

Table S1 List of primers used for qRT-PCR validation.

mRNA	Gene name		Sequence (5'to3')
U6		Fwd	CTCGCTTCGGCAGCACATATACT
U6		Rev	ACGCTTCACGAATTTGCGTGTG
FEM1C	Fermentation-1C	Fwd	GGCTACACTCTTCTCCATCT
FEM1C	Fermentation-1C	Rev	GACATTAGCACCTACCTCTAGT
SOX8	transcription factor SOX-8	Fwd	CTGCTACAGTCCTACATTATTGAA
SOX8	transcription factor SOX-8	Rev	GAAAGGTCTTGAAATGAATCCATC
KIF3B	kinesin-like motor protein KIF3B	Fwd	GGAGAGCAAGTTACTGATGG
KIF3B	kinesin-like motor protein KIF3B	Rev	TCTCTTTCTTTACGCTTCTGG
TSSK6X1	testis-specific serine/threonine- protein kinase 6 isoform X1	Fwd	CGGTGAATGATATACTGACGAATA
LAMB1	testis-specific serine/threonine- protein kinase 6 isoform X1	Rev	GTTGTCGATATTATCTTCCTCTGT
ETFA	electron transfer flavoprotein subunit alpha	Fwd	GCTCTTCATATTGCGCTTC
ETFA	electron transfer flavoprotein subunit alpha	Rev	ATACCAGAACGAGCCAAA
DDX31	Putative ATP-dependent RNA helicase DDX31	Fwd	CTGGATCAGAGTATGACTGGAATA
DDX31	Putative ATP-dependent RNA helicase DDX31	Rev	GCCATCAATCACTTTCATCTTTCT
Foxl2	Forkhead transcription factor gene 2	Fwd	CAGTTCGCCCTAACCAAGA

Foxl2	Forkhead transcription factor gene 2	Rev	GCAGCATTAGAGGACGGAT
LAMB1	laminin subunit beta-1	Fwd	CAGCAGTGTAACCAGATTGATG
LAMB1	laminin subunit beta-1	Rev	CGACGACTACATTGTGTTGAG
FOLR1	folate receptor 1protein	Fwd	GTATTCAAGACAGCTTCAAACTTT
FOLR1	folate receptor 1protein	Rev	GATTTCTCTTTTCTCCATCAAACC
ABCG2	ATP-binding cassette sub- family G member 2	Fwd	CGTTATGGAACTGAAATGCTGTC
ABCG2	ATP-binding cassette sub- family G member 2	Rev	AATGTTCTGCTCGTCAAGGTAG
