

Supplementary Table 3. Immunolocalization of Steroidogenic Enzymes in the Mammary Gland

Enzyme	Menarche Status	Immunostaining	
		Epithelium (ducts and acini)	Stroma
EST	Pre-	Cytoplasmic Heterogeneous (10-50% of cells) Moderate intensity	Cytoplasmic Diffuse Moderate intensity
	Post-	Cytoplasmic Heterogeneous (10-50% of cells) Occasional nuclear staining (<20% of cells) Moderate intensity	Cytoplasmic Diffuse Weak intensity
STS	Pre-	Positive only in 8/15 animals Cytoplasmic Heterogeneous (up to 75% cells) Weak to moderate intensity	Negative
	Post-	Positive only in 3/15 animals Cytoplasmic Weak intensity	Negative
HSD17B1	Pre-	Cytoplasmic Heterogeneous (<20% of cells) Weak intensity	Cytoplasmic, heterogeneous with weak intensity in overall stromal cells Cytoplasmic, occasionally of strong intensity but heterogeneous in myoepithelial cells and stroma immediately surrounding lobules and ducts Cytoplasmic, occasionally of weak to moderate intensity in endothelial cells Absent in adipocytes
	Post-	Similar to pre-menarche	Similar to pre-menarche
HSD17B2	Pre-	Cytoplasmic Heterogeneous (<10% cells) Weak intensity	Cytoplasmic Diffuse Strong intensity Cytoplasmic, heterogeneous with moderate intensity in endothelial cells
	Post-	Similar to pre-menarche	Similar to pre-menarche