**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 | |