



**Figure S4. TCF21, AHR, and ARNT co-expression moduls build a strong interconnected network of genes**

Co-expression modules of *TCF21* and *AHR-ARNT* show a high degree of connectivity. *TCF21*, *AHR* and *ARNT* co-expression modules were defined using 4133 human RNA-seq datasets through GeneFriends and visualized with Cytoscape. Colored in different colors for AHR, ARNT and TCF21 are genes that represent direct partners, i.e. genes that are in the top 5% co-expressed genes.