**Table S3.** Performance comparison with SOTA model on plant peptide datasets.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AUROC** | **Antimicrobial** | **Antibacterial** | **Antifungal** | **Antiviral** |
| pLM4PEP | 0.956 | 0.872 | 0.831 | 0.767 |
| PTPAMP | 0.930 | 0.900 | 0.900 | 0.820 |