

Table S1. Demographic characteristics by genotype and relapse status.

	Total (n = 70)	Val/Val (n = 17)	Val/Met (n = 27)	Met/Met (n = 26)	Abstainers (n = 18)	Relapsers (n = 52)
	M (SD), range OR n (%)	M (SD), range OR n(%)	M (SD), range OR n(%)	M (SD), range OR n(%)	M (SD), range OR n(%)	M (SD), range OR n(%)
Age	47.99 (15.51), 23.8–91.36	50.82 (15.82), 23.8–76.17	48.58 (16.02), 25.25–73.56	45.55 (15.06), 25.86–91.36	48.03 (17.45), 25.25–91.36	47.98 (15.01), 23.8–76.17
Level of Education	14.01 (2.031), 10–20	13.44 (1.41), 10–16	14.22 (2.38), 12–20	14.17 (1.98), 10–18	14.72 (1.93), 12–20	13.77 (2.02), 10–20
<i>Sex</i>						
Females	17 (24.3%)	3 (17.6%)	6 (22.2%)	8 (30.8%)	7 (36.9%)	10 (19.2%)
Males	53 (75.7%)	14 (82.4%)	21 (77.8%)	18 (69.2%)	11(61.6%)	42 (80.8%)
<i>Race</i>						
American Indian or Alaska Native	3 (.04%)	0 (0%)	1 (3.7%)	2 (7.7%)	2 (11.1%)	1 (1.9%)
Asian	1 (.01%)	0 (0%)	0 (0%)	1 (3.8%)	1 (5.6%)	0 (0%)
Black or African American	8 (11.4%)	1 (5.9%)	3 (11.1%)	4 (15.4%)	4 (22.2%)	4 (7.7%)
Native Hawaiian or Other Pacific Islander	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
White	52 (74.3%)	15 (88.2%)	19 (70.4%)	18 (69.2%)	13 (72.2%)	39 (75.0)
Other	10 (14.3%)	1 (5.9%)	5 (18.5%)	4 (15.4%)	1 (5.6%)	9 (17.3%)
<i>Ethnicity</i>						
Hispanic or Latino	19 (27.1%)	2 (11.8%)	10 (37.0%)	7 (26.9%)	2 (11.1%)	17 (32.7%)
Not Hispanic or Latino	51 (72.9%)	15 (88.2%)	17 (63.0%)	19 (73.1%)	16 (88.9%)	35 (67.3%)
<i>Military Branch</i>						
Navy	13 (18.6%)	3 (17.6%)	5 (18.5%)	5 (19.2%)	3 (16.7%)	10 (19.2%)
Army	36 (51.4%)	11 (64.7%)	14 (51.9%)	11 (42.3%)	7 (38.9%)	29 (55.8%)
Marine Corps	9 (12.9%)	0 (0%)	4 (14.8%)	5 (19.2%)	3 (16.7%)	6 (11.5%)
Air Force	11 (15.7%)	3 (17.6%)	3 (11.1%)	5 (19.2%)	4 (22.2%)	7 (13.5%)
Coast Guard	1 (1.4%)	0 (0%)	1 (3.7%)	0 (0%)	1 (5.6%)	0 (0%)
<i>Smoking Status</i>						
Never	9 (12.9%)	1 (5.9%)	3 (11.1%)	5 (19.2%)	2 (11.1%)	7 (13.5%)
Few times	7 (10%)	2 (11.8%)	3 (11.1%)	2 (7.7%)	0 (0%)	7 (13.5%)
Former	19 (27.1%)	8 (47.1%)	4 (14.8%)	7 (26.9%)	7 (38.9%)	12 (23.1%)
Currently	35 (50%)	6 (35.3%)	17 (63.0%)	12 (46.2%)	9 (50.0%)	26 (50.0%)

Table S2. DSM-5, AUDIT, MASQ, and PCL-5 by genotype and relapse status.

	Total (n = 70) M (SD), Range	Val/Val (n = 17) M (SD), Range	Val/Met (n = 27) M (SD), Range	Met/Met (n = 26) M (SD), Range	Abstainers (n = 19) M (SD), Range	Relapsers (n = 51) M (SD), Range
DSM-5 AUD Symptoms	9.21 (2.46), 0-11	9.41(2.62), 0-11	8.63 (2.54), 3-11	9.69 (2.22), 1-11	9.11 (1.94), 4-11	9.25 (2.66), 0-11
AUDIT Total	26.4 (8.63), 3-40	24.20 (9.81), 7-40	24.52 (8.02), 5-34	29.63 (8.07), 3-40	26.50 (8.34), 11-38	26.36 (8.59), 3-40
MASQ						
Anxious Arousal	23.31 (9.09), 10-50	22.53 (10.23), 10-50	23.85 (8.48), 12-38	23.27 (9.26), 10-47	25.17 (9.50), 10-47	22.75 (9.03), 10-50
Anhedonic Depression	34.31 (7.99), 17-50	36.35 (7.28), 21-47	33.37 (7.94), 17-46	33.96 (8.55), 18-50	34.50 (6.58), 25-46	34.22 (8.57), 17-50
Worry	17.99 (7.07), 10-44	17.18 (7.33), 11-43	18.0 (7.37), 10-44	18.50 (6.82), 10-41	19.0 (6.94), 12-41	17.73 (7.19), 10-44
PCL-5 Total	56.59 (17.89), 20-98	54.29 (21.64), 20-98	56.89 (18.94), 20-90	57.77 (14.37), 29-93	57.22 (22.03), 20-93	56.49 (16.61), 20-98