

Supplemental table for Evan Charney and William English, “Candidate Genes and Political Behavior,” *American Political Science Review* 106 (1), Feb. 2012.

Sample of candidate gene association studies for specific polymorphic regions on four genes. Data on these specific polymorphic regions for these four genes is often included in data sets that contain information on only a small number of genes (such as the National Longitudinal Study of Adolescent Health).

This table is by no means complete in terms of 1) the phenotypes with which the specific polymorphic regions of these four genes have been associated; and 2) the number of associations (or lack of association) that have been reported for a given phenotype. The absence of a study indicating either an association or no association between a specific polymorphism and a specific phenotype does not mean that one does not exist.

The table also does not indicate for the most part whether the association is limited, e.g., to males, females, adolescents, African Americans, or whether the association is based upon a proposed G x G or G x E interaction.

PHENOTYPE	GENE							
	MAOA		5-HTT		DRD2		DRD4	
	SPECIFIC POLYMORPHIC REGION OF GENE							
	MAOA- μ VNTR		5-HTTLPR		DRD2 Taq1A		DRD4-VNTR; -521 C/T; -141C Ins/Del	
	Association	No Association	Association	No Association	Association	No Association	Association	No Association
Academic achievement in middle and high school					Beaver et al. 2010c		Beaver et al. 2010c	
Accident tendencies among drivers			Wnag et al. 2012					
Action monitoring dysfunction			Holmes et al. 2010					
Adenoma recurrence					Murphy et al. 2009			
Age at first childbirth					MacMurray et al., 2002; Comings, 2000			
Age at first sexual intercourse					Miller et al. 1999	Eisenberg et al. 2007	Kogan et al. (African American youths in “negative communities”	Halpern et al 2007 Miller et al. 1999
Age related changes in glucose metabolism					Murphy et al. 2009		Volkow et al. 2013	

	MAO μ VNTR		5-HTTLPR		DRD2 Taq1A		DRD4 -521 C/T; -141C Ins/Del	
	ASSOCIATION	NO ASSOCIATION	ASSOCIATION	NO ASSOCIATION	ASSOCIATION	NO ASSOCIATION	ASSOCIATION	NO ASSOCIATION
Agreeableness	Urata et al. 2007	de Moor et al. 2010; Garpenstrand et al. 2002	Harro et al. 2009; Jang et al. 2001	de Moor et al. 2010; Umekage et al. 2003	Kazantseva et al. 2011	Hibino et al. 2006; de Moor et al. 2010	Luo et al. 2007	de Moor et al. 2010; Strobel et al. 2003
Aggression among preschool children whose parents have ADHD								Farbiash et al. 2014 (mediated through level of "home chaos")
Alcoholism	Contini et al. 2006; Saito et al. 2002	Ducci et al. 2006; Lu et al. 2002	Pinto et al. 2007; Thompson et al. 2000	Roh et al. 2008	Bhaskar et al. 2010; Hopfer et al. 2005; Madrid et al. 2001; Noble 1998; Blum et al. 1990	Gorwood et al. 2000; Comings 1998; Edenberg et al. 1998; Finckh et al. 1996; Gelernter et al. 1993; Bolos et al. 1990	Du et al. 2010; George et al. 1993	Roman et al. 1999; Sullivan et al. 1998; Chang 1997
Alcohol use and dating violence			Foshee et al. 2014					
Alcohol use and HIV infection					Agudelo et al. 2014			
Alexithymia			Kano et al. 2012		Walter et al. 2011b			
Allostatic load			Brody et al. 2013				Brody et al. 2013	
Alphabetic skills							Kegel and Buss 2013	
Altruism	Mertins et al. 2011; McDermott et al. 2009						Bachner-Melman et al. 2005b	
Alzheimer's disease	Wu et al. 2007; Nishimura et al. 2005	Juhasz et al. 2011	Quaranta et al. 2009; Pritchard et al. 2007; Nishimura et al. 2005; Sweet et al. 2001	Ueki et al. 2007; Micheli et al. 2006; Assal et al. 2001; Sukonicj et al. 2001; Kunugi et al. 2000		Small et al. 1997	Proitsi et al. 2010; Pritchard et al. 2009; Ricketts 1998	
Amyloidotic polyneuropathy			Obayashi et al. 2008					
Anger/ aggression	Eisenberger et al. 2007; Jae-Won et al. 2007	Rosenberg et al. 2006; Zammit et al. 2004	Kim et al. 2009; Malyuchenko et al. 2007; Beitchman et al. 2006	Terracciano et al. 2009; Patkar et al. 2002	Zai et al. 2011	Etter et al. 2009	DiLalla et al. 2009; Schmidt et al. 2002	Munafo et al. 2003
Anorexia nervosa/bulimia	Urwin and Nunn 2005	Root et al. 2011	Matsushita et al. 2004; Fumeron et al. 2001	Root et al. 2011; Lauzurica et al. 2003; Sundaramurthy et al. 2000	Thaler et al. 2012; Nisoli et al. 2007; Bergen et al. 2005	Root et al. 2011	Bachner-Melman et al. 2007	Root et al. 2011; Hinney et al. 1999; Sullivan et al. 1998
Antisocial behavior	Fergusson et al. 2011; Ducci et al. 2008; Kim-Cohen et al. 2006; Widom and Brzustowicz 2006; Caspi et al. 2002	Prichard et al. 2008; Haberstick et al. 2005; Huizinga et al. 2006; Young et al. 2006; Jorm et al. 2000	Douglas et al. 2011; Garcia et al. 2010b; Li and Lee 2010; Lyons-Ruth et al. 2007	Sakai et al. 2007; Hill et al. 2002; Ishiguro et al. 1999	Lu et al. 2010; Beaver et al. 2007b; Ponce et al. 2003	Prichard et al. 2007	Beaver et al. 2007b	Sullivan et al. 1998
Apthous stomatitis			Victoria et al. 2005					
Attachment	Samochowicz et al. 2004b		Caspers et al. 2009; Spangler et al. 2009	Reiner and Spangler 2010	Gillath et al. 2008	Luijk et al. 2011	Reiner and Spangler 2010; Lakatos et al. 2000	Luijk et al. 2011; Bakermans- Kranenburg and van Ijzendoorn 2004

