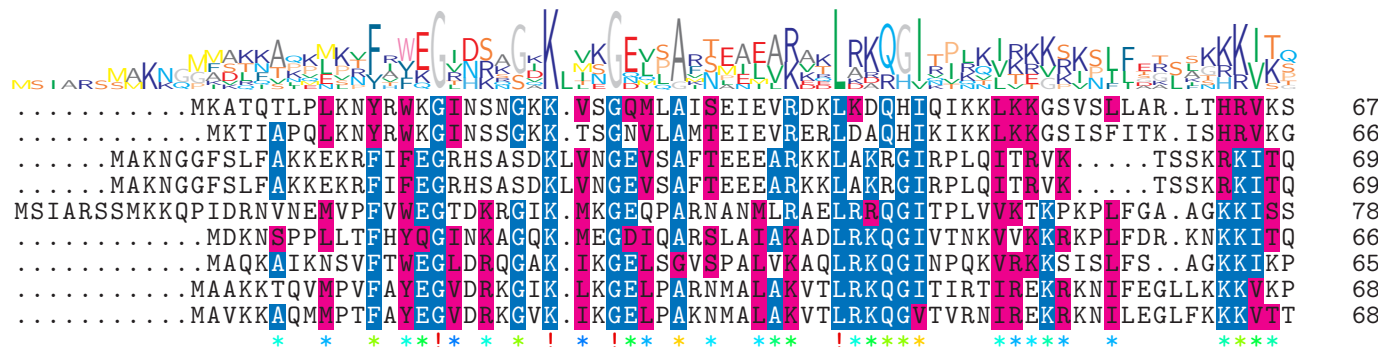


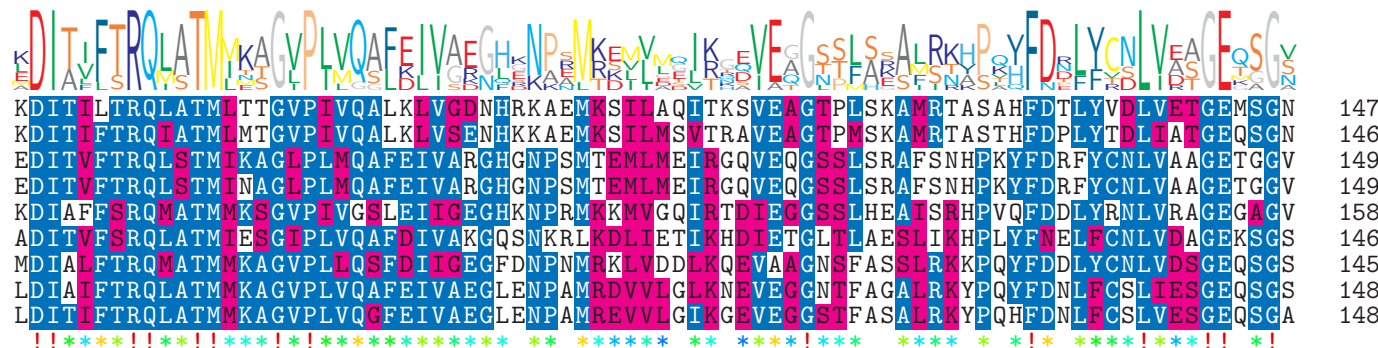
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consensus



