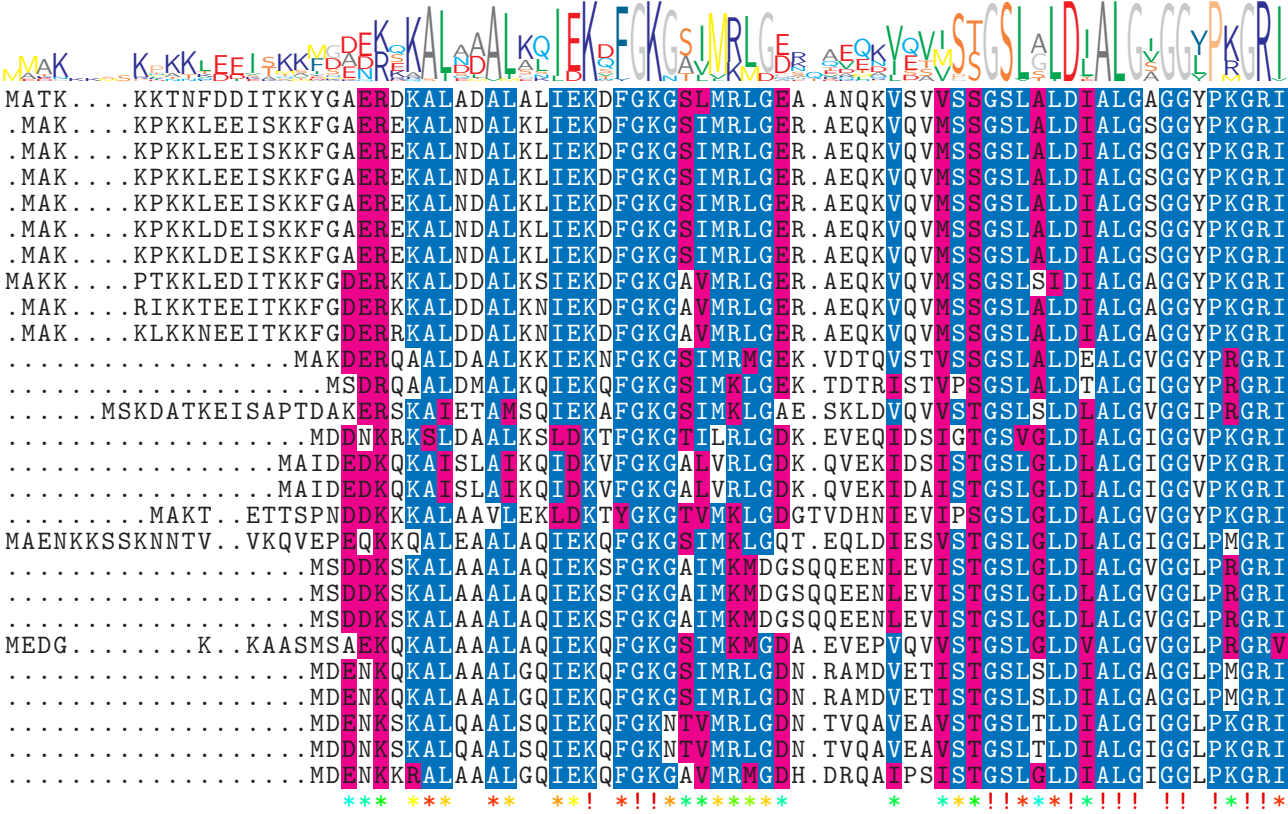


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NTDB id 1142 GTF74 RS11550 WP 000344154.1  
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NTDB id 1022 ACIAD RS06390 WP 004925639.1  
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consensus



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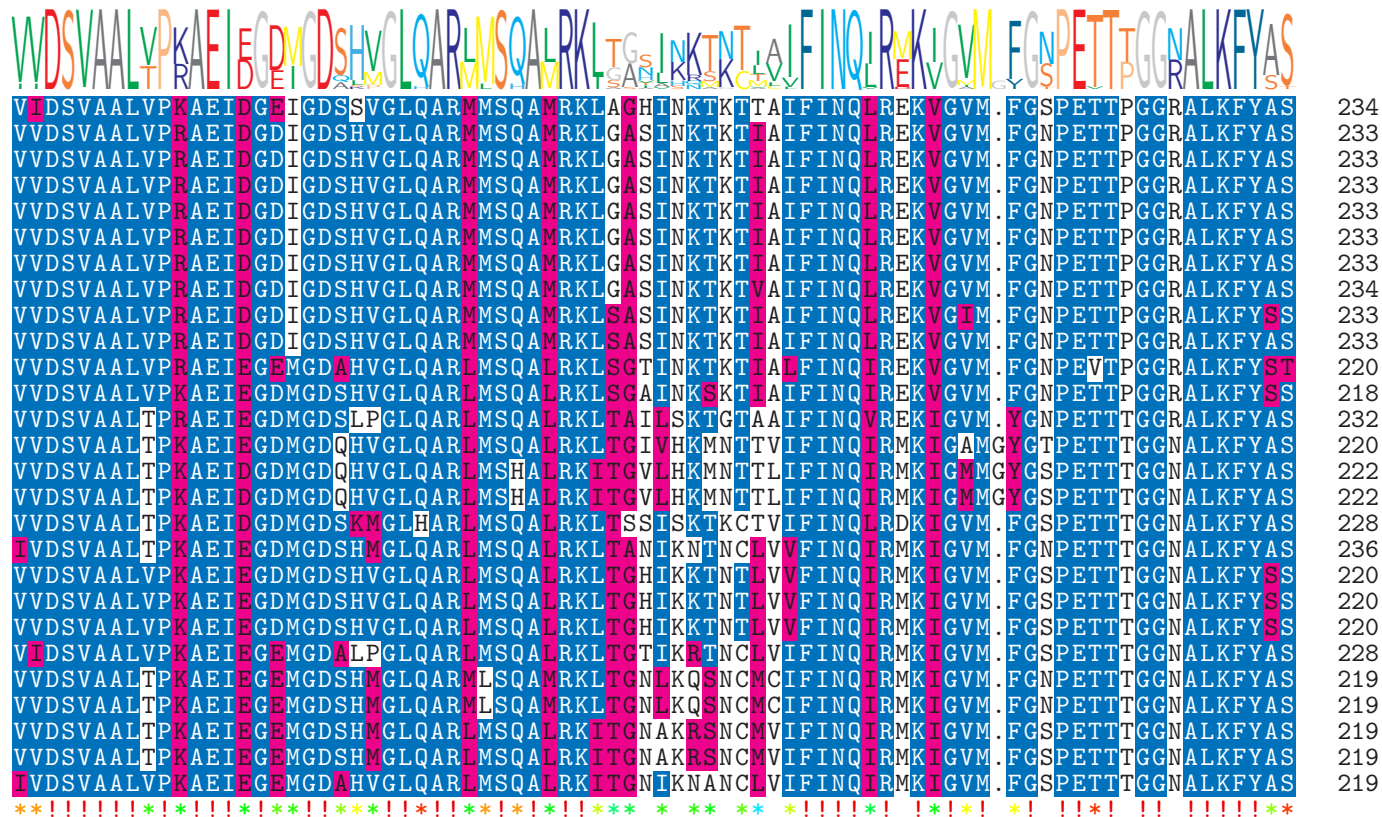
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| NTDB id 194 SPR RS08825 WP 001085462.1       | IEIYGPESSGKTTVALHAVA                                 | AQAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLISQPDSEGEQGLEIAGKLIDSGAVD | LV      | 154          |    |                         |         |          |
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| NTDB id 499 SM12261 RS08315 WP 078228268.1   | IEIYGPESSGKTTVALHAVA                                 | AQAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLISQPDSEGEQGLEIAGKLIDSGAVD | LV      | 154          |    |                         |         |          |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1   | IEIYGPESSGKTTVALHAVA                                 | AQAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLISQPDSEGEQGLEIAGKLIDSGAVD | LV      | 154          |    |                         |         |          |
| NTDB id 1155389 QNH78 RS00375 WP 023369045.1 | IEIYGPESSGKTTVALHAVA                                 | AQAQKDGCIAAFIDAEEHALDPAYAAALGVMIDELLISQPDSEGEQGLEIAGKLIDSGAVD | LV      | 155          |    |                         |         |          |
| NTDB id 408 SMU RS09530 WP 002262392.1       | VEIYGPESSGKTTVALHAVA                                 | AQAQKDGCIAAFIDAEEHALDPAYAAALGVMIDELLISQPDSEGEQGLEIAGKLIDSGAVD | LV      | 154          |    |                         |         |          |
| NTDB id 453 Spy49 1753c ACI62003.1           | IEIYGPESSGKTTVALHAVA                                 | AQAQKEGGIAAFIDAEEHALDPAYAAALGVMIDELLISQPDSEGEQGLEIAGKLIDSGAVD | LV      | 154          |    |                         |         |          |
| NTDB id 625 LCA RS02525 WP 011374196.1       | VEIYGPESSGKTTVALHAVA                                 | AEVQKQGCTAAVYIDAENAMDPKYATALGVMIDELLISQPDTEGEQGLEIADALVSSGAVD | IL      | 141          |    |                         |         |          |
| NTDB id 115 BSU 16940 NP 389576.2            | IEIYGPESSGKTTVALHAVA                                 | AEVQKQGGCAAFIDAEEHALDPVYAQKLGVMIDELLISQPDTEGEQALEIAEALVRSGAVD | IV      | 139          |    |                         |         |          |
| NTDB id 1313 DR RS12030 WP 010888966.1       | TEIYGPESSGKTTVALHAVA                                 | AQAQKAGGTCAFIDAEEHALDPVYARALGVMIDELLISQPDNGEQALEIEMELLVRSGA   | IDV     | 153          |    |                         |         |          |
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| NTDB id 1211 C694 RS00795 WP 000963128.1     | IEIYGPESSGKTTLSLHIIIAECQKNGCVCAFIDAEEHALDVHYAKRLGVD  | TENLLV SQPDTEGEQALEILETITRSGGID                               | LV      | 142          |    |                         |         |          |
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| NTDB id 1389 A4U84 RS07560 WP 021112712.1    | VEIYGPESSGKTTTLSLIIAQAQKGNKTCFIDAEEHALDPVYARNLGVM    | IDELLISQPDNGEQALEICDALVRSGAVD                                 | VI      | 157          |    |                         |         |          |
