| Gene   | Primer sequences                       |
|--------|----------------------------------------|
| MyoD   | Forward: 5’-ACGACTGCTTTTCTCCACTCCTC-3’  |
|        | Reverse: 5’-TCGTCTTAACTTTTCTGCCACTCCG-3’ |
| MyoG   | Forward: 5’-GCCATCCAGTACATTGAGCG-3’    |
|        | Reverse: 5’-AGATTGTGGCGTCTGTAGG-3’    |
| Ubiquitin | Forward: 5’-GACAGGCAAGACCATCACC-3’  |
|        | Reverse: 5’-CACCCAAGAACAAGCAACA-3’    |
| MuRF-1 | Forward: 5’-CCTACTTGCTCCTTGTGC-3’     |
|        | Reverse: 5’-TCCTGCTCCTGCGTGAT-3’      |
| Atrogin-1 | Forward: 5’-TGTGCTGGTGGCAACATTA-3’   |
|         | Reverse: 5’-CTCTTTACAGTAGCCGGTC-3’    |
| GAPDH  | Forward: 5’-CATCACTGCCACCAGAAGACTG-3’ |
|        | Reverse: 5’-ATGCCAGTGAGCTTCCCAGTTC-3’ |