

### Supplementary Material

**Table S1. Proportion of follicles within genetic group during the estrous cycle**

Asterisks indicate significant differences ( $*P \leq 0.05$ ;  $**P \leq 0.01$ ) between genetic groups within follicle

		Day of estrous cycle				
Follicle size classification (mm)	Genetic group	0	4	10	18	( $\chi^2$ ) P-value
Small ( $\leq 3$ mm)	Piau	0.015	0.124	0.264	0.048	0.039*
	Commercial	0.021	0.14	0.255	0.133	
Medium (3–6 mm)	Piau	0.027	0.053	0.229	0.088	0.70
	commercial	0.051	0.098	0.333	0.122	
Large ( $\geq 6$ mm)	Piau	0.212	0.003	0.000	0.194	0.0001**
	Comercial	0.247	0.010	0.031	0.302	

**Table S2. Number of follicles within genetic group during the estrous cycle**

Asterisks indicate significant differences ( $*P \leq 0.05$ ;  $**P \leq 0.01$ ) between genetic groups within follicle

		Day of estrous cycle				
Follicle size classification (mm)	Genetic group	0	4	10	18	( $\chi^2$ ) P-value
Small ( $\leq 3$ mm)	Piau	10/670	83/670	177/670	32/670	0.039*
	Commercial	14/670	94/670	171/670	89/670	
Medium (3–6 mm)	Piau	13/490	26/490	112/490	43/490	0.70
	commercial	25/490	48/490	163/490	60/490	
Large ( $\geq 6$ mm)	Piau	61/288	1/288	0/288	56/288	0.0001**
	Comercial	71/288	3/288	9/288	87/288	