

Table S1. Additional information of antimicrobial peptides mentioned in this review.

Name	Origin	Structure	Amino Acid Sequence	Targets	Ref.
PGLa	Skin of <i>Xenopus laevis</i>	Coil/ α -helical	GMASKAGAIAGKIAKV ALKAL-NH ₂	Membrane	[1]
Magainins-1	Skin of <i>Xenopus laevis</i>	α -helical	GIGKFLHSAGKFGKAF VGEIMKS	Membrane	[2]
Magainins-2	Skin of <i>Xenopus laevis</i>	α -helical	GIGKFLHSAKKFGKAF VGEIMNS	Membrane	[2]
alamethicin	<i>Trichoderma viride</i>	α -helical	Ac-UPUAUAQUVU GLUPVUUEQ-Phol	Membrane	[3]
caerin 1.1	Skin of Australian tree frogs	α -helical	GLLSVLGSAKHVLP VVPVIAEHL-NH ₂ LLGDFFRKSKEKIGKEF	Membrane	[4]
LL-37	Human cathelicidin	α -helical	KRIVQRIKDFLRNLVPR TES	Membrane	[5] [6]
Buforin II	Histone H2A	α -helical	TRSSRAGLQFPVGRVH RLLRK	Nucleic acids	[7]
Indolicidin	Bovine neutrophils	extended	ILPWKWPWWPWRR- NH ₂	Duplex DNA	[8]
CP10A	Derivative of indolicidin	helical	ILAWKWAWWAWRR- NH ₂	Membrane, Macromolecular Synthesis	[8]
Microcin 25	<i>Escherichia coli</i>	lariat protoknot	GGAGHVPEYFVGIGTPI SFYG EVERKHPLGGSRPGR CTVPPGTFGHCACT GDASEPKGQKCCSN	RNA polymerase, respiratory chain	[9,10]
eNAP-2	Equine neutrophils	polycationic	IOAIULAAPGAKAGAL MGANMKAAAANASI HVUK	Microbial serine proteases	[11,12]
Nisin	<i>Lactococcus lactis</i>	Polycyclic, lantibiotic	LKRVWKRVFLLKRY WRQLKKPVR	Lipid II	[13]
SAAP-148	Derived from LL-37	α -helical	LRCMCIKWWSGKHPK	Membrane	[14]
TC-19	Derived from thrombocidin-1	α -helical	LRCMCIKWWSGKHPK	Membrane	[15]
TC-84	Derived from thrombocidin-1	α -helical	LRAMCIKWWSGKHPK	Membrane	[15]
BP2	Designed based on human BPI	α -helical	GKWKLFKKAFFKFLKI LAC	Membrane	[15]
lactacin 3147	<i>Lactococcus lactis</i>	lantibiotic	HSDGIFTDSYSRYRKQ MAVKKYLA AVL-NH ₂ KYYGNGVHCTKSGCS	Lipid II	[16]
Leucocin A	<i>Leuconostoc gelidum</i>	β -sheet/ α -helical	VNWGEAFSAGVHRLA NGGNGFW	Membrane	[17]

BPI: bactericidal permeability increasing protein.

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