

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Supplemental table for Curley et al., Cortical Deficits of Glutamic Acid Decarboxylase 67 Expression in Schizophrenia: Clinical, Protein, and Cell Type-Specific Features, Am J Psychiatry (doi: 10.1176/appi.ajp.2011.11010052)														
2															
3	<b>TABLE S1. Characteristics of Human Subjects Used in this Study</b>														
4															
5	<b>Comparison Subjects</b>										<b>Subjects with Schizophrenia</b>				
6	<b>Pair</b>	<b>Case</b>	<b>Sex/ Race</b>	<b>Age</b>	<b>PMI<sup>d</sup></b>	<b>Storage Time<sup>e</sup></b>	<b>RIN</b>	<b>pH</b>	<b>Cause of Death</b>	<b>Case</b>	<b>DSM IV diagnosis</b>	<b>Sex/ Race</b>	<b>Age</b>	<b>PMI<sup>d</sup></b>	<b>Storage Time<sup>e</sup></b>
7	1	592	M/B	41	22.1	159	9.0	6.7	ASCVD	533	Chronic undifferentiated schizophrenia	M/W	40	29.1	169
8	2 <sup>a</sup>	567	F/W	46	15.0	163	8.9	6.7	Mitral Valve prolapse	537	Schizoaffective disorder	F/W	37	14.5	168
9	3 <sup>a</sup>	516	M/B	20	14.0	171	8.4	6.9	Homicide by gun shot	547	Schizoaffective disorder	M/B	27	16.5	167
10	4 <sup>c</sup>	630	M/W	65	21.2	153	9.0	7.0	ASCVD	566	Chronic undifferentiated schizophrenia; AAR	M/W	63	18.3	164
11	4 <sup>a,c</sup>	1322	M/W	62	16.5	37	8.6	6.8	ASCVD	---					
12	5	604	M/W	39	19.3	157	8.6	7.1	Hypoplastic coronary artery	581	Chronic paranoid schizophrenia; ADC; OAC	M/W	46	28.1	161
13	6	546	F/W	37	23.5	167	8.6	6.7	ASCVD	587	Chronic undifferentiated schizophrenia; AAR	F/B	38	17.8	160
14	7	551	M/W	61	16.4	166	8.3	6.6	Cardiac Tamponade	625	Chronic disorganized schizophrenia; AAC	M/B	49	23.5	154
15	8 <sup>a,b</sup>	685	M/W	56	14.5	146	8.1	6.6	Hypoplastic coronary artery	622	Chronic undifferentiated schizophrenia	M/W	58	18.9	154
16	9 <sup>a</sup>	681	M/W	51	11.6	147	8.9	7.2	Hypertrophic cardiomyopathy	640	Chronic paranoid schizophrenia	M/W	49	5.2	152
17	10	806	M/W	57	24.0	125	7.8	6.9	Pulmonary embolism	665	Chronic paranoid schizophrenia; ADC	M/B	59	28.1	149
18	11	822	M/B	28	25.3	123	8.5	7.0	ASCVD	787	Schizoaffective disorder; ODC	M/B	27	19.2	129

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
19	12 <sup>a</sup>	727	M/B	19	7.0	140	9.2	7.2	Trauma	829	Schizoaffective disorder; ADC; OAR	M/W	25	5.0	121
20	13 <sup>a,b</sup>	871	M/W	28	16.5	112	8.5	7.1	Trauma	878	Disorganized schizophrenia; ADC	M/W	33	10.8	111
21	14 <sup>a</sup>	575	F/B	55	11.3	162	9.6	6.8	ASCVD	517	Disorganized schizophrenia; ADC	F/W	48	3.7	170
22	15	700	M/W	42	26.1	144	8.7	7.0	ASCVD	539	Schizoaffective disorder; ADR	M/W	50	40.5	168
23	16	988	M/W	82	22.5	91	8.4	6.2	Trauma	621	Chronic undifferentiated schizophrenia	M/W	83	16.0	154
24	17	686	F/W	52	22.6	146	8.5	7.0	ASCVD	656	Schizoaffective disorder; ADC	F/B	47	20.1	150
25	18	634	M/W	52	16.2	153	8.5	7.0	ASCVD	722	Chronic undifferentiated schizophrenia; ODR; OAR	M/B	45	9.1	140
26	19 <sup>a,b</sup>	852	M/W	54	8.0	115	9.1	6.8	Cardiac tamponade	781	Schizoaffective disorder; ADR	M/B	52	8.0	130
27	20	987	F/W	65	21.5	91	9.1	6.8	ASCVD	802	Schizoaffective disorder; ADC; ODR	F/W	63	29.0	126
28	21	818	F/W	67	24.0	124	8.4	7.1	Anaphylactic reaction	917	Chronic undifferentiated schizophrenia	F/W	71	23.8	104
29	22 <sup>a,b</sup>	857	M/W	48	16.6	114	8.9	6.7	ASCVD	930	Disorganized schizophrenia; ADR; OAR	M/W	47	15.3	100

