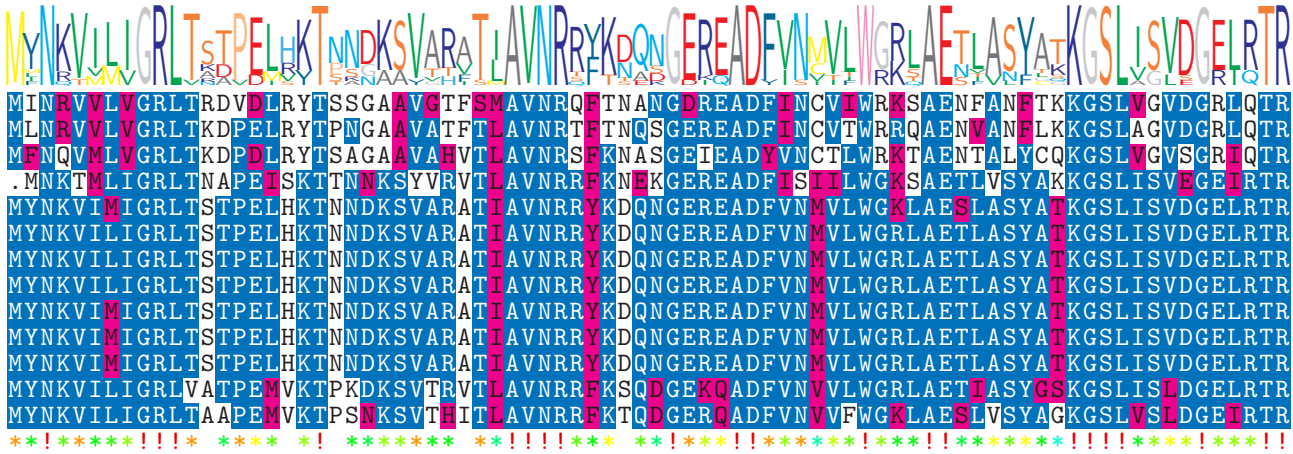


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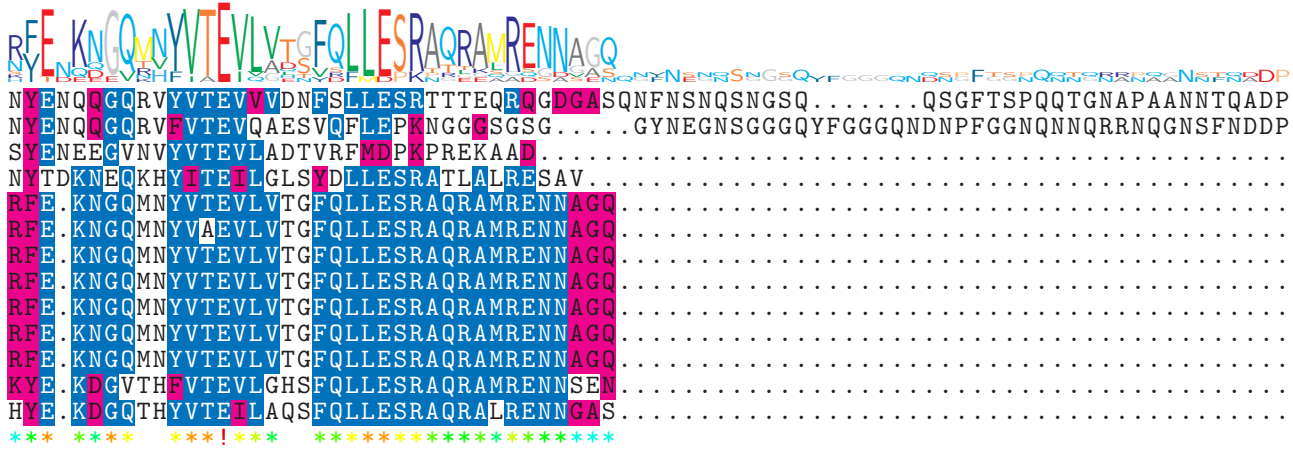
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| NTDB      | id | 624     | LCA     | RS00040 | WP | 011373726.1 |
| NTDB      | id | 113     | BSU     | 40900   | NP | 391970.1    |
| NTDB      | id | 112     | BSU     | 36310   | NP | 391512.2    |
| NTDB      | id | 597     | KW2     | RS01935 | WP | 021036727.1 |
| NTDB      | id | 498     | SM12261 | RS01980 | WP | 000282464.1 |
| NTDB      | id | 526     | SMSK321 | RS08825 | WP | 000282440.1 |
| NTDB      | id | 1170187 | ACLV7Z  | RS01810 | WP | 000282442.1 |
| NTDB      | id | 158     | SP      | RS09595 | WP | 000282442.1 |
| NTDB      | id | 268     | KZH43   | RS08520 | WP | 000282467.1 |
| NTDB      | id | 227     | SPD     | RS09110 | WP | 000282467.1 |
| NTDB      | id | 193     | SPR     | RS08685 | WP | 000282467.1 |
| NTDB      | id | 409     | SMU     | RS08940 | WP | 002263454.1 |
| NTDB      | id | 583     | DLJ51   | RS09560 | WP | 002962590.1 |
| consensus |    |         |         |         |    |             |



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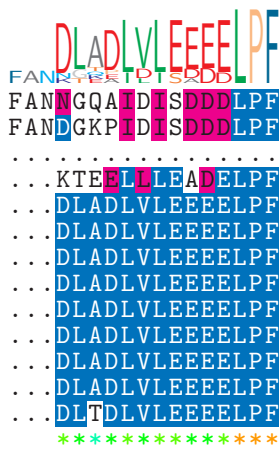
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| NTDB      | id | 113     | BSU     | 40900   | NP | 391970.1    |
| NTDB      | id | 112     | BSU     | 36310   | NP | 391512.2    |
| NTDB      | id | 597     | KW2     | RS01935 | WP | 021036727.1 |
| NTDB      | id | 498     | SM12261 | RS01980 | WP | 000282464.1 |
| NTDB      | id | 526     | SMSK321 | RS08825 | WP | 000282440.1 |
| NTDB      | id | 1170187 | ACLV7Z  | RS01810 | WP | 000282442.1 |
| NTDB      | id | 158     | SP      | RS09595 | WP | 000282442.1 |
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| NTDB      | id | 227     | SPD     | RS09110 | WP | 000282467.1 |
| NTDB      | id | 193     | SPR     | RS08685 | WP | 000282467.1 |
| NTDB      | id | 409     | SMU     | RS08940 | WP | 002263454.1 |
| NTDB      | id | 583     | DLJ51   | RS09560 | WP | 002962590.1 |
| consensus |    |         |         |         |    |             |



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| NTDB      | id | 624     | LCA     | RS00040 | WP | 011373726.1 |
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| NTDB      | id | 597     | KW2     | RS01935 | WP | 021036727.1 |
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| NTDB      | id | 526     | SMSK321 | RS08825 | WP | 000282440.1 |
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| consensus |    |         |         |         |    |             |



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 non conserved  
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  $\geq 50\%$  conserved