

Suppl Table 2_Differentially expressed genes in neurons among violent offenders versus healthy controls

Differential gene expression results							
Ensembl ID	HGNC symbol	Gene description	Gene biotype	Average expression	Log2 foldchange	P-value	Adjusted p-value
ENSG00000233913	RPL10P9	ribosomal protein L10 pseudogene 9 [Source:HGNC Symbol;Acc:HGNC:35579]	processed_pseudogene	98,9086155	3,432908226	8,25764357842892E-10	4,290589027E-05
ENSG00000268912			lincRNA	79,38681476	2,447221024	3,48649240512509E-09	9,057732944E-05
ENSG00000131849	ZNF132	zinc finger protein 132 [Source:HGNC Symbol;Acc:HGNC:12916]	protein_coding	138,3796984	2,407483358	4,37037575307365E-08	0,000756935
ENSG00000256299			lincRNA	21,89050185	1,526482228	3,39073342110157E-06	0,044044779
ENSG00000107807	TLX1	T-cell leukemia homeobox 1 [Source:HGNC Symbol;Acc:HGNC:5056]	protein_coding	9,11854719	-2,463966906	5,34441906367901E-06	0,055538134
ENSG00000185053	SGCZ	sarcoglycan zeta [Source:HGNC Symbol;Acc:HGNC:14075]	protein_coding	16,81532365	1,839777435	2,2789412672424E-05	0,187777155
ENSG00000128284	APOL3	apolipoprotein L3 [Source:HGNC Symbol;Acc:HGNC:14868]	protein_coding	13,24403807	-2,239235587	2,52976402105966E-05	0,187777155
ENSG00000175591	P2RY2	purinergic receptor P2Y2 [Source:HGNC Symbol;Acc:HGNC:8541]	protein_coding	5,405472127	-2,145541297	3,49002438783743E-05	0,226672721
ENSG00000164659	KIAA1324L	KIAA1324 like [Source:HGNC Symbol;Acc:HGNC:21945]	protein_coding	1178,160795	1,02934377	5,24334042834303E-05	0,27561063
ENSG00000116329	OPRD1	opioid receptor delta 1 [Source:HGNC Symbol;Acc:HGNC:8153]	protein_coding	56,0250477	-1,609495554	5,53505786226229E-05	0,27561063
ENSG00000165694	FRMD7	FERM domain containing 7 [Source:HGNC Symbol;Acc:HGNC:8079]	protein_coding	27,86647773	-2,310951729	5,90666911709552E-05	0,27561063
ENSG00000245213			antisense_RNA	13,49993796	-1,259987212	6,36526408196198E-05	0,27561063
ENSG00000203883	SOX18	SRY-box 18 [Source:HGNC Symbol;Acc:HGNC:11194]	protein_coding	6,424521207	-2,217293908	7,50793595461705E-05	0,300080649
ENSG00000204767	FAM196B	family with sequence similarity 196 member B [Source:HGNC Symbol;Acc:HGNC:37271]	protein_coding	32,66716158	1,670057643	8,22805496171345E-05	0,305372506
ENSG00000258590	NBEAP1	neurobeachin pseudogene 1 [Source:HGNC Symbol;Acc:HGNC:1007]	transcribed_unprocessed_pseudogene	8,587268184	-2,179944077	9,16605149287789E-05	0,317505913
ENSG00000069667	RORA	RAR related orphan receptor A [Source:HGNC Symbol;Acc:HGNC:10258]	protein_coding	542,2048328	1,035793386	0,000106192	0,344852186
ENSG00000179776	CDH5	cadherin 5 [Source:HGNC Symbol;Acc:HGNC:1764]	protein_coding	7,101006834	-1,973743001	0,000124994	0,382034492
ENSG00000082293	COL19A1	collagen type XIX alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:2196]	protein_coding	154,2278045	2,160162521	0,000139696	0,403247315
ENSG00000164626	KCNK5	potassium two pore domain channel subfamily K member 5 [Source:HGNC Symbol;Acc:HGNC:6280]	protein_coding	9,115539844	-2,101937744	0,000155484	0,425199744
ENSG00000278012			sense_intronic	14,34855829	1,534044211	0,000167621	0,435469858
ENSG00000141448	GATA6	GATA binding protein 6 [Source:HGNC Symbol;Acc:HGNC:4174]	protein_coding	13,05844022	-2,099099522	0,000201046	0,497435933
ENSG00000174279	EVX2	even-skipped homeobox 2 [Source:HGNC Symbol;Acc:HGNC:3507]	protein_coding	11,3217572	-2,040176007	0,000221653	0,523492973
ENSG00000233073			antisense_RNA	13,35915368	1,627489043	0,000320407	0,7238268
ENSG00000215030	RPL13P12		processed_pseudogene	358,330596	1,856073735	0,000343173	0,742955341
ENSG00000117266	CDK18	cyclin dependent kinase 18 [Source:HGNC Symbol;Acc:HGNC:8751]	protein_coding	69,85665144	-1,098782369	0,000400628	0,75810953
