

logo

IEDBEK 16390 Plantaricin C family lantibiotic
MEDHJN 05840 Type 2 lantibiotic
MEDHJN 05845 salivaricin M family lantibiotic
MEDHJN 05850 salivaricin M family lantibiotic
LJCFBI 03490 salivaricin M family lantibiotic
LJCFBI 03485 salivaricin M family lantibiotic
LJCFBI 03495 salivaricin M family lantibiotic
LJCFBI 03500 salivaricin M family lantibiotic
DBFIBH 05660 Class I lanthipeptide
GEBGMI 07495 Class I lanthipeptide
IKBHNN 07560 Lantibiotic lichenicidin VK21 A2
NNFCLM 15475 Lantibiotic cytolysin
DCMDNB 13185 Lantibiotic cytolysin
GBJPGG 08515 class II lanthipeptide, LchA2/BrA2 family
DPDKIB 18140 Bacteriocin, lactococcin 972 family
BBEHIJ 14120 Class IIb bacteriocin, lactobin A/cerein 7B family
CCKMEK 13035 Type 2 lantibiotic, SP 1948 family
CCKMEK 13040 Type 2 lantibiotic, SP 1948 family
CCKMEK 13015 Type 2 lantibiotic, SP 1948 family
CCKMEK 13045 Type 2 lantibiotic, SP 1948 family
CCKMEK 13005 Type 2 lantibiotic, SP 1948 family
CCKMEK 13010 Type 2 lantibiotic, SP 1948 family
CCKMEK 13020 Type 2 lantibiotic, SP 1948 family
CCKMEK 13030 Type 2 lantibiotic, SP 1948 family
DPDKIB 18130 Lantibiotic
DBFIBH 05665 Lantibiotic alpha
GEBGMI 07490 Lantibiotic alpha
DCMDNB 13190 Lantibiotic alpha
NNFCLM 15480 Lantibiotic alpha
DCMDNB 13195 Plantaricin C family lantibiotic
GBJPGG 08525 Plantaricin C family lantibiotic
JIALDP 01560 Lantibiotic macedovicin
DDFDAA 09825 RSAM-modified peptide
DDFDAA 09815 Type 2 lantibiotic
ACJJKH 07855 lactacin 481 family lantibiotic
GJHPGN 04875 lactacin 481 family lantibiotic
EBJBHN 05615 lactacin 481 family lantibiotic
IKMHFE 03160 lactacin 481 family lantibiotic
MOADFP 05030 lactacin 481 family lantibiotic
HDEPEA 05680 lactacin 481 family lantibiotic
MOCIPG 05750 lactacin 481 family lantibiotic
KALHLD 10065 lactacin 481 family lantibiotic
GILPNI 07240 lactacin 481 family lantibiotic
consensus

