

Supplemental Material to:

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**Maternal choline modifies fetal liver copper, gene
expression, DNA methylation, and neonatal growth in the
tx-j mouse model of Wilson disease**

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Supplemental Table. Primer sequences used for qPCR analyses.

Gene	Forward Primer 5' to 3'	Reverse Primer 5' to 3'
<i>Ccnd1</i>	CAGATGTGAAGTTCATTTCCAACC	GCAGTCCGGGTCACACTTG
<i>Cpt1a</i>	GGAGGAGACAGACACCATCCA	CGTCATGGTAGAGCCAGACCTT
<i>Dnmt1</i>	CCAGCTGCCAAACGGAGA	CCTCGGGAGTCTCTGGAGCTA
<i>Dnmt3a</i>	CACTGGAGTAGGCGCTGAGAC	CAGCAAAGGGCCTTCCATAG
<i>Dnmt3b</i>	CCGTTCGACTTGGTGATTGG	GGGCAGGATTGACGTTAGAGAG
<i>Gapdh</i>	GAAGCTTGTCATCAACGGGAAG	TTTGATGTTAGTGGGGTCTCGC
<i>Grp78</i>	GTGGAGATCATAGCCAACG	CACATACGACGGCGTGATGC
<i>Mat1a</i>	TCTGTCCCATACTCACCTCTTCAG	TGCCCTGAGGGTAGAAGGC
<i>Mat2a</i>	CAGGAGACCAGGGTTTGATGTT	GCGTAACCAAGGCAATGTACC
<i>Mtr</i>	CTGCAGATGTGGCCAGAAAAG	CAGCCACAAACCTCTTGACTCC
<i>Ppara</i>	CGATGCTGTCCTCCTTGATGA	GAAGTCAAACCTGGGTTCCATGAT
<i>Sahh</i>	ATCCTTGGCCGGCACTTT	TTCTTTAGCCAGTAGCGGTCCA
<i>Srebplc</i>	CTGGCTTGGTGATGCTATGTTG	GACCATCAAGGCCCTCAA