**Supplemental Table. 1** Primers used for real-time PCR

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| Gene | Sequence 5’ to 3’ (forward/reverse) | Fragment (bp) | Accession No. |
| DMT1  | CTTCCCTCCCACATTCCACC/ CCTGTGAAGGCCCAGAGTTT | 124 | NM\_013173.2 |
| FPN1 | ACGGAAACAGCCTCCTCTTG/ GGACGTCTGGGCCACTTTAA | 125 | NM\_133315.2 |
| TFR1 | ACTATGGAGCTGTTGGTGCC/ TGCTAGTACCCAGGACGACT | 108 | NM\_022712.1 |
| HAMP | ACGAGACAGACTACGGCTCT/ TCTCGCTTCCTTCGCTTCAG | 93 | NM\_053469.1 |
| β-actin | TCTGTGTGGATTGGTGGCTC/ CGGACTCATCGTACTCCTGC | 85 | NM\_031144.3 |

FPN1, ferroportin 1; DMT1, divalent metal transporter 1; TFR1, transferrin receptor 1; HAMP, hepcidin.