

Supplemental Table 1. Nine *COX-2* SNPs used for genetic analysis

| SNP ID | Allele Change | Relative Position | Chromosome Position [†] | Function | Amino Acid Change |
|-----------|---------------|-------------------|----------------------------------|-------------|-------------------|
| rs689466 | A>G | -1329 | 184917374 | 5' | |
| rs20417 | G>C | -899 | 184916944 | 5' promoter | |
| rs2745557 | G>A | +201 | 184915844 | intron 1 | |
| rs5277 | C>G | +1225 | 184914820 | exon 3 | Val102Val |
| rs2066826 | G>A | 6+38 | 184912550 | intron 6 | |
| rs5275 | A>G | +6364 | 184909681 | 3' UTR | |
| rs2206593 | G>A | +6993 | 184909052 | 3' UTR | |
| rs689470 | G>A | +8364 | 184907681 | 3' UTR | |
| rs4648310 | A>G | +8897 | 184907148 | 3' | |

[†]SNP position based on dbSNP build 129