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
30	<b>Comparison Subjects</b>									<b>Subjects with Schizophrenia</b>					
31	<b>Pair</b>	<b>Case</b>	<b>Sex/ Race</b>	<b>Age</b>	<b>PMI<sup>d</sup></b>	<b>Storage Time<sup>e</sup></b>	<b>RIN</b>	<b>pH</b>	<b>Cause of Death</b>	<b>Case</b>	<b>DSM IV diagnosis</b>	<b>Sex/ Race</b>	<b>Age</b>	<b>PMI<sup>d</sup></b>	<b>Storage Time<sup>e</sup></b>
32	23 <sup>a,b</sup>	739	M/W	40	15.8	139	8.4	6.9	ASCVD	933	Disorganized schizophrenia	M/W	44	8.3	100
33	24 <sup>a</sup>	1047	M/W	43	13.8	84	9.0	6.6	ASCVD	1209	Schizoaffective disorder	M/W	35	9.1	64
34	25	1086	M/W	51	24.2	78	8.1	6.8	ASCVD	10025	Disorganized schizophrenia; OAR	M/B	52	27.1	57
35	26 <sup>a</sup>	1092	F/B	40	16.6	77	8.0	6.8	Mitral Valve Prolapse	1178	Schizoaffective disorder	F/B	37	18.9	69
36	27	10005	M/W	42	23.5	65	7.4	6.7	Trauma	1256	Undifferentiated schizophrenia	M/W	34	27.4	57
37	28	1336	M/W	65	18.4	42	8.0	6.8	Cardiac Tamponade	1173	Disorganized schizophrenia; ADR	M/W	62	22.9	69
38	29 <sup>a</sup>	1122	M/W	55	15.4	74	7.9	6.7	Cardiac Tamponade	1105	Schizoaffective disorder	M/W	53	7.9	76
39	30 <sup>a</sup>	1284	M/W	55	6.4	53	8.7	6.8	ASCVD	1188	Undifferentiated schizophrenia; AAR; OAR	M/W	58	7.7	67
40	31	1191	M/B	59	19.4	66	8.4	6.2	ASCVD	1263	Undifferentiated schizophrenia; ADR	M/W	62	22.7	56
41	32	970	M/W	42	25.9	95	7.2	6.4	ASCVD	1222	Undifferentiated schizophrenia; AAC	M/W	32	30.8	62
42	33	10003	M/W	49	21.2	66	8.4	6.5	Trauma	1088	Undifferentiated schizophrenia; ADC; OAC	M/W	49	21.5	78
43	34	1247	F/W	58	22.7	58	8.4	6.4	ASCVD	1240	Undifferentiated schizophrenia; ADR	F/B	50	22.9	59
44	35	1324	M/W	43	22.3	45	7.3	7	Aortic Dissection	10020	Paranoid schizophrenia; AAC; OAC	M/W	38	28.8	58
45	36 <sup>a</sup>	1099	F/W	24	9.1	76	8.6	6.5	Cardiomyopathy	10023	Disorganized schizophrenia	F/B	25	20.1	57
46	37 <sup>a</sup>	1307	M/B	32	4.8	48	7.6	6.7	ASCVD	10024	Paranoid schizophrenia	M/B	37	6.0	57
47	38 <sup>a</sup>	1391	F/W	51	7.8	34.0	7.1	6.6	ASCVD	1189	Schizoaffective disorder; AAR	F/W	47	14.4	67

