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|                |                                |      |    |
|----------------|--------------------------------|------|----|
| NTDB id 1029   | TT RS02230 WP 011228203.1      | MAKK | 65 |
| NTDB id 1169   | A1552VC RS11075 WP 000648511.1 | MAKK | 68 |
| NTDB id 1402   | DSB67 RS12670 WP 010643257.1   | MAKK | 67 |
| NTDB id 1112   | NGFG RS09215 WP 003689811.1    | MAKK | 70 |
| NTDB id 1113   | AAA85695.1 219..1451( )        | MAKK | 70 |
| NTDB id 1252   | GC085 RS07730 WP 011213805.1   | MAKK | 67 |
| NTDB id 1198   | PSJM300 03950 AFN76868.1       | MAKK | 66 |
| NTDB id 1016   | ACIAD RS01680 WP 004920476.1   | MAKK | 69 |
| NTDB id 335685 | EQ842 RS17230 WP 000279216.1   | MAKK | 69 |
| NTDB id 1059   | ABD1 RS01610 WP 000279215.1    | MAKK | 69 |
| consensus      |                                | MAKK |    |

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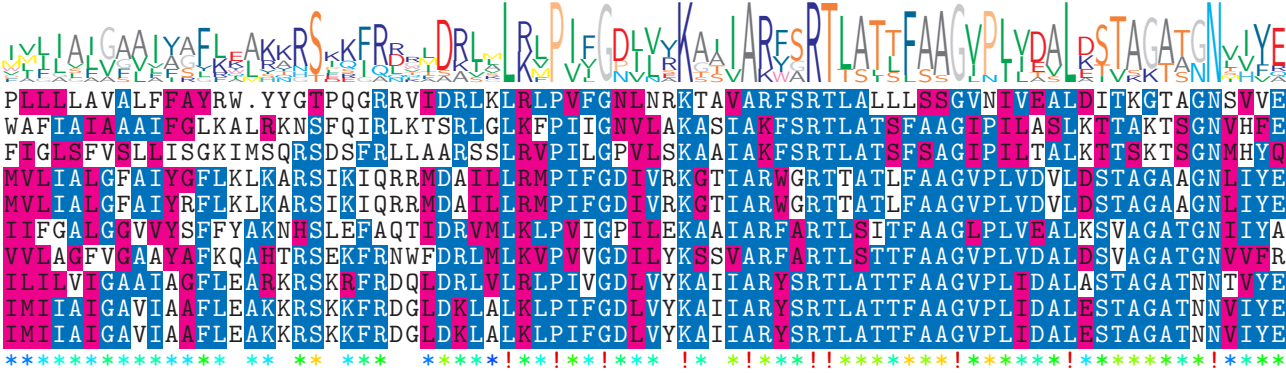
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| NTDB id 1029   | TT RS02230 WP 011228203.1      | DITIFTRQLATM | 144 |
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| NTDB id 1402   | DSB67 RS12670 WP 010643257.1   | DITIFTRQLATM | 147 |
| NTDB id 1112   | NGFG RS09215 WP 003689811.1    | DITIFTRQLATM | 150 |
| NTDB id 1113   | AAA85695.1 219..1451( )        | DITIFTRQLATM | 150 |
| NTDB id 1252   | GC085 RS07730 WP 011213805.1   | DITIFTRQLATM | 147 |
| NTDB id 1198   | PSJM300 03950 AFN76868.1       | DITIFTRQLATM | 146 |
| NTDB id 1016   | ACIAD RS01680 WP 004920476.1   | DITIFTRQLATM | 149 |
| NTDB id 335685 | EQ842 RS17230 WP 000279216.1   | DITIFTRQLATM | 149 |
| NTDB id 1059   | ABD1 RS01610 WP 000279215.1    | DITIFTRQLATM | 149 |
| consensus      |                                | DITIFTRQLATM |     |