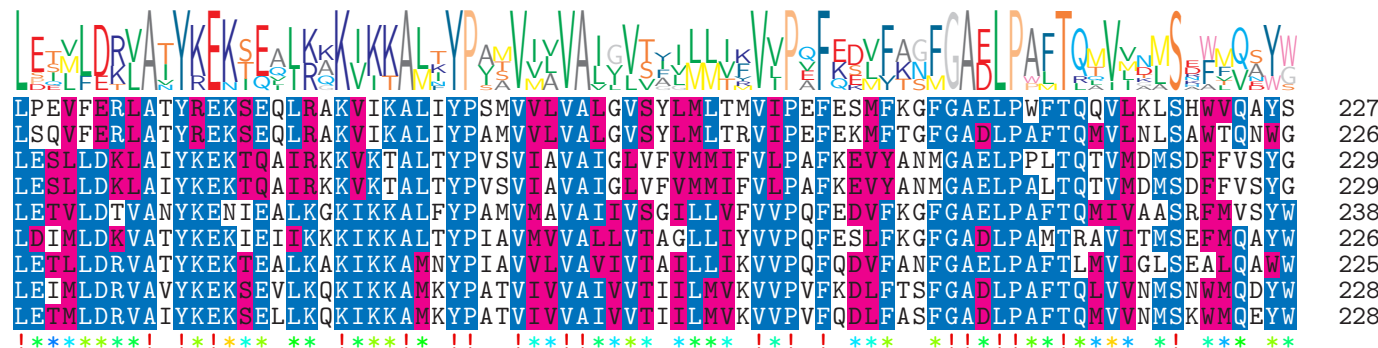
logo

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consensus
```

| Position     | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  | 32  | 33  | 34  | 35  | 36  | 37  | 38  | 39  | 40  | 41  | 42  | 43  | 44  | 45  | 46  | 47  | 48  | 49  | 50  | 51  | 52  | 53  | 54  | 55  | 56  | 57  | 58  | 59  | 60  | 61  | 62  | 63  | 64  | 65  | 66  | 67  | 68  | 69  | 70  | 71  | 72  | 73  | 74  | 75  | 76  | 77  | 78  | 79  | 80  | 81  | 82  | 83  | 84  | 85  | 86  | 87  | 88  | 89  | 90  | 91  | 92  | 93  | 94  | 95  | 96  | 97  | 98  | 99  | 100 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Sequence     | E   | A   | T   | K   | I   | R   | D   | V   | A   | G   | M   | P   | M   | I   | A   | M   | R   | H   | C   | H   | V   | F   | P   | M   | N   | M   | L   | I   | Q   | M   | V   | A   | G   | E   | E   | S   | G   | L   | D   | M   | L   | N   | K   | V   | A   | I   | E   | F   | E   | V   | D   | N   | A   | V   | G   | L   | S   | S   | M   | E   | P   | L   | I   | M   | V   | I   | L   | G   | V   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Conservation | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 1.0 |

logo

|                 |                                |                                                  |     |
|-----------------|--------------------------------|--------------------------------------------------|-----|
| NTDB id 1169    | A1552VC RS11075 WP 000648511.1 | VVGGLVVAMYLP <del>IFN</del> LMSV <del>LG</del> . | 408 |
| NTDB id 1402    | DSB67 RS12670 WP 010643257.1   | VVGGLVTAMYLP <del>IFN</del> LMSV <del>LG</del> . | 407 |
| NTDB id 1112    | NGFG RS09215 WP 003689811.1    | VIGTLLVAMYLP <del>LFN</del> LGNVVA.              | 410 |
| NTDB id 1113    | AAA85695.1 219..1451()         | VIGTLLVAMYLP <del>LFN</del> LGNVVA*              | 410 |
| NTDB id 1000612 | ABFT94 RS05260 WP 011038215.1  | IVGGMVIGMYLP <del>IFK</del> LGSVV..              | 418 |
| NTDB id 1252    | GC085 RS07730 WP 011213805.1   | LVGGLVVAMYLP <del>IFK</del> LGS <del>AV</del> .  | 406 |
| NTDB id 1198    | PSJM300 03950 AFN76868.1       | LVGGLIIAMYLP <del>IFQ</del> MGSVV..              | 405 |
| NTDB id 1016    | ACTAD RS01680 WP 004920476.1   | LVGGLVIAMYLP <del>IFQ</del> MGSVV..              | 408 |
| NTDB id 1059    | ABD1 RS01610 WP 000279215.1    | LVGGLVIAMYLP <del>IFQ</del> MGSVV..              | 408 |
| consensus       |                                | ***!*****! ! ! ! !*****                          |     |

Sequence logo for the 12 amino acid motif VVGGGLVVIAMYLPIFQLMSV. The logo shows the conservation of each position, with the first 10 positions being highly conserved and the last two (L and S) being less so. The motif is highlighted in yellow in the original image.

-  non conserved
-  similar
-  > 50% conserved