



**Supplemental Figure S1** Enriched functions for active genes with the highest 10% closeness centralities (CC) in normal colons (A) and active genes in normal colons that underwent significant decrease ( $p < 0.05$ ) in CC in CRC (B). For each bar representing a pathway, the fold enrichment was manifested by the bar color. The vertical dashed lines indicate FDR-adjusted p-value equaling 0.05.