Supplementary information

Near-anoxia induces immobilization and sustains viability of sperm in ant queens

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Supplementary Movie 1

Sperm motility under hypoxic PBS conditions (created using AnaeroPack[®] kenki pouch) and aerobic PBS control.

Supplementary Movie 2

Sperm motility in aerobic PBS control and anoxic PBS conditions (created by adding sodium sulfite).

Supplementary Movie 3

Motility of sperm cells preserved in anoxic conditions for 2, 4, and 8 h and subsequently exposed to aerobic PBS solutions.