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Attentional bias			Beevers et al. 2012; Fox et al. 2009; Gibb et al. 2009				Pieters et al. 2011; Luscher et al. 2009	
Attentional bias for facial affective expressions	Gong et al. 2013							
Attentional blink					Felten et al. 2013			
Attention Deficit Hyperactivity Disorder	Malmberg et al. 2008; Jun Li et al. 2007; Manor et al. 2002	For-Wey et al. 2006; Lung et al 2006; Ozturk et al. 2006; Lawson et al. 2003	Malmberg et al. 2008; Curran et al. 2005; Faraone et al. 2005; Kent et al. 2002	Bidwell et al. 2011; Grevet et al. 2007; Heiser et al. 2007; Xu et al. 2008; Langley et al. 2003	Paclt et al. 2010; Sery et al. 2006; Comings et al. 1996	Huang et al. 2003	Bidwell et al. 2011; Johnson et al. 2008; LaHoste et al. 1996; Swanson et al. 1998	Cheuk et al. 2006; Eisenberg et al. 2000; Castellanos et al. 1998
Attitudes toward longshot risks	Zhong et al. 2009							
Auditory evoked potential	Yu et al. 2004b		Chen et al. 2002b				Birkas et al. 2006	
Autism	Cohen et al. 2011; Yoo et al. 2009; Davis et al. 2008a; Cohen et al. 2003	Philippe et al. 2002	Brune et al. 2006; Guhathakurta et al. 2006; Yirmiya et al. 2001; Cook et al.1997	Longo et al. 2009; Huang and Santangelo 2008; Koishi et al. 2006;Persico et al. 2000	Comings et al. 1991	Philippe et al. 2002	Reiersen and Todorov 2011	Yirmiya et al. 2001
Avoidant personality disorder			Blom et al. 2102					
Baseline perfusion in amygdala			Canli et al. 2006	Viviani et al. 2010				
Behavior in romantic relationships	Masarik et al. 2014		Masarik et al. 2014		Masarik et al. 2014		Masarik et al. 2014	
Behavioral subphenotypes in dementia			Proitsi et al. 2012			Proitsi et al. 2012		
Binge drinking	Herman et al. 2005		Herman et al. 2005		van der Zwaluw et al. 2011		Vaughn et al. 2009a	
Bipolar disorder	Müller et al.2007; Preisig and Bellivier 2000	Huang et al. 2008; Craddock et al. 1995	Rotondo et al. 2002; Oruc et al. 1997	Alaerts et al. 2009; Ikeda et al. 2006; Hoehle et al. 1998	Wang et al. 2014; Squassina et al. 2011; Perez de Castro et al.1995	Mendlewicz et al. 2004; Bocchetta et al. 1999; Furlong et al.1998	Muglia et al. 2002	Bocchetta et al. 1999
Blood glucose control			Yamakawa et al. 2005					
Blushing			Domschke et al. 2009					
Body mass index	Fuemmeler et al. 2009; Fuemmeler et al. 2008a; Ducci et al. 2006		Lan et al. 2009b; Fuemmeler et al. 2008a		Stice et al. 2010	Hardman et al. 2014; Southon et al. 2003	Leviton et al. 2010; Stice et al. 2010; Guo et al. 2006; Kaplan et al. 2008	
Bone formation during serotonin reuptake inhibitor treatment in older adults			Garfield et al. 2014					
Bone mineral density	Yamada et al. 2008						Yamada et al. 2003 (men)	

