**Supplementary file 2.** List of primers used for qRT-PCR and ChIP.

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| --- | --- | --- | --- |
| **Gene** | **Forward primer sequence (5’ 🡪 3’)** | **Reverse primer sequence (5’ 🡪 3’)** | |
| **qRT-PCR** | | | |
| *BAD* | AAGACTCCAGCTCTGCAGAG | | ATGATGGCTGCTGCTGGTTG |
| *BAK1* | TCGACTTCATGCTGCATCAC | | ACAAACTGGCCCAACAGAAC |
| *BAX* | ACTGGACAGTAACATGGAGCTG | | AAACATGTCAGCTGCCACTC |
| *BBC3* | ACCTCAACGCACAGTACGAG | | ACCTAATTGGGCTCCATCTCG |
| *BID* | TGTTCTGACAACAGCTTCCG | | ATCAGTCTGCAGCTCATCGTAG |
| *BIK* | TGGCTTTCATCTACGACCAGAC | | GTGGTGAAACCGTCCATGAAAC |
| *BIM* | TGCAGACATTTTGCTTGTTCAA | | GAACCGCTGGCTGCATAATAAT |
| *BMF* | GAGGTACAGATTGCCCGAAA | | TTCAAAGCAAGGTTGTGCAG |
| *BNIP3* | ACGAGCGTCATGAAGAAAGG | | AATCCGATGGCCAGCAAATG |
| *BNIP3L* | TGCGAGGAAAATGAGCAGTC | | TGCCATTGCTGCTGTTCATG |
| *BOK* | ACATCTCCCTGCAGTCTGAG | | TGCCTGCAGAGAAGATGTGG |
| *Gapdh* | TGCACCACCAACTGCTTAGC | | GGCATGGACTGTGGTCATGAG |
| *HRK* | CACCAGCGCACCATGTGG | | CAGCCAAGGCCAGTAGGTG |
| *KDM3A* | GAGTTCAAGGCTGGGCTATTGT | | TTCAGCCACTTTGATGCAGCTA |
| *Kdm3a (mouse)* | ATTCGAGCTGTTTCCCACAC | | TCCAAGACTCCCCATCAAAC |
| *METAP1D* | AACAACGTGCTCTGTCATGG | | ACCACATTCGTCCACATTGC |
| *HUWE1* | TCACCGCACTGTGTTAAACC | | TGCGCTTGACATCAAAGTCG |
| *PMA1P1* | AGAGCTGGAAGTCGAGTGTG | | GAAGTTTCTGCCGGAAGTTCAG |
| *PIH1D3* | TATTCAGACAGCAGGTGGGAAC | | AGCCACTAGTTCACTGCAAC |
| *RPL41* | CATTAAATAGCCGTAGACGGAACTT | | GCGCAGAGGTTTCCAAAAAA |
| *ZCCHC24* | TGCCACATCAACGTGTATCCA | | GGCCGTCGGGCTTCTC |
| *ZNF345* | AAACAGGGATCTCAGGAAGGAC | | GGATACTGAAAGTGGGCATGTC |
| **ChIP** | | | |
| *BNIP3* | CACTAGCAGGATGGAAAGACG | | ACTCTCTGGGCACTGGCTAC | |
| *BNIP3L* | AGATACCCTGGGTAGCAGTAAC | | ACCCGGTAAAGAACTAGCAGAG | |
| *KDM3A* | CGCTTGTAAAATGGGAGGCATG | | TTGTGTGCTCTGGACCTGAAG | |
| *NCR (GCLC)* | ATGGTTGCCACTGGGGATCT | | TGCCAAAGCCTAGGGGAAGA | |