



Figure S1. Concentrations of mannose in plasma and faeces of mice. (A) Mannose levels in the plasma after 60 min in mice treated with 2,000 mg/kg mannose. (B) Mannose levels of the faeces in mice treated with 2,000 mg/kg mannose. Data represent the mean \pm standard deviation. * $P < 0.05$ and ** $P < 0.01$ compared with the Control group.

Table S1. Primer sequences used for real-time qPCR

Gene	Forward primer	Reverse primer
mOccludin	TTGAAAGTCCACCTCCTTACAGA	CCGGATAAAAAGAGTACGCTGG
mClaudin1	AGCTGCCTGTTCCATGTACT	CTCCCATTTGTCTGCTGCTC
mZO-1	GCCGCTAAGAGCACAGCAA	GCCCTCCTTTTAACACATCAGA
mMUC2	AGGGCTCGGAACTCCAGAAA	CCAGGGAATCGGTAGACATCG
mVEGF	CCACGACAGAAGGAGAGCAGAAGTCC	CGTTACAGCAGCCTGCACAGCG
mArg-1	CCACAGTCTGGCAGTTGGAAG	GGTTGTCAGGGGAGTGTGATG
m β -actin	GGCTGTATCCCCTCCATCG	CCAGTTGGTAACAATGCCATGT
hVEGF	CACCATGCAGATTATGCGGA	GAGGCTCCAGGGCATTAGAC
hArg-1	GTGGAACTTGCATGGACAAC	AATCCTGGCACATCGGGAATC
hHIF-1 α	ATCCATGTGACCATGAGGAAATG	TCGGCTAGTTAGGGTACACTTC
h β -actin	GCCAGTAGAGGCAGGGATGATGTTC	CCATGTTTCGTCATGGGTGTGAACCA

m, mouse; h, human.