

S3 Table. Pearson correlation coefficients (R) of expression levels of 10 newly examined genes in bovine fetal ovaries and gestational age (n = 27). The intensity of the background color indicates the strength of the significance of the correlation. Blue indicates negative correlations and green indicates positive correlations.

	Ages (days)	<i>MUC1</i>	<i>PKP2</i>	<i>CCNE1</i>	<i>CCNE2</i>	<i>OCLD</i>	<i>STAR</i>	<i>COL4A1</i>	<i>GJA1</i>	<i>LAMB2</i>
<i>MUC1</i>	-0.890 ^c									
<i>PKP2</i>	-0.778 ^c	0.749 ^c								
<i>CCNE1</i>	-0.596 ^b	0.531 ^b	0.511 ^b							
<i>CCNE2</i>	-0.410 ^a	0.308	0.351	0.922 ^c						
<i>OCLD</i>	-0.047	-0.09	0.086	0.589 ^b	0.596 ^b					
<i>STAR</i>	0.464 ^a	-0.336	-0.217	-0.252	-0.235	-0.368				
<i>COL4A1</i>	0.476 ^a	-0.203	-0.013	-0.328	-0.246	-0.141	0.285			
<i>GJA1</i>	0.497 ^b	-0.402 ^a	-0.251	-0.322	-0.221	0.017	0.236	0.516 ^b		
<i>LAMB2</i>	0.594 ^b	-0.503 ^b	-0.266	-0.239	-0.092	0.219	0.247	0.500 ^b	0.462 ^a	
<i>HSD17B1</i>	0.667 ^c	-0.528 ^b	-0.472 ^a	-0.391 ^a	-0.364	-0.215	0.717 ^c	0.473 ^a	0.332	0.236

^a $P < 0.05$, ^b $P < 0.01$, ^c $P < 0.0001$; Pearson correlation tests.