S4 Fig: Genotyping of of Cyp4x1 WT/KO/Cre mice by Southern blotting. Genomic DNA from the tail was digested with KpnI and probed with the enP probe. (A) The wild-type allele produces a band of 10.0 kb, the Flox allele produces a 4.3 kb band and the Cre mediated deletion allele (a knockout allele) produces a band of 1.8Kb (figure A, lane 1), lane 2 represents a wild-type allele. This membrane was re-probed with probes for Cre and Neo in order to confirm the genotype (data not shown). Figure B represents the details of the KpnI restriction map and the enP probe in the knockout allele.