| Item | Question | Authors’ Response (place “-” if not applicable) |
|------|----------|-------------------------------------------------|
| 1    | Would you like to share data collected for your study to others? | Yes |
| 2    | If not, would you like to share the reason for your decision? | - |
| 3    | What data in particular will be shared? | The morphological data and RT-qPCR data in particular will be shared, and we also found lipid metabolism made an effect in obesity induced ovarian dysfunction in early pregnancy, which has seldom been provided in previous studies. |
| 4    | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | Study protocol will also be shared if requested. |
| 5    | When will data availability begin? | From the publication date. |
| 6    | When will data availability end? | Five years within the publication date, since the researches in related fields will be updated over time. |
| 7    | To whom will you share the data? | Researchers who are interested in studies ovary or high-fat diet animal model. |
| 8    | For what type of analysis or purpose? | For further research or teaching. |
| 9    | How or where can the data/documents be obtained? | Emails could be sent to the address below to obtain the shared data: qingaza@126.com |
| 10   | Any other restrictions? | We may balance the potential benefits and risks for each request and then provide the data that could be shared. |