



Fig. S10. Resphera Insight analysis with and without biological replicates. Representative plots of the Resphera Insight analysis of the **a** PICRUSt analysis of the 16S rRNA gene sequencing data from biofilm positive vs biofilm negative samples and **b** tumor vs paired normal samples for USA, MAL1, and MAL2. The 3 biological replicates were either included (top panel), removed from MAL1 (middle panel), or removed from MAL2 (bottom panel). The fixed effects model assumes there exists a single effect size shared by all included studies, while the random effects model allows for variation in the effect size from study to study. Heterogeneity analysis includes estimates of I^2 (percentage of variation reflecting true heterogeneity), τ^2 (random-effects between study variance), and p-value from Cochran's Q test for heterogeneity.