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
48	39	1282	F/W	39	24.5	53	7.5	6.8	ASCVD	1211	Schizoaffective disorder	F/W	41	20.1	64
49	40 <sup>a</sup>	1159	M/W	51	16.7	70	7.6	6.5	ASCVD	1296	Undifferentiated schizophrenia	M/W	48	7.8	50
50	41	1326	M/W	58	16.4	44	8.0	6.7	ASCVD	1314	Undifferentiated schizophrenia	M/W	50	11.0	47
51	42	902	M/W	60	23.6	109	7.7	6.7	ASCVD	1361	Schizoaffective disorder; ODC	M/W	63	23.2	39
52			Mean	48.5	17.8	104.2	8.3	6.8					47.0	18.1	106.0
53			SD	13.3	5.9	43.9	0.6	0.2					12.8	8.7	45.6
54															
55															
56	<b>Footnotes</b>														
57															
58	a Pairs utilized in total protein study.														
59	b Pairs utilized in puncta study.														
60	c Subjects 630 and 1322 were used as the comparison subjects in pair 4 for qPCR and Western blotting studies, respectively.														
61	d PMI, postmortem interval (hours).														
62	e Storage time (months) at -80°C.														
63	f First-degree relative with schizophrenia.														
64	Other abbreviations: ASCVD, arteriosclerotic cardiovascular disease; MCA, middle coronary artery; Benzo, benzodiazepines; VPA, valproic acid; ATOD, at time of death; ADC, alcohol dependence, current ATOD; ADR, alcohol dependence, in remission ATOD; AAC, alcohol abuse, current ATOD; AAR, alcohol abuse, in remission ATOD; ODC, other substance dependence, current ATOD; ODR, other substance dependence, in remission ATOD; OAC, other substance abuse, current ATOD; OAR, other substance abuse, in remission ATOD; ISP, Index of Social Position.														
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	P	Q	R	S	T	U	V	W
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5								
6	<b>RIN</b>	<b>pH</b>	<b>Cause of Death</b>	<b>Cannabis History</b>	<b>Nicotine ATOD</b>	<b>Antipsychotic ATOD</b>	<b>Antidepressant ATOD</b>	<b>Benzodiazepine/ VPA ATOD</b>
7	8.4	6.8	Accidental Asphyxiation	None	U	Y	N	N
8	8.6	6.7	Suicide by hanging	None	U	N	N	N
9	7.4	7.0	Heat Stroke	None	U	Y	Y	Y
10	8.0	6.8	ASCVD	None	Y	Y	Y	Y
11								
12	7.9	7.2	Accidental combined drug overdose	Use	U	Y	N	Y
13	9.0	7.0	Myocardial hypertrophy	Use	Y	Y	N	Y
14	7.6	7.3	ASCVD	None	Y	Y	Y	N
15	7.4	6.8	Right MCA infarction	None	U	N	N	N
16	8.4	6.9	Pulmonary embolism	None	U	Y	Y	N
17	9.2	6.9	Intestinal hemorrhage	None	Y	Y	Y	N
18	8.4	6.7	Suicide by gun shot	Dependence	N	Y	N	N

	P	Q	R	S	T	U	V	W
19	9.3	6.8	Suicide by salicylate overdose	Abuse in remission	Y	N	N	Y
20	8.9	6.7	Myocardial fibrosis	Use	Y	Y	Y	Y
21	9.3	6.7	Intracerebral hemorrhage	None	Y	Y	N	N
22	8.1	7.1	Suicide by combined drug overdose	None	U	Y	Y	Y
23	8.7	7.3	Accidental asphyxiation	None	U	N	N	N
24	9.2	7.3	Suicide by gun shot	None	Y	Y	N	N
25	9.2	6.7	Upper GI bleeding	Use	Y	Y	N	N
26	7.7	6.7	Peritonitis	None	Y	Y	Y	N
27	9.2	6.4	Right ventricular dysplasia	None	Y	Y	N	Y
28	7.0	6.8	ASCVD	None	Y	Y	N	N
29	8.2	6.2	ASCVD	Abuse	Y	Y	N	Y

	P	Q	R	S	T	U	V	W
30								
31	<b>RIN</b>	<b>pH</b>	<b>Cause of Death</b>	<b>Cannabis History</b>	<b>Nicotine ATOD</b>	<b>Antipsychotic ATOD</b>	<b>Antidepressant ATOD</b>	<b>Benzodiazepine/VPA ATOD</b>
32	8.1	5.9	Myocarditis	None	N	Y	Y	Y
33	8.7	6.5	Suicide by diphenhydramine overdose	None	N	Y	N	N
34	7.8	6.7	ASCVD	Abuse in remission	Y	N	N	N
35	8.4	6.1	Pulmonary embolism	None	Y	Y	N	Y
36	7.9	6.4	Suicide by hanging	None	N	Y	N	N
37	7.7	6.4	ASCVD	None	Y	Y	N	N
38	8.9	6.2	ASCVD	None	Y	Y	N	N
39	8.4	6.2	ASCVD	Abuse in remission	Y	Y	N	N
40	8.5	7.1	Accidental asphyxiation	Use	Y	Y	Y	N
41	7.5	6.4	Suicide by combined drug overdose	Use	N	Y	Y	N
42	8.1	6.5	Accidental combined drug overdose	Abuse	Y	Y	Y	N
43	7.7	6.3	ASCVD	None	Y	Y	N	N
44	7.4	6.6	Suicide by salicylate overdose	None	Y	Y	Y	Y
45	7.4	6.7	Suicide by drowning	None	N	Y	N	Y
46	7.5	6.1	ASCVD	None	N	N	N	N
47	8.3	6.4	Suicide by combined drug overdose	None	Y	Y	Y	Y





