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| NTDB id 600 KW2 RS01765 WP 011675413.1        | I V E I Y G P E S S G K T T V A L H A V A A V Q K E G G I A A F I D A E N A L D P E Y A K A L G V N I D E L L S Q P D Y G E Q G L Q I A E K L I T S G A V D I   | 154 |
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| NTDB id 228 SPD RS09265 WP 001085462.1        | I I E I Y G P E S S G K T T V A L H A V A A Q A Q K E G G I A A F I D A E H A L D P A Y A A A L G V N I D E L L S Q P D S G E Q G L E I A G K L I D S G A V D L | 153 |
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| NTDB id 159 SP RS09750 WP 001085462.1         | I I E I Y G P E S S G K T T V A L H A V A A Q A Q K E G G I A A F I D A E H A L D P A Y A A A L G V N I D E L L S Q P D S G E Q G L E I A G K L I D S G A V D L | 153 |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1    | I I E I Y G P E S S G K T T V A L H A V A A Q A Q K E G G I A A F I D A E H A L D P A Y A A A L G V N I D E L L S Q P D S G E Q G L E I A G K L I D S G A V D L | 153 |
| NTDB id 499 SM12261 RS08315 WP 078228268.1    | I I E I Y G P E S S G K T T V A L H A V A A Q A Q K E G G I A A F I D A E H A L D P A Y A A A L G V N I D E L L S Q P D S G E Q G L E I A G K L I D S G A V D L | 153 |
| NTDB id 408 SMU RS09530 WP 002262392.1        | I V E I Y G P E S S G K T T V A L H A V A A Q A Q K D G G I A A F I D A E H A L D P A Y A A A L G V N I D E L L S Q P D S G E Q G L E I A G K L I D S G A V D L | 153 |
| NTDB id 453 Spy49 1753c ACI62003.1            | I I E I Y G P E S S G K T T V A L H A V A A Q A Q K E G G I A A F I D A E H A L D P A Y A A A L G V N I D E L L A Q P D S G E Q G L E I A G K L I D S G A V D L | 153 |
| NTDB id 115 BSU 16940 NP 389576.2             | I I E V Y G P E S S G K T T V A L H A I A E V Q Q Q G G Q A A F I D A E H A L D P V Y A Q K L G V N I E E L L S Q P D T G E Q A L E I A E A L V R S G A V D I   | 138 |
| NTDB id 625 LCA RS02525 WP 011374196.1        | I V E I Y G P E S S G K T T V A L H A V A E V Q K Q G G T A A Y I D A E N A M D P K Y A T A L G V N I D D L L S Q P D T G E Q G L E I A D A L V S S G A V D I   | 140 |
| NTDB id 1313 DR RS12030 WP 010888966.1        | I T E I Y G P E S G K T T L A L A I V A Q A Q K A G G T C A F I D A E H A L D P V Y A R A L G V N T D E L L V S Q P D N G E Q A L E I M E L L V R S G A I D V   | 152 |
| NTDB id 1245 Cj1673c YP 002345041.1           | I I E I Y G P E S S G K T T L T L H I I A E C Q K A G G V C A F I D A E H A L D V K Y A K N L G V N T D D L Y V S Q P D F G E Q A L E I V E T I A R S G A V D L | 139 |
| NTDB id 1211 C694 RS00795 WP 000963128.1      | I I E I Y G P E S S G K T T L S L H I I A E C Q K N G G V C A F I D A E H A L D V H Y A K R L G V D T E N L L V S Q P D T G E Q A L E I L E T I T R S G G I D L | 141 |
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| NTDB id 1124 NGFG RS03960 WP 003688695.1      | I V E I F G P E S S G K T T L C L E A V A Q C Q K N G G V C A F V D A E H A F D P V Y A R K L G V K V E E L Y L S Q P D T G E Q A L E I C D T L V R S G G I D M | 140 |
| NTDB id 1123 OK783 RS03845 WP 003688695.1     | I V E I F G P E S S G K T T L C L E A V A Q C Q K N G G V C A F V D A E H A F D P V Y A R K L G V K V E E L Y L S Q P D T G E Q A L E I C D T L V R S G G I D M | 140 |
| NTDB id 1427 RS RS02760 WP 011000510.1        | V V E I Y G P E S S G K T T L T L Q V V A E M Q K L G G T C A F I D A E H A L D V T Y A D K L G V K V P D L L I S Q P D T G E Q A L E I A D A L V R S G S V D L | 148 |
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| NTDB id 1165 A1552VC RS01565 WP 000344154.1   | I V E I F G P E S S G K T T L T L E L I A A A Q R E G K T C A F I D A E H A L D P V Y A K K L G V N I D E L L V S Q P D T G E Q A L E I C D A L A R S G A V D V | 139 |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1     | I V E I F G P E S S G K T T L T L E L I A A A Q R E G K T C A F I D A E H A L D P V Y A K K L G V N I D E L L V S Q P D T G E Q A L E I C D A L A R S G A V D V | 139 |
| NTDB id 1022 ACIAD RS06390 WP 004925639.1     | I V E I Y G P E S S G K T T M T L Q A I A Q C Q K A G G T C A F I D A E H A L D P Q Y A R K L G V D I D N L L V S Q P D H G E Q A L E I A D M L V R S G A I D L | 139 |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1      | I I E I Y G P E S S G K T T M T L Q A I A Q C Q K S G G T C A F I D A E H A L D P Q Y A R K L G V D I D N L L V S Q P D N G E Q A L E I A D M L V R S G A I D L | 139 |
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| consensus                                     | **!*!!!!!!*!!!!* ! **! !* ** !*!!!!!!*!! !!*!!!!*!!!!*!!!!*!!* *!!!!*!!!!*  |     |

