



**Figure S6. RDA plot of microbiota composition at genus level in the non-secretors (white) and the secretors (black) (A) and among the *FUT2* genotypes, AA (white), AG (grey) and GG (black) (B).** Plots are based on random subsample of the pyrosequencing data set (2500 sequences per sample, total 60 000 sequences). The centroids of each group are indicated by triangles. P-values show statistical significance in ANOVA test.