

Table S1. Gene expressions in zebrafishes significantly differed between model and normal control (NC) groups (model vs NC).

Gene name (id)	base Mean	log2(Fold change)	lfc SE	P value	adjusted P value	Direction to NC
<i>Coro1cb</i> (gene13501)*	285.335	2.377	0.648	0.000243	0.004508	Up
<i>Srsf7a</i> (gene13621)	280.438	-2.027	0.218	0.000000	0.000000	Down
<i>Creb3l3l</i> (gene18270)	154.402	-2.207	0.381	0.000000	0.000000	Down
<i>Ndufb9</i> (gene26321)*	104.675	3.699	0.413	0.000000	0.000000	Up
<i>Fabp11b</i> (gene26534)	116.002	2.779	0.338	0.000000	0.000000	Up
<i>Siah2l</i> (gene33082)	525.329	-2.195	0.148	0.000000	0.000000	Down
<i>Atp6v1aa</i> (gene40320)	205.116	-2.274	0.238	0.000000	0.000000	Down
<i>Ankra2</i> (gene40443)	81.303	-3.046	0.404	0.000000	0.000000	Down
<i>Fzd7a</i> (gene41822)*	376.316	4.752	0.763	0.000000	0.000000	Up
<i>Ywhag2</i> (gene43404)	704.919	6.387	2.125	0.002646	0.032297	Up
<i>Agrn</i> (gene45253)	98.952	2.792	0.493	0.000000	0.000001	Up
<i>Hsp90b1</i> (gene45884)	107.389	2.301	0.376	0.000000	0.000000	Up
<i>Rbb4l</i> (gene47307)	198.712	-2.722	0.286	0.000000	0.000000	Down
<i>Tm9sf2</i> (gene599)	351.577	-2.543	0.228	0.000000	0.000000	Down

*Genes which were reversedly regulated by ART