ENSG00000172014	ANKRD20A4	ankyrin repeat domain 20 family member A4 [Source:HGNC Symbol;Acc:HGNC:31982]	protein_coding	6,842265564	1,814326205	0,000415971	0,75810953
ENSG00000171794	UTF1	undifferentiated embryonic cell transcription factor 1 [Source:HGNC Symbol;Acc:HGNC:12634]	protein_coding	6,052491352	-2,008194764	0,000421671	0,75810953
ENSG00000183153	GJD3	gap junction protein delta 3 [Source:HGNC Symbol;Acc:HGNC:19147]	protein_coding	4,606457183	-1,863874603	0,00043993	0,75810953
ENSG00000186564	FOXD2	forkhead box D2 [Source:HGNC Symbol;Acc:HGNC:3803]	protein_coding	12,14054752	-1,87000807	0,000443417	0,75810953
ENSG00000091879	ANGPT2	angiopoietin 2 [Source:HGNC Symbol;Acc:HGNC:485]	protein_coding	140,9867944	1,941336774	0,000467676	0,75810953
ENSG00000057657	PRDM1	PR/SET domain 1 [Source:HGNC Symbol;Acc:HGNC:9346]	protein_coding	29,95036281	-1,750285614	0,000472765	0,75810953
ENSG00000260389			transcribed_processed_pseudogene	2,245313557	-2,012633817	0,000474986	0,75810953
ENSG00000179520	SLC17A8	solute carrier family 17 member 8 [Source:HGNC Symbol;Acc:HGNC:20151]	protein_coding	49,66407403	1,788206853	0,000500272	0,75810953
ENSG00000224897	POT1-AS1	POT1 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:49459]	antisense_RNA	92,81549418	0,719958817	0,000509719	0,75810953
ENSG00000175556	LONRF3	LON peptidase N-terminal domain and ring finger 3 [Source:HGNC Symbol;Acc:HGNC:21152]	protein_coding	57,05495113	-1,711374813	0,000510669	0,75810953
ENSG00000267984			antisense_RNA	10,33495487	1,961857538	0,000544032	0,772017923
ENSG00000149243	KLHL35	kelch like family member 35 [Source:HGNC Symbol;Acc:HGNC:26597]	protein_coding	274,5483801	-1,225729906	0,000549754	0,772017923
ENSG00000204612	FOXB2	forkhead box B2 [Source:HGNC Symbol;Acc:HGNC:23315]	protein_coding	2,45810178	-1,97868394	0,000578601	0,79114618
ENSG00000269646			lincRNA	5,644665801	1,549612525	0,000602858	0,800795804
ENSG00000113361	CDH6	cadherin 6 [Source:HGNC Symbol;Acc:HGNC:1765]	protein_coding	3171,656791	-1,300058513	0,000616483	0,800795804
ENSG00000182177	ASB18	ankyrin repeat and SOCS box containing 18 [Source:HGNC Symbol;Acc:HGNC:19770]	protein_coding	8,578089638	-1,897724875	0,000648199	0,810274832
ENSG00000005020	SKAP2	src kinase associated phosphoprotein 2 [Source:HGNC Symbol;Acc:HGNC:15687]	protein_coding	71,6115059	1,201332326	0,000654969	0,810274832
ENSG00000283632	EXOC3L2	exocyst complex component 3 like 2 [Source:HGNC Symbol;Acc:HGNC:30162]	protein_coding	9,011522284	-1,746235566	0,00070528	0,852224508
ENSG00000110237	ARHGEF17	Rho guanine nucleotide exchange factor 17 [Source:HGNC Symbol;Acc:HGNC:21726]	protein_coding	707,2191282	-0,560255277	0,000727489	0,859081893
ENSG00000079689	SCGN	secretagogin, EF-hand calcium binding protein [Source:HGNC Symbol;Acc:HGNC:16941]	protein_coding	1620,298505	-1,930069153	0,000745498	0,860785151
ENSG00000261614			processed_pseudogene	2,821778626	-1,909988202	0,000778189	0,869333666
ENSG00000178015	GPR150	G protein-coupled receptor 150 [Source:HGNC Symbol;Acc:HGNC:23628]	protein_coding	6,966203704	-1,748853317	0,000787638	0,869333666
ENSG00000204930	FAM221B	family with sequence similarity 221 member B [Source:HGNC Symbol;Acc:HGNC:30762]	protein_coding	7,214258489	-1,773572781	0,000803095	0,869333666
ENSG00000147403	RPL10	ribosomal protein L10 [Source:HGNC Symbol;Acc:HGNC:10298]	protein_coding	3842,2688031862	-0,698228443	0,000968964	1
ENSG00000230623			lincRNA	2,76651649	-1,800279401	0,000988035	1
ENSG00000151553	FAM160B1	family with sequence similarity 160 member B1 [Source:HGNC Symbol;Acc:HGNC:29320]	protein_coding	1244,55806	0,307302733	0,000993153	1
ENSG00000228075	BOD1L2	biorientation of chromosomes in cell division 1 like 2 [Source:HGNC Symbol;Acc:HGNC:28505]	protein_coding	3,055042757	-1,889175586	0,001035232	1
