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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGGQA <b>E</b> KAKNYLKEHQDV <b>F</b> DEIDHKVRAAH <b>C</b> LDDSEVAETEETTASKTKAKAKKEEKAVETEEIELELED . . . . .	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGGQ <b>S</b> ENAKKYLAEHP <b>E</b> IFDEIDKQVRSKF <b>C</b> LIDGEEVSEQD <b>T</b> ENKKDE . . . . .PKKEEA . .VNEEVPLDLGDELEIE	385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGGQ <b>S</b> ENAKKYLAEHP <b>E</b> IFDEIDKQVRSKF <b>C</b> LIDGEEVSEQD <b>T</b> ENKKDE . . . . .PKKEEA . .VNEEVPLDLGDELEIE	385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGGQ <b>S</b> ENAKKYLAEHP <b>E</b> IFDEIDKQVRSKF <b>C</b> LIDGEEVSEQD <b>T</b> ENKKDE . . . . .PKKEEA . .VNEEVPLDLGDELEIE	385
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGGQ <b>S</b> ENAKKYLAEHP <b>E</b> IFDEIDKQVRSKF <b>C</b> LIDGEEVSEQD <b>T</b> ENKKDE . . . . .PKKEEA . .VNEEVPLDLGDELEIE	385
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGGQ <b>S</b> ENAKKYLADNP <b>E</b> VFAEIDHQV <b>R</b> VQ <b>F</b> C <b>L</b> IDGEEAAE . . . . .SKKDE . . . . .VAQVDS . .VNEEVTLDLGDELEIE	381
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGGQ <b>S</b> ENAKKYLADNP <b>E</b> IFDEIDHQV <b>R</b> VQ <b>F</b> C <b>L</b> IDGEEIAE . . . . .SKKDE . . . . .AAQVDS . .VNEEVTLDLGDELEIE	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGGQ <b>S</b> ENAKRYLADHP <b>Q</b> L <b>F</b> DEIDRK <b>V</b> RV <b>K</b> F <b>C</b> LLEESEEEESAMAVASE . . . . .E . . . . .TDDLALDLNGIEIE	377
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGGQ <b>S</b> ENAKKFLADNP <b>E</b> IFDDIDHKV <b>R</b> VQ <b>Y</b> C <b>L</b> IEEDNTEEKQSSKEK . . . . .ETDEK . .ADKNLVLELDDTIELE	382
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGGQ <b>R</b> ENAKNYLADHED <b>V</b> EVRLK <b>V</b> RAAY <b>C</b> ISDVPEEDLPTTEDEQINILPDDSTEE . . . . .	355
NTDB id 1135985 DQL89 RS08125 WP 002480731.1	GDRMGQ <b>G</b> KENVKNYLKEHP <b>D</b> VKADID <b>Q</b> KL <b>R</b> Q <b>K</b> L <b>C</b> IFDGDVVEEKKEEKA <b>E</b> KN <b>S</b> .ENASLFEE . . . . .	354
NTDB id 115 BSU 16940 NP 389576.2	EERIGGQ <b>R</b> ENAK <b>Q</b> FLKEN <b>K</b> DI <b>M</b> LM <b>I</b> Q <b>E</b> Q <b>T</b> REHY <b>C</b> L <b>D</b> NNGVVQQQA <b>E</b> ET <b>Q</b> EEL . . . . .EFEE . . . . .	348
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGGQ <b>K</b> EKT <b>I</b> AY <b>I</b> A <b>E</b> R <b>P</b> E <b>M</b> E <b>Q</b> E <b>I</b> RDR <b>V</b> MA <b>A</b> TRAGNAGEAPALAPAPAAPEAAEA . . . . .	363
NTDB id 1245 Cj1673c YP 002345041.1	DKKIGGQ <b>R</b> ENAK <b>S</b> K <b>A</b> FLKEN <b>P</b> E <b>I</b> A <b>D</b> E <b>I</b> T <b>K</b> A <b>I</b> Q <b>N</b> S <b>M</b> C <b>I</b> EGMI . . . . .SGSEDD . .EGEE . . . . .	343
