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| **Gene** **(wormbase accession No)** | **Primer sequences** |
| *daf-2* (Y55D5A.5a) | 5' TGGTCGAAACTTGGTGATCC 3'5' CAAATGAGATTGTCAGCGAACC 3' |
| *sir-2.1* (R11A8.4a) | 5' GATGCACCCGAAACAAACAC 3'5' GTCTTTGAGCACGACGAAGA 3' |
| *daf-16* (R13H8.1a) | 5' CAACTCGAACCACCACTCAA 3'5' TTGCTCATTGCTCCCGTATAG 3' |
| *sod-1* (C15F1.7a) | 5' GGATCACACAGAAGTCCGAAA 3'5' CCACATTTCCTAGATCGCCTAC 3' |
| *sod-2* (F10D11.1) | 5' TCGCTGCCAGATTTACCATAC 3'5' ATGTCCTCCTCCATTGAACTTG 3' |
| *sod-3* (C08A9.1) | 5' GCCACCTACGTGAACAATCT 3'5' ACCGAAGTCGCGCTTAATAG 3' |
| *cyp-35a1* (C03G6.14) | 5' TATGCCGATATAGCTCACGCTCCA 3'5' TCCAGTGACTACCGTTCGTTACCA 3' |
| *cyp-35a2*(C03G6.15) | 5' CCACGTGAGCATTGCGGATTATGA 3'5' TCTTGCCAGTGATCACCGTTGGTA 3' |
| *cyp-35a3* (K09D9.2) | 5' ATGGCGGATGCTCAAGAAATAGCG 3'5' CAGGAAAGCGTCAGTGTAATCTTGGAG 3' |
| *cyp-35a4* (C49G7.8) | 5' TGGTTACTAACGGAGATCACTGGC 3'5' TGATGTATCAATCTCGGCGCACCT 3' |
| *cyp-35a5* (K07C6.5) | 5' TGACTTGTGGCTGACTGGTCAAGA 3'5' ACCTCTGGATGTGCAAGAAGGTGA 3' |
| *gpd-1* (T09F3.3) | 5' TGTTTCCGTCGTTGATCTGACCGT 3'5' TAGGCGAGGATTCCCTTCATTGGT 3' |

**Table S1.** List of genes and primers used for qPCR analysis.