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# Role of Oatp2b1 in Drug Absorption and Drug-Drug Interactions

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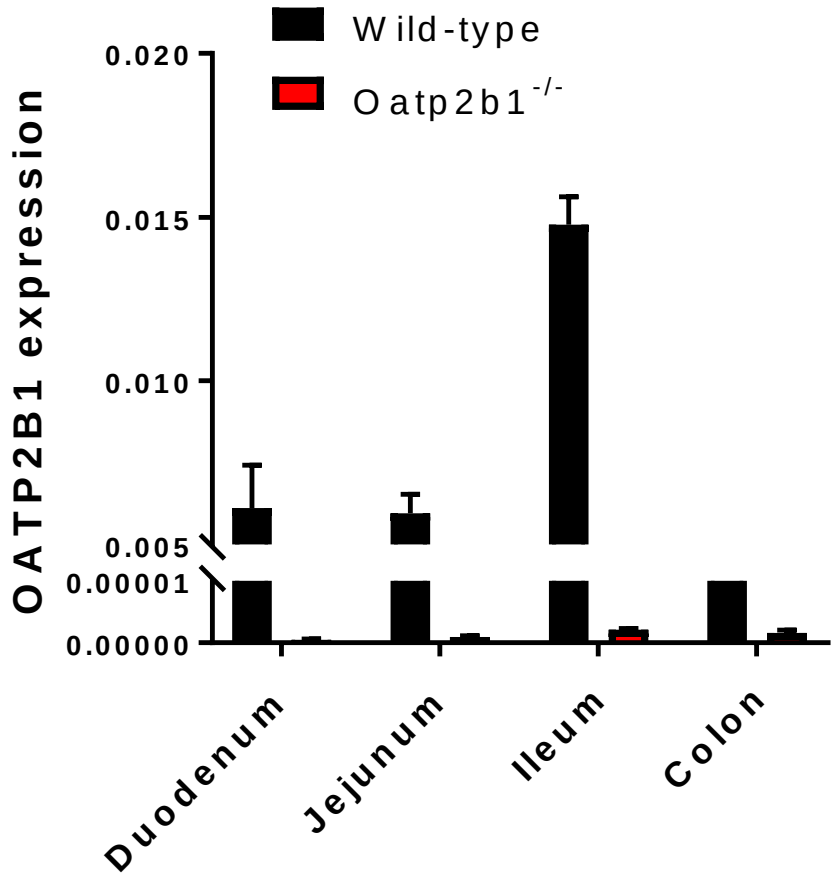
Figure S1. Relative expression of the OATP2B1Oatp2b1 gene in different gastro-intestinal segments of wild-type mice and OATP2B1Oatp2b1-knockout (OATP2B1Oatp2b1-/-) mice as determined by real-time RT-PCR. Data are presented as mean (bars) and SEM (error bars) of at least triplicate observations. Expression values were normalized to the housekeeping gene, GAPDHGapdh.

**Figure S2.** OATP2B1-mediated transport of fluvastatin. Uptake was evaluated in HEK293T cells transfected with an empty vector (VC), or Oatp2b1. Cells were incubated with and [$^3$H]-E3S (2.5 µM) for 5 min or [$^3$H]-fluvastatin (0.2 µM) for 15 min, and uptake values were normalized to those observed for the VC group. Data are presented as mean (bars) and SEM (error bars) of at least triplicate observations. *$P$ < 0.05 vs VC.

