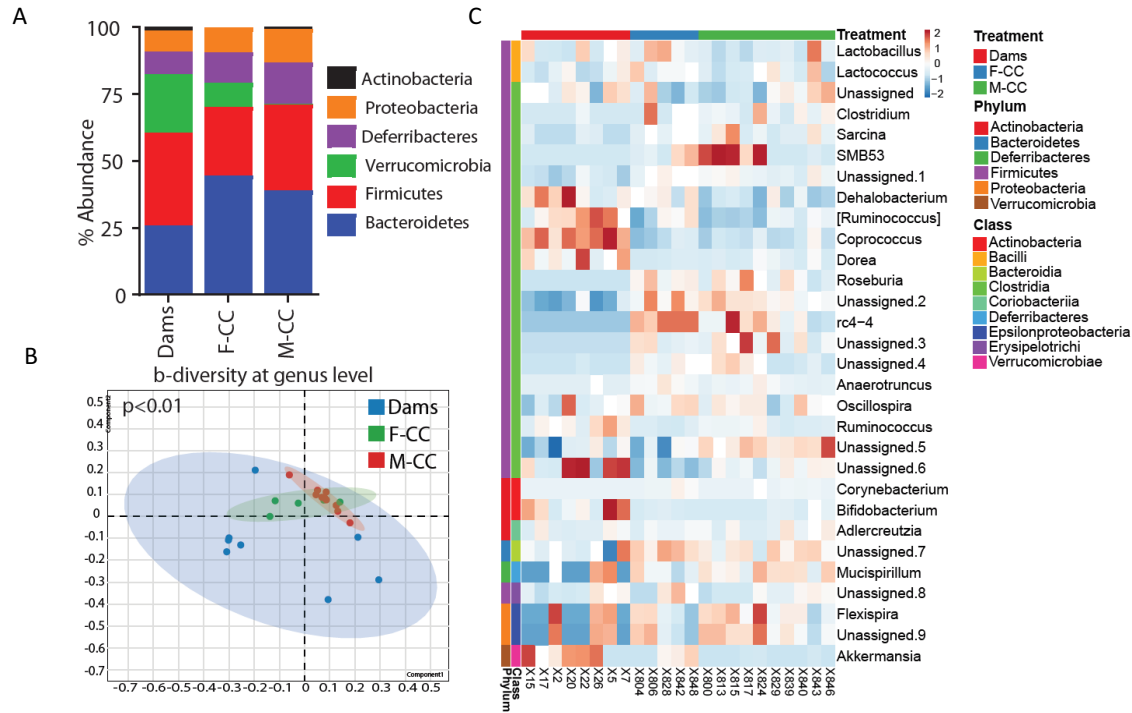


Maternal High-fat Diet Programs Offspring Liver Steatosis in a Sexually Dimorphic Manner in Association with Changes in Gut Microbial Ecology in Mice

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Supplementary figure 1



Supplementary Figure 1 – Comparison between maternal and offspring microbiome. (A) Stacked histogram showing distribution of phylum level abundance and **(B)** Non-metric multidimensional scaling (NMDS) ordination of the OTU dissimilarity matrix of β -diversity values between dams, male and female offspring microbiome. **(C)** Heatmaps depicting genus level distribution in dams, male and female offspring microbiome.

Supplementary Table 1: Primer Sequences used for real time PCR

Gene	Forward	Reverse
Cidec	CCTTCGACCTGTACAAGCTGAA	GCAGTGCAGGTCATAGGAAAGC
Ppar- γ	GCTTCCACTATGGAGTTCATGCT	CCGGCAGTTAAGATCACACCTAT
Cd36	CTGTGTCTTTTGTACAGCCCAATG	AGCTGCTACAGCCAGATTCAGAA
Cyp7a1	CAGGGAGATGCTCTGTGTTCAC	ACCCAGACAGCGCTCTTTGAT
Cyp8b1	AGCCACAGCCTTCAAGTATGA	AGGCATGCTGTAGTGGTGGAT
Cyp39a1	CCTGGCGCTGTTTGAGAAAA	CCGTCTCCACCACTTCCAATA
Cyp27a1	TGATGAGACAGGAGGGCAAGT	TTGTGCGATGAAGATCCCATAG