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Borderline personality disorder	Ni et al. 2009		Maurex et al. 2010; Tadic et al. 2009	Tadic et al. 2010; Pascual et al. 2008	Nemoda et al. 2010		Nemoda et al. 2010	
Brain activation by colorectal distention			Fukudo et al. 2009					
Brain activation in processing errors			Fallgatter et al. 2004					
Breast cancer			Sangrajrang et al. 2010		Sangrajrang et al. 2010; Comings et al. 2003			
Brooding rumination				Gibb et al. 2012				
Caffeine-induced anxiety					Childs et al. 2008			
Caudate nucleus volume			Bartres-Faz et al. 2002					
Chronic fatigue syndrome	Smith et al. 2006	Smith et al. 2008	Narita et al. 2003	Smith et al. 2008				
Chronic renal insufficiency in type 2 diabetes					Prasad et al. 2008			
Chronic tic disorder							Bos Veneman et al. 2010; Lu et al. 2006	
Choosing between greater reward or lesser punishment			Blair et al. 2008					
Choral singing				Morely et al.				
Cleft lip			Mostowska et al. 2012					
Climacteric symptoms in postmenopausal women			Grochans et al. 2013					
Cognitive empathy					Uzefovsky et al. 2014			
Cognitive outcome after traumatic brain injury					McAllister et al. 2008			
Colorectal cancer					Murphy et al. 2009; Gemignani et al. 2005			
Communication disorders					Stein et al. 2014			
Concatenative (but not analogical) grammar learning					Wong et al. 2013			
Confirmation bias					Doll et al. 2011			

