**Table S1.** Microbial counts of the total kefir community, *Lpb. plantarum* CIDCA 83114 and *K. marxianus* CIDCA 8154 after AFB1 binding assays at different pH.

| pH | AFB1 bound (ng) | | | |
|---|---|---|---|---|
| | Total kefir community | | *Lpb. plantarum* CIDCA 83114 | *K. marxianus* CIDCA 8154 |
| | LAB | Yeasts | | |
| 2.1 | 7.05±0.63[a] | 6.59±0.55[a] | 6.35±0.05[a] | 7.83±0.68[a] |
| 5.1 | 8.02±0.07[b] | 7.19±0.66[b] | 9.71±0.85[b] | 7.73±0.63[a] |
| 7.1 | 8.70±0.19[c] | 7.43±0.70[b] | 9.11±0.38[b] | 8.36±0.77[a] |
| 8.1 | 8.09±0.07[b] | 7.30±0.67[b] | 9.72±0.69[b] | 7.88±0.70[a] |

[a,b,c]Different letters in the same column indicate significant differences ($p < 0.05$).