

*Multiple lanthionine biosynthetic genes from different pathways found in a single strain*

Streptomyces griseus subsp. griseus NBRC 13350;	LanB and LanL
Streptomyces clavuligerus ATCC 27064;	LanB and LanL
Geobacillus thermodenitrificans NG80-2;	LanB and LanM
Bacillus halodurans C-125;	LanM and LanB
Streptococcus pyogenes MGAS10750;	LanM and LanB

*Examples of lanthionine biosynthetic genes for different pathways found in different strains in a species*

Streptococcus pneumoniae CDC1087-00;	LanL
Streptococcus pneumoniae ATCC 700669;	LanMs
Streptococcus pneumoniae CGSP14;	LanB
Lactococcus lactis subsp. lactis C2102	LanM
Lactococcus lactis subsp. lactis 6F3	LanB

NOTE: in cases where the genome of the strain has not been fully sequenced, the current information is necessarily incomplete and multiple pathways could be present.