Supplementary Materials: Chronic Effects of *Fusarium* Mycotoxins in Rations with or without Increased Concentrate Proportion on the Insulin Sensitivity in Lactating Dairy Cows

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Table S1. Sequence results of PCR products and their best hit gene in BLAST.

Symbol	Sequence results of PCR products	BLAST best hit gene (NCBI) description, Sequence ID	Identities
SLC2A1	CGCTCAGCCGCCTACCGCCAGCCCATCCTCATTGCCG TGGTGCTGCAG CTGTCCCAGCAGCTGTCCGGCATCAACGCTGTTTTCT ATTACTCCACAA GCATCTTCGAGAAGGCGGGGGTGCAGCAGCCCGTGT ATGCCACCATCG GCTCTGGCATCGTCAACACAGCCTTCACTGTCGTGTC TCTA	Bos taurus solute carrier family 2 member 1 (SLC2A1), mRNA NM_174602.2	185/186
SLC2A4	CTGCTGAGATCTGGTCAACGTCCTGCCACGGGTTTCA GGCACTTTTAA GAAGGTGAAGATGAAGAAGCCAAGCAGGAGGACCG CGAATAGAAGA AAGACGTAGGGACCCATAGCATCCGCCACATACTGG AAACCCATGCC GATGATGAAGTTGCATGTCCAGTTGGAG	Bos taurus solute carrier family 2 member 4 (SLC2A4), mRNA NM_174604.1	166/168
FBP1	ACAGAAGATTTCGAAAGATGACCCTTCTGAGAAGGA CGCTCTGCAGCC AGGCCGGAACCTGGTGGCTGCTGGCTATGCGCTCTA TGGCAGTGCCAC TATGTTGGTCCTGGCCATGGCGAATGGAGTCAACTGC TTCATGCTGGA CCCGGCCATTGGAGAGTTCATTTTGGTGGACAGGGA	Bos taurus fructose-bisphosphatase 1 (FBP1), mRNA NM_001034447.2	176/176
PCK1	GCAGCCGGCTGGCCAGGAGGAGGGGTGGCTGGCAG AGCACATGCTGA TTCTGGGCATCACCAACCCCAAGGGCCAGAAGAAGT ACTTCGCGGCTG CGTTTCCCAGCGCCTGTGGGAAGACCAACCTGGCCA TGATGAACCCTA CTCTCCCGGGATGGAAAGTAGAGTGTGTGGGTGATG ATATCGCCTGGA TGAAATTTGACCAACAAGGTAACTTGCGG	Bos taurus phosphoenolpyruvate carboxykinase 1 (PCK1), mRNA NM_174737.2	219/220
PCK2	CCTGGTATATGAGGCCTTCAACTGGCGCCACGGGGT GTTTGTGGGCAG TGCCATGCGCTCCGAGGCCACTGCAGCGGCTGAACA CAAAGGGAAGG TCATCATGCAAGTGGCTA	Bos taurus phosphoenolpyruvate carboxykinase 2, mitochondrial (PCK2), mRNA	105/105

