**Supplementary information**

**Figure S2**

**Dose dependent and strain-dependent anti-obesity effects of *Lactobacillus sakei* in a diet induced obese murine model**

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| --- | --- | --- | --- | --- | --- | --- |
|  | ***L. sakei* LS03** | | ***L. sakei* L338** | | ***L. sakei* L446** | |
| **Growth curve** |  | |  | |  | |
| **Plate counting results** | **hours** | **CFU (log)** | **hours** | **CFU (log)** | **hours** | **CFU (log)** |
| 13 | 8.03 | 8 | 8.08 | 8 | 8.19 |
| 11 | 7.48 | 6 | 7.74 | 6 | 7.82 |
| 9 | 6.77 | 4 | 7.11 | 4 | 6.81 |
| 7 | 6.45 | 2 | 6.79 | 2 | 5.90 |
| **Equation** | y = 0.626x+5.782  (y = CFU in log; x = O.D) | | y = 0.4054x+6.3589  (y = CFU in log; x = O.D) | | y = 0.7675x+4.9868  (y = CFU in log; x = O.D) | |

**Supplementary Figure 2** Equation, growth curves and plate counting results for *L. sakei* LS03, *L. sakei* L338 and *L. sakei* L446.