**Supplementary file 1**

**Long-term alcohol ingestion causes dysregulation of iron homeostasis, but not hepatic iron accumulation, in mice**

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**Table 1:** List of primers used for qPCR

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Gene** | **Accession number** | **Forward primer** | **Reverse primer** | **Amplicon length** |
| 1 | Hepcidin1 | NM\_032541.1 | ACATTGCGATACCAATGCAGAA | GCAACAGATACCACACTGGGA | 104 |
| 2 | Ferritin (L) | NM\_010240.2 | CGGACCCTCATCTCTGTGAC | CGGAGGTTGGTCAGATGGTT | 94 |
| 3 | Ferritin (H) | NM\_010239.2 | AGACCGTGATGACTGGGAGA | TGAAGTCACATAAGTGGGGATCA | 134 |
| 4 | Transferrin receptor 1 (TfR1) | NM\_011638.4 | GAGGCGCTTCCTAGTACTCC | CTTGCCGAGCAAGGCTAAAC | 121 |
| 5 | Transferrin receptor 2 (TfR2) | NM\_015799.3 | GGTCCTGATCACCCTGCTAA | GGAGGTCGCTCCAGTACAAC | 158 |
| 6 | BMP6 | NM\_007556.2 | TGTGAACCTGGTGGAGTACG | AAACTCCCCACCACACAGTC | 147 |
| 7 | HO-1 | NM\_010442.2 | GAGCAGAACCAGCCTGAACT | AAATCCTGGGGCATGCTGTC | 72 |

**Table 2**: List of antibodies used for western blotting

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No** | **Antibody** | **Supplier (catalogue number)** | **Dilution** | **Blocking buffer** |
| 1 | CYP2E1 | Abcam (ab-19140) | 1:2500 | 5% NFDM in TBST |
| 2. | Ferritin (L) | Santa Cruz (sc-14420) | 1:1000 | 5% NFDM in TBST |
| 3. | TfR1 | Life technologies (13-6800) | 1:1000 | 5% NFDM in TBST |
| 4 | TfR2 | Alpha Diagnostics (TFR21-A) | 1:1000 | 5% NFDM in TBST |
| 5 | Ferroportin | Alpha Diagnostics (MTP 11-A) | 1:1000 | 5% NFDM in TBST |
| 6 | DMT1 | Santa Cruz (sc-30120) | 1:200 | 5% NFDM in TBST |
| 7 | HO-1 | Santa Cruz (sc-10789) | 1:200 | 5% NFDM in TBST |

**Abbreviations:** CYP2E1, cytochrome P450 2E1; TfR1, transferrin receptor 1; TfR2, transferrin receptor 2; DMT1, divalent metal transporter 1; HO-1, heme oxygenase – 1; NFDM, non-fat dry milk; TBST, tris buffered saline with 1% Tween-20