

Supporting information:

***In utero* and lactational exposure of F1 adult pups to ethanol and nicotine: alteration of reproductive system and epigenetic modifying enzymes of sperm cells?**

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Table S1. The oligonucleotide sequence of primers used for RT-qPCR.

Genes	Gene bank	Gene sequences (5'→3')	Product size (bp)	Annealing temperature (°C)
DNMT1	NM_001199433.1	F: GGACAGTGACACCCTTTCAGTTG R: CCTTCGTGAAGTGAGCCGTG	95	61
DNMT3A	NM_007872.4	F: TGATGGGATTGCTACAGGGCT R: ATGCTTCTGTGTGACGCTGC	163	61
DNMT3B	NM_001271744.1	F: CCAGCCTCACGACAGGAAACA R: CTCCTCATACCCGCTGGCAC	78	62
HDAC1	NM_008228.2	F: ACCGTCCTCACAAAGCCAAT R: ACCGTCCTCACAAAGCCAAT	149	60
HDAC2	NM_008229.2	F: ACGGGTGGTTCAGTTGCTGG R: AGTCCTCCAGCCCAATTGACAG	77	62.5
Beta actin (Actb)	NM_007393.5	F: GTCCACACCCGCCACCAGTT R: GAGCCGTTGTCGACGACCAG	65	63