

Table S4: “Tissue Expression” feature in DAVID identifies 55 genes with expression annotated in in the testis.
Anti-Mullerian Hormone(Amh)
ADP-Ribosyltransferase 5(Art5)
G Protein-Coupled Receptor Kinase 5(Grk5)
Glutathione S-Transferase, Mu 5(Gstm5)
Homeobox D9(Hoxd9)
Hydroxysteroid (17-Beta) Dehydrogenase 7(Hsd17b7)
Heat Shock Protein 2(Hspa2)
Heat Shock Protein 90, Alpha (Cytosolic), Class A Member 1(Hsp90aa1)
Lyl Antibody Reactive Clone(Lyar)
Myeloblastosis Oncogene-Like 1(Mybl1)
Phospholipase A2, Group V(Pla2g5)
POU Domain, Class 6, Transcription Factor 1(Pou6f1)
Prolactin Receptor(Prlr)
Secretin(Sct)
Scavenger Receptor Class B, Member 1(Scarb1)
Steroidogenic Acute Regulatory Protein(Star)
Stanniocalcin 1(Stc1)
Syntaxin Binding Protein 2(Stxbp2)
Testis Expressed Gene 2(Tex2)
Testis Expressed Gene 261(Tex261)
Utrophin(Utrn)
Proteasome (Prosome, Macropain) Subunit, Alpha Type 1(Psma1)
Serine Incorporator 3(Serinc3)
Coatomer Protein Complex, Subunit Beta 2 (Beta Prime)(Copb2)
Apoptosis Antagonizing Transcription Factor(Aatf)
Ring Finger Protein 138(Rnf138)
Sclerostin Domain Containing 1(Sostdc1)
Ring Finger Protein 181(Rnf181)
RNA (Guanine-7-) Methyltransferase(Rnmt)
Solute Carrier Family 25, Member 39(Slc25a39)
PTEN Induced Putative Kinase 1(Pink1)
NADH Dehydrogenase (Ubiquinone) 1, Alpha/Beta Subcomplex, 1(Ndub1)
Bobby Sox Homolog (Drosophila)(Bbx)
Aldo-Keto Reductase Family 1, Member C-Like(Akr1c1)
WD Repeat Domain 31(Wdr31)
Solute Carrier Family 25 (Mitochondrial Carrier; Adenine Nucleotide Translocator), Member 31(Slc25a31)

Kinesin Family Member 2C(Kif2c)
Interferon Induced Transmembrane Protein 7(Iftm7)
Fatty Acid Desaturase 1(Fads1)
Inner Membrane Protein, Mitochondrial(Immt)
Mitochondrial Translational Initiation Factor 2(Mtif2)
Ring Finger Protein 34(Rnf34)
Intraflagellar Transport 122(Ift122)
Lin-28 Homolog A (C. Elegans)(Lin28a)
Calmin(Clmn)
Zinc Finger Protein 451(Zfp451)
Ets Variant 5(Etv5)
Heat Shock Protein 1A(Hspa1a)
Calcium/Calmodulin-Dependent Protein Kinase Kinase 2, Beta(Camkk2)
Centrosomal Protein 68(Cep68)
Basic Transcription Factor 3(Btf3)
General Transcription Factor IIB(Gtf2b)
GRAM Domain Containing 1B(Gramd1b)
Lipase, Member H(Liph)
Ring Finger Protein 213(Rnf213)