ENSG00000102445	RUBCNL	RUN and cysteine rich domain containing beclin 1 interacting protein like [Source:HGNC Symbol;Acc:HGNC:20420]	protein_coding	34,02321531	1,38565897	0,001077776	1
ENSG00000187391	MAGI2	membrane associated guanylate kinase, WW and PDZ domain containing 2 [Source:HGNC Symbol;Acc:HGNC:18957]	protein_coding	1622,578589	0,825093164	0,001098021	1
ENSG00000181201	HIST3H2BA	histone cluster 3 H2B family member a (pseudogene) [Source:HGNC Symbol;Acc:HGNC:20515]	unitary_pseudogene	101,2198542	-1,536254637	0,001110199	1
ENSG00000162676	GFI1	growth factor independent 1 transcriptional repressor [Source:HGNC Symbol;Acc:HGNC:4237]	protein_coding	9,25718347	-1,493988108	0,00112579	1
ENSG00000271344			lincRNA	14,19249128	1,31496859	0,001163638	1
ENSG00000279143			TEC	2,541572018	-1,863945467	0,001219489	1
ENSG00000164287	CDC20B	cell division cycle 20B [Source:HGNC Symbol;Acc:HGNC:24222]	protein_coding	19,31120132	-1,848943588	0,001225071	1
ENSG00000237550	RPL9P9	ribosomal protein L9 pseudogene 9 [Source:HGNC Symbol;Acc:HGNC:17251]	transcribed_processed_pseudogene	224,0962822	1,603236652	0,001316399	1
ENSG00000255181	CCDC166	coiled-coil domain containing 166 [Source:HGNC Symbol;Acc:HGNC:41910]	protein_coding	2,823509669	-1,737495705	0,00133777	1
ENSG00000204967	PCDHA4	protocadherin alpha 4 [Source:HGNC Symbol;Acc:HGNC:8670]	protein_coding	626,9908869	0,803974694	0,001361241	1
ENSG00000164093	PITX2	paired like homeodomain 2 [Source:HGNC Symbol;Acc:HGNC:9005]	protein_coding	14,64784909	-1,667492906	0,00138682	1
ENSG00000223403	MEG9	maternally expressed 9 (non-protein coding) [Source:HGNC Symbol;Acc:HGNC:43874]	lincRNA	31,94333829	1,839384806	0,001392596	1

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ENSG00000260114			sense_intronic	73,40216326	0,545199443	0,049674146	1
ENSG00000250865			lincRNA	2,62192748	-1,118472282	0,049749133	1
ENSG00000272770			antisense_RNA	31,19688855	1,073397777	0,049814554	1
ENSG00000248685	LINC02484	long intergenic non-protein coding RNA 2484 [Source:HGNC Symbol;Acc:HGNC:53459]	lincRNA	2,946648674	-1,07533984	0,04981542	1
ENSG00000147408	CSGALNACT1	chondroitin sulfate N-acetylgalactosaminyltransferase 1 [Source:HGNC Symbol;Acc:HGNC:24290]	protein_coding	254,5665178	0,926361893	0,049843182	1
ENSG00000171403	KRT9	keratin 9 [Source:HGNC Symbol;Acc:HGNC:6447]	protein_coding	3,683432377	-1,128905271	0,04993949	1
ENSG00000259727			lincRNA	2,010543903	-1,118957702	0,049986052	1
ENSG00000232115			processed_pseudogene	1,101408162	-0,9869638	0,050106344	1
ENSG00000186152	LILRP1	leukocyte immunoglobulin-like receptor pseudogene 1 [Source:HGNC Symbol;Acc:HGNC:15496]	unprocessed_pseudogene	2,632527687	-1,125409177	0,050189428	1
ENSG00000230452	LINC01381	long intergenic non-protein coding RNA 1381 [Source:HGNC Symbol;Acc:HGNC:50653]	antisense_RNA	1,979512038	-1,106750757	0,050200419	1
ENSG00000234597			lincRNA	1,283288442	-1,10495258	0,050228537	1
ENSG00000234612	H2AFZP5	H2A histone family member Z pseudogene 5 [Source:HGNC Symbol;Acc:HGNC:38018]	processed_pseudogene	2,222755496	-1,119547101	0,050230069	1
ENSG00000166881	NEMP1	nuclear envelope integral membrane protein 1 [Source:HGNC Symbol;Acc:HGNC:29001]	protein_coding	924,9650966	-0,421790163	0,050322585	1
ENSG00000254384	MTND6P19	mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 6 pseudogene 19 [Source:HGNC Symbol;Acc:HGNC:29001]	unprocessed_pseudogene	1,571173431	-1,091670343	0,050422161	1
ENSG00000253187	HOXA10-AS	HOXA10 antisense RNA [Source:HGNC Symbol;Acc:HGNC:40281]	antisense_RNA	1,808071797	-1,05270924	0,05042378	1
ENSG00000261758			antisense_RNA	14,43461711	-0,815200494	0,050442209	1