**Supplementary Table 2. Primer sequences.**

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| **Gene** | **Forward primer** | **Reverse primer** |
| **Human** | | |
| BRD4 | CTAAACTGGAGGCCCGTGAGT | CAAAGCGCATTTCGAACACA |
| SOD2 | TGGTGTCCAAGGCTCAGGTT | TAGTAAGCGTGCTCCCACACA |
| GSDMD | AGGAAGCCCTCAAGCTCATG | CCCTGTATCTGCCCATCCAT |
| β-actin | GGGAAATCGTGCGTGACATT | GGAACCGCTCATTGCCAAT |
| **Mouse** | | |
| BRD4 | CGATTGATGTTCTCCAACTGCTA | CTGCAGGAGAGGACACTGTAACAA |
| NLRP3 | CTGCGGACTGTCCCATCAAT | AGGTTGCAGAGCAGGTGCTT |
| GSDMD | CAGAACCAGAACCGGAGTGTTT | CATTCATGGAGGCACTGGAA |
| IL-6 | ACCACTCCCAACAGACCTGTCT | CAGATTGTTTTCTGCAAGTGCAT |
| TNF-α | ACAAGGCTGCCCCGACTAC | TGGGCTCATACCAGGGTTTG |
| FASN | CATGACCTCGTGATGAACGTGT | CGGGTGAGGACGTTTACAAA |
| SREBP-1c | TCAAAACCAGCCTCCCAAGA | CCCCGTCCACAAAGAAACG |
| ADRP | GTCTCGTGGGTGGAGTGGAA | GGCGTTGACCAGGACAGTCT |
| Acox-1 | ATGGTTTTCGTAAGGTCCTTCCT | CTGCGTCTGAAAATCCAAAATCT |
| β-actin | AGAGGGAAATCGTGCGTGAC | CAATAGTGATGACCTGGCCGT |