Acoustic detection of DNA conformation in genetic assays combined with PCR

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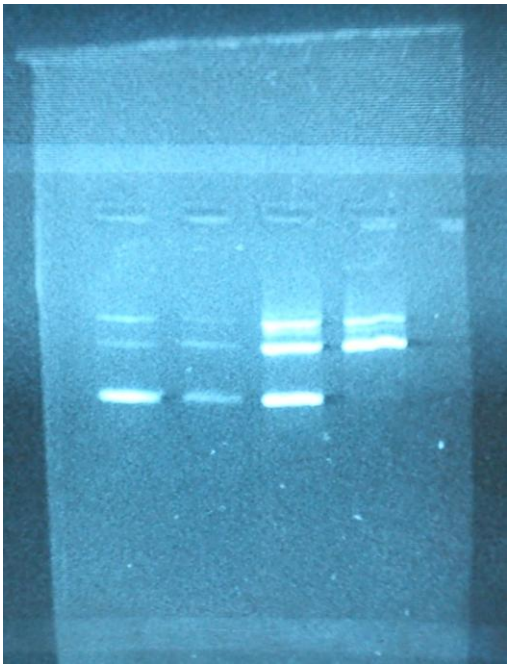
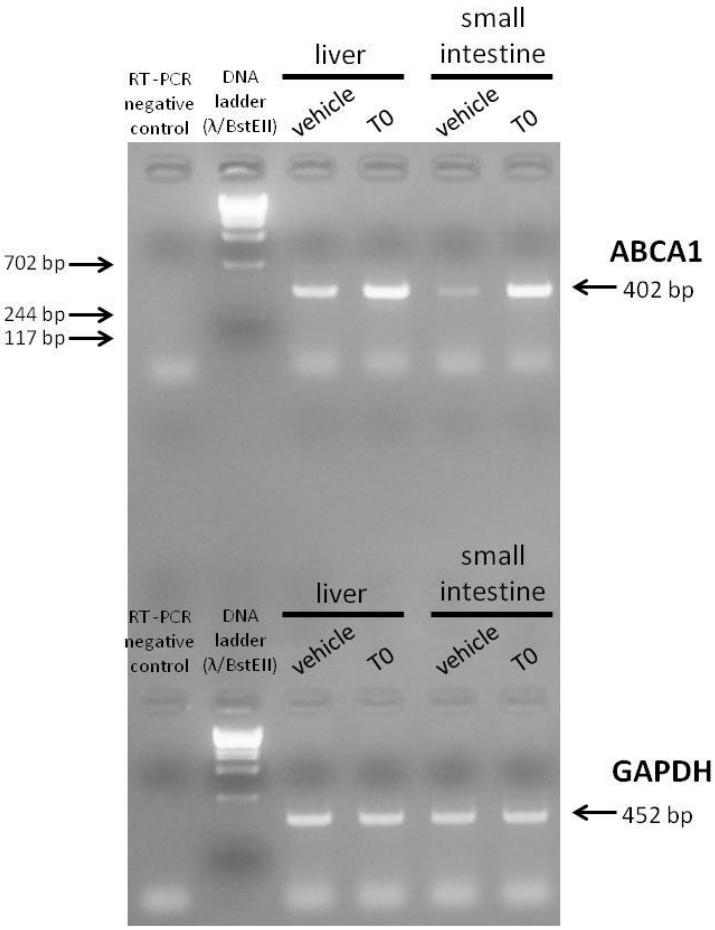
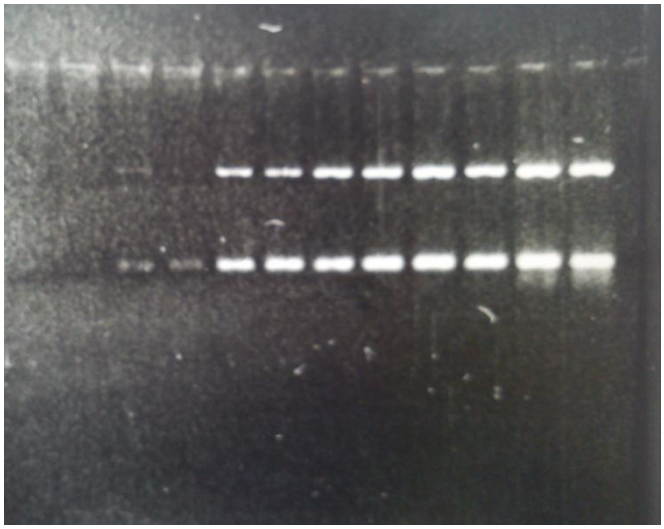


Supplementary Fig. 1:
Original gel image that was presented cropped in Fig. 2 in the main text.
DNA products from a multiplex PCR with wild-type (lane 1), heterozygous (lane 3) and resistive homozygous samples (lane 4) are displayed. Lanes 1, 3 and 4 contain the under comparison samples therefore lane 2 was removed for clarity reasons.



Supplementary Fig. 2:
Original gel image that was presented cropped in Fig. 4 in the main text.
Agarose gel images of ABCA1 and GAPDH gene fragments from separate PCR reactions. The quantification of the results was performed by measuring the intensity of the bands using the Tinascan version 2 software. Background noise was adjusted by applying the following settings: brightness -100, contrast +34. The settings were applied equally across the entire image and were applied equally to controls.



Supplementary Fig. 3:
Original gel image that was presented cropped in Fig. 4 in the main text.
ABCA1 and GAPDH fragments produced in the same tube for different number of cycles using a mixture of cDNAs from liver of treated and untreated mice.