

**Table S2.**Most abundant families in the data set, representing 86.9% of all OTUs.

Family	Abundance in all samples (%, mean; range)	Abundance in mucosal samples (%, mean; range)	Abundance in stool samples (%, mean; range)	Abundance in donor Samples (%, mean; range)
<i>Lactobacillaceae</i>	<b>2.8</b> (0.0-64.8)	<b>3.0</b> (0.0-62.3)	<b>2.0</b> (0.0-64.8)	<b>0.0</b> (0.0-0.1)
<i>Bacteroidaceae</i>	<b>13.0</b> (0.0-63.7)	<b>11.8</b> (0.0-36.2)	<b>14.7</b> (0.0-62.4)	<b>20.9</b> (0.0-63.7)
<i>Prevotellaceae</i>	<b>4.2</b> (0.0-60.6)	<b>4.8</b> (0.0-60.6)	<b>2.1</b> (0.0-24.1)	<b>0.2</b> (0.0-1.3)
<i>Enterococcaceae</i>	<b>3.6</b> (0.0-39.0)	<b>3.0</b> (0.0-39.0)	<b>4.3</b> (0.0-29.6)	<b>0.2</b> (0.0-0.4)
<i>Clostridiaceae</i>	<b>12.4</b> (0.0-70.6)	<b>13.1</b> (0.0-58.5)	<b>14.0</b> (0.0-70.6)	<b>4.6</b> (0.0-11.4)
<i>Lachnospiraceae</i>	<b>11.5</b> (0.0-45.7)	<b>8.6</b> (0.0-28.7)	<b>9.6</b> (0.0-38.2)	<b>24.4</b> (10.7-45.7)
<i>Ruminococcaceae</i>	<b>12.8</b> (0.0-63.8)	<b>14.1</b> (0.0-39.0)	<b>11.5</b> (0.0-63.8)	<b>9.7</b> (0.0-20.8)
<i>Fusobacteriaceae</i>	<b>4.5</b> (0.0-66.7)	<b>7.0</b> (0.0-66.7)	<b>6.3</b> (0.0-58.9)	<b>1.1</b> (0.0-3.4)
<i>Alcaligenaceae</i>	<b>3.4</b> (0.0-33.0)	<b>5.1</b> (0.0-25.8)	<b>3.0</b> (0.0-33.0)	<b>0.0</b> (0.0-0.1)
<i>Enterobacteriaceae</i>	<b>12.5</b> (0.0-85.6)	<b>10.3</b> (0.0-80.4)	<b>17.6</b> (0.0-85.6)	<b>8.6</b> (0.0-26.1)
<i>Veillonellaceae</i>	<b>3.3</b> (0.0-35.0)	<b>2.5</b> (0.0-19.5)	<b>2.6</b> (0.0-35.0)	<b>3.1</b> (0.7-7.0)
<i>Erysipelotrichaceae</i>	<b>2.9</b> (0.0-18.5)	<b>3.0</b> (0.0-18.5)	<b>2.9</b> (0.0-16.9)	<b>0.5</b> (0.3-0.7)