

36038-Answering Reviewers

The authors would like to thank the reviewers for their kind and constructive comments and feel that they have strengthened the manuscript. Responses to each of the reviewer's comment are list below.

Reply to Reviewer #1

The presented in vitro study was based on our in vivo model. Our in vivo study showed that, compared with control group, significant visceral hypersensitivity in model rats was observed by abdominal withdrawal reflex score on the 21st to 28th day of model establishment. Frequency of defecation of model rats increased significantly on the 14th to 28th day of model establishment. The model rats' stool was mostly mushy. HE staining proved that intestine tissue samples in model rats showed no obvious pathological changes compared with rats in control group.

For the above reasons, we regarded these rats as IBS-D model. To provide this information for the general readers, we add sentences in introduction (page 5, line 27-30 to page 6 line 1-4).