**Supplementary Information**

Table 1S. Primer sequences and amplicon sizes for real-time PCR

|  |  |  |
| --- | --- | --- |
| **Primer** | **Sequence** | **Amplicon****(bp)** |
| DAX1 2FDAX1 2R | 5’ACTCCAGTGGGGAACTCAGCAAATACTC 3’5’GGCCTGAAGAACAGTTCAGCAATGAC 3’ | 147 |
| MAGEB1 3FMAGEB1 3R | 5’GTCATGTACCGAATCTGACGAAGGTG 3’5’CCTCCCAGGCTACAGGATCTTTGAC 3’ | 113 |
| MAGEB2 2FMAGEB2 2R | 5’AGAGGAGCACTCAGTCTTTGGGGAAC 3’5’TCTTGCTGGTTTCAGCATAGGCTCTC 3’ | 152 |
| MAGEB3 5FMAGEB3 5R | 5’ACAAGTGCCCAACAGTAATCCTGCAC 3’5’GCTGCAGCTTGGACTCTTTCTTCCTC 3’ | 183 |
| MAGEB4 1FMAGEB4 1R | 5’GACGAAGATGTTAGTGCAGTTCCTGCTG 3’5’GATGTAGGAGTGAGTGGTGGGGTTGAC 3’ | 196 |
| NPC1 8FNPC1 8R | 5’ACCCTGGCTGTGTCATTTTCTTCTCG 3’5’TGACCAGAGGTCAACTGGATTGGTTG 3’ | 101 |