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Table 1. Total number of *Lactobacillus* spp. genes, total number of all differently expressed genes (DEGs; % in relation to total number of genes), total number of genes potentially associated with acid tolerance (% in relation to total number of genes), number of acid tolerance-associated DEGs between sound root and carious root surfaces (% in relation to the number of acid tolerance genes) and the percentage of acid tolerance-associated DEGs in relation to all DEGs:

Genome	Total number of genes	Total number of all DEGs	Total number acid tolerance-associated	Number of acid tolerance-associated	Percentage of acid tolerance- associated DEGs in relation
I acidonhilus	1 832	108 (5 89)	<u>116 (6 33)</u>	33 (28 44)	<u>30 55</u>
L. actuophitus I. bravis	2 185	26(1.18)	103(4.71)	11 (10 60)	42.30
L. buchneri	2,105	62(260)	103(4.71) 117(4.00)	16 (13 67)	25.80
L. ouchineri I. casai	2,365	02(2.00) 21(0.75)	117(4.90) 142(5.13)	10(13.07) 1(0.70)	4.76
L. cusei	2,703	21(0.73) 1 204 (66 0)	142(5.13)	1(0.70)	7.02
L. crispaius	1,954	1,294(00.9)	90 (4.90)	91(94.79)	7.05
L. curvatus	1,960	34 (1.73)	107 (5.45)	3 (2.80)	8.82
L. delbrueckii	1,808	23 (1.27)	110 (6.08)	12 (10.90)	52.17
L. fermentum	1,946	1,535 (78.87)	125 (6.42)	98 (78.4)	6.38
L. gasseri	1,772	1,426 (80.47)	108 (6.09)	92 (85.18)	6.45
L. jensenii	1,405	7 (0.49)	95 (6.76)	4 (4.21)	57.14
L. johnsonii	1,804	214 (11.86)	96 (5.32)	41 (42.70)	19.15
L. paracasei	2,764	71 (2.56)	180 (6.51)	17 (9.44)	23.94
L. plantarum	2,883	20 (0.69)	87 (3.01)	4 (9.4.69)	20.0
L. rhamnosus	2,745	1,663 (60.58)	131 (4.77)	114 (87.02)	6.85
L. salivarius	1,876	1,364 (72.70)	124 (6.60)	116 (93.54)	8.50

*All acid tolerance associated DEGs showed Log2fold change >1 indicating an overexpression in carious root surfaces