

**Table S1.** Statistics of microbiota between Xinjiang Brown and Holstein cattle at the phylum level.

<b>Bacterial</b>	<b>Relative abundance</b>	<b>Relative abundance</b>
Rumen	Xinjiang Brown	Holstein
<i>Bacteroidetes</i>	0.52	0.54
<i>Firmicutes</i>	0.32	0.28
<i>Proteobacteria</i>	0.12	0.12
Patescibacteria	0.01	0.02
<i>Spirochaetes</i>	0.01	0.02
other	0.02	0.02
Feces	Xinjiang Brown	Holstein
<i>Firmicutes</i>	0.66	0.63
<i>Bacteroidetes</i>	0.29	0.32
<i>Spirochaetes</i>	0.02	0.03
Tenericutes	0.01	0.01
other	0.02	0.01