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Conscientiousness	Rosenberg et al. 2006; Tochigi et al. 2006	de Moor et al. 2010; Garpenstrand et al. 2002	Harro et al. 2009	de Moor et al. 2010; Umekage et al. 2003		de Moor et al. 2010; Hibino et al. 2006	Dragan and Oniszczenko 2007	de Moor et al. 2010; Strobel et al. 2003
Context dependent attention for emotion stimuli							Wells et al. 2013	
Contraception use	Daw and Guo 2011		Kogan et al. 2010		Daw & Guo 2011			
Cooperativeness	Mertins et al. 2011	Hakamata et al. 2005	Kumakiri et al. 1999	Umekage et al. 2003	Walter et al. 2011a	Gebhardt et al. 2000	Golimbet et al. 2005	Gebhardt et al. 2000
Corticostriatal activity in response to negative facial stimuli					Lee et al. 2011b			
Creativity			Volf et al. 2009		Reuter et al. 2006		Maysseless et al. 2013	
Creative dance performance			Bachner-Melman et al. 2005a					
Creative potential					Zhang at al. 2014			
Credit card debt	De Neve and Fowler 2010							
Criminal behavior	Schwartz and Beaver 2011; Guo et al. 2008	Huizinga et al. 2006	Vaske et al. 2012; Vaske et al. 2009; Vaughn et al. 2009b; Retz et al. 2004; Liao et al. 2004		Guo et al. 2007	Kasiakogia-Worley et al. 2011	DeLisi et al. 2008	
Crohn's disease					Magro et al. 2006			
Customer (v. sales) orientation							Verbeke et al. 2014	
Daytime sleepiness	Ojeda at al. 2014							
Decision making, memory, and executive function in ecstasy users			Roiser et al. 2006					
Decision making in the ultimatum game			Reuter et al. 2013				Reuter et al. 2013	
Decision making under ambiguity/risk			He et al. 2010				Ha et al. 2009	
Decisions regarding child abuse victims (as presented in a hypothetical story)	Raad and Applebaum 2014							
Deductive reasoning			Stollstorff et al. 2012					

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Dating violence	Forshee et al. 2014							
Defense styles					Comings et al. 1994			
Delay discounting					Eisenberg et al. 2007		Sweitzer et al. 2012	
Delay discounting as a function of childhood socio-economic status							Sweitzer et al. 2013	
Depression	Beach et al. 2010; Dannlowski et al. 2009; Rivera et al. 2009; Brummett et al. 2007a	Lewis et al. 2010; Huang et al. 2009; Jorm et al. 2000	Ogilvie et al. 1996; Caspi et al. 2003	Lencer et al. 2014; Lewis et al. 2010; Power et al. 2010; Risch et al. 2009; Chipman et al. 2007; Surtees et al. 2006; Hoehe et al. 1998	Hayden et al. 2010; Opmeer et al. 2010; Guo and Tillman 2009	Lewis et al. 2010; Furlong et al. 1998; Comings et al. 1991	Guo and Tillman 2009; Manki et al. 1996	Bosker et al. 2011; Lewis et al. 2010; Opmeer et al. 2010
Diabetes, type 2			Iordanidou et al. 2010; Guigas et al. 2014 (women)					
Disgust sensitivity							Kang et al. 2010	
Early onset myocardial infarction			Xia et al. 2009					
Educational continuation beyond secondary school	Thompson 2012				Shanahan et al. 2008; Shanahan et al. 2007			
Effect of adolescent environmental conditions on self-esteem in young adulthood			Jonaissant et al. 2012					
Effects of alcohol consumption on social bonding							Creswell et al. 2012	
Effect of friends on alcohol use					Van der Zwaluw et al. 2012		Van der Zwaluw et al. 2012	
Effect of lead exposure and hemoglobin on intelligence quotient					Roy et al. 2011			
Effect of maternal sensitivity on infant anger proneness	Pickles et al. 2014							
Effect of positive and negative peer experiences on later delinquency							Kretschmer et al. 2014	
Effect of relational peer victimization on depressive symptoms in adolescent girls			Benjet et al. 2010					

