

**Table 1 :** Relative abundance of significant vaginal genera on CIDR IN, CIDR OUT, and day of (fixed time artificial insemination) FTAI.

	<i>Ruminococcus</i>	<i>Clostridium</i>	<i>Blautia</i>	<i>Butyrivibrio</i>	<i>Mogibacterium</i>
CIDR IN	7.14% ± 0.35%	6.42% ± 0.27%	6.42% ± 0.33%	5.26% ± 0.37%	4.46% ± 0.26%
CIDR OUT	1.86% ± 0.35%	1.59% ± 0.27%	2.31% ± 0.33%	1.35% ± 0.37%	1.08% ± 0.26%
AI DAY	7.13% ± 0.35%	6.30% ± 0.27%	6.28% ± 0.33%	4.62% ± 0.37%	5.14% ± 0.26%
	<i>P</i> < 0.0001	<i>P</i> < 0.0001	<i>P</i> < 0.0001	<i>P</i> < 0.0001	<i>P</i> < 0.0001