

Table S1: List of various antimicrobial peptides and proteins produced at different sites of human tissues after contracting various microbial pathogens.

S. No.	Microbe	AMP produced	Site of AMP in human	Reference
1.	<i>Staphylococcus aureus</i> , <i>C. difficile</i> , <i>E. coli</i> , <i>P. aeruginosa</i>	Lactomodulin	Gut	[1]
2.	<i>S. aureus</i> , <i>A. baumannii</i> , <i>P. aeruginosa</i>	Histatin 5	Saliva	[2]
3.	<i>E. coli</i>	S100A7 (psoriasin)	Skin, Epidermis (keratinocytes)	[3]
4.	<i>Candida albicans</i>	LL-37	Neutrophils	[4]
5.	<i>Staphylococcus aureus</i>	Tritrpticin	Mucosal tissues, Urine	[5]
6.	<i>Haemophilus influenzae</i>	Lactoferrin (Lf)	Milk	[6]
7.	Friend virus complex (FVC-P)	Lactoferrin (Lf)	Milk	[7]
8.	HIV-1	Human beta-defensins	Epithelial cells of the skin mucosae and astrocytes	[8]
9.	Cytomegalovirus (CMV)	Cathelicidin LL-37	Epithelial cells	[9]

10.	Vesicular stomatitis virus	Cathelicidin LL-37	Epithelial cells	[9]
11.	Coronavirus-2 (SARS-CoV-2)	Bomidin	Skin, Mucosal tissues	[10]
12.	Dengue virus (DENV)	Bomidin	Skin, Mucosal tissues	[10]
13.	Chikungunya virus (CHIKV)	Bomidin	Skin, Mucosal tissues	[10]
14.	<i>E. cloacae</i> , <i>E. faecium</i>	Histatin 5	Saliva	[2]
15.	<i>L. monocytogenes</i>	Lactomodulin	Gut	[1]
16.	<i>S. enterica</i>	Lactomodulin	Gut	[1]

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