

Inhibition of corticotropin-releasing hormone receptor 1 and activation of receptor 2 protect against colonic injury and promote epithelium repair

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Supplementary Table S1: Sequences of primer pairs used for qPCR.

Name	Forward Sequence	Reverse Sequence
<i>IL-6</i> ¹	CCAATTTCCAATGCTCTCCT	ACCACAGTGAGGAATGTCCA
<i>TNFα</i> ¹	TTCCGAATTCACCTGGAGCCTCGAA	TGCACCTCAGGGAAGAATCTGGAA
<i>iNOS</i> ¹	CTGCTGGTGGTGACAAGCACATTT	ATGTCATGAGCAAAGGCGCAGAAC
<i>GAPDH</i> ¹	TGAAGCAGGCATCTGAGGG	CGAAGGTGGAAGAGTGGGAG
<i>Lgr5</i> ²	TGCCATCTGCTTACCAGTGTTGT	ATTCCGTCTTCCCACCACGC
<i>Lyz1</i> ²	GAGACCGAAGCACCGACTATG;	CGGTTTTGACATTGTGTTCGC
<i>Muc2</i> ²	GAACGGGGCCATGGTCAGCA	CATAATTGGTCTGCATGCC
<i>IL-22</i> ³	CCCAGTCAGACAGGTTCCA	TGATCTCTCCACTCTCTCCA
<i>Bacteroidetes</i> ³	CRAACAGGATTAGATACCCT	GGTAAGGTTCCCTCGCGTAT
<i>Firmicutes</i> ³	TGAAACTYAAAGGAATTGACG	ACCATGCACCACCTGTC
<i>Universal</i> ³	AAACTCAAAGKAATTGACGG	CTCACRRCACGAGCTGAC

- 1 Li, B. *et al.* Intestinal epithelial injury induced by maternal separation is protected by hydrogen sulfide. *Journal of pediatric surgery* **52**, 40-44 (2017).
- 2 de Groot, R. E. *et al.* Retromer dependent recycling of the Wnt secretion factor Wls is dispensable for stem cell maintenance in the mammalian intestinal epithelium. *PLoS one* **8**, e76971 (2013).
- 3 Grasberger, H. *et al.* Increased Expression of DUOX2 Is an Epithelial Response to Mucosal Dysbiosis Required for Immune Homeostasis in Mouse Intestine. *Gastroenterology* **149**, 1849-1859 (2015).