

Supplementary Table 1 Antibodies used for western blot analysis.

Target protein	Primary Ab	Dilution	Secondary Ab	Dilution
Actin	Mouse polyclonal, Thermo Fisher Scientific, #MA5-11869	1:1000	Goat anti-mouse polyclonal, Sigma-Aldrich, #A5278	1:10000
Ferritin light chain	Rabbit polyclonal, Abcam, #ab69090	1:1000	Goat anti-rabbit polyclonal, Sigma-Aldrich, #A6154	1:10000
Ferritin heavy chain	Rabbit polyclonal, Abcam, #ab65080	1:1000	Goat anti-rabbit polyclonal, Sigma-Aldrich, #A6154	1:10000
Ferroportin	Rabbit polyclonal, Novus Biologicals, #NBP1-21502	1:1000	Goat anti-rabbit polyclonal, Sigma-Aldrich, #A6154	1:10000

Supplementary Table 2 Specific primer sequences for pigs used for real-time PCR.

Gene	Forward (5' – 3')	Reverse (5' – 3')	Amplicon Size, bp	Gene Bank
GAPDH	CCCCTTCATTGACCTCCACT	CCCATTTGATTTTGGCGGGA	158	AF017079.1
Hepcidin	ATCCCAGACAAGACAGCTCA	TCTTGCAGCACATCCCACAGA	164	NM_214117.1
HPRT	GGCCATCACATCGTAGCCCT	TCGCCC GTT GACTGGTCATT	164	NM_001032376.2
Interleukin 1 β	GCTAACTACGGTGACAACAATAATG	CTTCTCCACTGCCACGATGA	186	NM_214055.1
Interleukin 6	AAGGTGATGCCACCTCAGAC	TCTGCCAGTACCTCCTTGCT	151	JQ839263.1
Toll-like receptor 4	TCAGTTCTCACCTTCCTCCTG	GTTTCATTCCTCACCCAGTCTTC	166	GQ503242.1
Tumor necrosis factor α	AAGACACCATGAGCACTGAGA	CGACCAGGAGGAAGGAGAAG	132	JF831365.1