

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Normalized gene expression level in mouse MII oocytes measured by PAIso-seq (normalized CPM). The p-value or FDR for differential gene expression between in vivo and in vitro MII oocytes were included.

File Name: Supplementary Data 2

Description: Normalized gene expression level in human MII oocytes matured in vitro and in vivo measured by PAIso-seq (normalized CPM).

File Name: Supplementary Data 3

Description: Oligos used for PAIso-seq in this study and the number of CCS reads for each of the sample.