Claims

[Claim 1]

An antibacterial peptide-inducing agent comprising Lactobacillus Buglaricus and/or Streptococcus Thermophilus, or at least a material fermented with Lactobacillus Buglaricus and/or Streptococcus Thermophilus, or both as active ingredients, wherein the antibacterial peptide-inducing agent induces gene expression of β-Defensin and/or Reg peptides in either a host organism or Lactobacillus Buglaricus and/or Streptococcus Thermophilus.

[Claim 2]

An antibacterial peptide-inducing composition containing the antibacterial peptide-inducing agent as claimed in claim 1.

[Claim 3]

The antibacterial peptide-inducing composition as claimed in claim 2, which contains at least one hundred million of Lactobacillus Buglaricus and/or Streptococcus Thermophilus, on a per-pack basis.

[Claim 4]

The antibacterial peptide-inducing composition as claimed in any one of claims 1 to 3 wherein the Lactobacillus Buglaricus and/or Streptococcus Thermophilus, are viable bacteria.

[Claim 5]

Use of the antibacterial peptide-inducing composition as claimed in any one of claims 2 to 4 in the manufacture of a medicament for an infection prophylactic action, wherein said composition is a medicine composition that induces gene expression of β-Defensin and/or Reg peptides.

[Claim 6]

The medicine composition as claimed in claim 5, wherein the medicine composition is to be taken in orally or enterally to induce β-Defensin and/or Reg peptides.

[Claim 7]

Use of the antibacterial peptide-inducing composition as claimed in any one of claims 2 to 4 in the manufacture of a medicament for an infection prophylactic action, wherein said composition is a food composition that induces gene expression of β-Defensin and/or Reg peptides.

[Claim 8]

The food composition as claimed in claim 7, wherein the food composition is to be taken in orally or enterally to induce β-Defensin and/or Reg peptides.

[Claim 9]

Use of Lactobacillus Buglaricus and/or Streptococcus Thermophilus, or at least a material obtained through fermentation with Lactobacillus Buglaricus and/or Streptococcus Thermophilus or a mixture thereof as active ingredients for gene expression of β-Defensin and/or Reg peptides for the manufacture of an antibacterial peptide-inducing agent for inducing β-Defensin and/or Reg peptides to prevent or treat microbial infections.

[Claim 10]

Use of Lactobacillus Buglaricus and/or Streptococcus Thermophilus, or at least a material obtained through fermentation with Lactobacillus Buglaricus and/or Streptococcus Thermophilus, or a mixture thereof as active ingredients for gene expression of β-Defensin and/or Reg peptides for the manufacture of an antibacterial peptide-inducing composition containing an antibacterial peptide-inducing agent for inducing β-Defensin and/or Reg peptides to prevent or treat microbial infections.

[Claim 11]

Use of Lactobacillus Buglaricus and/or Streptococcus Thermophilus, or at least a material obtained through fermentation with Lactobacillus Buglaricus and/or Streptococcus Thermophilus, or a mixture thereof as active ingredients for gene expression of β-Defensin and/or Reg peptides for the manufacture of a medicine composition containing an antibacterial peptide-inducing agent for an infection prophylactic action.

[Claim 12]

Use of Lactobacillus Buglaricus and/or Streptococcus Thermophilus, or at least a material obtained through fermentation with Lactobacillus Buglaricus and/or Streptococcus Thermophilus, or a mixture thereof as active ingredients for gene expression of β-Defensin and/or Reg peptides for the manufacture of a medicine composition containing an antibacterial peptide-inducing agent for an infection prophylactic action.