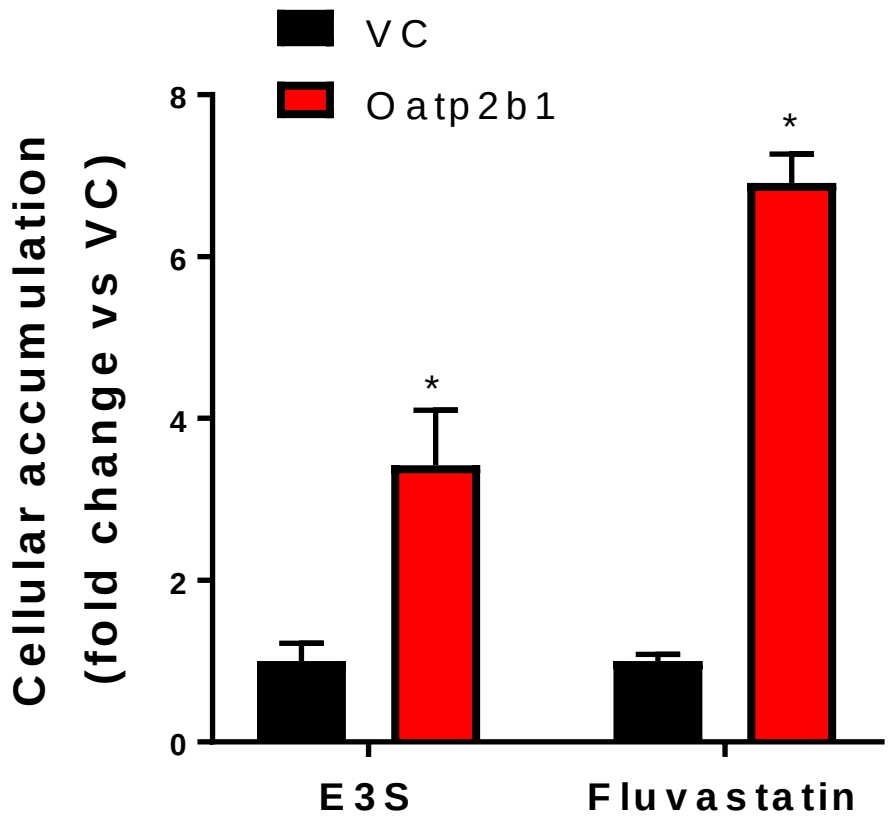
Figure S3. Fluvastation liver to plasma 4 h after oral administration in both male and female wild-type and knockout mice (N=5).

Figure S4. Fluvastation liver to plasma 4 h after oral administration in vehicle- or erlortinib –treated wild-type and knockout mice (N=4).

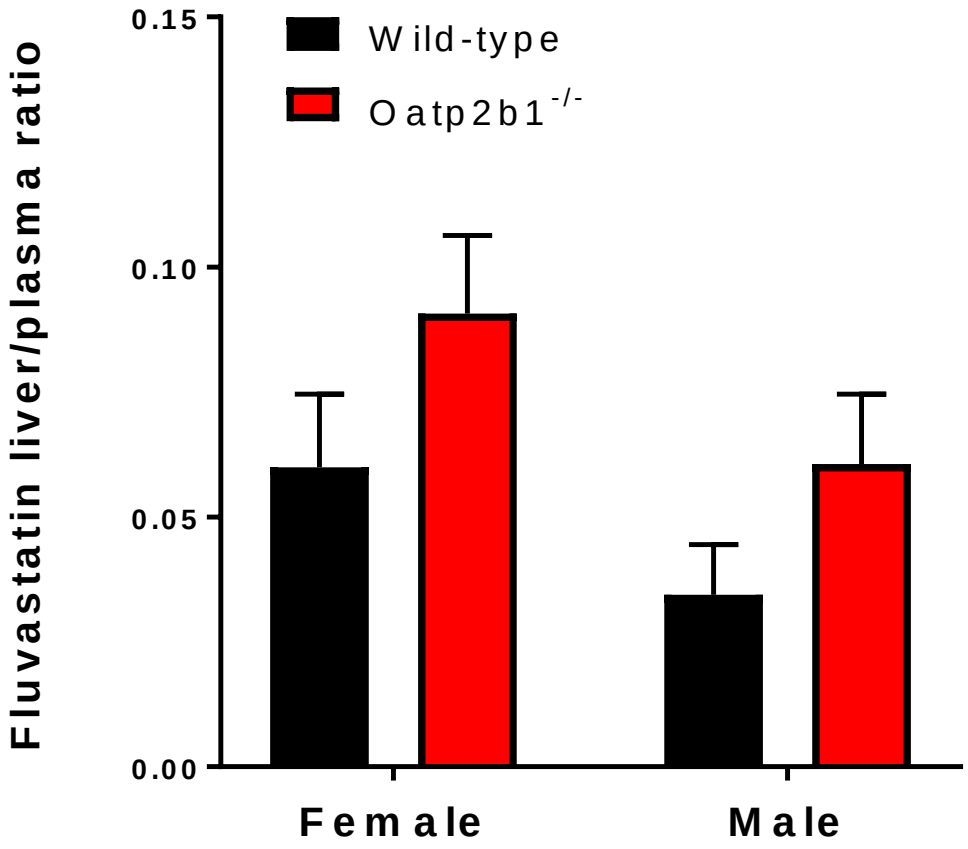
## Supplemental Figure S1



**Supplemental Figure S2**



## Supplemental Figure S3



# Supplemental Figure S4