

<b>Relación de lactobacillus</b>	
<i>Lactobacillus acidifarinae</i>	CIP108702
<i>Lactobacillus agilis</i>	CIP101264
<i>Lactobacillus alimentarius</i>	CIP102986
<i>Lactobacillus fermentum</i>	CIP102980
<i>Lactobacillus fuschuensis</i>	CIP107633
<i>Lactobacillus gasseri</i>	CIP102991
<i>Lactobacillus graminis</i>	CIP105164
<i>Lactobacillus hammesii</i>	CIP108387
<i>Lactobacillus helveticus</i>	CIP103146
<i>lactobacillus acetotolerans</i>	CIP103180
<i>lactobacillus acidipiscis</i>	CIP106750
<i>Lactobacillus acidophilus</i>	CIP7613
<i>Lactobacillus algidus</i>	CIP106688
<i>Lactobacillus fructivorans</i>	CIP103042
<i>Lactobacillus frumenti</i>	CIP106922
<i>Lactobacillus gallinarum</i>	CIP103611
<i>Lactobacillus hamsteri</i>	CIP103365
<i>Lactobacillus hilgardii</i>	CIP103007
<i>Lactobacillus amylolyticus</i>	CIP107338
<i>Lactobacillus amylovorus</i>	CIP102989
<i>Lactobacillus animalis</i>	CIP103162
<i>Lactobacillus rhamnosus</i>	
<i>Lactobacillus aviarus spp araffinosus</i>	CIP103145
<i>Lactobacillus aviarus spp aviarus</i>	CIP103144
<i>Lactobacillus bif fermentans</i>	CIP102811
<i>Lactobacillus brevis</i>	CIP102806
<i>Lactobacillus buchneri</i>	CIP103023
<i>Lactobacillus crispatus</i>	CIP102990
<i>Lactobacillus curvatus</i>	CIP102992
<i>Lactobacillus cypricasei</i>	CIP106393
<i>Lactobacillus delbrueckii spp bulgaricus</i>	CIP101027
<i>Lactobacillus delbrueckii spp delbrueckii</i>	CIP57.8
<i>Lactobacillus delbrueckii spp indicus</i>	CIP108704
<i>Lactobacillus delbrueckii spp lactis</i>	CIP101028
<i>Lactobacillus diolivorans</i>	CIP107499
<i>Lactobacillus durianis</i>	CIP107501
<i>Lactobacillus equi</i>	CIP107382
<i>Lactobacillus farciminis</i>	CIP103136
<i>Lactobacillus casei spp casei</i>	CIP107868
<i>Lactobacillus casei spp tolerans</i>	CIP103024
<i>Lactobacillus catenaformis</i>	CIP104817
<i>Lactobacillus collinoides</i>	CIP103008
<i>Lactobacillus coryniformis spp coryniformis</i>	CIP103133
<i>Lactobacillus coryniformis spp torquens</i>	CIP103134

<i>Lactobacillus iners</i>	CIP105923
<i>Lactobacillus ingluvieisubsp</i>	CIP107876
<i>Lactobacillus intestinalis</i>	CIP104793
<i>Lactobacillus jensenii</i>	CIP69.17
<i>Lactobacillus johnsonii</i>	CIP103620
<i>Lactobacillus kefiranofaciens subsp.kefirgranum</i>	CIP104241
<i>Lactobacillus kefiri</i>	CIP103006
<i>Lactobacillus kimchii</i>	CIP107019
<i>Lactobacillus kitasatonis</i>	CIP108218
<i>Lactobacillus kunkeei</i>	CIP107675
<i>Lactobacillus lindneri</i>	CIP102983
<i>Lactobacillus malefermentans</i>	CIP103367
<i>Lactobacillus mali</i>	CIP103142
<i>Lactobacillus manihotivorans</i>	CIP105851
<i>Lactobacillus mucosae</i>	CIP106485
<i>Lactobacillus mindensissubsp</i>	CIP107874
<i>Lactobacillus panthoris</i>	CIP107744 T
<i>Lactobacillus oris</i>	CIP105162 T
<i>Lactobacillus rhamnosus</i>	CIP 107647 T
<i>Lactobacillus murinus</i>	CIP104818
<i>Lactobacillus rhamnosus</i>	CIPA157
<i>Lactobacillus salivarius subsp salicinius</i>	CIP71.40
<i>Lactobacillus reuteri</i>	CIP101887
<i>Lactobacillus sakei subsp.sakei</i>	CIP103139
<i>Lactobacillus salivarius subsp salivarius</i>	CIP103140
<i>Lactobacillus plantarum sudsp.plantarum</i>	CIP103151
<i>Lactobacillus ruminis</i>	CIP103153
<i>Lactobacillus salivarius subsp salicinius</i>	CIP103155
<i>Lactobacillus pentosus</i>	CIP103156
<i>Lactobacillus parabuchneri</i>	CIP103368
<i>Lactobacillus pontis</i>	CIP104232
<i>Lactobacillus parakefiri</i>	CIP104242
<i>Lactobacillus paraplantarum</i>	CIP104668
<i>Lactobacillus sakei subsp. carnosus</i>	CIP105422
<i>Lactobacillus psittaci</i>	CIP106492
<i>Lactobacillus paralimentarius</i>	CIP106794
<i>Lactobacillus plantarum subsp.argentoratensis</i>	CIP108320
<i>Lactobacillus paracollinoides</i>	CIP108394
<i>Lactobacillus coleohominis</i>	CIP 106820
<i>Lactobacillus vaccinostercus</i>	CIP102807
<i>Lactobacillus sanfranciscensis</i>	CIP 103252
<i>Lactobacillus zeae</i>	CIP 103253
<i>Lactobacillus suebicus</i>	CIP 103411
<i>Lactobacillus vaginalis</i>	CIP 105932
<i>Lactobacillus versmoldensis</i>	CIP 107931
<i>Lactobacillus spicheri</i>	CIP 108581