		NM_001205594.1	
PC	TACTGGGGAGGAGCCACCTTTGACGTCGCCATGCGCTTCCTGTACGAG TGCCCCTGGCGACGGCTGCAGGAGCTCCGGGAGCTCGTCCCCAACATC CCATTCCAGATGCTGCTGCGGGGGGCCAACGCCGTGGGCTACACCAAC TACCCCGACAATGTGGTCTTCAAGTTCTGCGAGGTGGCCAAGGAGAAT GGCATGGACATC	Bos taurus pyruvate carboxylase (PC), mRNA NM_177946.4	203/203
CPT1A	GAAGCAGCGTTCTTCGTGACGTTAGACGAAACCGAGCAGGGATACAG GGAGGAGGACCCGGAAACGTCGATGGACAGCTACGCCAAGTCCCTGC TGCATGGCAGGTGTTTCGACAGGTGGTTTGAATGGCTGCCT	Bos taurus carnitine palmitoyltransferase 1A (CPT1A), mRNA NM_001304989.1	124/124
HMGS2	TTCACGCCTTTCTGCAGTTAGTCCAGAAATCCCTGGCCCGCCTGATGTT CAATGACTTCCTGTTGGCCAGTGGTGACACACAGACTGGCATCTACAA GGGCTTGGAGGCCTTCAGGGGACTAAAGCTGGAAAAGAACGCA	Bos taurus 3-hydroxy-3-methylglutaryl-CoA synthase 2 (HMGCS2), mRNA NM_001045883.1	126
HMGL	ATGCTGAGTCTTGAAGGCATCCAGAAATTTCCTGGCGTCAACTACCCA GTCCTGACCCCAAACTTCAAAGGCTTCCAGGCAGCGGTTGCTGCCGGA GCCAAGGAAGTGGCCATCTTTGGAGCCGCCTCTGAACTCTTCACCAAG AAGAACATCAACTGCTCCATAGATGAGAGTTTGCAGCGGTGAGAA	Bos taurus 3-hydroxymethyl-3-methylglutaryl-CoA lyase (HMGCL), mRNA NM_001075132.1	184/186
BDH2	TGTCCATCTCTGCAGAAGATACAAGCCAGACCAAATCCTGAAGAGGC ACTGAGCGATTTCCTAAAGAGACAGAAAACAGGAAGATTTGCAACTG CAGAAGAAGTAGCCCTGCTCTGCGTGTACTTGGCCTCTGATGAATCTG CCTACATCACGGGGAATCCTGTT	Bos taurus 3-hydroxybutyrate dehydrogenase 2 (BDH2), mRNA NM_001034488.2	161/164
ACCA	TACAGTCACTATGAAGTGGATCAGAGATTTCATAGAGAATTTCCTAAA TTTTTCACGTTCCGAGCAAGGGATAAGTTTGAGGAAGATCGTATCTAT CGTCACCTGGAGCCTGCCCTAGCTTTCCAGTTAGAGCTGAACCGGATG AGAAAACTGAA	Bos taurus acetyl-CoA carboxylase alpha (ACACA), mRNA NM_174224.2	146/147

FASN	AGGTCACTGCAGTCCTTCGATGCATCAGGGAATGGC TACTGCCGTGCA GAGGCTGTGATGGCCATCCTTCTGACCAAGAAGTCC CTGGCCCGACGG GTGTACGCCACCATCCTCAACGCTGGCACCAACACG GATGGCTGCAAA GAGAAAGA	PREDICTED: Bos taurus fatty acid synthase (FASN), transcript variant X1, mRNA XM_005220997.2	150/153
GPAM	CTATGGGCATATAGTTGACTACTGCGACAGCAGCAG TTCTTGGAGATT TTTCTGGAAGGCACACGCTCAAGAAGTGGAAAAATC CCTGTGCTCGGG CAGGACTTCTGTCAGTTGTGGTAGATACGCTGTCCAC CAATACGAACT G	Bos taurus glycerol-3-phosphate acyltransferase, mitochondrial (GPAM), mRNA NM_001012282.1	136/141
DGAT1	AGAGCGCCTGGCCGTGGGAGCTCTGACGGAGCAGG CGGGGCTGCTGC TGCACGGGGTCAACCTGGCCACCATTCTCTGCTTCCC AGCGGCCGTGG CCTTTCTCCTCGAGTCTATCACTCCAGTGGGCTCCGT GCTGGCCCTGAT GGTCTACACCATCCTCTTCCTCAAGCTGTTCTCCTAC CGGACCCTCCTG A	Bos taurus diacylglycerol O-acyltransferase 1 (DGAT1), mRNA NM_174693.2	182/182
ACSL1	TGTGTAGTGAGCGATTGTTCAGCATTTGTGAAATGAC AGAGAACACGT TCATTCCTACCTCAGATGACACTTTGATCTCTTTCTTG CCTCTGGCCCA TATGTTTGAGAGAGTTGTAGAGTGTGTGATGCTCTGT CATGGAGCTAA AATAGGATTTTTCCAAGGAGATATCAGGCTGCTTATG GATGATCTCAA GGCCAA	Bos taurus acyl-CoA synthetase long chain family member 1 (ACSL1), mRNA NM_001076085.1	195/196
GUSB	ATTGAGGGTTTCACGAGGATCCACCACTGATGTTCA GTGAAGAGTACC AGAAAGGCCTGCTCCAGCAGTATCATGTGGTTCTGG ACCAAAAACGCA AAGAATATGTGGTTGGCGAGCTCAC	Bos taurus glucuronidase beta (GUSB), mRNA NM_001083436.1	118/119