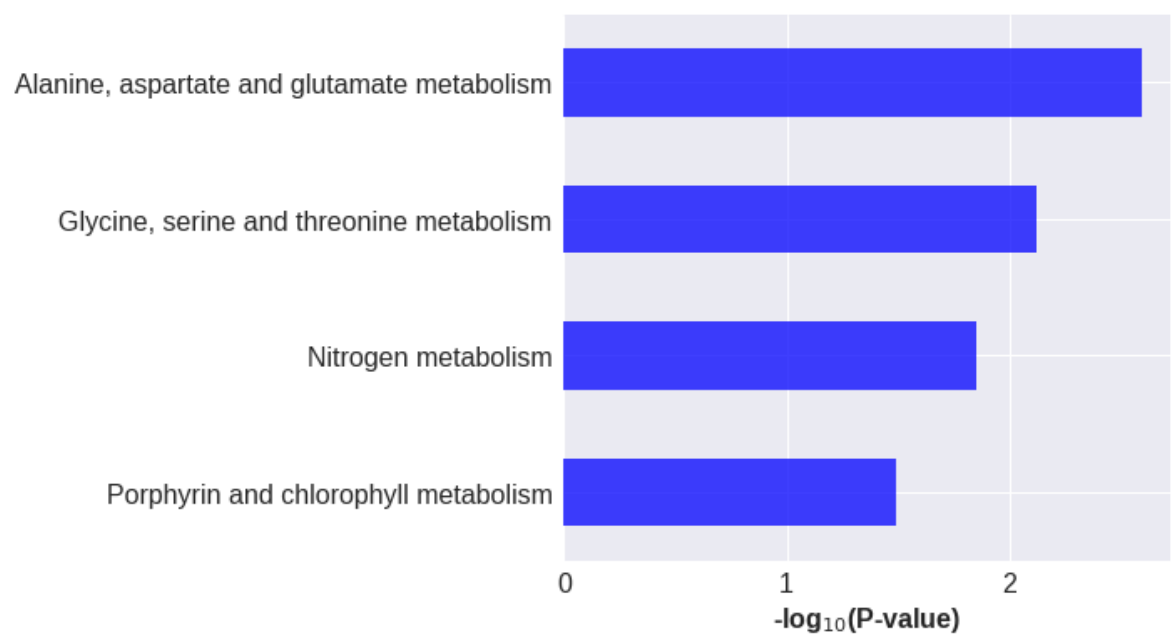


Figure 2

a)



b)

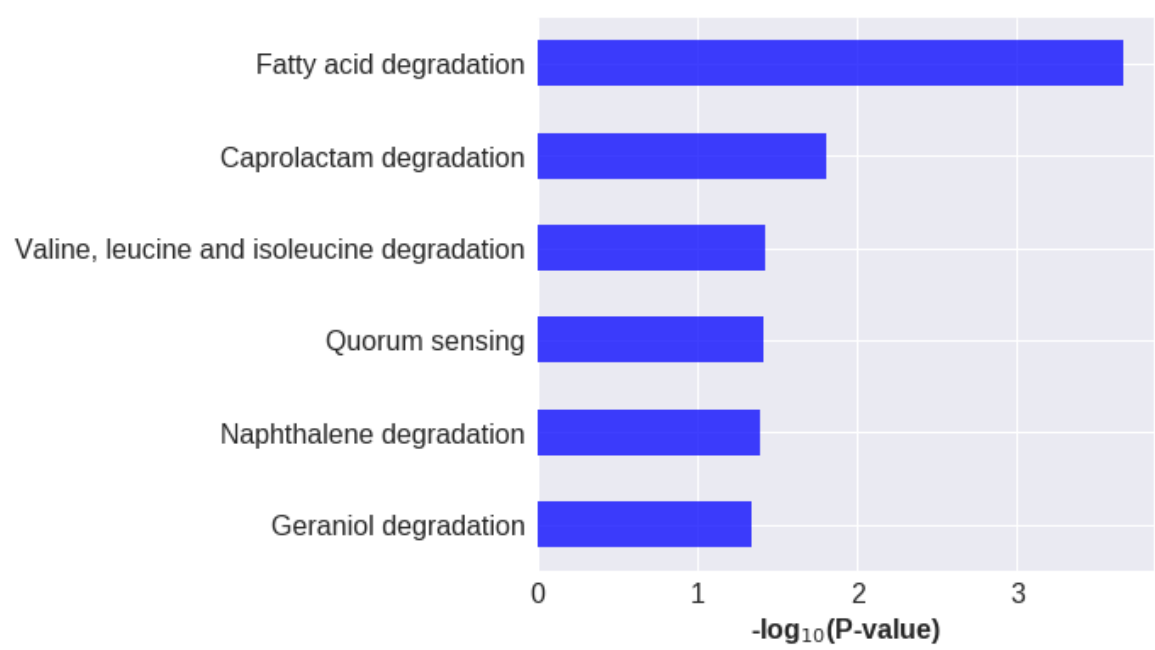


Figure 2: Gene Set Enrichment Analysis of Classified Proteins (*R. palustris*) Gene set enrichment analysis was performed on sets of proteins differentially expressed during key phases of bacterial growth. Analysis revealed that growth phases were rich in metabolic pathways while the late stationary phase introduced enrichment of degradation and quorum sensing pathways (see Supplementary Figure S2). **(a)** Pathways enriched at the mid log phase of bacterial growth ($p < 0.05$). **(b)** Pathways enriched at the late stationary phase ($p < 0.05$).