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| NTDB id 1029   | TT RS02230 WP 011228203.1      | ETMLDRVATYKEK | 224 |
| NTDB id 1169   | A1552VC RS11075 WP 000648511.1 | ETMLDRVATYKEK | 228 |
| NTDB id 1402   | DSB67 RS12670 WP 010643257.1   | ETMLDRVATYKEK | 227 |
| NTDB id 1112   | NGFG RS09215 WP 003689811.1    | ETMLDRVATYKEK | 230 |
| NTDB id 1113   | AAA85695.1 219..1451( )        | ETMLDRVATYKEK | 230 |
| NTDB id 1252   | GC085 RS07730 WP 011213805.1   | ETMLDRVATYKEK | 227 |
| NTDB id 1198   | PSJM300 03950 AFN76868.1       | ETMLDRVATYKEK | 226 |
| NTDB id 1016   | ACIAD RS01680 WP 004920476.1   | ETMLDRVATYKEK | 229 |
| NTDB id 335685 | EQ842 RS17230 WP 000279216.1   | ETMLDRVATYKEK | 229 |
| NTDB id 1059   | ABD1 RS01610 WP 000279215.1    | ETMLDRVATYKEK | 229 |
| consensus      |                                | ETMLDRVATYKEK |     |

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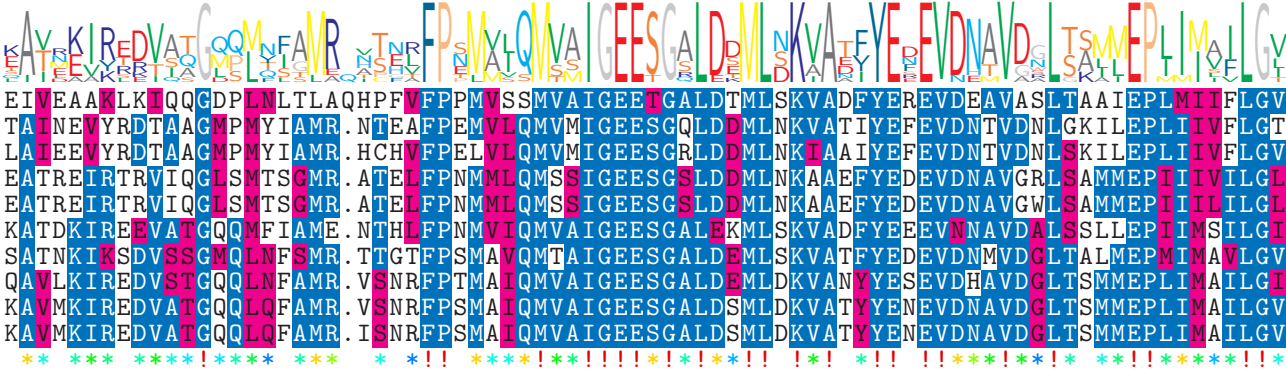
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| NTDB id   | 1113   | AAA85695.1 | 219..1451( ) |     |             |
| NTDB id   | 1252   | GC085      | RS07730      | WP  | 011213805.1 |
| NTDB id   | 1198   | PSJM300    | 03950        | AFN | 76868.1     |
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| NTDB id   | 1059   | ABD1       | RS01610      | WP  | 000279215.1 |
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| NTDB id   | 1059   | ABD1       | RS01610      | WP  | 000279215.1 |
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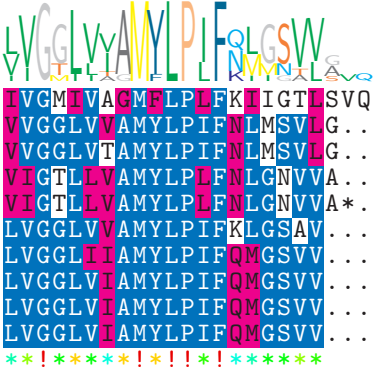


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| NTDB id   | 1059   | ABD1       | RS01610      | WP  | 000279215.1 |
| consensus |        |            |              |     |             |



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☒ non conserved  
☒ similar  
☒ ≥ 50% conserved