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Effortful control in children							Smith et al. 2012	
Electrocortical measures of error and feedback processing in children			Althaus et al. 2009		Althaus et al. 2009			
Efficacy of a preventive intervention to deter rural African American adolescent's substance use							Brody et al. 2014	
Emotion appraisal			Szily et al. 2008					
Emotion induced retrograde amnesia			Strange et al. 2008					
Endogenous pain modulation			Treister et al. 2011					
Endometriosis				Megiorni et al. 2014	Bilibio et al. 2013			
Epilepsy		Stefulj et al. 2010 Haug et al. 2000	Li et al. 2011; Schenkel et al. 2011; Manna et al. 2007	Yang et al. 2013 Stefulj et al. 2010				
Erectile dysfunction					Zhang et al. 2011		Ben Zion et al. 2006	
"Eros"					Emanuele et al. 2007			
Everyday cognitive failure					Markett et al. 2014			
Extrapyramidal symptoms					Hedenmalm et al. 2006			
Extraversion	Tochigi et al. 2006	Urata et al. 2007; de Moor et al. 2010	Kazantseva et al. 2008; Gillihan et al. 2007	de Moor et al. 2010; Umekage et al. 2003	Smillie et al. 2010	de Moor et al. 2010; Hibino et al. 2006	Golimbet et al. 2007; Luo et al. 2007	de Moor et al. 2010; Strobel et al. 2003; Soyka et al. 2002
Facial expression recognition	Zhu et al. 2012				Zhu et al. 2012		Zhu et al. 201	
Fairness/distributive justice attitudes	Mertins et al. 2011						Zhong et al. 2010	
Familiarity bias			Chew et al. 2012					
Fearfulness	Zhang et al. 2009		Gonda et al. 2008; Hariri et al. 2002	Kim et al. 2009	Huertas et al. 2010		Auerbach et al. 2001	Kim et al. 2009
Fibromyalgia	Gürsoy et al. 2008	Su et al. 2007	Offenbacher et al. 2001	Gursoy 2002			Buskila et al. 2004; Dan et al. 2004	

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Fibrosis progression in chronic hepatitis C carriers					Minisini et al. 2013			
Financial decision making	Frydman et al. 2011							
Financial risk taking	Kuhnen and Chiao 2009						Dreber et al. 2009; Kuhnen & Chiao 2009	
Food reinforcement	Carr et al 2013							
Fraudulent behavior	Beaver and Holtfreter 2009							
Frequency of sexual intercourse			Hamer 2002					
Frontotemporal lobar degeneration			Albani et al. 2008					
Gambling (pathological)	Perez de Castro et al. 2002		Perez de Castro et al. 2002	Lim et al. 2011	Lobo et al. 2010	Lim et al. 2011	Comings et al. 2001	Lim et al. 2011
Gambling (performance)							Roussos et al. 2009	Nederhof et al. 2011
Gang membership	Beaver et al. 2010a							
Gastric emptying			Grudell et al. 2008					
Gout	Tu et al. 2010							
Gray matter volume in anterior cingulate cortex					Montag et al. 2010b			
Happiness (in women)	Chen et al. 2013							
Harm avoidance	Yu et al. 2005b	Kim et al. 2006b; Hakamata et al. 2005	Kazantseva et al. 2008; Suzuki et al. 2008; Szekely et al. 2004	Joo et al. 2007 Gelernter et al. 1998; Ebstein et al. 1997	Montag et al. 2010a		Szekely et al. 2004	Kim et al. 2006a; Gebhardt et al. 2000
Heart rate variability			Agorastos et al. 2014					
Height					Miyake et al. 1999; Comings et al.1993	Eisenberg et al. 2008; Lango Allen et al. 2010		
Heroin use		Chien et al. 2010; Gerra et al 2004	Szylagyi et al. 2005; Gerra et al. 2004	Li et al. 2002	Perez de los Cobos et al. 2007	Shao et al. 2005	Chien et al. 2010	Li et al. 2000
"Homophily"					Fowler et al. 2011			

