

Supplementary Materials: Sodium Butyrate More Effectively Mitigates the Negative Effects of High-Concentrate Diet in Dairy Cows than Sodium β -Hydroxybutyrate via Reducing Free Bacterial Cell Wall Components in Rumen Fluid and Plasma

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Table S1. The primer sequences of target genes and the internal reference gene (*GAPDH*).

Gene.	Primer Sequence (5' to 3')	Product Size/bp	NCBI Accession No.
<i>IL-1β</i>	F: AGTGCCTACGCACATGTCTTC R: TCGGTCACACAGAACTCGTC	114	NM_174093.1
<i>IL-6</i>	F: TGCTGGTCTTCTGGAGTATC R: GTGGCTGGAGTGGTTATTAG	153	NM_173923.2
<i>IL-8</i>	F: ATGACTTCCAAGCTGGCTGTTG R: TTGATAAATTTGGGGTGGAAAG	149	NM_173925.2
<i>TNF-α</i>	F: CCACGTTGTAGCCGACATC R: CCCTGAAGAGGACCTGTGAG	155	XM_005223596.4
<i>TLR4</i>	F: AACGAAAGCAGAAAGCCACAG R: GACCAGGGGCTGAAGTAACAA	146	NM_174198.6
<i>PGLYRP2</i>	F: CAGGGCATGAGCCAAGAAGA R: GAGCCCACCACGAAACTGTA	299	XM_002688558.5
<i>TLR2</i>	F: TCTGCTCTTCAGGCAAAATTC R: CCAGTGATTTGACCTCCACTCT	103	NM_174197.2
<i>NOD1</i>	F: TGATGACGAAGTGGCAGAGAG R: CCCACGAGAAAACATCCCT	242	NM_001256563.1
<i>GAPDH</i>	F: GGGTCATCATCTCTGCACCT R: GGTCATAAGTCCCTCCACGA	176	NM_001034034.2

IL-1 β : interleukin-1 β ; *IL-6*: interleukin-6; *IL-8*: interleukin-8; *TNF- α* : tumor necrosis factor- α ; *TLR4*: Toll-like receptor 4; *PGLYRP2*: Peptidoglycan recognition protein 2; *TLR2*: Toll-like receptor 2; *NOD1*: nucleotide-binding oligomerization domain 1; *GAPDH*: glyceraldehyde-3-phosphate dehydrogenase.