

Figure S1. Schematic representation of the detailed steps involved in the experimental protocol.

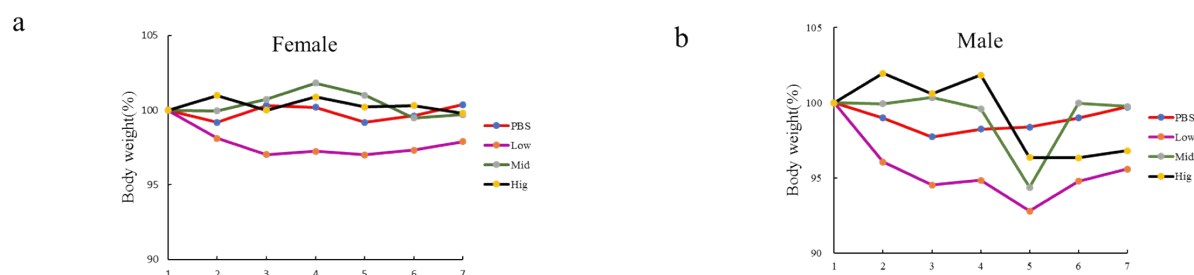


Figure S2 The changes of mice body weights during oral gavage different concentrations of milk EVs. **a** female mice, **b** male mice.

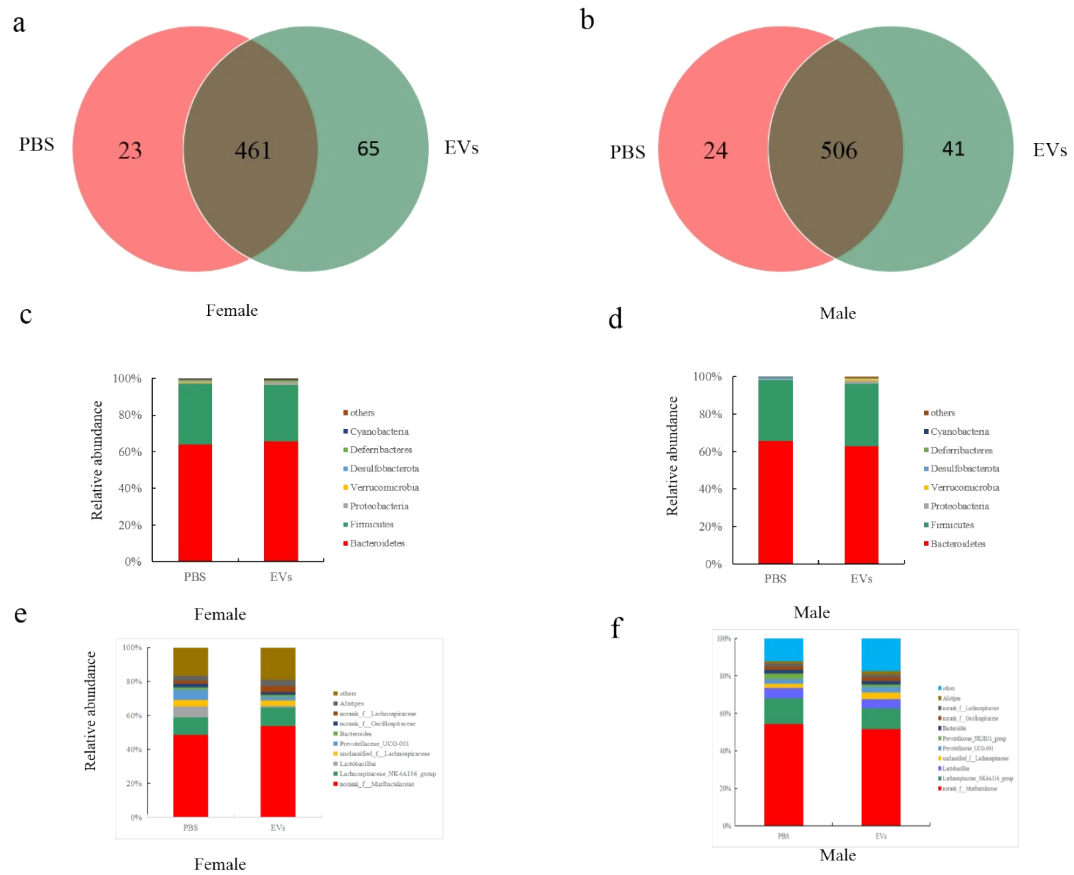


Figure S3. Effects of EVs on OTUs and composition of microbiota. **a-b** OTUs. **c-d** The composition of the predominant bacterial phyla. **e-f** The composition of the predominant bacterial genera (n = 5/6).