

Supplementary Table 1: Demographic, medical history and CNS collection data for those subjects in which cortical mRNA levels were measured.

Controls	Age (yr)	Sex	PMI (hr)	pH	RIN	Cause of death	DoI (yr)	Antipsychotic Drugs	FRADD	Anti-cholinergic	Suicide	Benzodiazepines	Blood / Urine Toxicology			NicAlert Score
													Cannabinoids	Alcohol	Other	
	71	M	50	6.33	9.8	Ischaemic heart disease				N	N	N				
	59	F	20.5	6.58	9.8	Congestive cardiac failure				N	N	N				
	65	M	41	6.56	9.8	Ischaemic heart disease				N	N	N				
	73	F	28	6.37	9.2	Cancer: uterus				N	N	N				
*	68	F	38	6.32	7.4	Acute asthma				N	N	N				3
	50	M	69	6.43	8.9	Ischaemic heart disease				N	N	N				
	65	M	20.5	6.47	8.5	Acute myocardial infarct				N	N	N				
*	50	M	65	6.40	8.8	Ischaemic heart disease				N	N	N				3
*	25	M	50	6.48	7.6	Exsanguination				N	N	N				3
*	53	M	44.5	6.56	9.0	Ischaemic heart disease				N	N	N				3
*	22	M	51	6.58	8.6	Exsanguination				N	N	N				2
	36	F	60	6.40	9.9	Dilated cardiomyopathy				N	N	N				
	46	M	46.5	6.08	9.6	Acute myocardial infarct				N	N	N				
	22	M	62	6.39	9.5	Iatrogenic haemorrhage				N	N	N				
	25	M	35	6.15	9.7	Ventricular hypertrophy				N	N	N				
	26	M	46.5	6.37	9.5	Electrocution				N	N	N				
*	42	M	63	6.34	8.4	Cardiomegaly				N	N	N				3
*	66	F	43	6.37	9.0	Acute myocardial infarct				N	N	N				0
	43	M	45	6.25	9.8	Drowning				N	N	N				
*	26	M	24	6.42	9.3	Electrocution				N	N	N				3
	48	M	24	6.37	9.7	Coronary artery atheroma				N	N	N				
*	72	M	39	6.21	8.5	Coronary artery atheroma				N	N	N				0
	48	M	56	6.38	8.9	Ischaemic heart disease				N	N	N				
*	68	M	41	6.06	9.3	Aortic stenosis				N	N	N				0
*	68	M	69	6.59	8.6	Coronary artery atheroma				N	N	N				3
*	52	M	22	5.98	8.6	Pulmonary embolus				N	N	N				1
*	43	M	51	6.43	9.1	Coronary artery atheroma				N	N	N				3
	53	M	12	6.34	7.0	Pulmonary thromboembolism				N	N	N				
*	39	F	65	6.38	7.5	Mitral valve prolapse				N	N	N				1
*	42	M	26	6.32	8.3	Coronary artery atheroma				N	N	N				1
Schizophrenia: MRDS																
*	51	M	20	5.98	9.5	Ischaemic heart disease	32	Fluphenazine, Thioridazine	2000	N	N	Y				3
*	25	M	49	6.38	9.3	Overdose	2	Trifluoperazine	200	N	Y	N	Y			2
*	53	M	37	5.98	9.5	Intestinal ischaemia	30	Fluphenazine, chlorpromazine	1700	Y	N	N		Y		2
*	67	M	21	6.46	9.1	Pneumonia	36	Fluphenazine	75	Y	N	N				1
*	44	M	32	6.28	9.1	Ischaemic heart disease	23	Thioridazine	600	N	N	N			Y	3
*	71	M	48	6.45	8.6	Aspiration: food	53	Thioridazine	150	Y	N	Y		Y		1
*	53	M	43	6.23	9.3	Aspiration: food	7	Chlorpromazine	200	N	N	N				3
*	69	M	44.5	6.38	8.2	Ischaemic heart disease	47	Trifluoperazine	100	Y	N	N				3
*	22	M	37	6.17	9.6	Overdose	3	Pimozide	200	N	Y	N	Y			3
*	65	F	50	6.35	8.3	Ruptured abdominal aneurysm	18	Fluphenazine, haloperidol	550	Y	N	Y		Y		0
*	41	M	31	6.20	8.6	Overdose	11	Fluphenazine, trifluoperazine	500	N	Y	Y	Y	Y		3
*	42	M	47	6.26	7.5	Coronary artery atheroma	22	Fluphenazine	1000	Y	N	N				3
*	26	M	52	6.39	7.7	Carbon monoxide poisoning	2	Haloperidol	500	Y	Y	Y	Y	Y		3
*	47	F	50	6.31	8.8	Pneumonia	20	Risperidone	600	N	N	Y				1
*	48	M	30	6.62	8.9	Bronchopneumonia	24	Flupenthixol, thioridazine	1250	N	N	Y				0
Schizophrenia: non-MRDS																
*	71	F	36	5.84	8.2	Chronic obstructive airways disease	48	Off drug		N	N	N				0
*	66	M	39.5	6.49	8.8	Bronchopneumonia	45	Chlorpromazine, Haloperidol	1200	N	N	Y				0
*	47	M	32.5	6.41	9.1	Ischaemic heart disease	27	Fluphenazine, Thioridazine	530	N	N	N				3
*	27	M	22	6.28	8.6	Burning	8	Chlorpromazine, Pimozide	1200	N	Y	Y				3
*	72	F	58.5	6.48	8.8	Aspiration: Pneumonia	37	Chlorpromazine	25	N	N	N				1
*	47	M	41.5	6.52	9.4	Multiple injuries	21	Chlorpromazine, haloperidol	1400	N	Y	Y				3
*	22	M	37	6.07	9.0	Pericarditis	3	Trifluoperazine, flupenthixol	450	N	N	N	Y	Y		3

*	38	M	50	6.02	8.8	Meningoencephalitis	4	Clozapine	100	Y	N	N	Y	Y	Y	3
*	35	F	15	6.26	9.0	Coronary artery thrombosis	7	Haloperidol	300	Y	N	N	Y			2
*	55	M	25	6.10	9.3	Coronary artery atheroma	33	Thioridazine	400	Y	N	Y		Y		1
*	48	F	52.5	6.21	8.8	Pulmonary thromboembolism	22	Fluphenazine, chlorpromazine	700	N	N	N				3
*	65	M	42	6.29	8.5	Bronchopneumonia	36	Trifluoperazine, haloperidol	460	Y	N	N		Y		3
*	42	M	47	6.44	8.4	Hanging	8	Haloperidol	128	Y	Y	Y	Y	Y		3
*	23	M	78	6.19	9.6	Multiple injuries	5	Haloperidol	300	Y	Y	N	Y	Y	Y	1
*	70	M	46	6.80	8.4	Bronchopneumonia	20	Off Drug		N	N	N		Y		

Abbreviations: DoI = duration of illness; FRADD = final recorded antipsychotic drug dose in mg chlorpromazine equivalents / day; PMI = post-mortem interv. * these subjects were used for the microarray study

Notes: Anticholinergic Drugs and Benzodiazepines are listed as whether or not they have been prescribed. Cannabinoids, alcohol and other non-prescribed drugs are listed when detected in blood or urine after autopsy.

NicAlert Score relative to cotinine concentrations (mg / ml): 0 = 0-10, 1 = 10-30, 2 = 30-100, 3 = 100-200, 4 = 200-500, 5 = 500-1000, 6 > 1000. Scores > 3 indicative of use of tobacco.

A positive NicAlert score (> 3) is indicative of exposure to nicotine 48 hrs before sample collection.