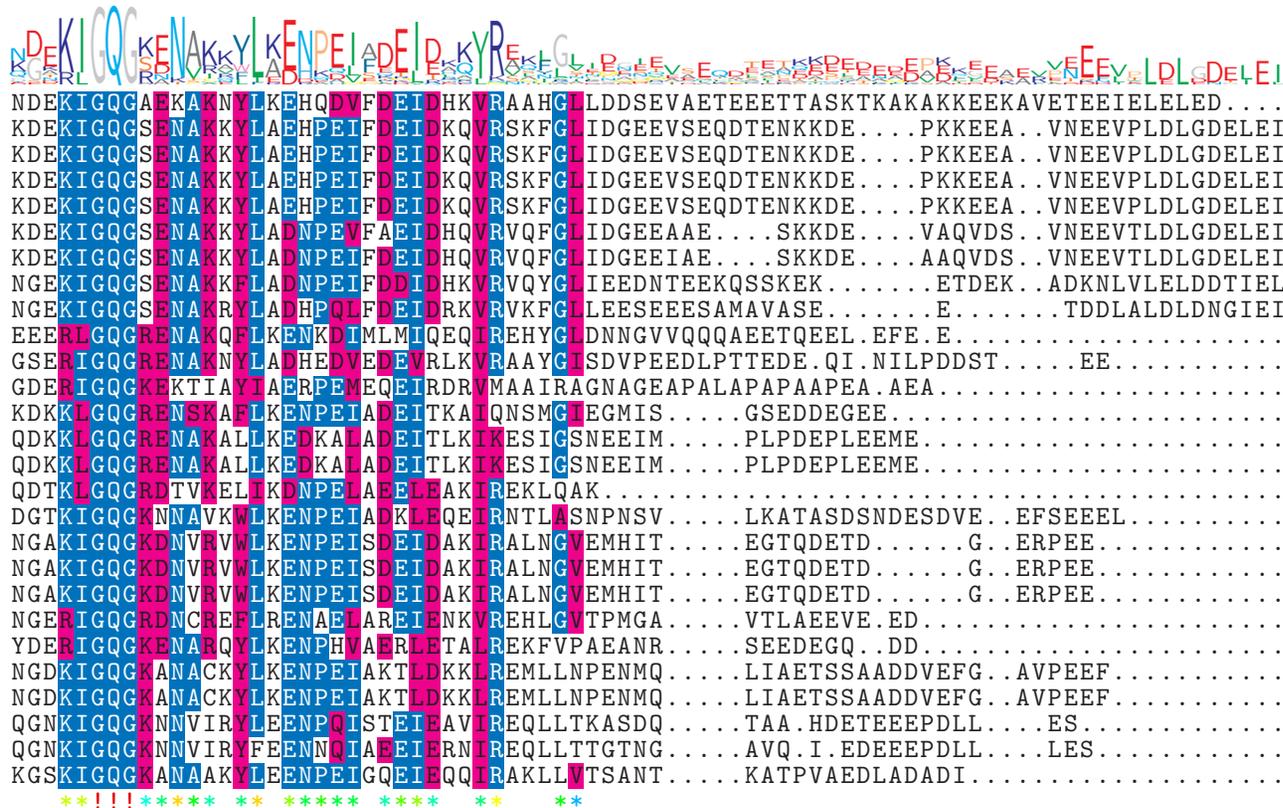




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consensus

non conserved  
 similar  
 ≥ 50% conserved