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKIGGQ <b>R</b> ENAK <b>A</b> L <b>L</b> K <b>E</b> D <b>K</b> A <b>L</b> A <b>D</b> E <b>I</b> T <b>L</b> K <b>I</b> K <b>E</b> S <b>I</b> C <b>S</b> NEEI . . . . .MPLPDE . .PLEEME . . . . .	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKIGGQ <b>R</b> ENAK <b>A</b> L <b>L</b> K <b>E</b> D <b>K</b> A <b>L</b> A <b>D</b> E <b>I</b> T <b>L</b> K <b>I</b> K <b>E</b> S <b>I</b> C <b>S</b> NEEI . . . . .MPLPDE . .PLEEME . . . . .	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKIGGQ <b>R</b> D <b>T</b> V <b>K</b> EL <b>T</b> K <b>D</b> N <b>P</b> E <b>I</b> A <b>E</b> L <b>E</b> A <b>K</b> I <b>R</b> E <b>K</b> L <b>Q</b> A <b>K</b> . . . . .	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGGQ <b>K</b> NAV <b>K</b> W <b>L</b> KEN <b>P</b> E <b>I</b> A <b>D</b> K <b>L</b> E <b>Q</b> E <b>I</b> R <b>N</b> T <b>L</b> A <b>S</b> N <b>P</b> N <b>S</b> . . . . .VLKATASDSNDESDVEE . .FSEEL . . . . .	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGGQ <b>K</b> D <b>N</b> VR <b>V</b> W <b>L</b> KEN <b>P</b> E <b>I</b> S <b>D</b> E <b>I</b> D <b>A</b> K <b>I</b> R <b>A</b> L <b>N</b> C <b>V</b> E <b>M</b> H <b>I</b> . . . . .TEGTQDETDGER . . . . .PEE . . . . .	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGGQ <b>K</b> D <b>N</b> VR <b>V</b> W <b>L</b> KEN <b>P</b> E <b>I</b> S <b>D</b> E <b>I</b> D <b>A</b> K <b>I</b> R <b>A</b> L <b>N</b> C <b>V</b> E <b>M</b> H <b>I</b> . . . . .TEGTQDETDGER . . . . .PEE . . . . .	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGGQ <b>K</b> D <b>N</b> VR <b>V</b> W <b>L</b> KEN <b>P</b> E <b>I</b> S <b>D</b> E <b>I</b> D <b>A</b> K <b>I</b> R <b>A</b> L <b>N</b> C <b>V</b> E <b>M</b> H <b>I</b> . . . . .TEGTQDETDGER . . . . .PEE . . . . .	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGGQ <b>R</b> D <b>N</b> C <b>R</b> E <b>F</b> L <b>R</b> E <b>N</b> A <b>E</b> L <b>A</b> R <b>E</b> I <b>N</b> K <b>V</b> R <b>E</b> H <b>L</b> C <b>V</b> TPMG . . . . .AVTLA .EEVEED . . . . .	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGGQ <b>K</b> AN <b>A</b> C <b>K</b> Y <b>L</b> KEN <b>P</b> E <b>I</b> A <b>K</b> T <b>L</b> D <b>K</b> K <b>L</b> R <b>E</b> M <b>L</b> L <b>N</b> P <b>E</b> N <b>M</b> . . . . .QLIAETSSAADDVEFGA . .VPEEF . . . . .	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGGQ <b>K</b> AN <b>A</b> C <b>K</b> Y <b>L</b> KEN <b>P</b> E <b>I</b> A <b>K</b> T <b>L</b> D <b>K</b> K <b>L</b> R <b>E</b> M <b>L</b> L <b>N</b> P <b>E</b> N <b>M</b> . . . . .QLIAETSSAADDVEFGA . .VPEEF . . . . .	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGGQ <b>K</b> NN <b>V</b> I <b>R</b> Y <b>L</b> E <b>N</b> P <b>E</b> I <b>S</b> T <b>E</b> I <b>E</b> A <b>V</b> I <b>R</b> E <b>Q</b> L <b>L</b> T <b>K</b> A <b>S</b> D . . . . .QTAA .HDETEEEPDLL . . . . .ES . . . . .	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGGQ <b>K</b> NN <b>V</b> I <b>R</b> Y <b>F</b> E <b>E</b> N <b>N</b> <b>Q</b> I <b>A</b> E <b>I</b> E <b>R</b> N <b>I</b> R <b>E</b> Q <b>L</b> L <b>T</b> T <b>G</b> T <b>N</b> . . . . .GAVQ .I .EDEEEDPLL . . . . .LES . . . . .	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGGQ <b>K</b> AN <b>A</b> A <b>K</b> Y <b>L</b> E <b>N</b> P <b>E</b> I <b>G</b> Q <b>E</b> I <b>Q</b> Q <b>I</b> R <b>A</b> K <b>L</b> L <b>V</b> T <b>S</b> A <b>N</b> . . . . .TKATPVAEDLADADI . . . . .	347
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consensus

 non conserved  
 similar  
 ≥ 50% conserved