APPENDIX

Table A1 Real-time PCR primers

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| --- | --- | --- | --- | --- | --- | --- |
| Ch. no. | Genes | Accession Number | Expression  allelea | Primer sequences | Annealing  Temperature (˚C) | Products length (bp) |
| 7 | *H19* | NR\_001592.1 | M | Forward　TGGTTACAGGACGTGGCGGC  Reverse　CAGACGGCGGTCCTCACCTG | 66.0 | 117 |
| 12 | *Gtl2* | NR\_003633.2 | M | Forward　TCACAACTCCCTGTCCTGACCCA  Reverse　AACCGAAGAGACCGCGAGGC | 66.0 | 117 |
| 7 | *Igf2* | NM\_010514.3 | P | Forward　CGCCGGCTTCCAGGTACCAA  Reverse　GATGCAGCACAAGGCGAAGGC | 66.0 | 88 |
| 12 | *Dlk1* | NM\_010052.5 | P | Forward　CCCCTGGCTGTGTCAATGGAGTC  Reverse　GGCCTTTCTCCAGGTCCACGC | 66.0 | 150 |
| 17 | *Igf2r* | NM\_010515.2 | M | Forward　ACTGATGGTGATGACTGTGGC  Reverse　TTGCAGCTCTTAGCACTGGAG | 60.0 | 102 |
| 11 | *Grb10* | NM\_010345.4 | M | Forward　GCGGAGCACACGGATGAATA  Reverse　GTCACGAAGGAGGAACAGCC | 60.0 | 172 |
| 7 | *Ndn* | NM\_010882.3 | P | Forward　AAGGCGCAGTGCTCAGTAAA  Reverse　CTTCGGATCAGAGCAGGACC | 60.0 | 102 |
| 7 | *Peg3* | NM\_008817.2 | P | Forward　AGCCTCAGAATCCAATTCAGGA  Reverse　TCGATGAGTGGCCTTGTGTC | 60.0 | 114 |
| 15 | *Hoxc9* | NM\_00827.3 | MP | Forward AGCAAGCACAAAGAGGAGAAGG  Reverse CGACGGTCCCTGGTTAAATACA | 58.0 | 164 |
| 6 | *Gapdh* | NM\_008084 | MP | Forward　GTCGTGGAGTCTACTGGTGTC  Reverse　GAGCCCTTCCACAATGCCAAA | 58.0, 60.0 or 66.0 | 240 |

aM: maternal allele, P: paternal allele, MP: bi-alleles

**Figure A1. Expression level of *Hoxc9* mRNA in the triploid mouse fetuses at E10.5.** The *Hoxc9* mRNA expression level was investigated in diploid, DAT, and DGT fetuses (n = 3 each group). The values represent the levels of expression relative to that of an internal control gene (*Gapdh*). Diploid (n = 3, gray), DAT (n = 3, blue), and DGT (n = 3, pink). The data are presented as mean ± SEM.

Supplementary Figure 1.tif

Figure A1.