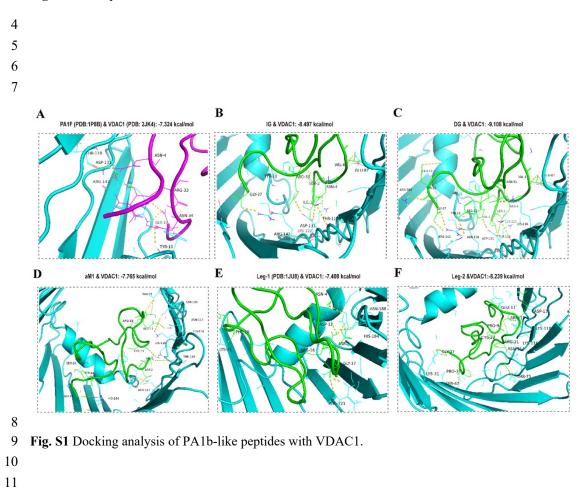
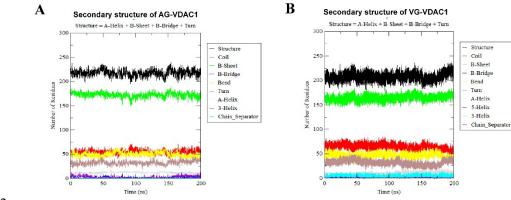
## Supplementary Information (SI) for Food & Function. This journal is © The Royal Society of Chemistry 2025

- 1 Figure S1. Docking analysis of PA1b-like peptides with VDAC1.
- 2 Figure S2. Secondary structure analysis of AG/VG-VDAC1 complexes.



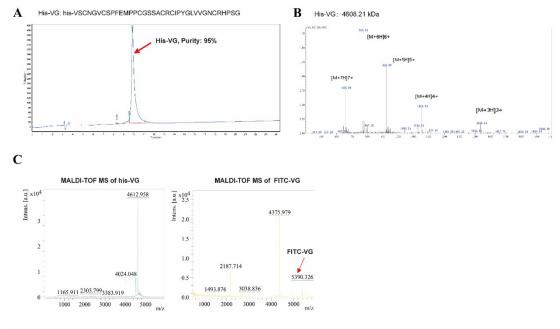
3 Figure S3. Preparation of his-VG and FITC-VG



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13 Fig. S2 Secondary structure analysis of AG/VG-VDAC1 complexes.

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17 Fig. S3 Preparation of his-VG and FITC-VG. A. HPLC diagram of synthesized his-VG. B. LC-MS

- 18 diagram of synthesized his-VG. C. His-VG and FITC-VG was detected by MALDI-TOF MS.
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