



Supplementary Figure S18. a-h) The expression of *Eut operon* (a), *Arid3a* (b), *miR101a-3p* (c), *Zo1* (d), gut permeability (FITC-dextran) (e), MTT (f) and ITT (g) on before (0 day) and after 1 day, 1 week and 1, 2, 3, 4 and 5 months of HFD feeding. Values presented are mean (n= 5-6 mice per group) and error bars as the standard error of means. P values with *** <0.001 are statistically significant, calculated by the t-test and/or ANOVA.