

**Appendix 1** to Ancelin ML, Norton J, Ritchie K, et al. 11 $\beta$ -Hydroxylase (CYP11B1) gene variants and new-onset depression in later life. *J Psychiatry Neurosci* 2020.

DOI: 10.1503/jpn.190177

Copyright © 2020 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.

*Online appendices are unedited and posted as supplied by the authors.*

**Table S1: Logistic regression analysis for the association between CYP11B1 polymorphisms and prevalent depression in men**

SNP and genotype	Risk of recurrent depression in later life (N=57)				Risk of late-onset depression (N=348)			
	Non-DEP %	DEP* %	OR [95% CI]†	p	Non-DEP %	DEP* %	OR [95% CI]†	p
rs11783855, n	37	17			294	44		
GG	27.03	23.53	-	-	28.57	29.55	-	-
GT	43.24	52.94	1.39 [0.33;5.86]	0.65	44.22	61.36	1.36 [0.66;2.80]	0.40
TT	29.73	23.53	0.89 [0.17;4.75]	0.90	27.21	9.09	0.31 [0.10;0.99]	0.05
rs1134096, n	37	18			295	45		
TT	29.73	16.67	-	-	29.15	26.67	-	-
GT	54.05	66.67	2.18 [0.48;9.88]	0.31	51.86	62.22	1.35 [0.65;2.81]	0.42
GG	16.22	16.67	1.80 [0.25;13.0]	0.56	18.98	11.11	0.68 [0.23;2.06]	0.50
rs7011830, n	35	18			281	44		
CC	28.57	22.22	-	-	31.32	25.00	-	-
AC	54.29	61.11	1.46 [0.35;6.09]	0.60	50.89	65.91	1.66 [0.79;3.51]	0.18
AA	17.14	16.67	1.27 [0.19;8.47]	0.80	17.79	9.09	0.67 [0.20;2.22]	0.51
rs6471580, n	37	19			292	48		
AA	32.43	15.79	-	-	26.37	20.83	-	-
AG	37.84	63.16	3.63 [0.81;16.3]	0.09	51.03	64.58	1.56 [0.72;3.36]	0.26
GG	29.73	21.05	1.63 [0.28;9.68]	0.59	22.60	14.58	0.79 [0.28;2.21]	0.66
rs7016924, n	38	19			297	49		
GG	34.21	26.32	-	-	26.60	24.49	-	-
AG	36.84	52.63	1.87 [0.50;7.02]	0.35	51.52	57.14	1.19 [0.57;2.47]	0.65
AA	28.95	21.05	0.97 [0.19;4.86]	0.97	21.89	18.37	0.87 [0.34;2.21]	0.77

CES-D = Center for Epidemiologic Studies-Depression; CI = confidence interval; OR = odds ratio.

\*Corresponds to current major depression or a CES-D score  $\geq 16$ .

†Adjusted for age (continuous).

*Online appendices are unedited and posted as supplied by the authors.*

SNP and genotype	Non-DEP %	DEP* %	OR [95% CI]†	p
<i>rs11783855, n</i>	291	111		
GG	28.18	27.93	-	-
GT	46.39	43.24	0.96 [0.56;1.64]	0.87
TT	25.43	28.83	1.09 [0.60;1.97]	0.78
<i>rs1134096, n</i>	291	109		
TT	32.65	36.70	-	-
GT	52.92	40.37	0.68 [0.41;1.13]	0.13
GG	14.43	22.94	1.43 [0.76;2.68]	0.27
<i>rs7011830, n</i>	281	108		
CC	32.38	39.81	-	-
AC	54.09	38.89	0.58 [0.35;0.97]	0.04
AA	13.52	21.30	1.32 [0.69;2.52]	0.40
<i>rs6471580, n</i>	287	112		
AA	20.56	30.36	-	-
AG	55.75	39.29	0.45 [0.26;0.78]	0.004
GG	23.69	30.36	0.79 [0.43;1.45]	0.44
<i>rs7016924, n</i>	292	114		
GG	23.63	31.58	-	-
AG	55.14	40.35	0.51 [0.30;0.86]	0.01
AA	21.23	28.07	0.87 [0.48;1.61]	0.67

BMI = body mass index; CES-D = Center for Epidemiologic Studies-Depression; CI = confidence interval; MMSE = Mini-Mental State Examination; OR = odds ratio.  
\*Corresponds to current major depression or a CES-D score  $\geq 16$  or currently using antidepressant or treated with antidepressants (combined prevalence 33.4%). †Adjusted for age, ischemic pathologies, BMI, hypertension, cognitive impairment (MMSE)

*Online appendices are unedited and posted as supplied by the authors.*

**Figure S1:** Linkage disequilibrium structure of the steroid 11 $\beta$ -hydroxylase (CYP11B1) gene region

