

Supplementary Figure: Negative control.

Supplemental Video 1. Motile sperm differentiated *in vitro* in adherent culture.

Testicular cells dissociated from vitrified whole testis of juvenile *G. caerulescens* were cultured. The movie was recorded on day 21. Bar = 50 μm.

Supplemental Video 2. Motile sperm differentiated *in vitro* in suspension culture.

Testicular cells dissociated from vitrified whole testis of juvenile *G. caerulescens* were cultured. The movie was recorded on day 21. Bar = 50 μm.