<i>Lactobacillus zymae</i>	CIP 108703
<i>Lactococcus garvieae</i>	CIP 102507
<i>Lactococcus lactis subsp. cremoris</i>	CIP 102301
<i>Lactococcus lactis subsp. hordniae</i>	CIP102973
<i>Lactococcus lactis subsp. lactis</i>	CIP70.56
<i>Lactococcus piscium</i>	CIP 104371
<i>Lactococcus plantarum</i>	CIP 102506
<i>Lactococcus raffinolactis</i>	CIP 102300
<i>Bifidobacterium animalis subsp. lactis</i>	
<i>Lactobacillus delbrueckii subsp lactis</i>	CIP 101028
<i>Lactobacillus amylophilus</i>	CIP 102988
<i>Lactobacillus dextrinicus</i>	CIP 103407
<i>Lactobacillus paracasei subsp paracasei</i>	CIP 103918
<i>Lactobacillus apodemi</i>	CIP 108913
<i>Lactobacillus concavus</i>	CIP 108991
<i>Lactobacillus harbinensis</i>	CIP 109152
<i>Lactobacillus rennini</i>	CIP 109172
<i>Lactobacillus siligionis</i>	CIP 109367
<i>Lactobacillus namurensis</i>	CIP 109498
<i>Lactobacillus secaliphilus</i>	CIP 109557
<i>Lactobacillus farraginis</i>	CIP 109567
<i>Lactobacillus parafarraginis</i>	CIP 109568
<i>Lactobacillus equigenerosi</i>	CIP 109834
<i>Lactobacillus gastricus</i>	CIP 109873
<i>Lactobacillus panis</i>	CIP 109875
<i>Lactobacillus amylophilus</i>	CIP 109878
<i>Lactobacillus satsumensis</i>	CIP 109882
<i>Lactobacillus camelliae</i>	CIP 109883
<i>Lactobacillus thailandensis</i>	CIP 109884
<i>Lactobacillus hayakitensis</i>	CIP 109885
<i>Lactobacillus senmaizukei</i>	CIP 109886
<i>Lactobacillus hordei</i>	CIP 109892
<i>Lactobacillus saerimneri</i>	CIP 109907
<i>Lactobacillus ultunensis</i>	CIP 109908
<i>Lactobacillus kalixensis</i>	CIP 109909
<i>Lactobacillus rossiae</i>	CIP 109910
<i>Lactobacillus oligofermentans</i>	CIP 109911
<i>Lactobacillus bobalius</i>	CIP 109926
<i>Lactobacillus nodensis</i>	CIP 109958
<i>Lactobacillus uvarum</i>	CIP 109959
<i>Lactobacillus antri</i>	CIP 109960
<i>Lactobacillus parabrevis</i>	CIP 109963
<i>Lactobacillus kisonensis</i>	CIP 110026
<i>Lactobacillus otakiensis</i>	CIP 110027
<i>Lactobacillus sunkii</i>	CIP 110028
<i>Lactobacillus rapi</i>	CIP 110029

