

Table 6. Gene Expression.

Gene/protein function	Gene symbol	Sex	75		150		300	
			n	Fold change	n	Fold change	n	Fold change
Bcl2-associated X protein: involved in the metabolic pathway leading to apoptosis	Bax	Male	8	-1.13	9	1.20 ^a	10	1.42 ^b
		Female	10	1.33 ^a	10	1.59 ^b	10	1.62 ^b
Fatty acid-binding protein 4: transport, uptake, and metabolism of fatty acids	Fabp4	Male	8	-2.65 ^b	9	-1.46 ^a	10	-1.21
		Female	10	-1.53 ^b	10	-1.62 ^b	10	-1.40 ^a
Nuclear protein 1: stress-inducible gene transcription; associated with pancreatitis	Nupr1	Male	8	-1.97	9	-1.72	10	-1.44
		Female	10	-1.64	10	1.17	10	3.06 ^a
60S ribosomal protein L6 is involved in liver regeneration and expressed after liver injury	Rpl6	Male	8	1.36 ^b	9	2.25 ^b	10	2.54 ^b
		Female	10	1.65 ^b	10	2.12 ^b	10	2.62 ^b
c-Jun and c-Fos form AP-1, early response transcription factor; antiapoptotic	c-Jun	Male	8	1.56	9	-1.64	10	1.10
		Female	8	1.52	10	-1.59 ^a	10	-1.95 ^b
Tumor protein p53 is an apoptosis initiator, activating Bax, and other BCL2 family genes	Trp53	Male	8	1.58 ^b	9	-1.16	10	-1.43 ^b
		Female	8	1.58 ^b	10	-1.50 ^b	10	-1.07
Protein C inactivates factors Va and VIIIa, therefore acting as an anticoagulant	Proc	Male	8	-1.62 ^b	9	-1.52 ^b	10	-1.33 ^b
		Female	10	-1.55 ^b	10	-1.44 ^b	10	-1.51 ^b
Kallikrein protein is an antithrombotic factor in the intrinsic coagulation pathway	Klkb1	Male	8	-1.26 ^a	9	-1.80 ^b	10	-1.68 ^b
		Female	10	-1.03	10	-1.41 ^b	10	-2.10 ^b
Thrombospondin-1 interacts with plasmin and is involved with platelet aggregation and clot formation	Thbs1	Male	8	-1.05	9	-1.10	10	-1.68
		Female	8	1.22	10	-1.17	10	1.02
Thrombopoietin stimulates production of platelets from megakaryocytes	Thpo	Male	8	1.66 ^b	9	-1.05	10	-1.15
		Female	8	1.75 ^b	10	-1.16	10	1.24 ^a

^a $p \leq .05$ as compared to the control group.

^b $p \leq .01$ as compared to the control group.