**Table S2: Primers used for ChIP assay**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Primer name** | **Primer sequence (5’-3’)** | **Genomic region** | **Annealing temperature** | **Product size** |
|  |  |  |  |  |
| TIGR19PF | GGTGAGCAAAGCAGTCACTG | Myocilin promoter | 58oC | 308bp |
| TIGR19PR | GGAGTCTCCAGCTCAGATGC |
|  |  |  |  |  |
| TYR-1PF | GCCATGAATTTCAGTTTCCCTA | Tyrosinase promoter | 58˚C | 539bp |
| TYR-1PR | CCTGATGCATTTTCTGACAACTCC |
|  |  |  |  |  |