**Table S1:**

**Primer sequences and PCR conditions for serial amplification of promoter regions in *MYOC***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Primer Sequence | **cis-elements of interest present in the DNA fragment** | **Annealing temp. (0C)** | **Mg2+ conc. (mM)** | **Product size (bp)** |
| *Forward primers (5’-3’)* |  |  |  |  |
| **TIGR45aF**-CCGCCTCGAGCCTACCTTCGTGGAGGTGAC | 2 AP1 & 21/2 ERE site | 54 | 2.0 | 3194 |
|  |  |  |  |  |
| **TIGR45cF**-CCGCCTCGAGCAGCGATGTTTACTATCTG | 2 AP1 & 1/2 ERE site | 56 | 2.0 | 1449 |
|  |  |  |  |  |
| **TIGR45dF**-CCGCCTCGAGCAGTTGTTGCAGATACGTTGTAAG | 2 AP1 sites | 60 | 2.5 | 900 |
|  |  |  |  |  |
| **TIGR45eF**-CCGCCTCGAGGAAGAGTTCCCCAGATTTCACC | 1 AP1 site | 52 | 3.0 | 700 |
|  |  |  |  |  |
| *Common reverse primer for all 4 forward primers (5’-3’)* |  |  |  |  |
| TIGR45R-GCGCAAGCTTGCTGAGAGGTGCCTGGATGG |  |  |  |  |