

TABLE S3. TaqMan SNP genotyping assay details.

| Gene | SNP ID | Forward primer | Reverse primer |
|-------------|------------|--------------------|-----------------------|
| <i>GPX1</i> | rs1050450* | CACTGCAACTGCCAAGCA | CAGACCATTGACATCGAGCCT |
| <i>SOD2</i> | rs4880 | Not available** | Not available** |

*Custom design genotyping assay

**ThermoFisher Scientific does not provide primer sequences for SNP TaqMan assays available on their database