

Supplementary Material 1. Description of the three thermal *stimuli* applied for gametes maturation.

Thermal <i>stimuli</i>	Description
Abrupt increase in temperature	On the first day the temperature increased abruptly from 22 to 26°C and maintained for four days, dropping to 22°C on the fifth day.
Gradual increase in temperature	On the first day the temperature increased from 22 to 24°C, the second day it increased from 24 to 26°C and remained at that temperature until the third day. With a gradual decrease on the fourth day from 26 to 24°C and from 24 to 22°C on the fifth day.
Abrupt increase in temperature, followed by an intermittent change in temperature during the fourth day	The first day the temperature was increased to 26°C and that temperature was maintained until the fourth day, then, intermittent changes were made, which consist of lowering from 26°C to 20°C and maintaining that temperature for four <u>hours</u> , then increased it to 26°C and immediately dropped to 20°C and immediately increased to 26°C, where it remains for the rest of the day; finally, on the fifth day, the temperature is dropped to 22°C.