**Table S1**

Genetic sex of the chicken embryos which were used for the expression of day 6 and 11 embryos.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Group | Day6 | |  | Day11 | | |
| Male | Female |  | Male | Female |
| Sham | 2 | 3 |  | 4 | 2 |
| IGF1 | 4 | 2 |  | 4 | 2 |
| Fadrozole | 4 | 2 |  | 2 | 4 |
| IGF1+fadrozole | 2 | 4 |  | 2 | 4 |
| Total | 12 | 11 |  | 12 | 12 |

No significant difference was detected between the number of male and females in each group (P>0.05).