

Supplementary File 1 : Technical validation of expression profiles by real-time quantitative PCR

Table: Primer sequences used for real-time quantitative PCR

Accession number	Description	Forward / reverse primers
AM860211	Forkhead box protein L2	CTCAGGATCTGTATATTTGT GAAGAAGAATTTGTAGAGAC
AM868677	Catenin beta	CCATGATGGTTCACCAGTTG ACAGCGAGTGGTCTCCAAGT
ES789247	Enkurin	AATTGATCAGGTAAAATTGCTCATAA GAACCTCAGAAGTGGAAAACAATT
CU991158	unannotated	TCGTTCTGTATTCTGTGGAGTTG GGGTTTTGAACAATTTCCATC
AM860913	DSX	CAGTCCTCCACACACCTGTC AAGGATGGGGTGGAGAAAAC
AM867021	ELAV-4	GCCGTTCAGAATGTCAAGGT ACGGAATGTTGTTGTTGAAATG
DV736924	unannotated	CCGTACATTCTCGCCTCATT ACGGAATGTTGTTGTTGAAATG
AM858268	unannotated	TTGCCTTACTGGGAAATTACG TCTGTTCTTGTGCTGGTTTCG

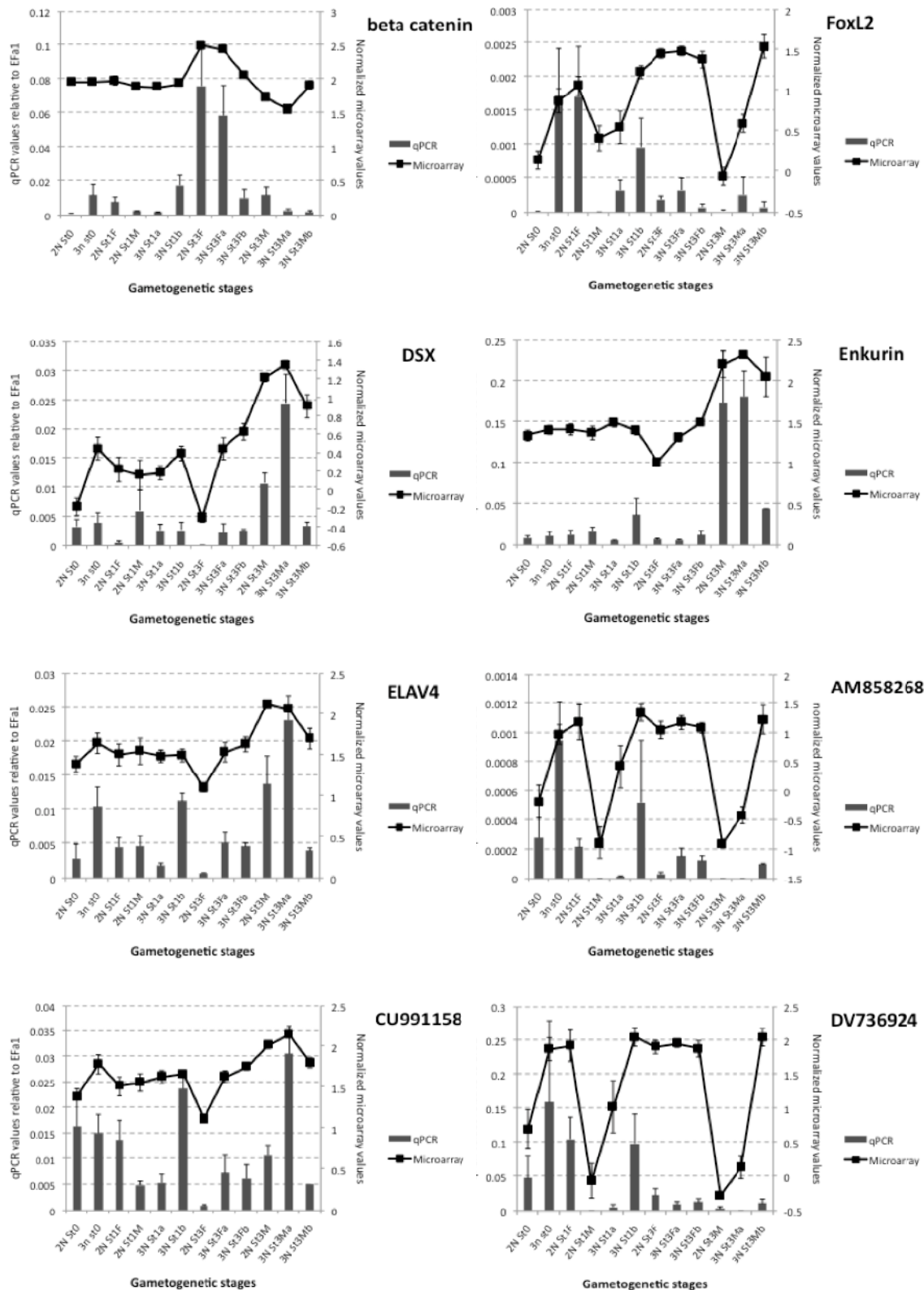


Figure: Microarray and quantitative PCR expression profile of selected genes. The real time qPCR values are displayed on left axis (histograms) and normalized to efa1 gene expression and the microarray log2 transformed values are indicated on right. Bar on histograms and curves represent standard deviation. On horizontal axis, are displayed the gametogenic

stages from $2n$ and $3n$ animals. (St 0: resting period; StI: mitosis proliferation; stIII: maturation; a: $3n \alpha$ and b: $3n \beta$ animals).