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Hyperkinetic conduct disorder							Seeger et al. 2004	
Hyperprolactinemia			Reist et al. 2001 Whale et al. 2000		Lopez-Rodriguez et al. 2011; Hansen et al. 2005; Filopanti et al. 2010; Filopanti et al. 2008; Carlage et al. 2009			
Hypertension	Vadapalli et al. 2010		Shivani et al. 2011; Willers et al. 2006; Vachharajani and Saunders 2005	Baloira et al. 2012; Machado et al. 2006	Fang et al. 2005; Rosmond et al. 2001; Thomas et al. 2000		Sen et al. 2005	
Idiopathic intellectual disability							Bhowmik et al. 2011	
Impact of parental problems on unresolved loss or trauma							Bakermans-Kranenberg et al. 2011	
Independent v. interdependent social orientations							Kitayama et al. 2014	
Individualism v. collectivism (attitudes toward)	Way and Lieberman 2010		Way and Lieberman 2010					
Infidelity							Garcia et al. 2010a	
Inflammation and fibrosis in renal proximal tubule cells					Jiang et al. 2014			
Inhibitory control							Smith et al. 2013	
Insomnia	Brummett et al. 2007a; Craig et al. 2006		Deuschle et al. 2010; Brummett et al. 2007b					
Intelligence	Quian et al. 2010; Yu et al. 2005a	Barnett et al. 2011; Hong et al. 2011; Need et al. 2009a; Butcher et al. 2008	Fiedorowicz et al. 2007	Barnett et al. 2011; Butcher et al. 2008	Kordas et al. 2011; Beaver et al. 2010b; Tsai et al. 2002; Berman and Noble 1995	Hong et al. 2011; Butcher et al. 2008; Moises et al. 2001; Ball et al. 1998; Petrill et al. 1997	Szekely et al. 2011; Kebir et al. 2009; Loo et al. 2008	Need et al. 2009a; Butcher et al. 2008
Internalizing and externalizing in 7 year olds							Schmidt et al. 2007	
Interpersonal sensitivity			Fiedorowicz et al. 2007					
Interpretive bias			Fox and Standage 2012					
Intimate partner violence	Stuart et al. 2014		Stuart et al. 2014					
Involvement in one night stand							Garcia et al. 2010	

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Irritable bowel syndrome			Sikander et al. 2009; Camilleri et al. 2008; Park et al. 2006; Yeo et al. 2004; Colucci et al. 2013	Villani et al. 2009; Van Kerkhoven et al. 2007; Saito et al. 2007; Yimaz et al. 2005		Saito et al. 2010		
Job satisfaction			Song et al. 2011				Song et al. 2011	
Job stress			Katsuyama et al. 2009					
Learning from errors					Klein et al. 2007			
Leukocyte telomere length			Li et al. 2014					
Loneliness (in adolescence)			van Roekel et al. 2010		van Roekel et al. 2011			
Longevity			Gondo et al. 2005	Stressman et al. 2004			Grady et al. 2013	Stressman et al. 2004
Loss aversion (among anxious adolescents)			Ernst et al. 2014					
Marijuana use							Vaske et al. 2013	
Marriage (desire for)					Eisenberg et al. 2007			
Maternal sensitivity			Mileva-Seitz et al. 2012					
Melanoma among indoor tanners					Flores et al. 2013			
Memory	Barnett et al. 2011; Enge et al. 2011; Cerasa et al. 2008		Enge et al. 2011; O'Hara et al. 2007		Market et al. 2009; Stelzel et al. 2009; Gosso et al. 2008		Wilkosc et al. 2010	
Medication overuse headache					Onaya et al. 2012			
Migraines	Gentiel et al. 2010; Filic et al. 2005	Johnson and Griffiths 2005	Liu et al. 2011 Bayerer et al. 2010; Del Zompo et al. 1998; Liu et al. 2011; Marziniak et al. 2005	Schurks et al. 2010; Wieser et al. 2010; Karwautz et al. 2007	Peroutka et al. 1997	Todt et al. 2009; Rebaudengo et al. 2004	de Sousa et al. 2007; Mochi et al. 2002	Del Zompo et al. 1998
Mental fatigue					Malyuchenko et al. 2010			
Mental retardation							Zhang et al. 2012	
Motor and cognitive function in first episode psychosis					Lencer et al. 2014			
Motor performance and motor learning (female)					Noohi et al. 2014			

