

Supplemental Table 1

	GABRA_rs279858					GRIK1_rs283247				
	N	Total	CC	CT	TT	p-value	AA	AC	CC	p-value
Positive Alcohol Expectancy Questionnaire Subscale										
Global change		43.6 ±3.7	44.2 ±3.6	44.2 ±3.7	42.3±3.7	0.14	42.5 ± 3.4	44.1±3.7	43.2 ±3.8	0.44
Sexual enhancement		10.8 ±1.4	10.1 ±2.0	11.1 ±1.2	10.7±1.4	0.08	10.2 ± 1.9	10.9±1.4	10.7 ±1.5	0.46
Physical and social pleasure		9.6 ±1.4	9.5 ±1.6	9.7 ±1.3	9.5±1.4	0.77	9.0 ±1.1	9.7±1.4	9.6 ±1.5	0.56
Social assertiveness		14.3 ±3.0	14.6 ±3.6	14.3 ±3.1	14.0±2.4	0.8	13.7 ±3.1	14.3±3.0	14.4 ±3.1	0.87
Relaxation and tension reduction		13.2 ±2.7	13.6 ±2.6	13.2 ±3.0	12.9±2.3	0.72	12.2 ±3.1	13.7±2.8	12.7 ±2.5	0.21
Arousal and aggression		6.9 ±0.8	7.0 ±0.9	6.9 ±0.8	6.8±0.9	0.78	6.7 ±0.5	6.9±0.8	7.0 ±0.8	0.53
Negative Alcohol Expectancy Questionnaire Subscale										
Same day		28.0 ±7.5	26.6 ±6.0	28.6 ±7.7	28.0±8.3	0.69	27.5 ±3.6	28.2±7.1	27.9 ±8.7	0.97
Next day		23.7 ±8.5	21.8 ±5.0	23.7 ±7.7	24.8±11.4	0.57	25.5 ±7.7	24.2±9.3	22.5 ±7.5	0.62
Longterm		22.5 ±4.1	21.7 ±2.1	23.1 ±5.4	22.0±1.7	0.48	22.0 ±1.5	22.4±3.7	22.8 ±5.0	0.87
Self-Rating of the Effects of Alcohol (SRE) Total Score		5.0±2.7	5.1±3.1	4.9±2.3	5.0±3.0	0.98	4.8±2.1	4.7±2.4	5.3±3.1	0.55
Short Inventory of Problems - Short Version (SIP2R) Total Score		2.4±3.2	2.5±2.3	2.3±3.8	2.3±2.6	0.97	1.5±1.2	1.8±2.0	3.4±4.4	0.09

SUPPLEMENTARY INFORMATION (Supplemental Table 1)

Baseline drinking patterns including Alcohol Expectancy Questionnaire (AEQ), and AL – Negative Alcohol Expectancy Questionnaire (NAEQ), and Self-Rating of the Effects of Alcohol (SRE) total score. Also included is the degree of alcohol related problems as measured by the Short Inventory of Problems (SIP-2R). There are no differences across genotype groups for the two variants in *GABRA2* and *GRIK1*.