

## Supplementary Material

### **Deletion of the PDZ-binding kinase (*Pbk*) gene does not affect male fertility in mice**

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**Table S1. Guide RNA (gRNA) sequences, primer sequences for in vitro transcription of the gRNAs and, PCR primers to detect mutation**

gRNA sequences (in red texts)	<i>Pbk</i> -exon2-gRNA: GGATCCTAATACGACTCACTATAGGG <b>AACGTGATTGCTACAATGGAGTTT</b> TA GAGCTAGAAATAGC <i>Pbk</i> -exon3-gRNA: GGATCCTAATACGACTCACTATAGGG <b>TCAGCGTTTACCTAATGAAAGTTT</b> TA GAGCTAGAAATAGC
Primer sequences for in vitro transcription of the gRNAs	Primer F [gRNA-F]: GTTTTAGAGCTAGAAATAGC Primer R [T7-gRNA-PCR-R]: AAAAAAGCACCGACTCGGTGCC
PCR primers to detect mutation	<i>Pbk</i> -exon2F: TGGACTATTTGCTGAGGTCATT <i>Pbk</i> -exon2R: TGACCAATCTTATGCCTGTTTACA <i>Pbk</i> -exon3F: TGTACTGCTCCTTTCAAGTGCT <i>Pbk</i> -exon3R: TCTCCAATCCAAGGACAAGAGAC