

Supplementary Table S1. Samples selected in the GSE57811 dataset

Accession	Title	Taxonomy	Platform	Series
GSM1391175	R030501102_COBALT(II) CHLORIDE_10 mg/kg_ INTRAPERITONEAL_SALINE_5d_Male_92412.CEL	<i>Rattus norvegicus</i>	GPL1355	GSE57811; GSE57822
GSM1391300	R030501103_COBALT(II) CHLORIDE_10 mg/kg_ INTRAPERITONEAL_SALINE_5d_Male_92546.CEL	<i>Rattus norvegicus</i>	GPL1355	GSE57811; GSE57822
GSM1391382	R030501101_COBALT(II) CHLORIDE_10 mg/kg_ INTRAPERITONEAL_SALINE_5d_Male_92645.CEL	<i>Rattus norvegicus</i>	GPL1355	GSE57811; GSE57822
GSM1391329	R030501-001_INTRAPERITONEAL_SALINE_5d_Male_92577.CEL	<i>Rattus norvegicus</i>	GPL1355	GSE57811; GSE57822
GSM1391365	R030501-002_INTRAPERITONEAL_SALINE_5d_Male_92625.CEL	<i>Rattus norvegicus</i>	GPL1355	GSE57811; GSE57822
GSM1391231	R030501-003_INTRAPERITONEAL_SALINE_5d_Male_92474.CEL	<i>Rattus norvegicus</i>	GPL1355	GSE57811; GSE57822
GSM1391265	R030501-004_INTRAPERITONEAL_SALINE_5d_Male_92511.CEL	<i>Rattus norvegicus</i>	GPL1355	GSE57811; GSE57822
GSM1391326	R030501-005_INTRAPERITONEAL_SALINE_5d_Male_92574.CEL	<i>Rattus norvegicus</i>	GPL1355	GSE57811; GSE57822

Supplementary Table S2. Top 5 hub genes ranked by degree method

Rank	Name	Attribute	Score
1	<i>Arntl1</i>	Down	30
2	<i>Npas2</i>	Down	28
3	<i>Ccnd1</i>	Up	26
3	<i>Nr1d1</i>	Up	26
5	<i>Ccl2</i>	Up	24

Note. 1 *Arntl* (*Bmal1*).