<i>Lactobacillus taiwanensis</i>	CIP 110030
<i>Lactobacillus algidus</i>	cip106688
<i>Lactobacillus aviarus subsp aviarus</i>	CIP103144
<i>Lactobacillus kunkeei</i>	CIP107675
<i>Lactobacillus vaginalis</i>	CIP105932
<i>Lactobacillus pentosus</i>	CIP103156
<i>Lactobacillus suebicus</i>	CIP103411
<i>Lactobacillus oris</i>	CIP105162
<i>Lactobacillus amylolyticus</i>	CIP107338
<i>Lactobacillus acidifarinae</i>	CIP108702
<i>Lactobacillus alimentarius</i>	CIP102986
<i>Lactobacillus vaccinostrercus</i>	CIP107501
<i>Lactobacillus collinoides</i>	CIP103008
<i>Lactobacillus agilis</i>	CIP101264
<i>Lactobacillus plantarum subsp plantarum</i>	CIP103151
<i>Lactobacillus coryniformis subsp coryniformis</i>	CIP103133
<i>Lactobacillus diolivorans</i>	CIP107499
<i>Lactobacillus fermentum</i>	CIP102980
<i>Lactobacillus frumenti</i>	CIP106922
<i>Lactobacillus hammesii</i>	CIP108387
<i>Lactobacillus ingluviei</i>	CIP107876
<i>Lactobacillus kefiri</i>	CIP103006
<i>Lactobacillus murinus</i>	CIP104818
<i>Lactobacillus pantheris</i>	CIP107744
<i>Lactobacillus fructivorans</i>	CIP103042
<i>Lactobacillus equi</i>	CIP107382
<i>Lactobacillus mindensis</i>	CIP107874
<i>Lactobacillus acidipiscis</i>	CIP106750
<i>Lactobacillus reuteri</i>	CIP101887
<i>Lactobacillus manihotivorans</i>	CIP105851
<i>Lactobacillus pontis</i>	CIP104232
<i>Lactobacillus kimchii</i>	CIP107019
<i>Lactobacillus amylovorus</i>	CIP102989
<i>Lactobacillus bifementans</i>	CIP102811
<i>Lactobacillus buchneri</i>	CIP103023
<i>Lactobacillus paracasei subsp paracasei</i>	CIP107868
<i>Lactobacillus salivarius</i>	CIP 71.40
<i>Lactobacillus ruminis</i>	CIP103153
<i>Lactobacillus paraplantarum</i>	CIP104668
<i>Lactobacillus paralimentarius</i>	CIP106794
<i>Lactobacillus parakefiri</i>	CIP104242
<i>Lactobacillus parabuchneri</i>	CIP103368
<i>Lactobacillus coleohominis</i>	CIP106820
<i>Lactobacillus hilgardii</i>	CIP103007
<i>Lactobacillus curvatus</i>	CIP102992
<i>Lactobacillus vaccinostrercus</i>	CIP102807

<i>Lactobacillus brevis</i>	CIP102806
<i>Lactobacillus spicheri</i>	CIP108581
<i>Lactobacillus zymae</i>	CIP108703
<i>Lactobacillus acidipiscis</i>	CIP106393
<i>Lactobacillus farciminis</i>	CIP103136

## Reactividad de *Lactobacillus* específicos testados vía ADN frente a los obtenidos mediante cultivos

<i>Strains 10<sup>7</sup>copies/5 µl</i>	<i>Cross reactivity (Ct&gt;36)</i>
<i>Lactobacillus casei-paracasei</i> (ct19)	<i>Lactobacillus taiwanensis</i> <i>Lactobacillus zeae</i> CIP 103253 lot 037
<i>Lactobacillus plantarum</i> (ct23)	<i>Lactobacillus oris</i> <i>Lactobacillus pentosus</i> CIP 103156
<i>Lactobacillus reuteri</i> (ct20)	<i>Lactobacillus oris</i> <i>Lactobacillus pontis</i>
<i>Lactobacillus fermentum</i> (ct24)	<i>Lactobacillus fructivorans</i>
<i>Lactobacillus gasseri</i> (ct23)	<i>Lactobacillus iners</i> CIP105923 lot 706
<i>Lactobacillus rhamnosus</i> (ct26)	<i>Lactobacillus zeae</i> CIP 103253 lot 037
<i>Lactobacillus acidophilus</i> (ct30)	No cross reactivity
<i>Lactococcus lactis</i> (ct23)	No cross reactivity
<i>Bifidobacterium animalis subsp. lactis</i>	No cross reactivity