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| **Table S1. Candidate Transcripts Selected from Microarray for qRT-PCR** |
| **Transcript** | **Refseq #** | **Gene Ontology** |
| *Sil1* | NM\_199376 | binding; unfolded protein binding |
| *Mtm1* | NM\_001013047 | hydrolase activity; intermediate filament binding; phosphatase activity |
| *Lrrc6* | NM\_001025659 | unknown |
| *Styxl1* | NM\_001037788 | hydrolase activity; protein tyrosine/serine/threonine phosphatase activity; intracellular signal transduction |
| *Dcn* | NM\_024129 | collagen binding; extracellular matrix binding; glycosaminoglycan binding; protein N-terminus binding |
| *Gas2* | XM\_574454 | apoptotic process; cell cycle; cell cycle arrest; cellular component  |
| *Tcp10b* | XM\_217868 | unknown |
| *Mfap3l* | NM\_001012049 | integral to membrane; plasma membrne |
| *Bcl2l14* | NM\_001024338 | protein kinase binding; regulation of apoptosis |
| *Pim1* | NM\_017034 | cell cycle; cell proliferation |
| *Lrrc69* | XM\_001055887 | unknown |
| *Lyz2* | NM\_012771 | hydrolase activity; lysozyme activity |
| *Phospho1* | XM\_220877 | phosphatase activity |
| *Tax1bp1* | NM\_001004199 | kinase binding; anti-apoptosis |
| *Dennd1a* | XM\_231184 | SH3 domain binding; synaptic vesicle endocytosis |
| *Dnajb4* | NM\_001013076 | heat shock protein binding; protein folding |
| *Clu* | NM\_053021 | misfolded protein binding; anti-apoptosis; cellular response to transcription factor stimulus |
| *Bag1* | XM\_216377 | chaperone binding; anti-apoptosis |
| *Ptgds* | NM\_013015 | fatty acid biosynthesis; prostaglandin biosynthesis |
| *Bfar* | NM\_001013125 | metal ion binding; anti-apoptosis |
| *Tpi1* | NM\_022922 | isomerase activity; carbohydrate metabolic process |
| *Fank1* | NM\_001008347 | unknown |
| *Sod3* | NM\_012880 | metal ion binding; superoxide dismutase activity |
| *Vim* | NM\_031140 | intermediate filament organization |
| *Ift81* | NM\_199120 | cell differentiation; spermatogenesis |
| *Strbp* | NM\_053416 | RNA binding; cell differentiation; cell component movement; spermatogenesis |
| *Tbc1d5* | XM\_576503 | Rab GTPase activator activity |
| *Sclt1* | NM\_153740 | clathrin binding; sodium channel regulator activity |
| *Abi2* | NM\_173143 | SH3 domain binding; cellular component movement; cell migration |