	iAKI - ISCHEMIA REPERFUSION			vAKI - VOLUME DEPLETION			EXPRESSION PATTERN (FPKM)											
	Region with	Fold		Region with	Fold		Control				Ischemia				Volume Depletion			
GENE	Most Significant Fold Change	Change	P-value	Most Significant Fold Change	Change	P-Value	GI	Co	OM	IM	GI	Co	OM	IM	GI	Co	OM	IM
Tuba4a			NS	ISOM	3.45	1.60E-24												
Stc1			NS	Cortex	10.72	9.35E-15												
Impa1			NS	ISOM	2.19	1.03E-13												
Ip6k2			NS	Cortex	2.11	2.60E-13												
Ddit4l			NS	Cortex	3.57	7.45E-13												
Sec14l1			NS	OSOM	2.60	2.51E-12												
Ccdc3			NS	ISOM	7.23	1.76E-11												
Tfdp2			NS	ISOM	2.37	2.4E-10												
Rnf19b			NS	ISOM	2.09	4.92E-10												
Shb			NS	ISOM	2.19	8.03E-10												
Pfkp			NS	ISOM	2.14	1.54E-09												
Mthfr			NS	OSOM	2.52	3.14E-09												
Fam84a			NS	OSOM	2.24	4.23E-09												
Slc45a3			NS	ISOM	2.86	4.73E-09												
Mfsd7b			NS	ISOM	2.25	4.98E-09												
Pappa2			NS	Cortex	6.35	1.09E-08												
Kctd10			NS	Glom	2.21	1.16E-08												
Arrdc3			NS	OSOM	2.70	4.9E-08												
Slc25a48			NS	ISOM	4.14	5.06E-08												
Cxcr4			NS	Cortex	2.91	5.87E-08												
Cdk18			NS	ISOM	2.10	6.14E-08												
Cidea			NS	Cortex	25.62	7.07E-08												
Cxcl13			NS	ISOM	15.47	7.21E-08												
Suox			NS	ISOM	2.20	7.28E-08												
Lpin2			NS	ISOM	2.41	9.05E-08												
Gem			NS	Cortex	6.10	9.65E-08												
Camk1d			NS	ISOM	2.71	1.28E-07												
Kiss1			NS	Glom	13.23	1.89E-07												
Rph3al			NS	Glom	3.05	2.66E-07												
Atp4a			NS	OSOM	3.80	3.1E-07												
Nr4a2			NS	ISOM	4.91	5.07E-07												
Rassf10			NS	ISOM	2.27	6.62E-07												
Ppp2r3a			NS	Cortex	2.03	8.63E-07												
Sesn2			NS	Glom	3.19	9.76E-07												
Mogat1			NS	ISOM	8.96	9.84E-07												
A230056P14Rik			NS	Glom	4.12	1.08E-06												
Gm6194			NS	Glom	3.56	1.12E-06												
Klhl29			NS	OSOM	3.69	1.23E-06												
Slc14a1			NS	Cortex	4.63	1.34E-06												
Luzp2			NS	ISOM	6.19	1.38E-06												
Pgap1			NS	ISOM	2.15	1.41E-06												
F13b			NS	ISOM	8.33	1.92E-06												
Rasal1			NS	OSOM	3.87	2.05E-06												
Aqp2			NS	Glom	7.22	2.1E-06												
Zfp286			NS	OSOM	3.77	2.21E-06												
Zfp185			NS	OSOM	2.09	2.49E-06												
Nlgn1			NS	Glom	128.41	2.49E-06												
Slc4a7			NS	ISOM	2.09	2.57E-06												
Ppp4r4			NS	OSOM	2.07	2.58E-06												
Nup62cl			NS	Glom	123.84	2.6E-06												
Enpp2			NS	OSOM	3.28	2.75E-06												
Ccrn4l			NS	Cortex	2.91	3.18E-06												
Apod			NS	Cortex	6.51	3.41E-06												
Rnf182			NS	Glom	127.70	4.06E-06												
Nostrin			NS	Cortex	2.06	4.15E-06												
Nxph3			NS	ISOM	3.04	4.29E-06												
Nek11			NS	Glom	80.38	4.38E-06												
Unc13c			NS	Glom	95.67	4.88E-06												
9530026P05Rik			NS	Cortex	3.25	5.06E-06												
Clcnka			NS	ISOM	2.26	5.4E-06												
E030013I19Rik			NS	ISOM	6.08	5.61E-06												
Csmd1			NS	Glom	8.46	7.2E-06												
Nfil3			NS	ISOM	5.00	7.22E-06												
Ldoc1l			NS	OSOM	2.82	7.25E-06												
Usp53			NS	Cortex	2.02	7.54E-06												
Shbg			NS	OSOM	5.15	7.59E-06												
Dab1			NS	OSOM	2.55	7.81E-06												
Cited4			NS	ISOM	3.34	9.24E-06												
Trim9			NS	OSOM	14.79	9.43E-06												
Sema4c			NS	Cortex	2.27	1E-05												
Acsm2			NS	ISOM	7.44	1.02E-05												
B230312C02Rik			NS	ISOM	14.51	1.03E-05												
Gpr98			NS	OSOM	5.29	1.03E-05												
2010107G23Rik			NS	Glom	2.73	1.11E-05												
Ednrb			NS	Cortex	2.37	1.14E-05												
Hpd			NS	ISOM	10.97	1.25E-05												
Mapk10			NS	OSOM	3.78	1.31E-05												
Rdh18-ps			NS	ISOM	3.37	1.51E-05												
Peg3			NS	Cortex	3.13	1.65E-05												
Espnl			NS	OSOM	3.49	1.71E-05												
Cpne5			NS	OSOM	6.45	1.93E-05												
Folh1			NS	ISOM	7.09	1.96E-05												
2210408F21Rik			NS	ISOM	2.94	2.09E-05												
Nptx1			NS	ISOM	9.40	2.38E-05												
Plcxd1			NS	OSOM	2.58	2.45E-05												
Arrdc2			NS	ISOM	2.04	2.5E-05												
Spp2			NS	ISOM	7.77	2.83E-05												
Arhgef37			NS	ISOM	2.87	2.91E-05												
Nxph4			NS	Glom	81.30	2.95E-05												
Slc22a6			NS	ISOM	6.25	2.97E-05												
Gas7			NS	Cortex	2.05	3.06E-05												
Gm1332			NS	ISOM	8.44	3.08E-05												
Ucp1			NS	Cortex	31.77	3.27E-05												
Hist1h2bb			NS	ISOM	5.47	3.48E-05												
Etnk2			NS	ISOM	2.03	3.58E-05												
Abca1			NS	Cortex	2.16	5.01E-05												
Maml3			NS	Cortex	2.04	5.06E-05												
Tmem27			NS	ISOM	2.37	5.38E-05												
Cyp2d26			NS	ISOM	5.02	5.44E-05												
Igfbp5			NS	ISOM	2.34	5.94E-05												
Nrap			NS	ISOM	3.68	5.99E-05												
Acmsd			NS	ISOM	7.76	8.84E-05												
Gprc5b			NS	ISOM	2.26	9.65E-05												