



Fig. S5. qPCR validation of Resphera Insight. DNA from the MAL1 cohort was analyzed by qPCR for the 16S rRNA gene for **a** *B. fragilis* and **b** *F. nucleatum*. Samples with 0 reads by 16S rRNA gene sequencing were set to a value of 0.1 for visualization; however, statistical analyses were performed on the original raw data. qPCR data significantly correlated with 16S rRNA gene sequencing data from Resphera Insight using Spearman's rank correlation.