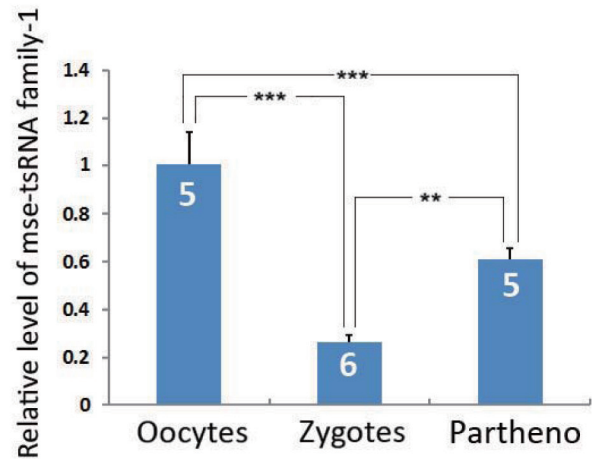


A

Quantitative Analysis of mse-tsRNA family-1
by Real Time RT-PCR

Samples	C _t value	Relative amount
Oocytes	22.77 ± 0.22	1.00
Zygotes	24.69 ± 0.16	0.26
Partheno	23.46 ± 0.11	0.61

Data of relative amount are normalized to the C_t of oocytes and calculated by the $2^{-\Delta C_t}$ method

B

Supplementary information, Figure S4 Quantitative analysis of mse-tsRNA family-1 in oocytes, zygotes and parthenogenetically activated oocytes. For the quantitative examination, 100 embryos were pooled for RNA extraction as an independent sample. We collected 5 samples for oocytes (100 x 5), 6 samples for zygotes (100 x 6) and 5 samples for parthenogenetically activated oocytes (100 x 5). Then the RNAs were extracted for each sample followed by quantitative RT-PCR for mse-tsRNA family-1. **(A, B)** C_t value and relative expression level of mse-tsRNA family-1 (***) $p < 0.001$, ** $p < 0.01$, Error bar: SEM). Numbers within the columns represented the independent samples used for each group.