

Supplementary material

Table S1

Pearson's correlation coefficient (r) between sample concentration and growth of *Bifidobacterium lactis*, *Lactobacillus casei*, *Lactobacillus rhamnosus*, and *Lactobacillus acidophilus*.

Sample	<i>B. lactis</i>	<i>L. casei</i>	<i>L. rhamnosus</i>	<i>L. acidophilus</i>
CJB-nE	0.584*	0.640*	0.112 ^{ns}	0.887*
CJB-E	0.642*	0.234 ^{ns}	-0.353 ^{ns}	0.904*
CPB-nE	-0.666*	-0.702*	-0.800 ^{ns}	0.582*
CPB-E	-0.512*	-0.874*	-0.653 ^{ns}	0.935*
Glucose	0.516*	-0.844*	0.146 ^{ns}	0.797*
Inulin	0.704*	-0.799*	-0.527*	0.652*
Naringin	-0.777*	-0.884*	-0.921*	0.847*
Naringenin	-0.847*	-0.688*	-0.884*	0.881*
Hesperidin	0.078 ^{ns}	-0.768*	-0.936*	0.853*
Hesperetin	-0.123 ^{ns}	-0.730*	-0.872*	0.895*

Abbreviations: ns, not significant; * $P \leq 0.05$; CJB-nE, citrus juice by-product non-enzymatic extract; CJB-E, citrus juice by-product enzymatic extract; CPB-nE, citrus pectin by-product non-enzymatic extract; and CPB-E, citrus pectin by-product enzymatic extract.

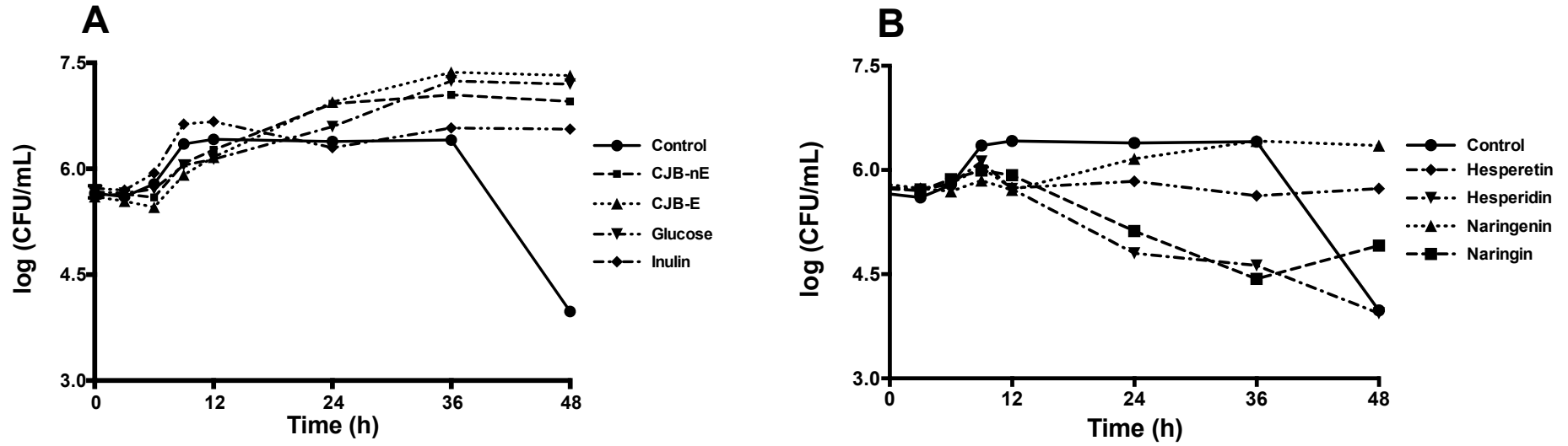


Fig. S1. Effect of citrus extracts (A) and flavanones (B) on *Lactobacillus acidophilus* La5 growth.

Control, MRS broth without glucose; CJB-nE, citrus juice by-product non-enzymatic extract; CJB-E, citrus juice by-product enzymatic extract.

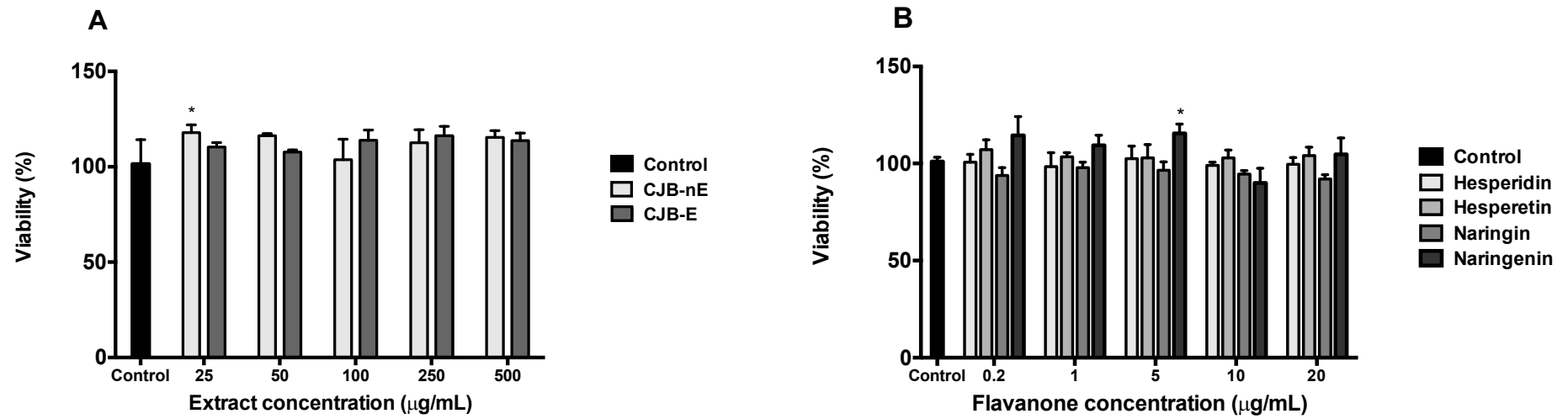


Fig. S2. Viability of Caco-2 cells treated with citrus extracts (CJB-nE and CJB-E) and flavanones.

*Significantly different from control ($P \leq 0.05$, one-way ANOVA and Tukey's post-hoc test). Control, MRS broth without glucose; CJB-nE, citrus juice by-product non-enzymatic extract; CJB-E, citrus juice by-product enzymatic extract; CPB-nE, citrus pectin by-product non-enzymatic extract; and CPB-E, citrus pectin by-product enzymatic extract.