

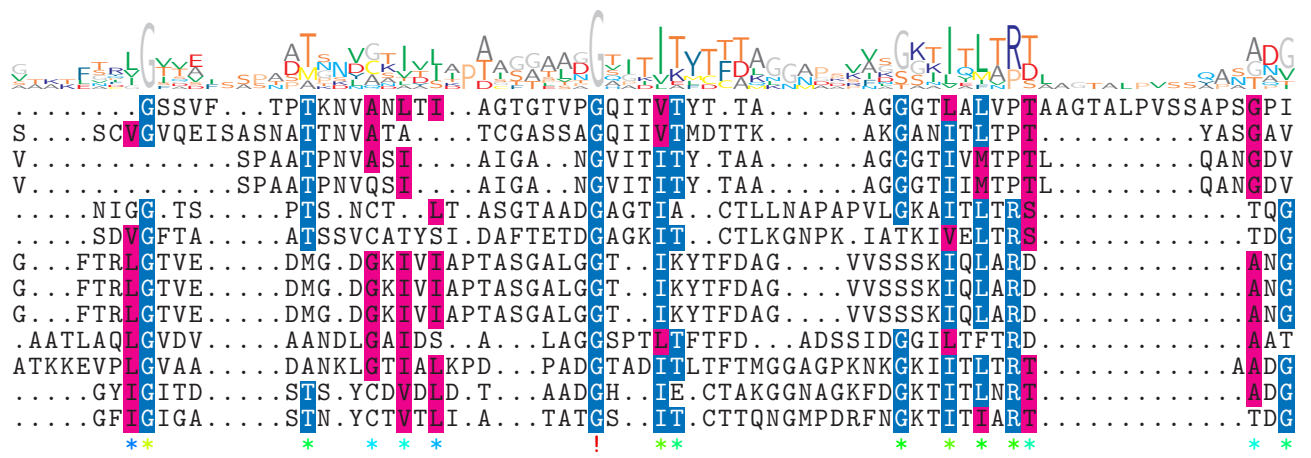
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|   |              |   |    |
|---|--------------|---|----|
| NTDB id 1424 RS RS02795 WP 011000517.1      | MKSMRHLNKR   | V | 74 |
| NTDB id 1002 ACIAD RS15100 WP 004923779.1   | .....MNA     | V | 72 |
| NTDB id 1274 LPP RS09530 WP 011214168.1     | .....MR      | V | 71 |
| NTDB id 1258 GC085 RS09745 WP 014844212.1   | .....MR      | V | 71 |
| NTDB id 40275 PSEBR RS25775 WP 013694230.1  | .....MNK     | V | 66 |
| NTDB id 1038 HON27 RS01510 WP 000993725.1   | .....MNA     | V | 66 |
| NTDB id 1184 GTF74 RS02335 WP 000649326.1   | ...MKAYKNKQ  | V | 77 |
| NTDB id 1167 A1552VC RS11065 WP 000649326.1 | ...MKAYKNKQ  | V | 77 |
| NTDB id 1160 ABDM36 RS02330 WP 000649326.1  | ...MKAYKNKQ  | V | 77 |
| NTDB id 1292 VP RS12235 WP 005479693.1      | ...MKHKSQKK  | V | 69 |
| NTDB id 1192 PAKAF RS23870 WP 024947914.1   | .....MKA     | V | 71 |
| NTDB id 1197 PSJM300 03940 AFN76866.1       | .....MKAQM   | V | 72 |
| NTDB id 1204 PSJM300 03935 AFN76865.1       | ....MKPVKSSC | V | 74 |
| consensus                                   |              | V |    |



