**Table S4.** Antimicrobial activity prediction

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |  |
| --- | --- | --- | --- |
| **name\_fasta****(Peptide ID)** | **antibacterial** | **antiviral** | **antifungal** |
| 1 | 0.76 | 0.42 | 0.551 |
| 3 | 0.71 | 0.53 | 0.568 |
| 4 | 0.40 | 0.30 | 0.338 |
| 5 | 0.92 | 0.53 | 0.687 |
| 8 | 0.64 | 0.52 | 0.418 |
| 9 | 0.65 | 0.56 | 0.573 |
| 11 | 0.58 | 0.46 | 0.384 |
| 13 | 0.52 | 0.52 | 0.456 |
| 17 | 0.73 | 0.53 | 0.583 |
| 20 | 0.94 | 0.56 | 0.664 |
| 22 | 0.25 | 0.19 | 0.211 |
| 24 | 0.81 | 0.62 | 0.558 |
| 26 | 0.52 | 0.42 | 0.443 |
| 29 | 0.63 | 0.50 | 0.430 |
| 30 | 0.56 | 0.52 | 0.597 |
| 42 | 0.27 | 0.14 | 0.074 |
| 44 | 0.27 | 0.34 | 0.252 |
| 53 | 0.64 | 0.55 | 0.266 |
| 55 | 0.64 | 0.54 | 0.433 |
| 60 | 0.73 | 0.58 | 0.522 |
| 67 | 0.57 | 0.40 | 0.374 |
| 68 | 0.77 | 0.74 | 0.756 |
| 69 | 0.68 | 0.42 | 0.514 |
| 70 | 0.45 | 0.34 | 0.260 |
| 71 | 0.68 | 0.72 | 0.428 |
|  |  |  |  |
| 10 | 0.072 | 0.301 | 0.049 |
| 25 | 0.051 | 0.081 | 0.085 |
| 49 | 0.058 | 0.027 | 0.037 |

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