

Table S1. Primers used in this study

| Name | Primer sequence 5' to 3' | Number of bases |
|----------------|---------------------------|-----------------|
| circFCHO2-F | TCCAGCTGTGTTGTGCTTCA | 20 |
| circFCHO2-R | CAAATAGGGGGTCCCAAGCA | 20 |
| circMBOAT2-F | GGATACCTCACAGTGTGCCA | 20 |
| circMBOAT2-R | GTTCGAAACCAAATGGCTGCT | 21 |
| circPTPN22-F | ACAGACACTGAAGACTCCTGG | 21 |
| circPTPN22-R | TGTTCCACCCCATTCAGTG | 20 |
| circTBC1D22A-F | TTCCGCTGGATGAACAACCT | 20 |
| circTBC1D22A-R | TCATGCACCAGTAGGTGTCG | 20 |
| circACADM-F | ATTCTTTGGGGCAAATGCCTA | 21 |
| circACADM-R | ATATTCTGCAGCCACTGGGAT | 21 |
| circCKAP5-F | GGAAGCTGGCGATTATGCAG | 20 |
| circCKAP5-R | ATCTCGAACAGCCTTCTCTCG | 21 |
| CLGN-F | CACTGGGCTGCAGATGGTTG | 20 |
| CLGN-R | TATTGGCACTCCTGCTGTAC | 21 |
| GPR42-F | GCAGAGCATTGGGGTCTCA | 20 |
| GPR42-R | CACCGAGAAGACGAACCAGT | 20 |
| RSAD2-F | CCTGCTTGGTGCCTGAATCT | 20 |
| RSAD2-R | CAGGATGGACTTGAAGGGTC | 21 |
| HLA-DPA1-F | CCCAGGGGACCCTGTGAAAT | 20 |
| HLA-DPA1-R | GAGTTTGTAGGGCAGCTGGAG | 21 |
| TMEM17-F | ATCTGGGCTACGTGGGTAAC | 20 |
| TMEM17-R | CCAAGGGCAGATTTGTTAGGC | 21 |
| AC099332.1-F | GGAAACATTCATTGCCACATGC | 22 |
| AC099332.1-R | ACATTTCTGTCCCTGTTACAC | 23 |
| LINC02573-F | TGTGCGTGAATCAAACCAGAG | 21 |
| LINC02573-R | ATTGTAAGGTTGCTGGCTGGA | 21 |
| AL445493.3-F | CCACAATTGTTGGGAGGATTTGT | 23 |
| AL445493.3-R | TGTGTGAAGTGGTTATGATTCCA | 23 |
| HCG27-F | ACGGAGGCTTTACAAAATAAAATCA | 25 |
| HCG27-R | AACACCTGCCTGAGCTTACA | 20 |
| AP000465.1-F | TGATTTTCAGGGAGGCATGTTG | 22 |
| AP000465.1-R | CAAAGGCTCCCAGTGCCTAC | 20 |
| GAPDH-F | CTTCATTGACCTCAACTACATGG | 23 |
| GAPDH-R | CTCGCTCCTGGAAGATGGTGAT | 22 |