

**Table S1.** Number of animals and oocytes used in experiments.

<b>Method</b>	<b>Number of Animals</b>		<b>Number of oocytes</b>
	"Spring" frogs during the natural breeding season	"Autumn" and "winter" frogs after hormonal stimulation	
DAPI staining of unfixed GVs	5	6	at least 10 from each animal
Proteomic analysis	3	–	at least 30 from each animal
Immunofluorescence microscopy	5	6	at least 5 to identify each protein of interest
Conventional electron microscopy	3	–	at least 5
Immunoelectron microscopy	3	1	at least 5
Immunoblot analysis	3	–	at least 30 from each animal