

**Table 1. Cellular localization and relative intensity of mRNAs for BMPs in ovaries of adult cycling rats.**

TISSUE	BMP-2	BMP-3	BMP-3b	BMP-4	BMP-6	BMP-7	BMP-15	BMPR-IA	BMPR-IB	BMPR-II	FS
<b>Oocyte</b>											
Primordial	-	-	-	-	-	-	-	+	++/+	+/-	-
Primary	-	-	-	-	-	-	+	++	+++/>++	+	-
Secondary	-	-	-	-	+++/>+	-	++++/>++	+++	++++	+/-	-
Tertiary	-	-	-	-	+++	-	++++	+++	+++	+/-	-
Dominant	-	-	-	-	+++	-	++++/>+++	++	+++	+/-	-
Atretic	-	-	-	-	+++/>++	-	++/>+	+++/>++	++	+/-	-
<b>Granulosa Cells</b>											
Primordial	-	-	-	-	-	-	-	+/-	+/-	-	-
Primary	+/-	-	-	-	-	-	-	+	+/-	+	-
Secondary	++/>-	-	-	-	+++/>-	-	-	++/>+	++++	+++/>++	++
Tertiary	+++/>-	-	-	-	+++/>-	-	-	++	++++	+++	++++
Dominant	+++/>-	-	-	-	+/-	-	-	++	++++	+++	++++
Atretic	++++	-	-	-	+++	-	-	++	++++	+++	+/-
<b>Theca-interstitial cells</b>											
Primordial	-	-	-	-	-	-	-	-	-	-	-
Primary	-	-	-	+	-	-	-	-	-	-	-
Secondary	+/-	-	-	++/>-	-	++/>-	-	+	+	-	-
Tertiary	+/-	+/-	+	+++/>-	-	+++/>-	-	++/>+	+	-	-
Dominant	+/-	+/-	++++/>-	++++/>-	-	+++/>-	-	++/>+	++	-	+/-
Atretic	+/-	-	+/-	+/-	-	+/-	-	+	+	-	-
<b>Theca externa</b>											
	-	-	++++/>-	++++/>-	-	-	-	+	++/>-	-	-
<b>Corpora lutea - Healthy</b>											
Granulosa Lutein	+/-	-	-	+/-	++/>+	-	-	++/>+	+	++	++++
Theca Lutein	+/-	+/-	+/-	+/-	-	++/>-	-	++/>+	+	+/-	+++
Vascular Endothelial	-	-	-	-	-	-	-	+/-	+/-	-	-
Theca Externa	-	-	++/>+	+++	-	-	-	+/-	++/>+	-	-
<b>Corpora lutea - Luteolytic</b>											
	+++/>-	+/-	-	++	+/-	-	-	+	+++/>-	+/-	-/>++++
<b>Vascular System</b>											
Endothelium	-	-	-	+++	+++/>-	-	-	+/-	-	+/-	-
Smooth Muscle	-	-	-	-	-	-	-	+/-	-	-	-
Tunica Adventitia	-	-	-	-	-	-	-	+/-	++	-	-
<b>Secondary-interstitial cells</b>											
	++/>+	-	-	-	-	+/-	-	+	++/>+	-	-/>++++
<b>Surface epithelium</b>											
	-	-	+++/>-	+++/>-	+++	-	-	+/-	-	-	-
<b>Sex Cords</b>											
	-	-	++++	+++	-	+++	-	+	+++	+/-	-

The intensities of the hybridization signals indicated above represent a subjective consensus of all sections examined from all the ovaries collected from all of the animals over the estrous cycle (see Materials and Methods). The hybridization signals were estimated on a scale of - to 4+ as described in Materials and Methods. The slashes represent the variability in signal intensity that was observed for any given histological unit. The nature of this variability, whether it be temporal (cycle-dependent or developmental), or spatial (heterogeneity within or between the histological unit), is fully described in the Results section.