

Creatine Suppressed Colitis-Associated Colorectal Cancer in C57BL/6 Mice through Regulating M1/M2 Macrophage Polarization and Gut Microbial Homeostasis

Amino Acids

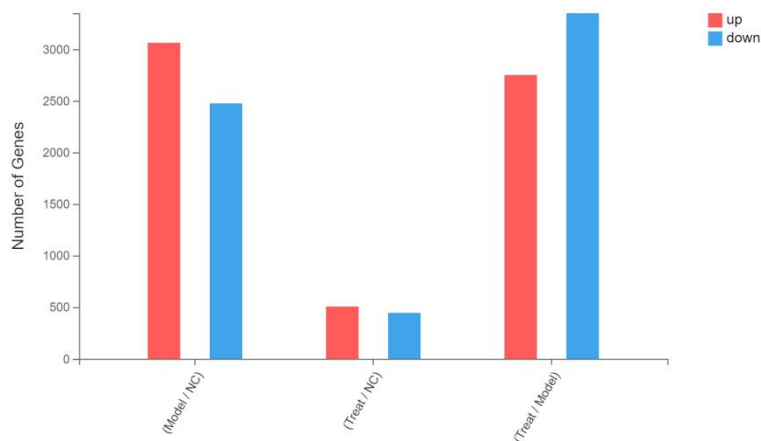
Nianchen Liu¹, Wanru Zhang¹, Shuo Teng¹, Tingting Ning^{1,2,*} and Jing Wu^{1,*}

¹ Department of Gastroenterology, Beijing Friendship Hospital, Capital Medical University, Beijing, 100050, China.

² National Clinical Research Center for Digestive Disease, Beijing Digestive Disease Center, State Key Laboratory of Digestive Health, Beijing, 100050, China.

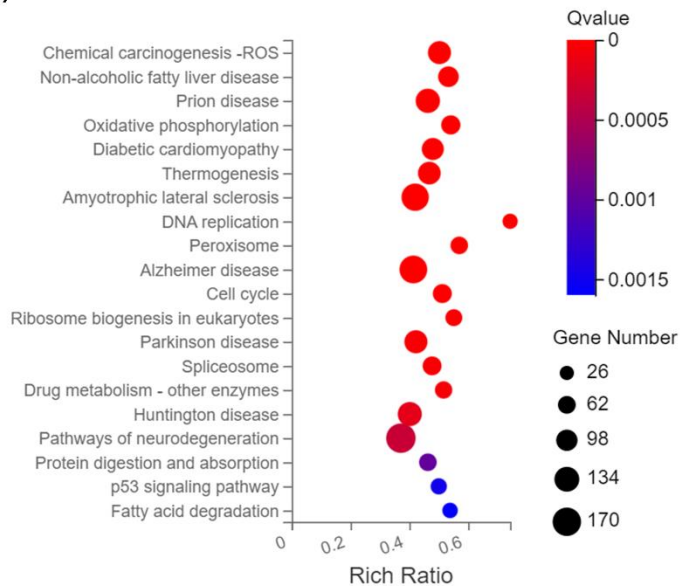
* Correspondence: ningtingting@mail.ccmu.edu.cn (T.N.), wujing36youyi@ccmu.edu.cn (J.W.)

(a)



(b)

KEGG pathway(Model/ NC)



(c)

KEGG pathway(Treat/Model)

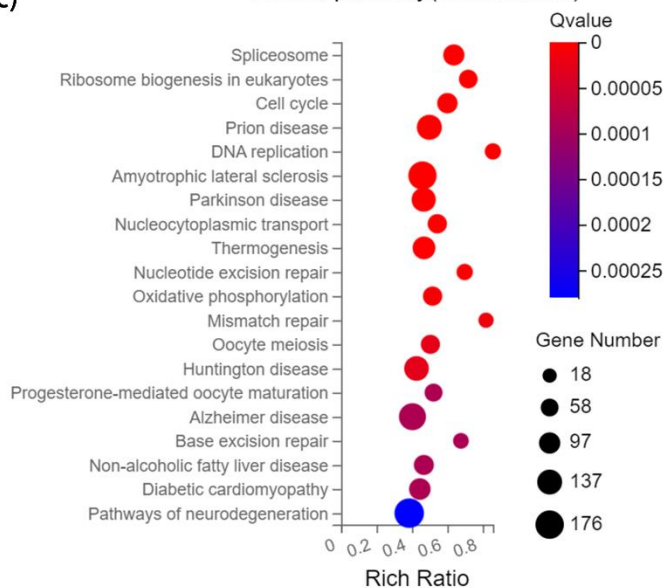


Fig.S1 Supplementation with creatine affects macrophage polarization and TAMs-related KEGG pathways. (a) Numbers of DEGs. (b) KEGG pathway enrichment analysis among the model vs. NC groups. (c) KEGG pathway enrichment analysis among the treatment vs. NC groups.

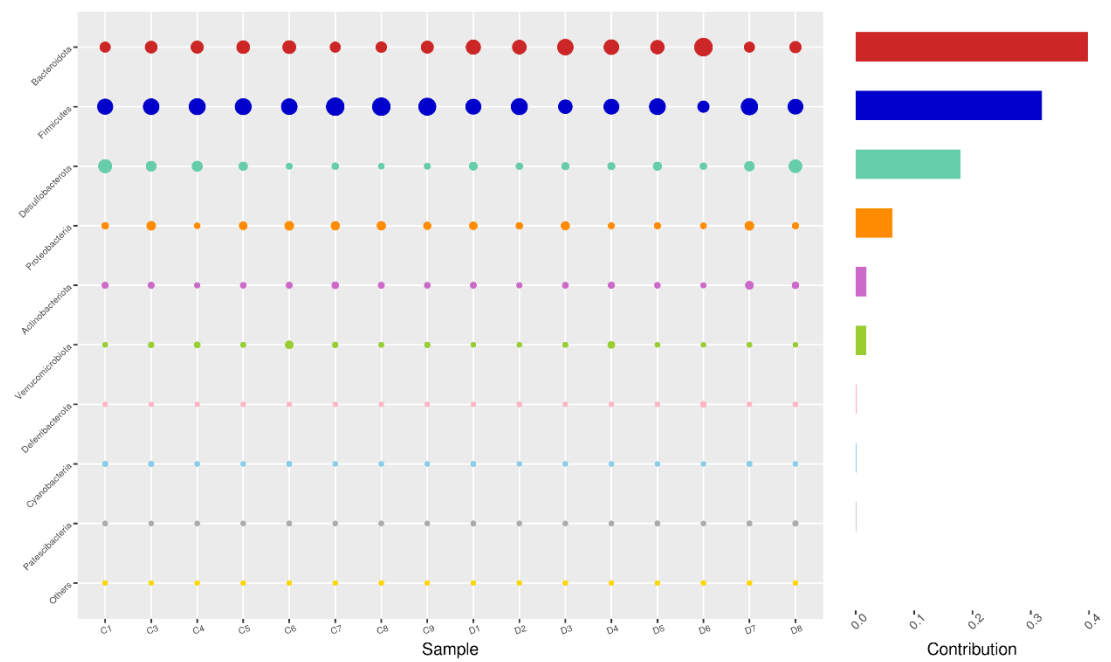


Fig.S2 Simper analysis at the phylum level.