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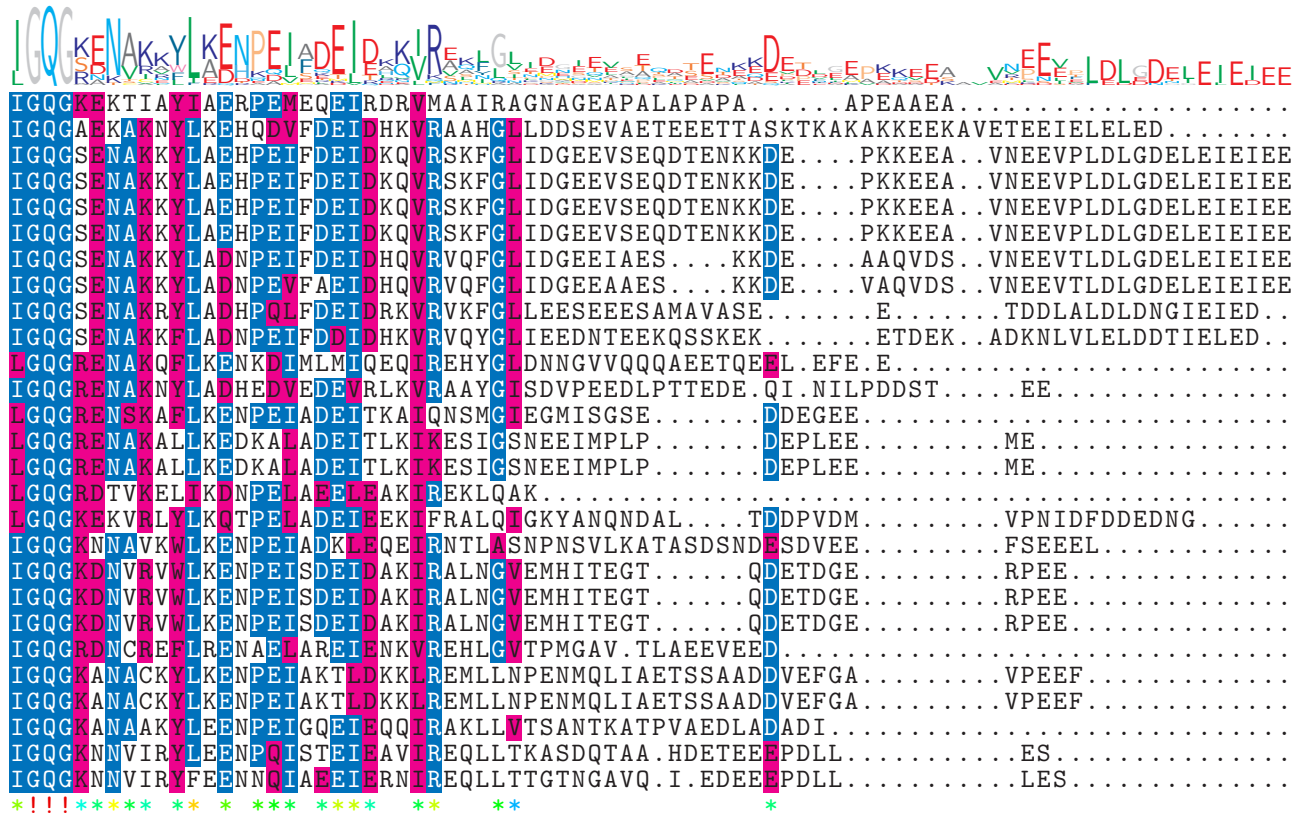
NTDB id 1313 DR RS12030 WP 010888966.1	IYGPESGGKTTLALAI V AQAQKAGGTC AFIDA EHALDPVYARALGVNTDELLVSQPDNGEQALEIMELLVRSGAIDV VVV	155
NTDB id 600 KW2 RS01765 WP 011675413.1	IYGPESGGKTTVALHAVA AAVQKEGGIAAFIDAENALDPEYAKALGVNTDELLS QPDYGEQGLQIAEKLITSGAVDLVVT	157
NTDB id 269 KZH43 RS08665 WP 001085462.1	IYGPESGGKTTVALHAVAQAQKKEGGIAAFIDA EHALDPAYAAALGVNIDELL S QPDSGEQGLEIAGKLIDSGAVDLVVV	156
NTDB id 228 SPD RS09265 WP 001085462.1	IYGPESGGKTTVALHAVAQAQKKEGGIAAFIDA EHALDPAYAAALGVNIDELL S QPDSGEQGLEIAGKLIDSGAVDLVVV	156
NTDB id 194 SPR RS08825 WP 001085462.1	IYGPESGGKTTVALHAVAQAQKKEGGIAAFIDA EHALDPAYAAALGVNIDELL S QPDSGEQGLEIAGKLIDSGAVDLVVV	156
NTDB id 159 SP RS09750 WP 001085462.1	IYGPESGGKTTVALHAVAQAQKKEGGIAAFIDA EHALDPAYAAALGVNIDELL S QPDSGEQGLEIAGKLIDSGAVDLVVV	156
NTDB id 499 SM12261 RS08315 WP 078228268.1	IYGPESGGKTTVALHAVAQAQKKEGGIAAFIDA EHALDPAYAAALGVNIDELL S QPDSGEQGLEIAGKLIDSGAVDLVVV	156
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IYGPESGGKTTVALHAVAQAQKKEGGIAAFIDA EHALDPAYAAALGVNIDELL S QPDSGEQGLEIAGKLIDSGAVDLVVV	156
NTDB id 453 Spy49 1753c ACI62003.1	IYGPESGGKTTVALHAVAQAQKKEGGIAAFIDA EHALDPAYAAALGVNIDELL S QPDSGEQGLEIAGKLIDSGAVDLVVV	156
NTDB id 408 SMU RS09530 WP 002262392.1	IYGPESGGKTTVALHAVAQAQKDGGA AFIDA EHALDPAYAAALGVNIDELL S QPDSGEQGLEIAGKLIDSGAVDLVVV	156
NTDB id 115 BSU 16940 NP 389576.2	VYGPESGGKTTVALHAI AAEVQQQGGQA AFIDA EHALDPVYAQKLGVNIEELL S QPDTGEQALEIAEALVRS GAVDIVVV	141
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NTDB id 1214 NCTC11637 00359 SQJ03206.1	IYGPESGGKTTLSLHI IAECQKNGGVC AFIDA EHALDVHYAKR LGVDTENLL S QPDTGEQALEILETIT RSGGIDLVVV	144
