

Cyclin B3 is dispensable for mouse spermatogenesis.

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Supplemental Table S1. Oligonucleotides

Primer	Forward 5' to 3'	Reverse 5' to 3'
CCNB3-A/B	GAGTATTAGCACTGAGTCAGGGAC	GGAATACCTCAGTTTTCTTTTGCAC
GT4-F/R	TGTTGATGAAGAGGAATTTTTCAAATCATTCT	TTCTTTTGCACCCAGAGTTGACTTAAAG
E2-L/G	GCTATAGCAGTTGTTTCTGTTTG	GGTTCTCCCATTTAGAGCACAG
E2-L/3	GCTATAGCAGTTGTTTCTGTTTG	GATCTCTCGTGGGATCATTG
E2-3/4	CCAGTAATTGCAAGTTGGAGTTGGA	TGTGGTCCAGGTCAGAATGCA
Ccnb3-1	CCACTACTTACATGATTGCAGCC	AGGATGCTGCTTTCCAAAGAT
Ccnb3-2	AAAGGCATTCAATCCTGTGCG	GGATCTTGGCCTTCCTTTTC
Ccnb3-3	GCGTAGATATGCTTCGTGCATC	AGGCTGCAGCTAGCTTTGAA
Ccna1	TGGACAGGTTTCTCTCCTGC	CGGGCGGATATATCTCTTCA
Ccna2	TTACCCGGAGCAAGAAAACC	TTCATTAACGTTCACTGGCTTG
Ccnb1	GGCTGACCCAAACCTCTGTA	TCCAGTCACTTCACGACCCT
Ccnb2	AGCCTCTGTGAAACCAGTGC	TGCAGAGCAGAGCATCAGAG
Ccne1	GTGGCTCCGACCTTTTCAGTC	CACAGCTTTGTCAATCTTGGCA
Ccne2	AGGAATCAGCCCTTGCAATATC	CCCAGCTTAAATCTGGCAGAG
Ccnd2	CGCAGACCTTCATCGCTC	CTGCTGAAGCCCACAGATG
Ccnd3	TGCATCTATACGGACCAGGC	AATCAAGGCCAGGAAGTCGT
B2M	ACACTGAATTCACCCCCACTGA	CGATCCCAGTAGACGGTCTTGG
pGBKT7 cyclin B3:	CATGGAGGCCGAATTCATGCCACCACCACTACTA CCC	GGATCCCCGGGAATTCTCAGTGAATAATGCA CAATTCAAAAG
pRSF-DUET cyclin B3:	ACAGATTGGTGGATCCATGCCACCACCACTACTA CCC	CCGCAAGCTTGTTCGATCAGTGAATAATGCAC AATTC
pRSF-DUET cyclin B3 Δ14bp	ATTGTCTGTTCTGGATTCAAAGCATTGCTG	GCCAAGTTCAAAGGCATTCAATCCTG
pRSF-DUET zebrafish cyclin B3:	ACAGATTGGTGGATCCATGCCGTTTTCAAAGGA AAAAAGC	GCTCGAATTCGGATCCTCACTTCAAAGCCCTT CAAGC

Supplemental Table S2. Antibodies

A. Primary Antibodies:

Target	Amount for IP	Dilution for WB	Dilution for IF/IHC*	Host	Supplier	Catalog
Cyclin B3-mAB ^N	10 µg	1:1000-3000	N/A	Mouse	Abmart	C517
Cyclin B3-mAB ^C	2 µg	1:1000-3000	N/A	Mouse	Abmart	C500
Cyclin B3	N/A	1:1000	N/A	Rabbit	Thermoscientific	PA5-37254
SYCP3	N/A	N/A	1:200	Mouse	Santa Cruz	sc-74569
γH2AX	N/A	N/A	1:500	Rabbit	Santa Cruz	sc-101696
DMC1	N/A	N/A	1:100	Rabbit	Santa Cruz	sc-22768
SYCP1	N/A	N/A	1:100	Rabbit	Abcam	ab15090
MLH1	N/A	N/A	1:25	Rabbit	Calbiochem	pc56
pH3	N/A	N/A	1 µg/ml	Rabbit	Upstate	06-570

B. Secondary Antibodies:

Target	Dilution for WB	Dilution for IF/IHC*	Host	Supplier	Catalog
anti-mouse	N/A	1:400	Donkey	Life Technologies	A21203
anti-rabbit	N/A	1:400	Donkey	Thermofisher Scientific	R37118
anti-mouse	1:10000		Goat	Biorad	1721011
anti-rabbit	1:10000		Goat	Biorad	1706515
anti-rabbit	N/A	1:200	Goat	Vector Labs	BA-1000

* IF/IHC, immunofluorescence or immunohistochemistry.