

Accessory Publication

Table S1. Temporal changes in the level of expression of apoptotic genes: an additional evaluation of daily changes in the expression of apoptotic genes by Students *t*-test

Metestrus to Diestrus			<i>Nme5</i>	–2.37	0.063
Gene	Fold change	P-value	<i>Casp4</i>	–3.94	0.065
<i>Tnfrsf11b</i>	2.01	0.003	<i>Tnfrsf10b</i>	–2.12	0.070
<i>Casp14</i>	2.13	0.003	<i>Pycard</i>	–2.42	0.071
<i>Tsc22d3</i>	2.52	0.017	<i>Bad</i>	–1.8	0.073
<i>Trp73</i>	2.4	0.021	<i>Zc3hc1</i>	–1.86	0.080
<i>Tnfsf10</i>	1.99	0.021	<i>Bak1</i>	–1.59	0.081
<i>Card6</i>	1.67	0.032	<i>Apaf1</i>	–2.01	0.084
<i>Polb</i>	1.82	0.033	<i>Xiap</i>	–1.94	0.086
<i>Akt1</i>	1.96	0.038	<i>Cideb</i>	–2.1	0.089
<i>Bag3</i>	1.85	0.046	<i>Traf3</i>	–1.96	0.090
<i>Atf5</i>	1.96	0.054	<i>Mcl1</i>	–2.48	0.091
<i>Trp53inp1</i>	1.54	0.056	<i>Bnip2</i>	–2.21	0.092
<i>Sphk2</i>	2.29	0.060	<i>Tsc22d3</i>	–2.94	0.092
<i>Traf2</i>	2.02	0.067	<i>Rnf7</i>	–1.35	0.093
<i>Bok</i>	1.66	0.074	<i>Nod1</i>	–4.26	0.095
<i>Birc3</i>	1.42	0.078	Proestrus to Estrus		
<i>Apaf1</i>	1.75	0.086	Gene	Fold Change	P-value
<i>Trp53bp2</i>	1.75	0.089	<i>Bcl2l10</i>	10.45	0.036
<i>Pycard</i>	1.95	0.090	<i>Cflar</i>	–1.48	0.053
<i>Mcl1</i>	3.03	0.095	<i>Il10</i>	1.89	0.069
<i>Nfkb1</i>	1.76	0.098	Estrus to Metestrus		
Diestrus to Proestrus			Gene	Fold Change	P-value
Gene	Fold Change	P-value	<i>Cd40</i>	1.81	0.009
<i>Trp73</i>	–2.56	0.018	<i>Fas</i>	1.84	0.009
<i>Bag3</i>	–2.22	0.019	<i>Prdx2</i>	1.4	0.016
<i>Bok</i>	–2.18	0.031	<i>Cflar</i>	1.47	0.041
<i>Card6</i>	–2.06	0.036	<i>Lhx4</i>	1.02	0.043
<i>Akt1</i>	–1.94	0.039	<i>Cd40lg</i>	1.83	0.050
<i>Polb</i>	–2.03	0.040	<i>Dffa</i>	1.63	0.054
<i>Trp53bp2</i>	–2.71	0.041	<i>Xiap</i>	1.63	0.054
<i>Atf5</i>	–2.56	0.042	<i>Tnfrsf10b</i>	1.97	0.064
<i>Traf2</i>	–3.01	0.044	<i>Hells</i>	1.88	0.069
<i>Nfkb1</i>	–2.32	0.045	<i>Pycard</i>	1.58	0.079
<i>Casp9</i>	–2.19	0.046	<i>Atf5</i>	1.91	0.083
<i>Tnfsf10</i>	–1.63	0.060	<i>Card10</i>	1.65	0.090
<i>Trp53inp1</i>	–1.66	0.060	<i>Bak1</i>	1.51	0.092
<i>Sphk2</i>	–2.42	0.061	<i>Trp53</i>	1.38	0.096
<i>Casp6</i>	–1.72	0.063	<i>Tnfrsf11b</i>	1.56	0.100

Abbreviations: *Akt1*: Thymoma viral proto-oncogene 1; *Apaf1*: Apoptotic peptidase activating factor 1; *Atf5*: Activating transcription factor 5; *Bad*: BCL2-associated agonist of cell death; *Bag3*: Bcl2-associated athanogene 3; *Bak1*: BCL2-antagonist/killer 1; *Bcl2l10*: Bcl2-like 10; *Birc3*: Baculoviral IAP repeat-containing 3; *Bnip2*: BCL2/adenovirus E1B interacting protein 2; *Bok*: BCL2-related ovarian killer protein; *Card6*: Caspase recruitment domain family, member 6; *Card10*: Caspase recruitment domain family, member 10; *Casp4*: Caspase 4; *Casp6*: Caspase 6; *Casp9*: Caspase 9; *Casp14*: Caspase 14; *Cd40*: CD40 antigen; *Cd40lg*: CD40 ligand; *Cflar*: CASP8 and FADD-like apoptosis regulator; *Cideb*: Cell death-inducing DNA fragmentation factor, alpha subunit-like effector B; *Dffa*: DNA fragmentation factor, alpha subunit; *Fas*: Fas (TNF receptor superfamily member 6); *Hells*: Helicase, lymphoid specific; *Il10*: Interleukin 10; *Lhx4*: LIM homeobox protein 4; *Mcl1*: Myeloid cell leukemia sequence 1; *Nfkb1*: Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1, p105; *Nod1*: Nucleotide-binding oligomerization domain containing 1; *Polb*: Polymerase (DNA directed), beta; *Prdx2*: Peroxiredoxin 2; *Pycard*: PYD and CARD domain containing; *Rnf7*: Ring finger protein 7; *Sphk2*: Sphingosine kinase 2; *Tnfsf10*: Tumor necrosis factor (ligand) superfamily, member 10; *Tnfrsf10b*: Tumor necrosis factor receptor superfamily, member 10b; *Tnfrsf11b*: Tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin); *Traf2*: Tnf receptor-associated factor 2; *Traf3*: Tnf receptor-associated factor 3; *Trp53*: Transformation related protein 53; *Trp53bp2*: Transformation related protein 53 binding protein 2; *Trp53inp1*: Transformation related protein 53 inducible nuclear protein 1; *Trp73*: Transformation related protein 73; *Tsc22d3*: TSC22 domain family, member 3; *Xiap*: X-linked inhibitor of apoptosis; *Zc3hc1*: Zinc finger, C3HC type 1.