIDGEEVSEQDTE.NKK D E.....PKKEEA..VNEEVPLDLGDEL	382
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS E NAKKYLA E HP E IF D EIDKQVRSK F GIDGEEVSEQDTE.NKK D E.....PKKEEA..VNEEVPLDLGDEL	382
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS E NAKKYL A D N PE V FA E ID H Q V RV Q F G LIDGEEAAE.....SK K D EVAQVDS..VNEEVTLDLGDEL	378
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS E NAKKYL A D N PE I F D EID H Q V RV Q F G LIDGEEIAE.....SK K D EAAQVDS..VNEEVTLDLGD E L	378
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS E NAKRYL A D H P Q L F D E ID R K V RV K F G LLEESEEEESAMAV.ASE.....E.....TDDLALDLDNGI	374
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS E NAKK F L A D N PE I F D D I D H K V RV Q G LIEEDNTEEKQSS.KEK.....ETDEK..ADKNLVLELDDTI	379
NTDB id 115 BSU 16940 NP 389576.2	E E R L I G Q G R E N A K Q F L K E N K D I M L M I Q E Q I R E H Y G L D N N G V V Q Q A E E .T Q E E L . E . F E . E	348
NTDB id 625 LCA RS02525 WP 011374196.1	S E R I G Q G R E N A K N Y L A D H E D V E D V R L K V R A A Y G L S D V P E E D L P T T E . D E . Q I . N . I L P D D S TE E	355
NTDB id 1313 DR RS12030 WP 010888966.1	D E R I G Q C K E K T I A Y I A E R P E M E Q E I R D R V M A A I R A G N A G E A P A L A P A P A A P E A A E A	363
NTDB id 1245 Cj1673c YP 002345041.1	D K K I G Q G R E N S K A F L K E N P E I A D E I T K A I Q N S M G L E G M I S G S ..E D D E G E .. E	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	D K K I G Q G R E N A K A L L K E D K A L A D E I T L K I K E S I G S N E E I M P L ..P D E P L E .. E M E	347
NTDB id 1211 C694 RS00795 WP 000963128.1	D K K I G Q G R E N A K A L L K E D K A L A D E I T L K I K E S I G S N E E I M P L ..P D E P L E .. E M E	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	D T K I L G Q G R D T V K E L I K D N P E L A E E L A K I R E K L Q A K	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	G T K I G Q C K N N A V K V 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 V L K ..A T A S D S M D E S D V E E F S EE E L.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	G A K I G Q G K D N V R V V 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 T E G ..T Q D E T DG E R P E.....E.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	G A K I G Q G K D N V R V V 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 T E G ..T Q D E T DG E R P E.....E.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	G A K I G Q G K D N V R V V 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 T E G ..T Q D E T DG E R P E.....E.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	G E R I G Q G R D N C R E F L R E N A E L A R E I E N K V R E H L G V T P M G A V...T L A E E V E E D.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	G D K I G Q C 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 P E.....E F	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	G D K I G Q C 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 P E.....E F	354
NTDB id 110275 ACAK32 RS11680 WP 000344169.1	G N K I G Q G K N N V I R Y F E E N T Q 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 E P D..L L L ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	G N K I G Q C K N N V I R Y F E E N N Q 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 E P D..L L L ES.....	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	G N K I G Q G K N N V I R Y L E E N P G 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 E P D..L L E S	349
NTDB id 1205 PSJM300 05545 AFN77183.1	G S K I G Q G K A N A A K Y L E E N P E I G Q E I E 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
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NTDB id 228 SPD RS09265 WP 001085462.1	E	I	E	I	E	388
NTDB id 194 SPR RS08825 WP 001085462.1	E	I	E	I	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	I	E	I	E	388
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NTDB id 1205 PSJM300 05545 AFN77183.1	347

consensus

- non conserved
- similar
- $\geq 50\%$ conserved