

Additional file 10: Effect of ATB-treatment on sexually-dimorphic gene expression

- (A) Number of male-biased genes (established in $Pxr^{+/+}$ mice, see methods) that remain male-biased in ATB-treated $Pxr^{+/+}$ mice.
- (B) Number of female-biased genes (established in $Pxr^{+/+}$ mice, see methods) that remain female-biased in ATB-treated $Pxr^{+/+}$ mice.
- (C) Hierarchical clustering of all genes significantly different for at least one comparison between the 4 experimental groups ($Pxr^{+/+}$ males, $Pxr^{+/+}$ females, $Pxr^{+/+}$ ATB-treated males, $Pxr^{+/+}$ ATB-treated females).
- (D) Average expression Z-scores over gene clusters defined in (C).

