Supplemental Table 5. Percent change of tissue and blood Mn in male Zip8 inducible global (iKO) and liver-specific (LSKO) knockout mice and Zip8 393T-KI heterozygous and homozygous mice compared to age and sex-matched controls. The data for the iKO and LSKO models (12-14 weeks of age) are taken from previous publication (Lin, et al., JCI, 2017; PMID 28481222). The Zip8 393T-KI mice were 9-14 weeks for whole blood Mn measurements; 8-10 weeks for tissue measurements. N.R., not reported; N.S., non-significant.

|                | Zip8 iKO | Zip8 iKO Het | Zip8 LSKO | Zip8 393T-KI Het | Zip8 393T-KI Hom |
|----------------|----------|--------------|-----------|-----------------|-----------------|
| Liver          | -77%     | -39%         | -69%      | -19%            | -28%            |
| Kidney         | -52%     | -32%         | -49%      | -17%            | -21%            |
| Brain          | -31%     | -23%         | -34%      | N.S.            | N.S.            |
| Heart          | -27%     | -14%         | -47%      | N.S.            | N.S.            |
| Small intestine| N.S.     | +34%         | N.S.      | N.S.            | N.S.            |
| Whole blood    | N.R.     | N.R.         | -65%      | N.S.            | -18.9%          |