Accepted Manuscript

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 PII:
 S0016-5085(17)36250-9

 DOI:
 10.1053/j.gastro.2017.10.009

 Reference:
 YGAST 61483

To appear in: *Gastroenterology* Accepted Date: 7 October 2017

Please cite this article as: Xiao L, Wu J, Wang J-Y, Chung HK, Kalakonda S, Rao JN, Gorospe M, Wang J-Y, Long Noncoding RNA uc.173 Promotes Renewal of the Intestinal Mucosa by Inducing Degradation of MicroRNA 195, *Gastroenterology* (2017), doi: 10.1053/j.gastro.2017.10.009.

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Long Noncoding RNA uc.173 Promotes Renewal of the Intestinal Mucosa

by Inducing Degradation of MicroRNA 195

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Running Title: LncRNA *uc.173* promotes gut mucosal growth

Submitted to:

Gastroenterology

Author Contributions: L.X. and J.W. performed most experiments and summarized data. J.Y.W., H.K.C, and S.K. performed experiments in vivo and biotin pull-down assays. J.N.R. performed experiments regarding miR-195 promoter. M.G. contributed to experimental design and data analysis. J.Y.W. designed experiments, analyzed data, prepared figures, and drafted the manuscript.

Abbreviations used: LncRNA, long noncoding RNA; T-UCRs, transcribed ultraconserved regions; IECs, intestinal epithelial cells; RBPs, RNA-binding proteins; miRNAs, microRNAs; pri-miRNA, primary miRNA; UTR, untranslated region; CR, coding region; miR-Luc, miR-195 promoter luciferase reporter.

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