



Fig. S3. Evolutionary conservation of the *Cyp27b1* gene. Analysis of the *Cyp27b1* gene including 5'-5000 bp flanking transcriptional start and 3'-1000 bp were compared between human and mouse. The analysed single nucleotide polymorphisms (SNPs) are located as follows: rs703842 (3211 bp), rs10877012 (3865 bp), rs3782130 (4052 bp) and rs4646536 (7962 bp). Pink areas indicate evolutionary conserved regions (>75% homology). Sequence displayed in 5'-3'-format.