

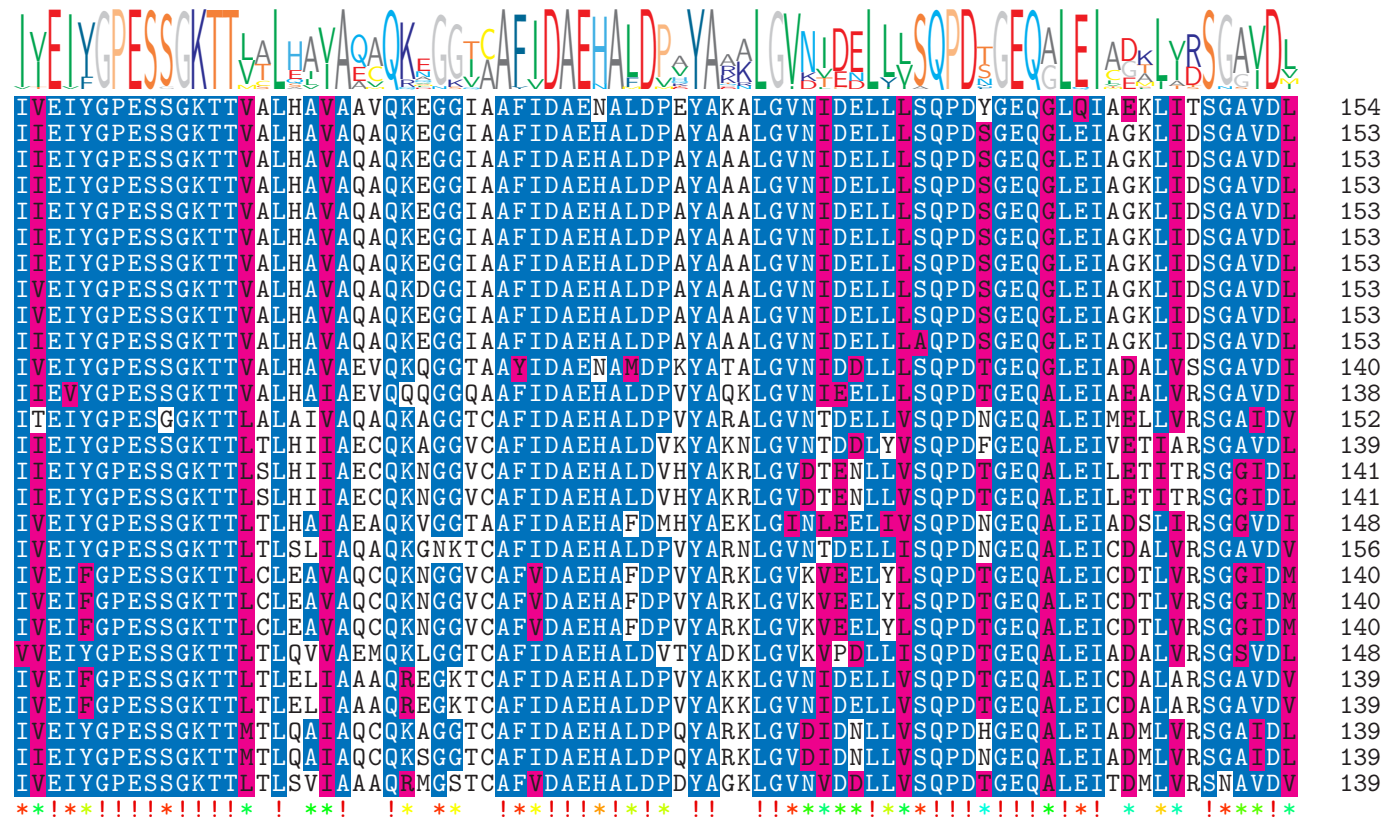
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| NTDB id 269 KZH43 RS08665 WP 001085462.1    | .MAKK.....PKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALD | 73 |
| NTDB id 228 SPD RS09265 WP 001085462.1      | .MAKK.....PKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALD | 73 |
| NTDB id 194 SPR RS08825 WP 001085462.1      | .MAKK.....PKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALD | 73 |
| NTDB id 159 SP RS09750 WP 001085462.1       | .MAKK.....PKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALD | 73 |
| NTDB id 499 SM12261 RS08315 WP 078228268.1  | .MAKK.....PKKLDEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALD | 73 |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1  | .MAKK.....PKKLDEISKKFGAEREKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALD | 73 |
| NTDB id 408 SMU RS09530 WP 002262392.1      | .MAKR.....IKKTEEITKKFGDERKKALDDALKNIEKD FGKGAVMRLGER.AEQKVQVMSSGSLALD | 73 |
