# Supplemental Tables (Tables S8 and S9)

## Whole-transcriptome sequencing analyses of Nuclear Antixoxidant-1 in Endothelial Cells: Role in inflammation and Atherosclerosis

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**Supplementary Table S8**: Primer sequences utilized for ChIP–qPCR experiment

| Target gene | Position of binding site in genome | Primer sequence (5'-3') |
|---|---|---|
| ADRB1 | Chr10:115801066-115801354 | Forward- TTCCGGTAACACCACTTGACA |
| | | Reverse- GGGTGAGGCATAGGGAATGT |
| CCN2 | Chr6:132273291-132273700 | Forward- CCCAAGGAACATGCAGCCT |
| | | Reverse- CACCCAGGGAGAATAAAGCC |
| CSF1 | Chr1:110451188-110451436 | Forward- ACCACTCCTTTGGGGAAAGTC |
| | | Reverse- GGCCTGAAGACAGTAAGTGC |
| IL5RA | Chr3: 3133776-3134106 | Forward- GTTGGCTCCACTCACTCCAG |
| | | Reverse- TTCTTCTAATGCTATCTTTCCCCAC |
| PIM1 | Chr11:37140611- 37140991 | Forward- CCACTCTCCTTAGCCCAGAG |
| | | Reverse- GGCTATACACTCGGGTCCCT |
| MDM2 | Chr12: 69201981-69202226 | Forward- TGTGTGTCGGAAAGATGGAGC |
| | | Reverse- CAGGATCTCGGTCAGAGGGG |
| CD137 | Chr1:8000546-8000923 | Forward- ATCACTCTTCCCCCTTTAGCTG |
| | | Reverse- TTTGCTCCCTTTGCCCATTTC |

**Supplementary Table S9:** Primers used for qPCR

| Gene target | Primer sequence (5'-3') |
|---|---|
| CDC25A - Forward | TCTGGACAGCTCCTCTCGTCAT |
| CDC25A - Reverse | ACTTCCAGGTGGAGACTCCTCT |
| CREBBP - Forward | AGTAACGGCACAGCCTCTCAGT |
| CREBBP - Reverse | CCTGTCGATACAGTGCTTCTAGG |
| CDC45 - Forward | TGGATGCTGTCCAAGGACCTGA |
| CDC45 - Reverse | CAGGACACCAACATCAGTCACG |
| TRAF1 - Forward | CGATGGCACTTTCCTGTGGAAG |
| TRAF1 - Reverse | TACAGCCGCAGGCACAACTTGT |
| CSF1 - Forward | TGAGACACCTCTCCAGTTGCTG |
| CSF1 - Reverse | GCAATCAGGCTTGGTCACCACA |
| MAP3K14 - Forward | GGAATACCTCCACTCACGAAGG |
| MAP3K14 - Reverse | CTGTGAGCAAGGACTTTCCCAG |
| SESN2 - Forward | AGATGGAGAGCCGCTTTGAGCT |
| SESN2 - Reverse | CCGAGTGAAGTCCTCATATCCG |
| MDM2 - Forward | TGTTTGGCGTGCCAAGCTTCTC |
| MDM2 - Reverse | CACAGATGTACCTGAGTCCGATG |
| GTSE1 - Forward | CTCTACCAGCAATCTCGCAAGG |
| GTSE1 - Reverse | GACTTGCTGATGTTTGACAGAGG |
| TP73 - Forward | CATGGAGACGAGGACACGTACT |
| TP73 - Reverse | TGCCGATAGGAGTCCACCAGTG |
| TAZ - Forward | GAGGACTTCCTCAGCAATGTGG |
| TAZ - Reverse | CGTTTGTTCCTGGAAGACAGTCA |
| FZD5 - Forward | TGGAACGCTTCCGCTATCCTGA |
| FZD5 - Reverse | GGTCTCGTAGTGGATGTGGTTG |
| ADRB1 - Forward | TTCCTGCCCATCCTCATGCACT |
| ADRB1 - Reverse | GTAGAAGGAGACTACGGACGAG |
| CCN2 - Forward | CTTGCGAAGCTGACCTGGAAGA |
| CCN2 - Reverse | CCGTCGGTACATACTCCACAGA |
| PIM1 - Forward | TCTACTCAGGCATCCGCGTCTC |
| PIM1 - Reverse | CTTCAGCAGGACCACTTCCATG |
| LMO2 - Forward | GCGCCTCTACTACAAACTGGGC |
| LMO2 - Reverse | CTCATAGGCACGAATCCGCTTG |
| ADIPOQ - Forward | CAGGCCGTGATGGCAGAGATG |
| ADIPOQ - Reverse | GGTTTCACCGATGTCTCCCTTAG |
| ERBB3 - Forward | CTATGAGGCGATACTTGGAACGG |
| ERBB3 - Reverse | GCACAGTTCCAAAGACACCCGA |
| CD137 - Forward | TCTTCCTCACGCTCCGTTTCTC |
| CD137 - Reverse | TGGAAATCGGCAGCTACAGCCA |
| DUSP16 - Forward | TGCCAGCGAGATGTCCTCAACA |
| DUSP16 - Reverse | ACACGCAGGAAATGAGACTCGG |
| TNFSF11 - Forward | GCCTTTCAAGGAGCTGTGCAAAA |
| TNFSF11 - Reverse | GAGCAAAAGGCTGAGCTTCAAGC |

| | |
|---|---|
| MAFA - Forward | GCTTCAGCAAGGAGGAGGTCAT |
| MAFA - Reverse | TCTGGAGTTGGCACTTCTCGCT |
| IL5RA - Forward | TGACTGGCTTGCGGTGCTTGTT |
| IL5RA - Reverse | CTGCTGTGACATTCAGTGGAGG |
| Atox1 - Forward | CTTCTTGTTGGGCAGGTCAATG |
| Atox1 - Reverse | CAGTCATGCCGAAGCACGAG |