

SUPPLEMENTARY MATERIAL

corresponding to:

**Defective calcium release during *in vitro* fertilization
of maturing oocytes of LT/Sv mice**

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SUPPLEMENTARY TABLE S1

RESULTS OF THREE INDEPENDENT SEMI-QUANTITATIVE RT-PCR ANALYZING THE LEVELS OF IP_3R -1, $PKC\alpha$, $PKC\delta$ AND $PKC\zeta$ IN LT/SV AND F_1 OOCYTES

Gene	Age of the oocytes at the time of analyses					
	15 h after GVBD			21 h after GVBD		
	LT/Sv	F_1	ratio LT/Sv: F_1 x 100%	LT/Sv	F_1	ratio LT/Sv: F_1 x100%
IP_3R	208	180	116	92	113	81
	267	170	157	114	111	103
	204	157	130	125	111	113
			134			99
			SEM 12			SEM 9
$PKC\alpha$	100	32	313	36	29	124
	60	28	214	39	30	130
	84	33	255	51	37,5	136
			261			130
			SEM 28			SEM 4
$PKC\delta$	159	77	206	79	54	146
	191	91	210	41	56	73
	205	95	216	61	56	109
			211			109
			SEM 2			SEM 21
$PKC\zeta$	148	200	74	186	188	99
	124	181	68	151	176	86
	100	176	57	118	168	70
			66			85
			SEM 5			SEM 10

Bands resulting from RT-PCR visualized in agarose gel were measured densitometrically. Values obtained for IP_3R and PKC isoforms were related to the values of GAPDH that served as 100%. Next, the mean ratio between values obtained for LT/Sv and F_1 oocytes was presented as a proportion of 100%. Summarized results are presented in Fig. 5A.