.MKK NYRNPMTRP ENFMNPACNVMKEIKEDLNNFSAGAGEPRVSDGSQFCTSTKE CNW GTIMFVC C
 MNKK TWRNPFNRK EDNRA VAYEIDDQDLVGTSGGGV VTALRLTLAGRC CDDAL TMSAC CPKKNY
 MNKK TERNPIERT E EMA VAREINEQDLAGKS GAGA GTAIQLTLAGKC GRG FTISYEC TSSHVSCG
 MSKM TERNPIERP EDTMA VQNEINEQDLAGKS GAGA GTAIQLTLAGKC GGA FTFSYEC TSSHVSCG
 MKSK KVNTE IDT LEF EIDNQLNGTSGSGW WYTAFKMTLAGRC GLC FTCSYEC TTNNVRC
 .MK QDNFE IDS LDYEINSQELNGKSAAGW RTAVRLTVQGRG CWW FTYSYEC TSPNVRCG
 MPKN NNHKE IDT LDFEVKNQELSGKSGSGW FTAVQLTLAGRC GRW FTGSYEC TSNNVKCG
 MPKN TS RPE IDS LSF EENQELSGKSGSGW FTAVQLTLAGRC GRW FTGSFEC TTNNVKCG
 MEKNNLELGKYMESDLIALTD ETVDGGTTPATPATPVI VAV SAY VSDKTC PTTACTRAC
 MEKNNLELGKYMESDLIALTD ETVDGGTTPATPATPVI VAV SAY VSDKTC PTTACTRAC
 MKTMKNSAA REAFKGANHPAGMVSEELKALVGGNDVNPETTPATTSSWTCITAGVT VSASLC PTTKCTSRC
 MSEI NNKINSPEG EVNEKELQELTDAETPDGG HPTVPITIA ISATAC PSTKCTSKC
 MGEF KNEIKNAPEGEVNEKELQELAE GDAEGGV PITVPITIA ASTAFC PSIKCSSKC
 MGEF NNEIKNAPEGEVNEKELKELTNAEQAGGV APVVPITIA ASTAFC PTTKCTSKC
 MKKK IIAILGCMCACLLVQGI PVMAA EQNDKEVVAEQEVNLD EYMQDQTMPA VPTVIYG VKPTLERGRPS SPNADGGYFWVEWGAERHYSLFDHSYKVHRTSAGNSKTTVRGDWTAQGYRAS TW CYSTLTGNTAYWATC
 MN KKR SFVVGDLMQEIQEQDLMVPVG GAVDGGGNRVQSVLTVISA ITAITGLTAWSNDKATRKFKC GEVLTL SAE CNGGTA C
 MSEE KKT EEVVCGSFEEMPLMENTQGAGDVDAETTPALPVS AWGV SVIASAVSGA IVS SKKC
 MAQ EKINEVVGESFEDLKEDEMLQTQGAGDVDAETTPAITVSA AVV IGGS LGFEAT VKV TKT CNGN CG
 MGE KEINKVVCNSFEELGAEDMQQTQGAGDVNP EVVSNCF TLT PPSV IVANPSLV SVS LLNK
 MRLKKFVGEAF EELTVDEM KMVQSGSDVEADFN YMAVLSQANAA MAITASPVLI TL DGRC
 MSK KKL DQVVGASFEDLNTEDMQNT QGGGDVNAETIVTISN L T L VGPIVS IP VVSCAK
 MGK KKL DQIVGTSFEDLNTEDMQNT QGGAGDVDAETTPVIMPICSPS AV VNPTLA LS LISK
 MGK KDLEKIVGAAYEDLNTEDMQNT QGAGDTEAETVSLAITGAIAS VI SGA IS LK KCV
 MGK KDLDKIVGAAYFEELD VDDMQVQGAGDVEAETTV PL SVVIAT AA SAI YS SKKC
 MHLEQN LDSAGDL FMELDEQNKII PDE DNVMGISH TSGCG VF LT IY CC
 MNTENKNEVTW LDEVSAQEFDEEVY GAC STNTFSLSDYMGNN GN W CTISHECMA WCK
 MNTENKNEVTW LDEVSAQEFDEEVY GAC STNTFSLSDYMGNN GN W CTISHECMA WCK
 MGD LNAIKDPVLRQKMEI LTPNANV SIELTEQDMQA LAGA GWYSEMSAALGNR GS Y CTLTKECQA CCN
 MENLSNIKDPVLRKVELI MNDPSGNV SVLSEQDMEA LAGA GKK SISAA LGNK GH I CTITKECQA CCN
 MASIEKISDPDLRGKLDMLLS DLSGTI YGELSEQDMEA LSGA GWQDSPSPMFGHG GWNQ ISCTKDCNA HCM
 MASFEKIID PEIRSKLDMV MKAQEESV FAELTEQDMEA LSGA GWYGNLEHFFGHR DLRV ISCTRD CNA HCN
 M MNATENQIFVETVSDQELEMLIGGAD RGW I KTLTKDCPNVISS IC AGTITITACKIVL NLLPSNFLK
 MKKIKTI ENSINDLREARLGISQMSDIYGGKK DKSH HCF GLDQF MINDYCF CNKRR FI
 MSKNLEKAIKM AESKMIAENPVNLDSEAMSILN GGQE INPG VF GTISAECRADRVS CHERKP DARDLIQLIFH
 M NKDL NALTNPID EKELEQILGG GDG VF RTISHECHMNTWM FIFTCCS
 MKNTNII DIKA TEALQELSLEELDTIIGA K KGSG VV PTVSHDCHMNSWQ FLFTCCS
 MKNTNII DIKA TEALQELSLEELDTIIGA K KGSG VV PTVSHDCHMNSWQ FLFTCCS
 MKNTNII DIKA TEALQELSLEELDTIIGA K KGSG VV PTVSHDCHMNSWQ FLFTCCS
 MKNTNII DIKA TEALQELSLEELDTIIGA K KGSG VV PTVSHDCHMNSWQ FLFTCCS
 MDKL NHSA VTS LNEVSDSELDTILGGSR FWQG VV PTVSYECRMNSWQ SIFTCC
 MDKL NHSA VTS LNEVSDSELDTILGGSR FWQG VV PTVSYECRMNSWQ SIFTCC
 MDKL NHSA VTS LNEVSDSELDTILGGSR FWQG VV PTVSYECRMNSWQ SIFTCC

☐ non-conserved
☒ $\geq 10\%$ conserved