

Supplementary table 1. ACC absolute metabolites values by Bcl-2 genotype.

Metabolite	genotype	Healthy controls		Bipolar I Disorder	
		Mean	Std. Deviation	Mean	Std. Deviation
Glu	AG	7.74	0.92	7.70	0.91
	GG	7.98	0.77	8.19	0.71
	AA	7.42	1.72	9.29	1.11
	Total	7.82	0.94	8.11	1.01
Myo	AG	5.44	0.74	4.83	0.66
	GG	5.49	0.69	5.21	0.67
	AA	4.70	0.63	4.99	0.75
	Total	5.39	0.73	4.99	0.68
NAA	AG	9.64	0.77	8.70	1.34
	GG	9.76	0.62	9.21	1.15
	AA	9.27	0.38	7.74	1.57
	Total	9.66	0.67	8.74	1.36
Cre	AG	7.55	0.87	6.91	1.27
	GG	7.64	0.62	7.73	1.71
	AA	7.24	0.52	6.67	2.40
	Total	7.56	0.73	7.16	1.64
Cho	AG	1.64	0.21	1.79	1.10
	GG	1.75	0.29	3.00	2.63
	AA	1.49	0.09	2.43	2.87
	Total	1.67	0.25	2.31	2.07
Glx	AG	8.17	1.07	8.46	1.28
	GG	8.38	0.94	8.79	0.87
	AA	7.85	2.14	10.59	1.62
	Total	8.23	1.12	8.90	1.39
Glx/Glu	AG	1.05	0.05	1.10	0.07
	GG	1.05	0.05	1.07	0.05
	AA	1.05	0.05	1.14	0.09
	Total	1.05	0.05	1.09	0.07

caption: Glu= glutamate; Myo= myo-inositol; NAA= N-acetylaspartate;  
 Cre=creatine phosphocreatine; Cho= choline compounds; Glx=  
 glutamate+glutamine. significance level p<0.05