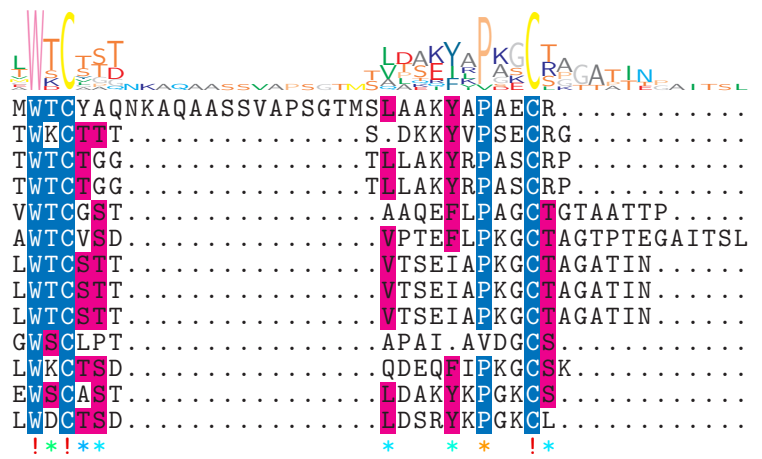
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|   |                 |   |     |
|---|-----------------|---|-----|
| NTDB id 1424 RS RS02795 WP 011000517.1      | .....GSSVF...TP | T | 134 |
| NTDB id 1002 ACIAD RS15100 WP 004923779.1   | S....SCV        | T | 128 |
| NTDB id 1274 LPP RS09530 WP 011214168.1     | V.....SPAAT     | T | 116 |
| NTDB id 1258 GC085 RS09745 WP 014844212.1   | V.....SPAAT     | T | 116 |
| NTDB id 40275 PSEBR RS25775 WP 013694230.1  | ....NIGG.TS.... | T | 116 |
| NTDB id 1038 HON27 RS01510 WP 000993725.1   | ....SDV         | T | 119 |
| NTDB id 1184 GTF74 RS02335 WP 000649326.1   | G...FTRL        | T | 129 |
| NTDB id 1167 A1552VC RS11065 WP 000649326.1 | G...FTRL        | T | 129 |
| NTDB id 1160 ABDM36 RS02330 WP 000649326.1  | G...FTRL        | T | 129 |
| NTDB id 1292 VP RS12235 WP 005479693.1      | .AATLAQL        | T | 122 |
| NTDB id 1192 PAKAF RS23870 WP 024947914.1   | ATKKEVPL        | T | 131 |
| NTDB id 1197 PSJM300 03940 AFN76866.1       | ....GYI         | T | 121 |
| NTDB id 1204 PSJM300 03935 AFN76865.1       | ....GFI         | T | 123 |
| consensus                                   |                 | T |     |



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|   |                         |   |     |
|---|-------------------------|---|-----|
| NTDB id 1424 RS RS02795 WP 011000517.1      | MWTCYAQNKAQAASSVAPSGTMS | L | 168 |
| NTDB id 1002 ACIAD RS15100 WP 004923779.1   | TWKCTIT                 | L | 147 |
| NTDB id 1274 LPP RS09530 WP 011214168.1     | TWTCITGG.....           | L | 136 |
| NTDB id 1258 GC085 RS09745 WP 014844212.1   | TWTCITGG.....           | L | 136 |
| NTDB id 40275 PSEBR RS25775 WP 013694230.1  | VWTCGST.....            | L | 141 |
| NTDB id 1038 HON27 RS01510 WP 000993725.1   | AWTCVSD.....            | L | 149 |
| NTDB id 1184 GTF74 RS02335 WP 000649326.1   | LWTCSTIT.....           | L | 153 |
| NTDB id 1167 A1552VC RS11065 WP 000649326.1 | LWTCSTIT.....           | L | 153 |
| NTDB id 1160 ABDM36 RS02330 WP 000649326.1  | LWTCSTIT.....           | L | 153 |
| NTDB id 1292 VP RS12235 WP 005479693.1      | GWSCSLPT.....           | L | 139 |
| NTDB id 1192 PAKAF RS23870 WP 024947914.1   | LWKCTSD.....            | L | 150 |
| NTDB id 1197 PSJM300 03940 AFN76866.1       | EWSCAST.....            | L | 139 |
| NTDB id 1204 PSJM300 03935 AFN76865.1       | LWDCSTSD.....           | L | 141 |
| consensus                                   |                         | L |     |



 non conserved  
 similar  
  $\geq 50\%$  conserved