	X	Y	Z	AA	AB	AC	AD
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5	<b>Subjects with Schizophrenia (continued)</b>						
6	Case	DSM IV diagnosis	Family History <sup>f</sup>	Age at Onset of Illness	History of Marriage	Hollingshead Two Factor ISP	Living Independently ATOD
7	533	Chronic undifferentiated schizophrenia	N	25	N	20	N
8	537	Schizoaffective disorder	N	29	Y	20	Y
9	547	Schizoaffective disorder	N	18	N	17	N
10	566	Chronic undifferentiated schizophrenia; AAR	N	43	Y	16	N
11							
12	581	Chronic paranoid schizophrenia; ADC; OAC	Y	16	Y	19	Y
13	587	Chronic undifferentiated schizophrenia; AAR	N	18	N	17	N
14	625	Chronic disorganized schizophrenia; AAC	Y	35	Y	34	N
15	622	Chronic undifferentiated schizophrenia	N	42	N	27	N
16	640	Chronic paranoid schizophrenia	N	21	N	63	N
17	665	Chronic paranoid schizophrenia; ADC	Y	27	N	16	Y
18	787	Schizoaffective disorder; ODC	N	24	N	30	N

	X	Y	Z	AA	AB	AC	AD
19	829	Schizoaffective disorder; ADC; OAR	Y	20	N	22	N
20	878	Disorganized schizophrenia; ADC	N	16	N	57	N
21	517	Disorganized schizophrenia; ADC	N	28	Y	53	N
22	539	Schizoaffective disorder; ADR	N	19	Y	45	Y
23	621	Chronic undifferentiated schizophrenia	Y	28	N	8	N
24	656	Schizoaffective disorder; ADC	Y	17	N	19	Y
25	722	Chronic undifferentiated schizophrenia; ODR; OAR	N	26	N	24	N
26	781	Schizoaffective disorder; ADR	N	37	Y	24	N
27	802	Schizoaffective disorder; ADC; ODR	N	20	N	42	Y
28	917	Chronic undifferentiated schizophrenia	Y	24	Y	19	N
29	930	Disorganized schizophrenia; ADR; OAR	N	19	N	17	N

	X	Y	Z	AA	AB	AC	AD
30	<b>Subjects with Schizophrenia (continued)</b>						
31	<b>Case</b>	<b>DSM IV diagnosis</b>	<b>Family History<sup>f</sup></b>	<b>Age at Onset of Illness</b>	<b>History of Marriage</b>	<b>Hollingshead Two Factor ISP</b>	<b>Living Independently ATOD</b>
32	933	Disorganized schizophrenia	N	22	N	27	N
33	1209	Schizoaffective disorder	N	21	Y	35	Y
34	10025	Disorganized schizophrenia; OAR	N	22	N	27	N
35	1178	Schizoaffective disorder	N	26	N	40	N
36	1256	Undifferentiated schizophrenia	N	28	N	36	N
37	1173	Disorganized schizophrenia; ADR	N	29	Y	16	Y
38	1105	Schizoaffective disorder	N	48	N	24	N
39	1188	Undifferentiated schizophrenia; AAR; OAR	Y	25	N	45	N
40	1263	Undifferentiated schizophrenia; ADR	N	21	N	11	N
41	1222	Undifferentiated schizophrenia; AAC	N	16	N	14	Y
42	1088	Undifferentiated schizophrenia; ADC; OAC	N	25	Y	45	N
43	1240	Undifferentiated schizophrenia; ADR	N	25	N	32	N
44	10020	Paranoid schizophrenia; AAC; OAC	N	18	N	27	N
45	10023	Disorganized schizophrenia	Y	15	N	17	Y
46	10024	Paranoid schizophrenia	N	20	Y	27	N
47	1189	Schizoaffective disorder; AAR	N	43	N	66	Y

	X	Y	Z	AA	AB	AC	AD
48	1211	Schizoaffective disorder	N	29	Y	30	N
49	1296	Undifferentiated schizophrenia	N	13	N	14	N
50	1314	Undifferentiated schizophrenia	N	17	N	19	N
51	1361	Schizoaffective disorder; ODC	N	16	N	17	N
52			9Y/33N		13Y/29N		11Y/31N
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