|  |  |  |
| --- | --- | --- |
| Gene name | Primer sequence (5’-3’) | PCR produce size (bp) |
| Actin | F: GCCGTGACCTTACAGATGC  | 204 |
| R: TGGTGATAACCTGCCCGT | 204 |
| SOD | F: CACTACAAAGCAGCACATTCAC  | 195 |
| R: GAGTTTGAGAGAGACGCCG | 195 |
| POD | F: ACCAATTCCAACTACACAGAGC | 188 |
| R: CCATTCACATCAACCTTATCAA  | 188 |
| CAT | F: CATTTTGCCCTGGTATTGTG | 101 |
| R: CAGACGGTGCCTTTGAGTAT | 101 |
| APX | F: GGAGTGGTTGGGGAAAATC | 165 |
| R: TGACAGCATCGGTAGGCA  | 165 |
| MDHAR | F: CTCGTCAATCCGCACAACA | 114 |
| R: TCCTGGGGCTCCCTTCAT  | 114 |
| DHAR | F: TCACTGTCAACAAATGGCTCT | 206 |
| R: ACTTCACTACTGGCACCTTCC  | 206 |
| GR | F: TACGAAGAACTTGGGATTGG  | 240 |
| R: GGTTGGGAAAACACAGCAGAT | 240 |

Table S1.The primer sequences by qRT-PCR analysis.