Supplementary information:

Fusimonas intestini gen. nov., sp. nov., a novel intestinal bacterium of the family *Lachnospiraceae* associated with diabetes in mice

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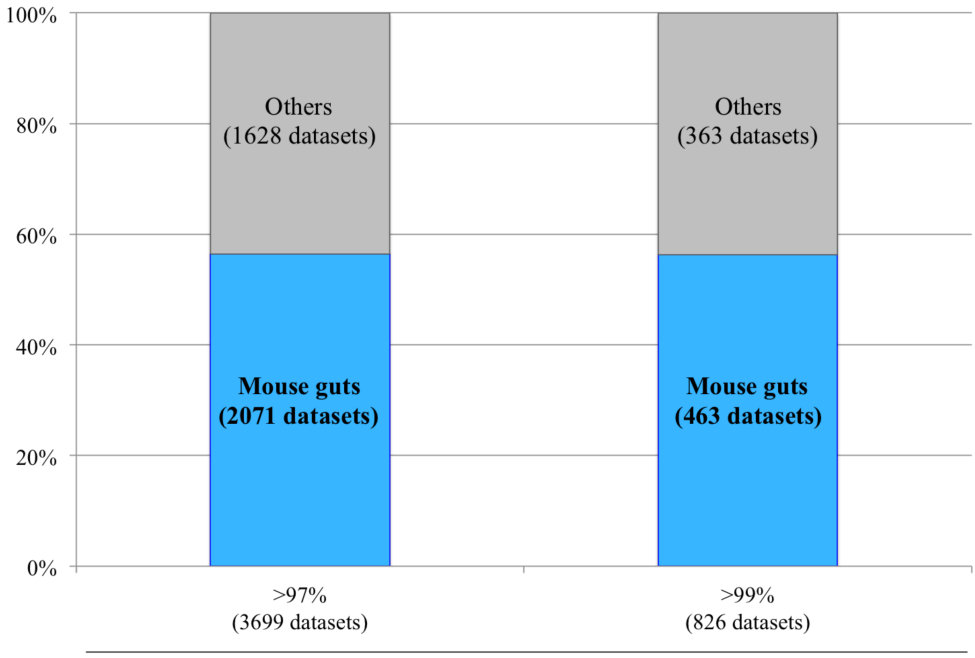

Supplementary Figure S1. Potential habitability of *F. intestini* strain AJ110941^{P} based on IMNGS search using the 16S rRNA gene sequence (AB861470). Prevalence of *F. intestini*-related sequences (>97% and >99% sequence similarity) against all 16S rRNA sequence datasets. The relative abundances of *F. intestini*-related 16S rRNA gene sequences in mouse guts and non-mouse guts are shown in blue and gray, respectively.