

**Table S3:**

List of genes represented in both the list of Eurexpress testis annotated genes and gene lists from Jameson et al., 2012 microarray

Supporting (Sertoli) cells	Leydig cells	Mixed interstitial cells	Germ cells	Endothelial cells
Gene name	Gene name	Gene name	Gene name	Gene name
Adamts16	Cyp11a1	Clca1	Abl2	Acsbg1
Amh	Fads1	Cxcl12	Ap3b2	Nr4a1
Atp8b2	Gramd1b	Gucy1b3	Bub1b	
Bex2	Hsd17b7	Itga9	Cdk5rap1	
Camkk2	Prkar2b	Itgb8	Ddx41	
Col9a3	Prlr	Nrg1	Dppa3	
Ctnna2	Ren1	Sostdc1	Elavl2	
Cxadr	Scarb1	Stc1	Epcam	
Dsp	Sct	Tacr3	Gnl3	
Eps8	Star		Gtf3c3	
Fzd3	Stc1		Irf1	
Gjb2			Liph	
Gpr37			Mybbp1a	
Gstm7			Nsmaf	
Lsr			Pip4k2a	
Mybl1			Pou6f1	
Nfe2			Rcc2	
Npr1			Rcl1	
Pdgfa			Rdm1	
Pgpep1			Srbfp1	
Pla2g5			Taf7	
Ppt1			Tet1	
Schip1			Trip13	
Sgk3			Uchl1	
Sil1			Wdr31	
Slc20a1				
Slc38a1				
Slc7a5				
Stc2				
Tbc1d8				
Tesc				
Tmcc3				
Tpd52				
Trank1				
Tyro3				