| Official Full Name                                      | Official Symbol | Gene ID | Forward primer                      | Reverse primer                      |
|--------------------------------------------------------|----------------|--------|-------------------------------------|-------------------------------------|
| TNF receptor associated factor 2                       | Traf2          | 22030  | TAGTTCGGCCCTTCCAGATAACG             | CAAGTGATCATCCATTTGGGA               |
| Nuclear factor of kappa light polypeptide gene enhancer in B cells, alpha | IkBa           | 18035  | ATTAAACCTGTAACCAAGACG               | GGGCATATGACATTGGCTCCA               |
| Ankyrin 1, erythroid                                   | Ank1           | 11733  | ATTAAACCTGTAACCAAGACG               | GGGCATATGACATTGGCTCCA               |
| Nuclear factor of kappa light polypeptide gene enhancer in B cells 1 | Nfrb1          | 18033  | ATGGCAGACGAGTAGATCCCTAC             | TGTTGACAGTTGATTATTGGTG              |
| Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 | Nfrb2          | 18034  | GGGCAGGACGACTATCTACT               | CTACGACAGACACACACT                  |
| NADH:ubiquinone oxidoreductase subunit A2              | Ndufa2         | 17991  | TTGCTGAGATGGCCTTCA                 | ATTCCGAGATCAAGTGGG                |
| Succinate dehydrogenase complex, subunit A             | SDHA           | 66945  | GGACACCTCAAAAACAGACCT              | CCAACAGTGGTAATGATGAGA               |
| Succinate dehydrogenase complex, subunit B             | SDHB           | 67680  | AATTTGCCATTTACGACGTGGGA            | AGATACCAACACATAGGTC                 |
| Ubiquinol-cytochrome c reductase core protein 1        | Uqrc1          | 22273  | AGACCCAGTGCACATCTTG                | GGGCATTCTTTGTCCTTTGA               |
| Cytochrome c-1                                         | Cyc1           | 66445  | CAGCTTCAAGTCGACGAC                 | GGCACTCAGCAGAGATGGA                |
| Cytochrome C Oxidase Subunit 4II                       | Cox4II         | 12857  | ATTGGCAAGAGACCATTTCTAC             | CACGCCGATCAGTAGTAATG               |
| Cytochrome c oxidase subunit 5A                        | Cox5A          | 12858  | ATGCCTGAAGATGGGTAACAG              | TGGCGAAGACATGACAAAT                 |
| ATP synthase, H+ transporting mitochondrial F1 complex, beta subunit | Atp5B         | 11947  | GGTTTATCTGCGCAGAGACTA             | AACCTCAGTGGTAGTCCG                 |
| ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit 1 | Atp5a1        | 11946  | TCTCCTGACTCCTAAGCTCG              | CAGGTCAGAACAGGTGTCAG               |
| Superoxide dismutase 1                                | Sod1           | 20655  | TGTTGAGATGAAAGAAACAA              | GGTTCACGGCAGACCTCCCAA              |
| Superoxide dismutase 2                                | Sod2           | 20656  | CACACCTGCCTAGCTAGATG               | CTCGGTGAGTGGAGATGTTG               |
| Catalase                                               | Cat            | 12359  | CACGGGCTCAAGTAGAGTTG               | TGGCGTCTTCGCTAAGATGTTG             |
| Peroxisome proliferator-activated receptor-gamma coactivator (PGC)-1alpha | PGC-1α        | 19017  | TCACCCAACACCCACAGAGAA             | TTGCGGCGATTGGTGACTC               |
| NADPH oxidase 2                                         | Nox2           | 13058  | TGTTGAGATGGGCGTAGTC               | CTGAGAAAAGAGACAGATTCG              |
| NADPH oxidase 4                                         | Nox4           | 50490  | GAGAAGGGTAAACACCTTCG              | ATGGTCTGTTAAACACACACT              |
| Ribosomal Protein Lateral Stalk Subunit P0             | Rplp0          | 11837  | CACGACGGTGTTGGACACG               | TCCAGAAACGAGAGTGGCAG              |