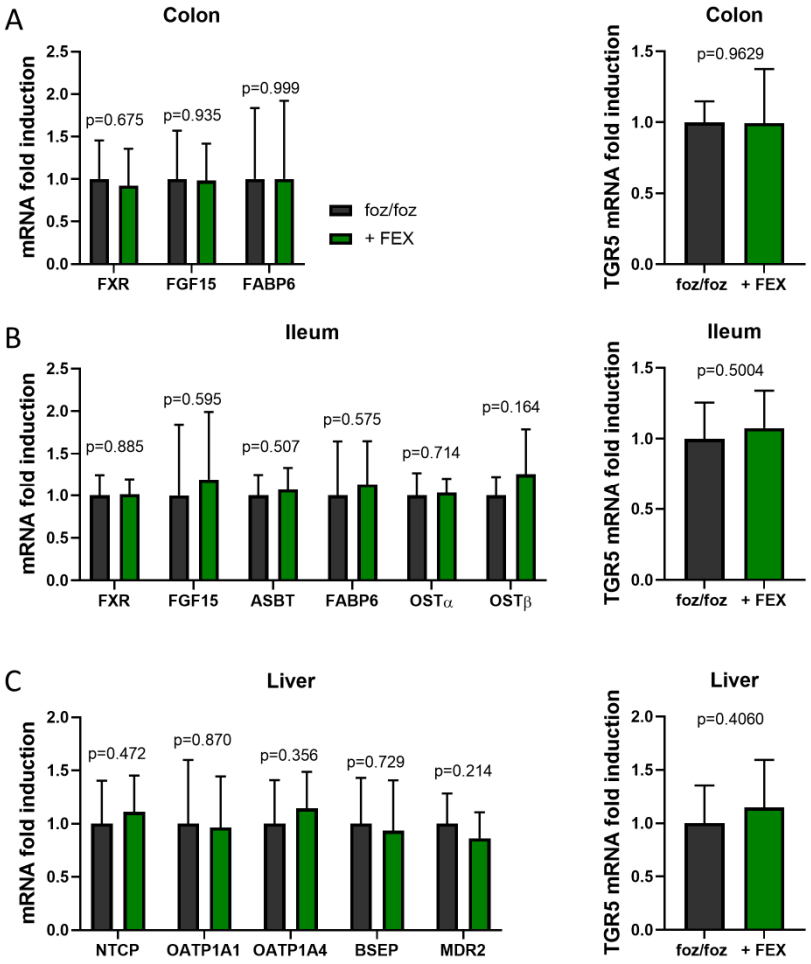


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Figure S1. Gene expression of FXR, of its target genes and of TGR5 in the colon (A), ileum (B) and liver (C) of *foz/foz* and *foz/foz* + FEX mice. Mean ± SD. Student t test.

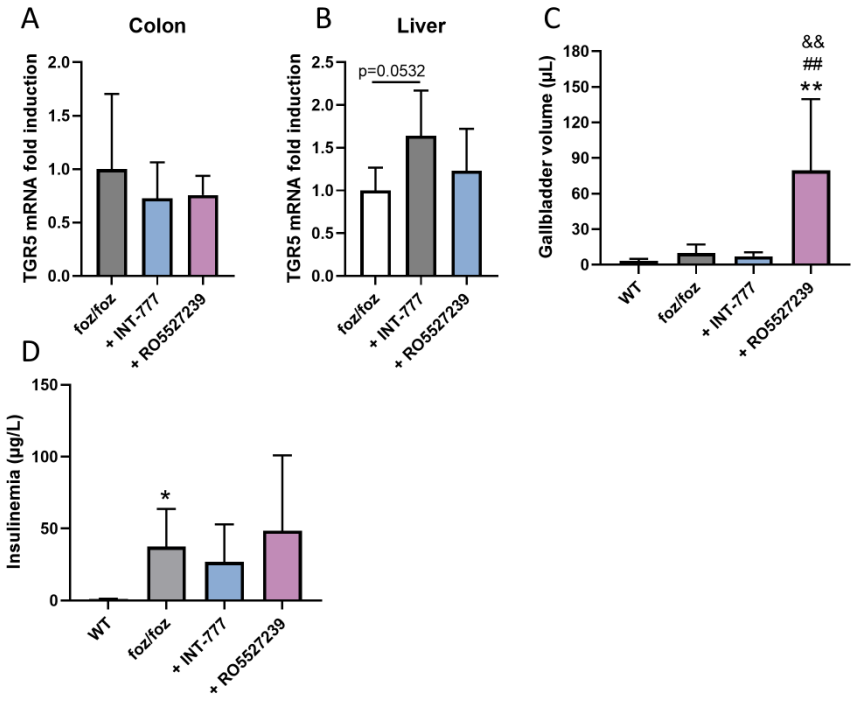


Figure S2. Gene expression of TGR5 in the colon (A) and liver (B) of WT, *foz/foz*, *foz/foz* + INT-777 and *foz/foz* + RO5527239 mice. (C) Volume of bile in the gallbladder of WT, *foz/foz*, *foz/foz* + INT-777 and *foz/foz* + RO5527239 mice. (D) Insulinemia 15 minutes after the administration of glucose to fasted WT, *foz/foz*, *foz/foz* + INT-777 and *foz/foz* + RO5527239 mice. Mean ± standard deviation. One-way ANOVA followed by post-hoc Bonferroni correction. Statistical significance is represented by **p<0.001 when compared to WT; ##p<0.001; when compared to *foz/foz*; and &&p<0.01 when compared to *foz/foz* + INT-777. All p-values < 0.05 are represented on the graphs. Statistical significance is represented by *p<0.05 and **p<0.01 when compared to WT; ##p<0.001; when compared to foz/foz; and &&p<0.01 when compared to foz/foz + INT-777. All p-values < 0.05 are represented on the graphs.