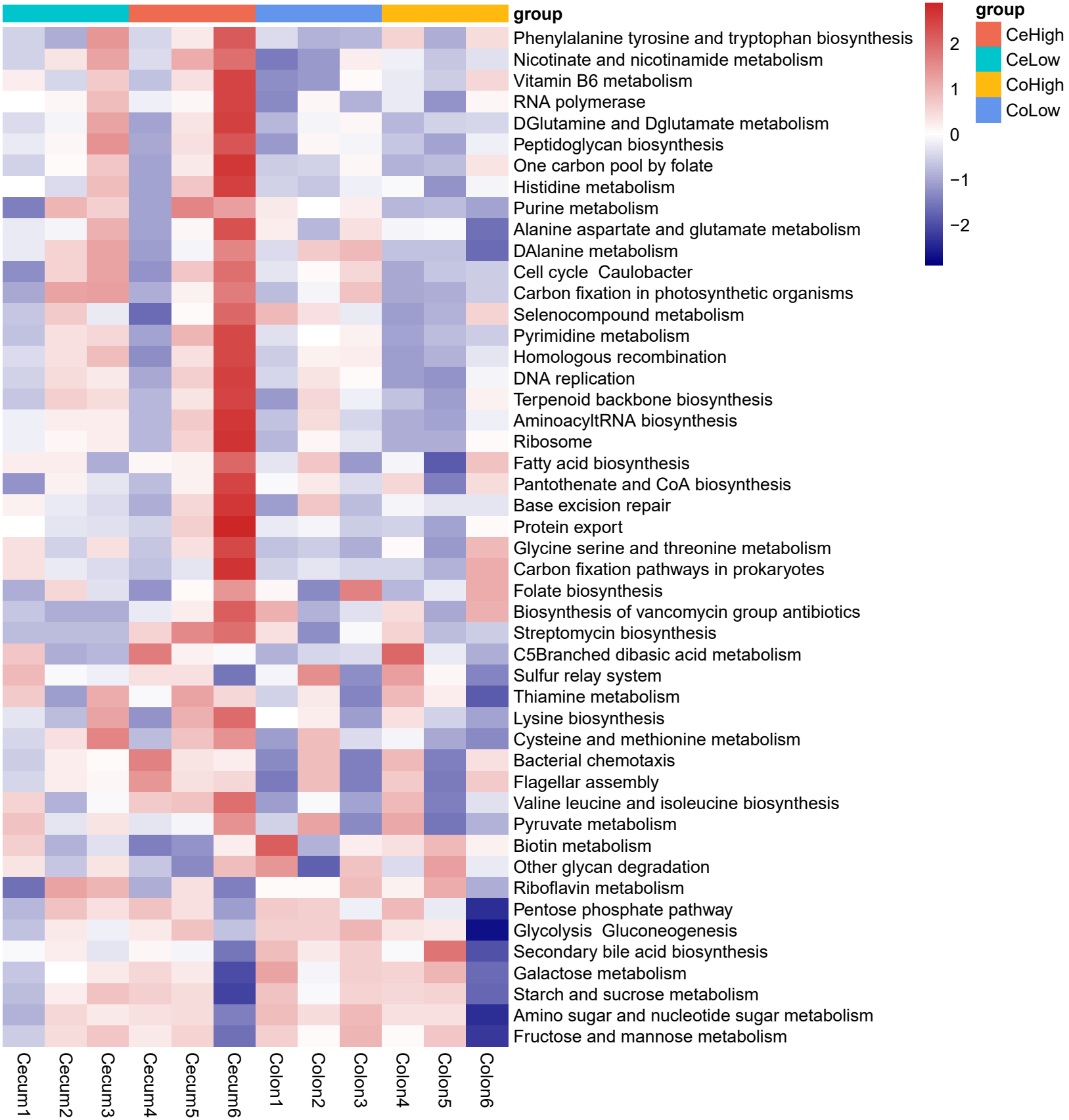Microbial functional enrichment in cecum and colon