

Supplementary Table S1: Sequences of RT-qPCR primers.

Gene	Forward Primer	Reverse Primer
<i>ACT2</i>	5'-CCAAGCTGTTCTCTCCTTGTACGC-3'	5'-TCACCAGAATCCAGCACAATACC-3'
<i>FPN3</i>	5'-GTGGGTTCTTTGCCAACCATGAC-3'	5'-TTAGGACGGTCCAGAACTCCAG-3'
<i>FPN1</i>	5'-TTGCAAGATGGAGTGCCAGAAC-3'	5'-AATGGCAGCGAGAAGCAGAGAG-3'
<i>FPN2</i>	5'-TGCTGCTTCTAGGCTTGGTTTG-3'	5'-TCCTGCATTTGCTGGATTACCG-3'
<i>MIT1</i>	5'-GCAGTTGCAATGTCAGGGTGTG-3'	5'-TCACTATTGTACGGAACACATCGC-3'
<i>MIT2</i>	5'-ATTGGCAGCTGCTGTGACTACG-3'	5'-TCACATCCACACACACCCTGAC-3'
<i>YSL4</i>	5'-TCGTTCCACTTCGCAAGGTGATG-3'	5'-ACATTGCTGTAGCGGTTCCACTG-3'
<i>YSL6</i>	5'-TCGTTCCGTTACGCAAGGTG-3'	5'-AGCTCCAGTGTTGGTGTGGAAG-3'

Supplementary Table S2: NanoString Custom CodeSet

Gene	Target Sequence
<i>ACT2</i>	TGATGAGGCAGGTCCAGGAATCGTTCACAGAAAATGTTTCTAAGCTCTCAAGATCAAAGGCTTAAAAAGCTGGGGTTTTATGAATGGGATCAAAGTTTCT
<i>FER1</i>	CAAATCTCAGGCGGCTCAACACTATCCTCTTCTACATTTTCCAACGATGGCCTCAAACGCACTCTCGTCTTTCACCGCCGCTAATCCCGCTCTGTCTCCT
<i>FER3</i>	GTGTGGAAGAACGAGAGCACGCTGAGCTGTTGATGGAGTATCAGAACAAACGTGGTGGGAGGGTCAAGTTACAGCCCATGGTGTTCCTCAGTCTGAGTT
<i>FER4</i>	TAAAAGCTCAACCACCGACGCGCTAAGCGGGGTTGTCTTCGAGCCGTTTAAAGGAAGTAAAAAAGGAGCTCGATCTCGTCCCTACCAGCTCTCATCTCTCA
<i>FRO2</i>	AAGCTTTGGTTATGGTGTGCGGAGGAAGCGGGATAACTCCGTTTATCTCTGTTATTCGTGATTTGATCGCCACAAGCCAAAAGGAAACATGCAAAATCCC
<i>FRO3</i>	CCATACCTTTGTCACCATCACTCCTCAATCACTTCCAACCGACGGAGATAACTTATGGCAAGCAAGGCTGGATTCAATAGCAGTAAGGTTAGGTCTAACA
<i>FRO7</i>	CTGGATCACTCGGTGATCAAATCCTCACAAACTGGAGAGCAATCTCCTCCAACACTCTCTTTGGCCTCACAGGAAGCATGTTCTTAATTTTCAGTGGTCC
<i>FRO8</i>	TCATGCCGGTGATCGTCACTTCTACTGGGTCTCCAGGCATGTTTCTCTTTGGACTCGACAAGATACTTCGGATTGTTCAATCACGATCTGAAAGCTGC
<i>NRAMP4</i>	ACGGTGTGTTGCCAAGTCGTTTTACGGGACAGAGATAGCGGACACCATCGGTCTTGCAAATGCTGGACAGTACTTACAGGACAAAATACGGGGGTGGGTTTT
<i>UBC</i>	GCGTGATGTTGTTGAGCAAAGCTGGACTGCTGACTAGTAGTAGTTTGTGTAAGCGTTGTAGCTCTCTCTACTTTCTCTCAATCACGATTCAGCAACAGC