| NTDB id 387682 FOB77 RS04680 WP 001085741.1 | .MAKK.....TKKAEEITKKFGDERRKALDDALKNIEKD FGKGAVMRLGER.AEQKVQVMSSGSLALD | 73 |
| NTDB id 453 Spy49 1753c ACI62003.1          | .MAKK.....LKKNEEITKKFGDERRKALDDALKNIEKD FGKGAVMRLGER.AEQKVQVMSSGSLALD | 73 |
| NTDB id 625 LCA RS02525 WP 011374196.1      | .....MAKDERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYP       | 60 |
| NTDB id 115 BSU 16940 NP 389576.2           | .....MSDRQAALDMALKQIEKQFGKGSIMKLGAE.TDTRISTVPSGSLALDTALGIGGYP         | 58 |
| NTDB id 1313 DR RS12030 WP 010888966.1      | .....MSKDATKEISAPTDAKERSKATETAMSQIEKAFGKGSIMKLGAE.SKLDVQVVSTGSLSLD    | 72 |
| NTDB id 1245 Cj1673c YP 002345041.1         | .....MDNKRKSLDAALKSLDKTFGKGTILRLGDK.EVEQIDSIGTGSVGLDLALGIGGV          | 59 |
| NTDB id 1214 NCTC11637 00359 SQJ03206.1     | .....MAIDEDKQKATISLAIKQIDKVFVGKALVRLGDK.QVEKIDISTGSLGLDLALGIGGV       | 61 |
| NTDB id 1211 C694 RS00795 WP 000963128.1    | .....MAIDEDKQKATISLAIKQIDKVFVGKALVRLGDK.QVEKIDISTGSLGLDLALGIGGV       | 61 |
