

Table S3. Effect of acrylamide (5, 10, 50 µg/ml) on the growth of lactic acid bacteria during 24 h of incubation based on the spectrophotometric method. Each data point represents the mean from eight individual wells. The evaluation was conducted with two or three independent experiments. The differences from the unexposed control were significant at * $p \leq 0.0332$ and ** $p \leq 0.0021$.

LAB strain	5 µg/ml AA [% control]	10 µg/ml AA [% control]	50 µg/ml AA [% control]
<i>L. brevis</i> 1	100.07±1.01	100.20±2.77	99.11±3.18
<i>L. brevis</i> 2	100.26±2.58	104.08±4.29	105.06±3.23
<i>L. lactis</i> 3	100.83±4.97	105.44±2.56	100.63±3.55
<i>L. plantarum</i> 4	99.03±1.07	98.95±2.04	100.00±1.73
<i>L. brevis</i> 5	99.75±1.46	100.21±0.89	100.26±2.58
<i>L. brevis</i> 6	100.47±0.88	101.40±0.76	99.62±0.67
<i>P. acidilactici</i> 7	100.28±5.83	104.18±3.84	101.31±4.35
<i>P. acidilactici</i> 8	94.07±20.77	83.16±1.85	92.09±5.10
<i>L. mesenteroides</i> 10	101.53±1.94	101.52±2.17	101.60±1.41
<i>L. plantarum</i> 14	109.12±2.86	101.92±5.49	103.85±8.04
<i>P. acidilactici</i> 16	100.27±0.81	100.95±0.86	100.37±1.07
<i>L. plantarum</i> 17	95.38±1.77	97.68±3.24	92.73±3.70
<i>L. plantarum</i> 19	102.17±5.74	102.28±3.90	99.09±4.75
<i>L. brevis</i> 20	99.87±1.05	99.34±1.18	99.40±1.07
<i>P. pentosaceus</i> 21	101.87±1.11	90.79±20.06	95.22±12.13
<i>L. brevis</i> 22	101.34±2.88	101.01±3.71	100.08±6.82
<i>L. lactis</i> 25	99.02±3.20	98.94±4.38	99.48±3.02
<i>L. plantarum</i> 26	97.59±10.85	93.26±3.35	99.88±4.88
<i>L. plantarum</i> 28	95.90±2.75	107.28±6.29	101.25±11.49
<i>L. fermentum</i> 30	100.11±0.67	100.86±1.17	100.70±1.93
<i>L. brevis</i> 36	103.04±4.30	104.49±1.89	101.80±1.00
<i>S. collinoides</i> 38	93.33±3.62	82.67±4.92 **	87.02±6.50 *
<i>L. plantarum</i> 39	106.56±3.64	102.19±2.51	100.37±7.75
<i>L. citreum</i> 40	89.95±15.32	87.32±2.12	89.18±1.08
<i>L. plantarum</i> 41	96.47±13.13	97.90±7.65	99.96±6.04
<i>L. pentosus</i> 42	106.56±4.60	110.19±4.82	110.76±4.27
<i>L. plantarum</i> 43	100.56±3.05	100.47±2.02	100.26±2.92
<i>L. citreum</i> 44	105.16±10.48	102.32±2.67	98.93±4.87
<i>L. brevis</i> 45	98.85±1.22	91.32±12.29	89.00±8.98
<i>L. brevis</i> 46	101.00±3.35	98.91±4.05	98.81±6.38
<i>L. plantarum</i> 47	99.53±1.56	100.01±2.32	99.21±2.17
<i>L. brevis</i> 48	103.12±1.21	99.00±3.49	99.77±3.84
<i>L. raffinolactis</i> 49	92.18±2.48	90.34±8.14	91.21±1.62
<i>L. citreum</i> 50	98.28±2.01	99.11±0.62	97.50±2.24
<i>L. pentosus</i> 51	111.27±14.97	90.56±4.20	96.36±7.34
<i>L. plantarum</i> 52	89.25±1.45	72.71±30.86 *	91.65±6.07
<i>L. plantarum</i> 53	99.85±1.67	99.90±1.78	100.51±1.90
<i>L. plantarum</i> 56	100.67±3.06	100.06±1.15	99.61±2.20
<i>L. salivarius</i> 9AN	100.13±1.83	97.86±0.89	98.12±0.74
<i>L. coryniformis</i> 10AN	100.03±0.99	100.21±0.72	100.71±0.97
<i>L. casei</i> 12AN	101.03±1.05	99.79±0.56	97.28±0.97
<i>L. fermentum</i> 57A	100.19±1.98	100.16±1.71	100.50±2.13
<i>L. farraginis</i> T6	102.48±1.13	102.48±1.61	102.94±1.37
<i>L. brevis</i> OK-C	100.50±1.03	100.62±0.72	100.92±1.41
<i>L. paracasei</i> OK-D	99.86±0.91	100.22±0.86	99.34±0.83
<i>L. plantarum</i> OK-EK	100.47±1.05	100.53±1.01	100.38±0.42
<i>L. brevis</i> OK-EJ	100.89±1.43	100.11±1.31	96.77±0.46

<i>P. parvulus</i> OK-S	100.19±1.20	100.58±2.01	100.03±0.68
<i>S. similis</i> 04/2	99.91±0.78	100.77±1.16	100.28±0.68
<i>P. acidilactici</i> 7/1	99.99±1.02	100.04±0.54	99.61±0.84
<i>P. pentosaceus</i> 14/1	102.74±0.77	101.70±2.21	101.93±1.90
<i>L. plantarum</i> 21/1	101.13±1.91	101.44±2.23	98.89±1.31
<i>P. acidilactici</i> 25/1	101.73±1.15	101.39±0.92	98.84±0.98
<i>L. rhamnosus</i> GG	99.92±0.95	99.43±1.18	99.63±1.03
<i>L. acidophilus</i> 0839	100.02±0.78	97.54±1.04	96.12±1.09
<i>A. amylophilus</i> 0843	101.48±1.45	99.01±0.81	98.16±0.75
<i>L. plantarum</i> 0981	98.87±0.88	99.45±0.96	98.86±2.24
<i>L. brevis</i> 0983	100.51±0.94	101.21±0.85 *	100.05±1.34
<i>L. delbrueckii</i> 0987	100.33±1.73	96.16±1.38	94.63±1.15 *
<i>L. mesenteroides</i> 0994	99.48±0.58	97.51±1.44	97.54±0.47
<i>L. rhamnosus</i> 0997	110.39±3.62	109.77±1.58	110.95±2.52
Average	100.28±3.88	98.87±6.09	98.95±4.14