

1

1000 1 1 1

2

3 4 5

5 2 7

8 9 10

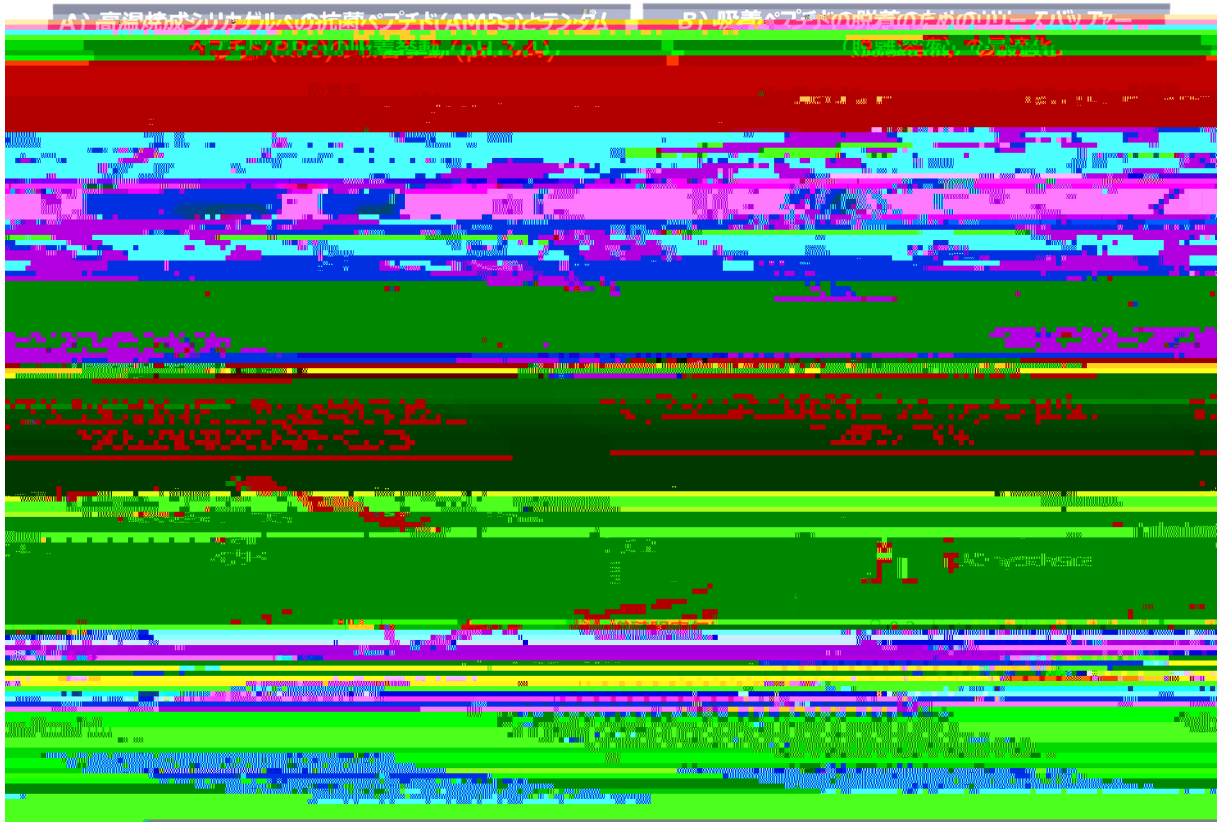
Bioengineering Journal of Bioscience and

The Antimicrobial Peptide
2021

Database APD3 <https://aps.unmc.edu/>

11	3,000	
2,431	406	366

o



1
A
B 1.7 25 0.1M NaCl
C
D 5D 5Xgcf dh] cb#DYgcf dh] cb 5D \mXfc`ngUhY LC-MS
26 5

12 APD3 32
1.7
H 25 0.1M NaCl
pH3

5Xgcf dh] cb

DYgcf dh] cb

26

LC-MS

5

2

50g

0.17g

1

1

1
10 50

1

-helix -sheet 2

2
10nm

600 2

pH

3

10 3>'¥Ù†4Ý°„†00
...°f€

0.2

NaOH

5

6

m/z

MS

fHPLCŁ

fGCŁ

fICEŁ

LC-MS

MS/MS

7

Cutibacterium acnes

7.0b56085

10

Escherichia coli

0.1%