| NTDB id 1334 RAOC RS04870 WP 004918236.1    | .....MAKT..ETTSNDDKKKALAAVLEKLDKTYGKGTVMKLGDTVDHNIIEVIPS              | 68 |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1   | .MAENKKSSKNNTV..VKQVEPEQKKQALEAALAQIEKQFGKGSIMKLGQT.EQLDIESVSTGSLGLDL | 76 |
| NTDB id 1130 NGFG RS03960 WP 003688695.1    | .....MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGL        | 60 |
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| NTDB id 1427 RS RS02760 WP 011000510.1      | .MEDG.....K..KAASMSAEKQKALAAALAQIEKQFGKGSIMKMGDA.EVEPVQVVSTGSLGLD     | 68 |
| NTDB id 1165 A1552VC RS01565 WP 000344154.1 | .....MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDIALGAGGL         | 59 |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1   | .....MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDIALGAGGL         | 59 |
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| NTDB id 1074 ABD1 RS10195 WP 000344167.1    | .....MDENKSKALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDIALGIGGL         | 59 |
| NTDB id 1205 PSJM300 05545 AFN77183.1       | .....MDENKKRALAAALGQIEKQFGKGAVMRMGDH.DRQAIPSTGSLGLDIALGIGGL           | 59 |
| consensus                                   | *** **                                                                |    |

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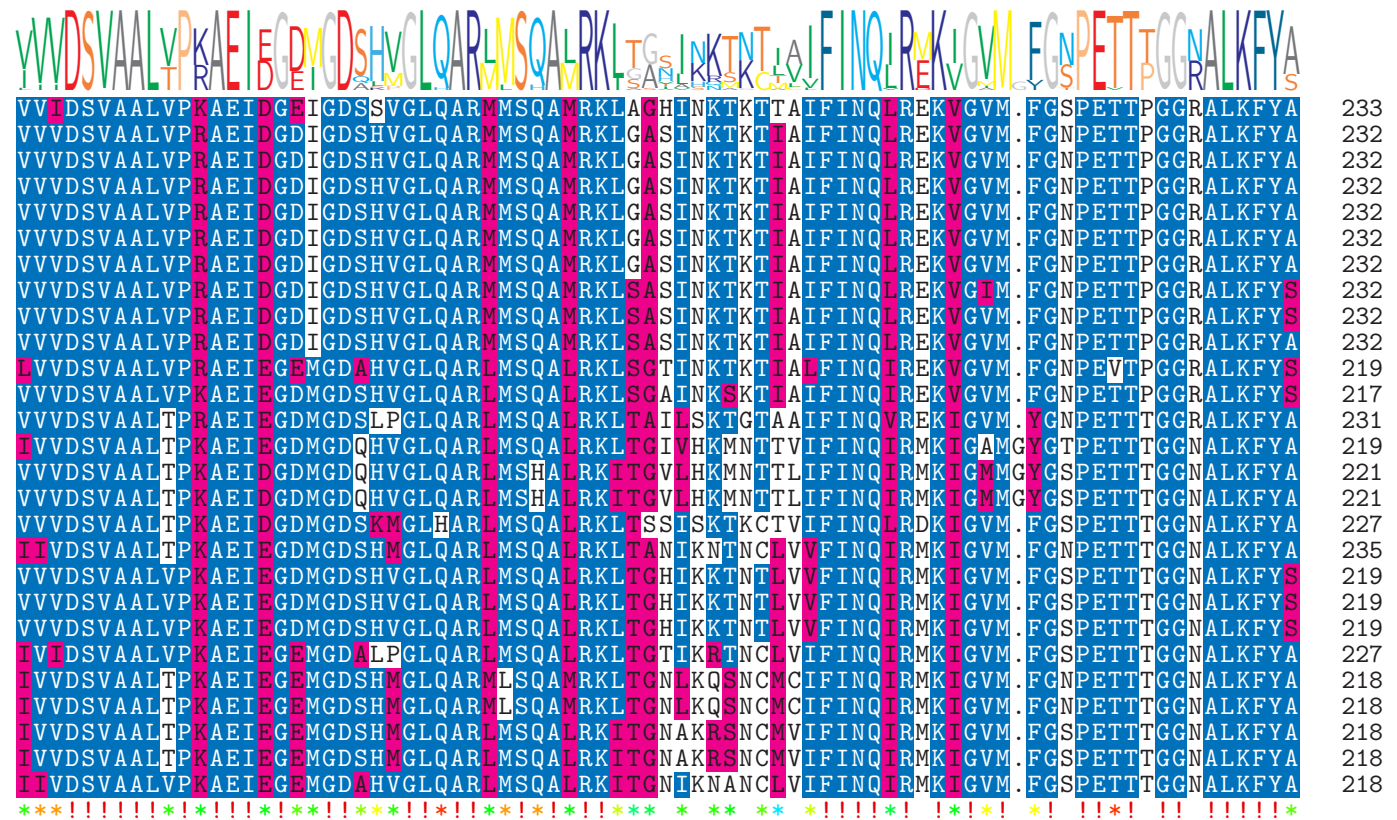
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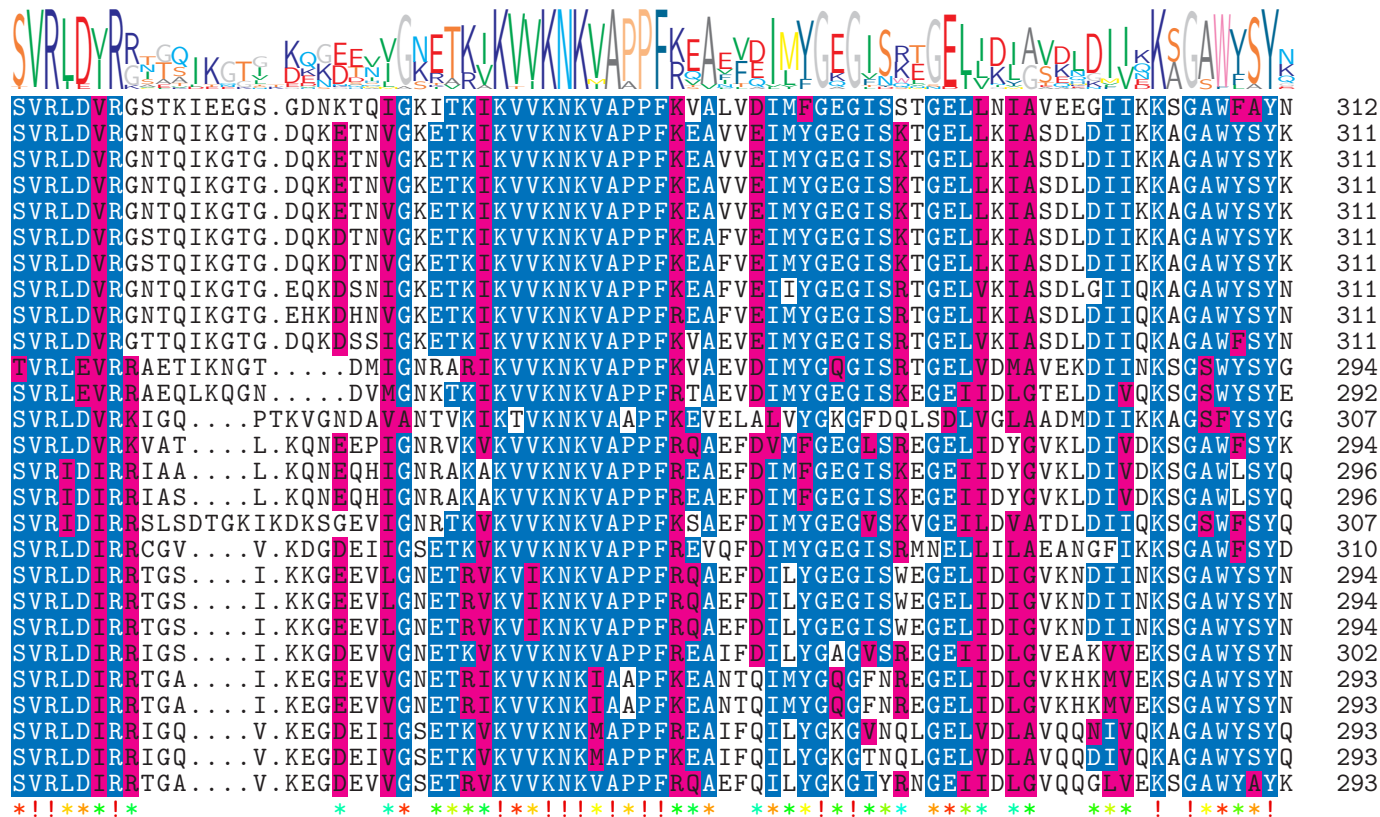
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consensus

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logo

|                                             |     |     |  |
|---------------------------------------------|-----|-----|--|
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| consensus                                   |     |     |  |

-  non conserved
-  similar
-  ≥ 50% conserved