

**S4 Table. Principal Component Analysis of the liver gene expression profile in TBT-exposed zebrafish.**

<b>Gene correlations</b>	<b>PC1 (24.1%)</b>	<b>PC2 (17.9%)</b>	<b>PC3 (11.0%)</b>	<b>PC4 (10.0%)</b>	<b>PC5 (6.8%)</b>
RXR $\alpha$ /a	0.610*	-0.447*	-0.062	0.380*	-0.017
PPAR $\gamma$	0.589*	-0.029	0.308*	0.365*	-0.308*
DGAT2	0.673*	-0.426*	0.006	0.066	0.188
FASn	0.306	0.771*	0.159	0.142	0.022
C/EBP $\alpha$	0.347	-0.051	0.384*	-0.659*	-0.172
C/EBP $\beta$	0.567*	-0.422*	-0.289*	-0.064	0.300*
ACOX1	0.401*	0.212	0.331*	-0.340*	0.155
ACC $\alpha$	0.462*	0.586*	-0.150	0.038	-0.055
SREBP1	-0.134	0.826*	0.146	0.293*	0.010
ChREBP	0.361	-0.071	0.446*	0.545*	0.267
IGF-I	0.637*	0.243	-0.447*	-0.163	-0.094
IGF-II $\alpha$	0.646*	-0.031	0.006	-0.083	-0.604*
11 $\beta$ -HSD2	0.150	0.282	-0.792*	0.128	0.003
11 $\beta$ -HSD3 $\alpha$	0.550*	0.367	0.052	-0.310*	0.485*
<b>TBT (ng/L)</b>	<b>Average scores on PCs</b>				
<i>Males</i>					
Control	0.293	0.0954	0.6121	0.1895	0.4146
10	0.8401	0.7524 <sup>#</sup>	0.1329	0.4282	-0.7398 <sup>#</sup>
50	-1.794 <sup>#</sup>	2.0617	0.897 <sup>#</sup>	0.1949	0.0504
<i>Females</i>					
Control	0.1094	-0.5101	-0.1473	-0.6059	0.3139
10	0.9133	-1.7933 <sup>†</sup>	0.0927	0.4864	-0.4777
50	-0.3619	-0.4151	-0.3632	-0.3141	0.4386

\*indicates significant correlations and <sup>#</sup> significant differences compared to the control (n=8, <sup>#</sup>p<0.05, <sup>†</sup>p<0.1; one-way ANOVA followed by Dunnett's test)