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NTDB id 1334 RAOC RS04870 WP 004918236.1	IYGPESGGKTTLTLHAI AEAQKVGGA AFIDA EHA FDMHYAEKLGINLEEL IVSQPDNGEQALEIADSLI RSGGVDIVVV	151
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	IYGPESGGKTTLTLSLI IAQAQKGNKTC AFIDA EHALDPVYARNLGV NTDELL S QPDNGEQALEICDALVRS GAVDVITV	159
NTDB id 1130 NGFG RS03960 WP 003688695.1	IFGPESGGKTTLCLEAVAQCQKNGGVC AFVDAEHA FDPVYARKLGVKVEELYLSQPD TGEQALEICDTLVRSGGIDM VVV	143
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	IFGPESGGKTTLLEL IAAAQREGKTC AFIDA EHALDPVYAKKLG VNIDELL S QPDTGEQALEICDALARSGAVD VIVV	142
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	IYGPESGGKTTMTLQAI AQCQKAGGTC AFIDA EHALDPQYARKLGV D IDNLL S QPDHGEQALEIADMLVRS GAIDLIVV	142
NTDB id 1074 ABD1 RS10195 WP 000344167.1	IYGPESGGKTTMTLQAI AQCQKSGGTC AFIDA EHALDPQYARKLGV D IDNLL S QPDNGEQALEIADMLVRS GAIDLIVV	142
consensus	**!!!!*!!!!* ! **! !* ** !*!!!!*!!* !! !*!!!!*!!!!*!!!!*!!* * *!!!!*!!!!*!!!!*	





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NTDB id 1313 DR RS12030 WP 010888966.1  
 NTDB id 600 KW2 RS01765 WP 011675413.1  
 NTDB id 269 KZH43 RS08665 WP 001085462.1  
 NTDB id 228 SPD RS09265 WP 001085462.1  
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 NTDB id 527 SMSK321 RS11065 WP 001085454.1  
 NTDB id 453 Spy49 1753c ACI62003.1  
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 NTDB id 115 BSU 16940 NP 389576.2  
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 NTDB id 41445 CULC22 RS06905 WP 013911720.1  
 NTDB id 1389 A4U84 RS07560 WP 021112712.1  
 NTDB id 1130 NGFG RS03960 WP 003688695.1  
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 consensus



non conserved  
 similar  
 ≥ 50% conserved