**Supplementary Figure 2** Overlapping of molecular pathways enrichment among the different groups.

NP-normal pouch, CP-chronic pouchitis, CLDP-Crohn's-like disease of the pouch, CD-Crohn's disease, FAP-familial adenomatosis polyposis, compared with NC-normal controls. The Venn diagram shows overlapping of molecular function enrichment among the groups. The numbers in the parentheses represent the total number of alterations in each group.