

Supplemental Data

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Title:

Antibiotics-induced depletion of rat microbiota induces changes in the expression of host drug-processing genes and pharmacokinetic behaviors of CYPs probe drugs

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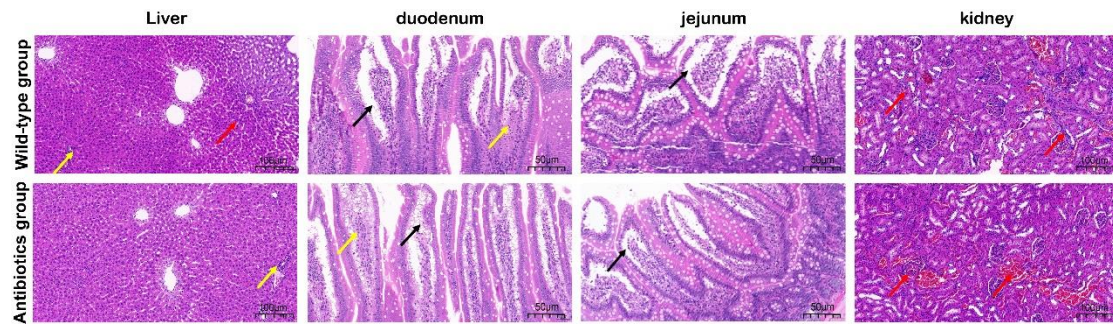
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Supplementary Table 1. Primer sequences were used for RT-qPCR in this study.

Gene	Forward primer (5'→3')	Reverse primer (5'→3')
<i>r-GAPDH</i>	TGAACGGGAAGCTCACTGG	GCTTCACCACCTTCTTGATGTC
<i>r-CYP1A2</i>	TCAACCTCGTGAAGAGCAGCA	GTCCTGGATACTGTTCTTGTTGAAGTC
<i>r-CYP2C6</i>	GACCTCATTCTACCAACCT	CCTCTCCTGCACACATCC
<i>r-CYP2C11</i>	CTGCTGCTGCTGAAACACG	TTTCATGCAGGGGCTCCG
<i>r-CYP2D1</i>	ACCCATGGCTTCTTTGCTTTTC	CGCGCCAAAAGACTGGTTT
<i>r-CYP2E1</i>	GACCTTCCCTCTTCCCATCCTTG	GTAGCACCTCCTTGACAGCCTTG
<i>r-CYP3A1</i>	TTCCATCTTATGCTCTTCACCG	ACCTCATGCCAATGCAGTTC
<i>r-AhR</i>	CTCCCTCCACAGTTGGCTTTGTTTG	GATTCTGCGCAGTGAAGCATGTCAG
<i>r-CAR</i>	CAGCCTGCAGGTTGCAGAAG	TTCCACAGCCGCTCCCTTGA
<i>r-PXR</i>	CTTGGAGGGAGGTTGGTAGTT	CTGCCACATGGAGTCAAATCA
<i>r-FXR</i>	CCAACCTGGGTTTCTACCC	CACACAGCTCATCCCCTTT



Supplementary Figure 1. Histopathology images of liver, duodenum, jejunum, and kidney tissues between wild-type rats and antibiotics-treated rats. Representative photomicrographs of the liver sections, duodenum sections, jejunum sections, and kidney sections, after 2 weeks of antibiotics treatments. No histological injury was observed in the liver, duodenum, jejunum, and kidney tissues.