| NTDB id 1130 NGFG RS03960 WP 003688695.1     | VEIFGPRESSGKTTLCLEAVAQCQKNGGVCAFVDAEEHAFDPVYARKLGVK  | VEELYLSQPDTEGEQALEICDTLVRSGGID                                | MV      | 141          |    |                         |         |          |
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| NTDB id 1427 RS RS02760 WP 011000510.1       | VEIYGPESSGKTTTLQVVAEMQKLGCTCAFIDAEEHALDVTYADKLGVK    | VDPDLLSQPDTEGEQALEIADALVRSGSVD                                | LI      | 149          |    |                         |         |          |
| NTDB id 1165 A1552VC RS01565 WP 000344154.1  | VEIFGPRESSGKTTTLLELIAAAQREBKTCFIDAEEHALDPVYAKKLGVM   | IDELLV SQPDTEGEQALEICDALARSGAVD                               | VI      | 140          |    |                         |         |          |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1    | VEIFGPRESSGKTTTLLELIAAAQREBKTCFIDAEEHALDPVYAKKLGVM   | IDELLV SQPDTEGEQALEICDALARSGAVD                               | VI      | 140          |    |                         |         |          |
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| NTDB id 1205 PSJM300 05545 AFN77183.1        | VEIYGPESSGKTTTLTSLVIAAAQRMGSTCAFVDAEEHALDPDYAGKLGVM  | VDDLLV SQPDTEGEQALEITDMLVR                                    | SNAVDVI | 140          |    |                         |         |          |
| consensus                                    | *!*!!!!*!!!!*!                                       | ***!                                                          | !* **   | !*!!!!*!* *! | !! | !!*!!!!*!*!!!!*!!!!*!*! | * * * * | !*!!!!*! |

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NTDB id 600 KW2 RS01765 WP 011675413.1
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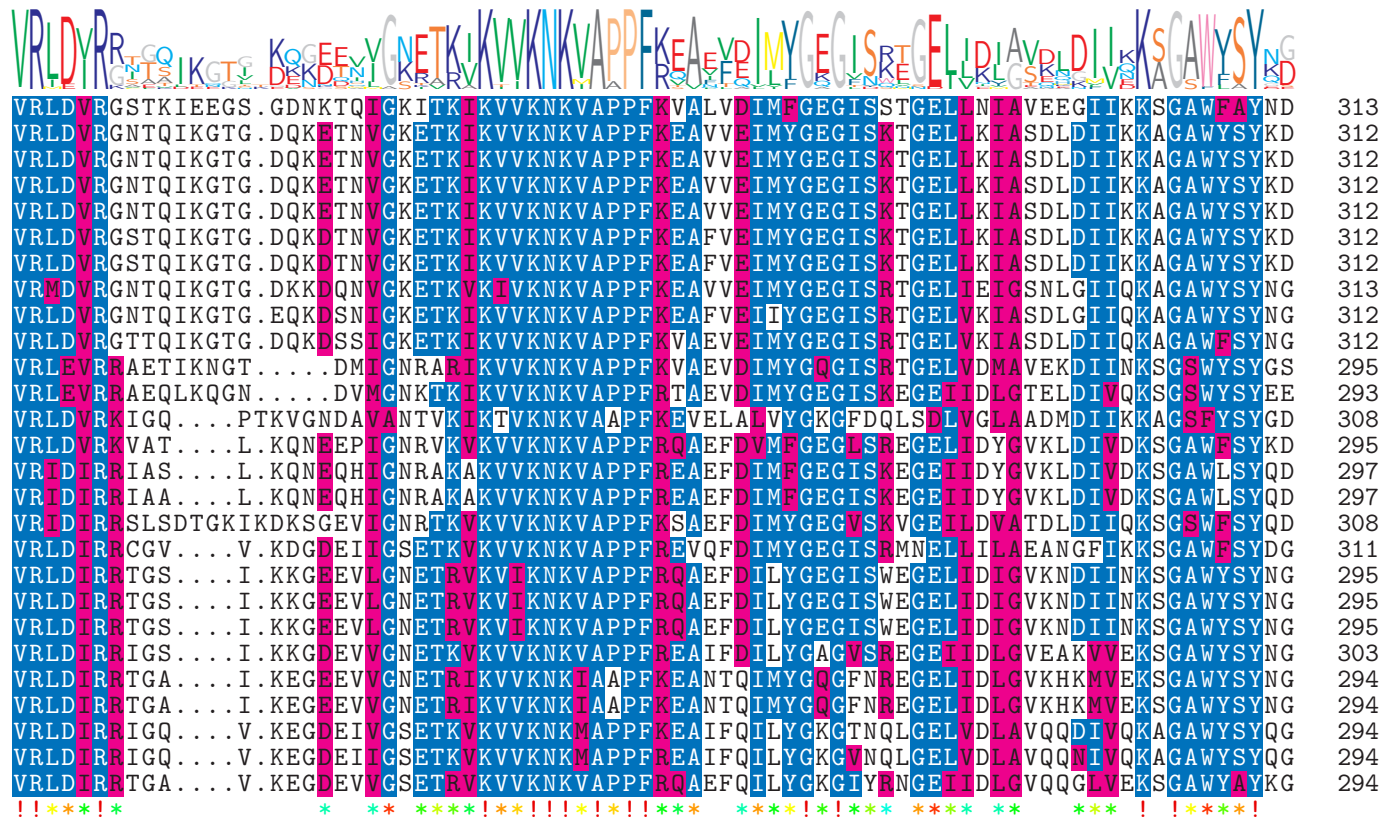
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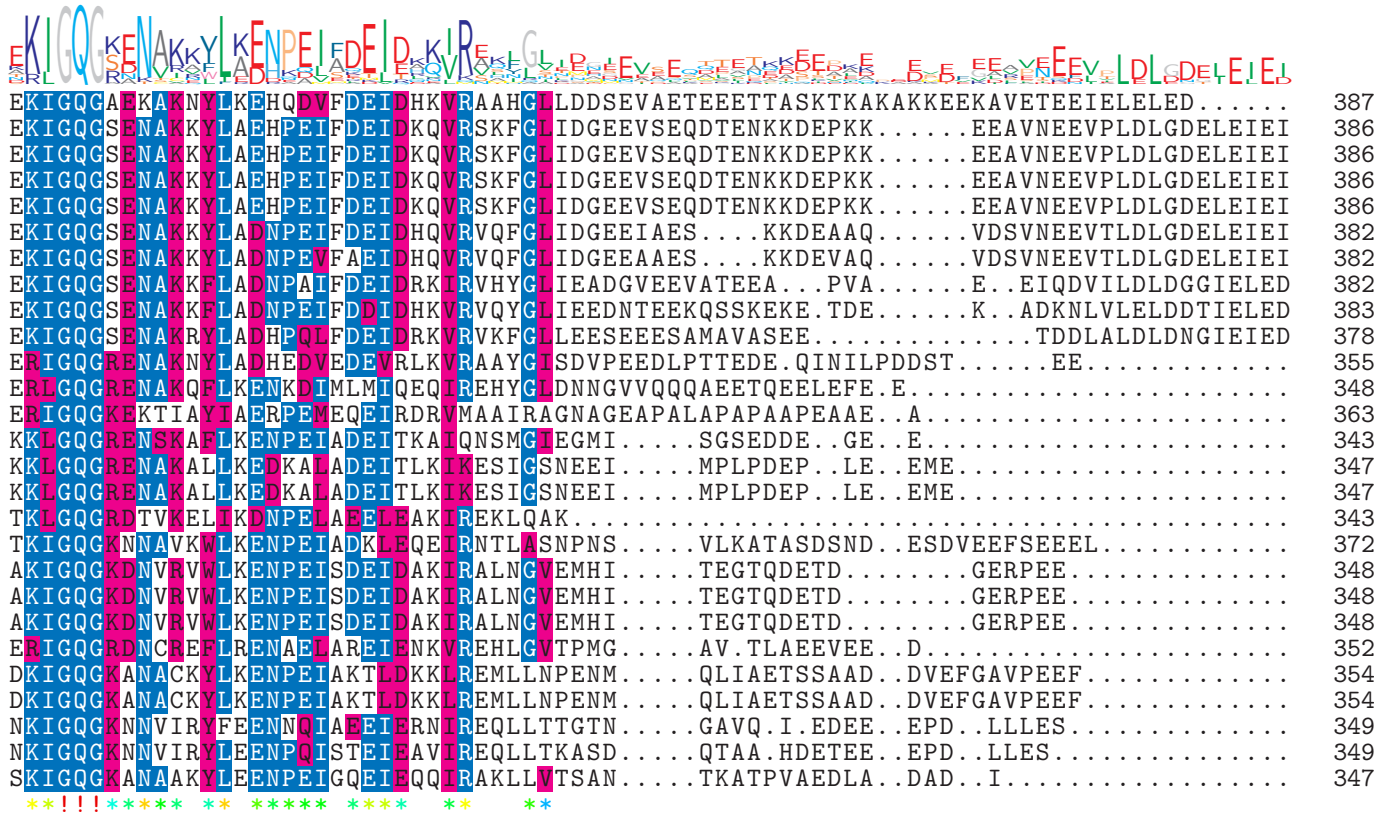
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| consensus                                    |    |     |  |

-  non conserved
-  similar
-  ≥ 50% conserved