

**Supplementary table 4: Pathways altered in mitotane-treated nonresistant clones compared to DMSO-treated clones (GO enrichment analysis, selection)**

<b>GO.ID</b>	<b>Term</b>	<b># Annotated Genes</b>	<b># Regulated Genes</b>	<b>Reg</b>	<b>Fisher P Value</b>
<b>GO:0043038</b>	amino acid activation	49	4	Up	0.00011
<b>GO:0015804</b>	neutral amino acid transport	19	3	Up	0.00011
<b>GO:0006865</b>	amino acid transport	57	4	Up	0.00019
<b>GO:0044281</b>	small molecule metabolic process	1241	16	Up	0.00024
<b>GO:0043648</b>	dicarboxylic acid metabolic process	61	4	Up	0.00025
<b>GO:0006564</b>	L-serine biosynthetic process	6	2	Up	0.00038
<b>GO:0043090</b>	amino acid import	6	2	Up	0.00038
<b>GO:0055090</b>	acylglycerol homeostasis	8	2	Up	0.00070
<b>GO:0070233</b>	negative regulation of T cell apoptotic process	8	2	Up	0.00070
<b>GO:0070328</b>	triglyceride homeostasis	8	2	Up	0.00070
<b>GO:0061061</b>	muscle structure development	308	7	Up	0.00086

<b>GO.ID</b>	<b>Term</b>	<b># Annotated</b>	<b># Regulated</b>	<b>Reg</b>	<b>Fisher</b>
		<b>Genes</b>	<b>Genes</b>		<b>P Value</b>
<b>GO:0036500</b>	ATF6-mediated unfolded protein response	10	2	Up	0.00112
<b>GO:0046655</b>	folic acid metabolic process	12	2	Up	0.00163
<b>GO:0008219</b>	cell death	1187	14	Up	0.00168
<b>GO:0034220</b>	ion transmembrane transport	453	8	Up	0.00183
<b>GO:0006636</b>	unsaturated fatty acid biosynthetic process	18	2	Down	0.00011
<b>GO:0043436</b>	oxoacid metabolic process	671	5	Down	0.00013
<b>GO:0006082</b>	organic acid metabolic process	674	5	Down	0.00013
<b>GO:0032365</b>	intracellular lipid transport	22	2	Down	0.00017
<b>GO:0071398</b>	cellular response to fatty acid	28	2	Down	0.00028
<b>GO:0042632</b>	cholesterol homeostasis	29	2	Down	0.00030
<b>GO:0055092</b>	sterol homeostasis	29	2	Down	0.00030
<b>GO:0015914</b>	phospholipid transport	31	2	Down	0.00035

<b>GO.ID</b>	<b>Term</b>	<b># Annotated</b>	<b># Regulated</b>	<b>Reg</b>	<b>Fisher</b>
		<b>Genes</b>	<b>Genes</b>		<b>P Value</b>
<b>GO:0042472</b>	inner ear morphogenesis	31	2	Down	0.00035
<b>GO:0045017</b>	glycerolipid biosynthetic process	166	3	Down	0.00037
<b>GO:0016053</b>	organic acid biosynthetic process	169	3	Down	0.00039
<b>GO:0046394</b>	carboxylic acid biosynthetic process	169	3	Down	0.00039
<b>GO:0030301</b>	cholesterol transport	34	2	Down	0.00042
<b>GO:0015918</b>	sterol transport	40	2	Down	0.00058
<b>GO:0070542</b>	response to fatty acid	42	2	Down	0.00064

Reg, regulation.