

**Table 3 Reproductive Ability and Body Weights of Offspring**

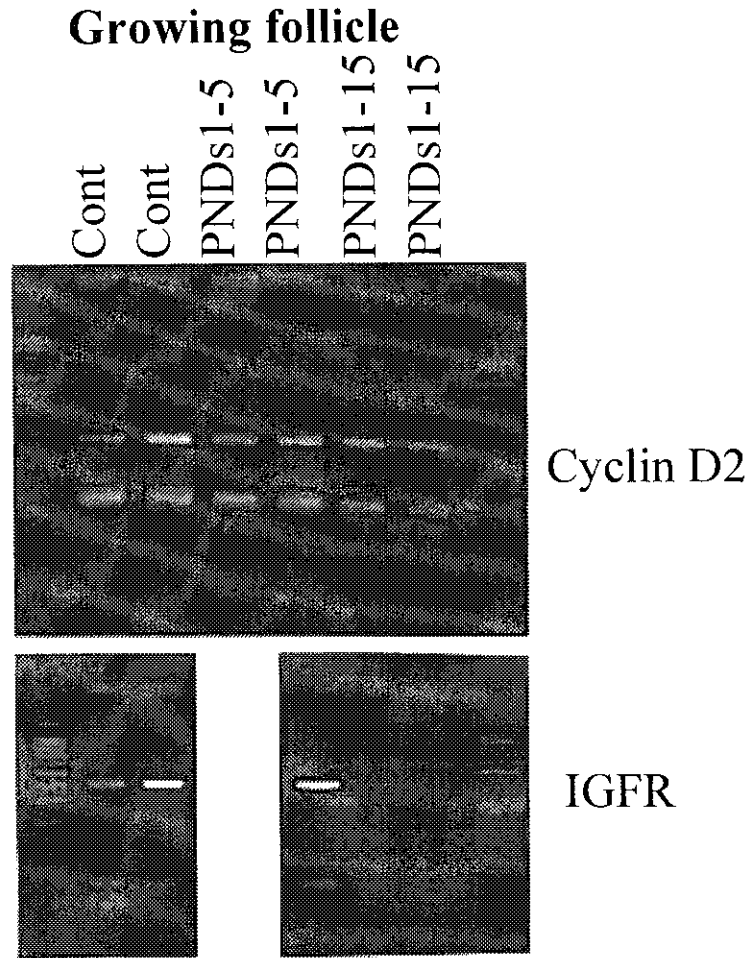
	Group			
	0mg/kg	0.1mg/kg	10mg/kg	100mg/kg
No. of dams	10	10	10	7
Pregnant	10	10	10	7
At the termination of PND21				
	10	10	10	7
Pregnant period	21±0.0(#)	21.11±0.33	21±0.0	21±0.0
No. of pups at birth(g)				
Female	5.6±1.84	6.5±1.84	6.3±1.06	5.2±2.66
Male	5.5±1.96	5.9±2.64	6.8±1.75	6.5±2.42
Total (a)	11.1±2.13	12.4±1.71	13.1±1.20	12.0±2.71
No. of dead pups during PNDs1-5				
Female	0±0.00	0±0.00	0±0.00	0±0.00
Male	0±0.00	0±0.00	0.7±1.89	0.3±1.41
No. of implantation (b)	12.5±1.35	13±1.41	13.9±0.99	13.0±1.63
a/b	0.89±0.15	0.95±0.09	0.94±0.07	0.9±0.17

A±B(#), Mean±SD

**Table 4. Tissue and Serum Concentration of Nonylphenol**

	Group			
	0mg/kg	0.1mg/kg	10mg/kg	100mg/kg
<b><i>Dam</i></b>				
Serum level at PNDs21	<0.1ppm*	<0.1ppm	<0.1ppm	<0.1ppm
Number of dam pooled	5	5	5	5
Milk at PNDs14	<0.1ppm	<0.1ppm	0.4ppm	1.6ppm
Number of pup stomach collected	8	8	8	6
<b><i>Offspring</i></b>				
Liver at PNDs21	<0.1ppm	<0.1ppm	<0.1ppm	<0.1ppm
Number of pup pooled	4	4	4	6
Liver at PNDs28	<0.1ppm	<0.1ppm	<0.1ppm	<0.1ppm
Number of pup pooled	4	4	4	4

\*, Under the detectable limit



	Growing follicles			Atretic follicles		
	Cont	PNDs1-5	PNDs1-15	Cont	PNDs1-5	PNDs1-15
GAPDH	+	+	+	+	+	+
Bcl-2	+	+	+	-	-	-
CyclinD2	+	+	+	NE	NE	NE
IGFR	+	+	+	NE	NE	NE

2samples/group    +, expression    -, no expression    NE, not examined

**Fig.5 mRNA expression in the ovaries neonatally exposed to OP**

## Ⅲ. 研究成果の刊行に関する一覧表

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IV. 研究成果の刊行物・別刷り・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・223

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以降は雑誌/図書等に掲載された論文となりますので、  
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