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Myocardial infarction			Nakatani et al. 2005; Coto et al. 2003					
Narcolepsy	Koch et al. 1999	Shimada et al. 2010; Dauvilliers et al. 2001			Wieczorek et al. 2004	Shimada et al. 2010		
Negative arousal							Beach et al. 2012	
Neural processing of social rejection	Sebastian et al. 2010							
Neurodermatitis			Kirtak et al. 2008					
Neuroleptic malignant syndrome					Mihara et al. 2003; Suzuki et al. 2001	Kishida et al. 2003	Hwu et al. 1998	
Neuroticism	Tochigi et al. 2006; Eley et al. 2003	de Moor et al. 2010; Urata et al. 2007; Jorm et al. 2000	Gonda et al. 2009; Harro et al. 2009; Jang et al. 2001	Gelernter et al. 1998; Terracciano et al. 2009; Lang et al. 2004; de Moor et al. 2010	Kazantseva et al. 2011	de Moor et al. 2010; Urata et al. 2007; Hibino et al. 2006	Dragan and Oniszczenko 2007	de Moor et al. 2010; Strobel et al. 2003
Neuroticism in persons who stutter					Montag et al. 2012			
Nocturnal enuresis							Dai et al. 2008	
Non small cell lung cancer					Campa et al. 2007		Campa et al. 2007	
Novelty seeking	Shiraishi et al. 2006	Kim et al. 2006b; Hakamata et al. 2005	Suzuki et al. 2008	Szekely et al. 2004; Gelernter et al. 1998; Ebstein et al. 1997	Nyman et al. 2009; Berman et al. 2002; Noble et al. 1998	Burt et al. 2002; Gebhardt et al. 2000; de Brettes et al. 1998	Strobel et al. 1999; Tomitaka et al. 1999; Noble et al. 1998	Nederhof et al. 2011; Burt et al. 2002; Sullivan et al. 1998; Soyka et al. 2002; Hinney et al. 1999
Number of sexual partners			Halpern et al. 2007		Halpern et al. 2007		Hamer 2002 (male);	Halpern et al. 2007; Garcia et al. 2010a; Hamer 2002 (female);
Obesity	Fuemmeler et al. 2009; Fuemmeler et al. 2008b; Need et al. 2006	Liu et al. 2008; Herbert 2006	Lan et al. 2009b; Fuemmeler et al. 2008b; Sookoian et al. 2008	Liu et al. 2008; Mergen et al. 2007; Herbert 2006	Carpenter et al. 2013; Cehn at al. 2011; Fang et al. 2005; Comings et al. 1993	Col Araz et al. 2013 Liu et al. 2008; Herbert 2006; Southon et al. 2003	Fuemmeler et al. 2008a	Liu et al. 2008; Herbert 2006
Obsessive compulsive disorder	Karayorgou et al. 1999	Hemmings et al. 2003	Bloch et al. 2008; Lin 2007; Perez et al. 2006; Frisch et al. 2000	Chabane et al. 2004	Denys et al. 2006	Hemmings et al. 2003; Novelli et al. 1994	Walitz et al. 2008; Nicolini et al. 1997	Hemmings et al. 2003
Openness to experience	Samochowicz et al. 2004b	de Moor et al. 2010; Urata et al. 2007; Garpenstrand et al. 2002	Harro et al. 2009	de Moor et al. 2010; Umekage et al. 2003	Pecina et al. 2013	de Moor et al. 2010; Urata et al. 2007; Hibino et al. 2006	Deyoung et al. 2011	de Moor et al. 2010; Strobel et al. 2003
Opioid addiction					Clark et al. 2014			
Optimism			Fox et al. 2009					

MAO μ VNTR		5-HTTLPR		DRD2 Taq1A		DRD4 -521 C/T; -141C Ins/Del	
ASSOCIATION	NO ASSOCIATION	ASSOCIATION	NO ASSOCIATION	ASSOCIATION	NO ASSOCIATION	ASSOCIATION	NO ASSOCIATION

Oral lichen planus			Perdigao et al. 2007					
Orienting bias					Zozulinsky et al. 2014			
Osteoporosis			Ferreira et al. 2011					
P-300 potential (EEG response to stimuli)					Berman et al. 2006; Noble et al. 1994	Chen et al. 2002a	Vogel et al. 2006	
Pain perception	Mittal et al. 2006	Treister et al. 2011	Palit et al. 2011; Treister et al. 2011	Potvin et al. 2010			Ho et al. 2008	Treister et al. 2011
Panic disorder	Maron et al. 2005	Maron et al. 2008; Hamilton et al. 2000a	Lonsdorf et al. 2009	Strug et al. 2010; Wachleski et al. 2008; Hamilton et al. 1999	Kucharska- Mazur et al. 2010		Benjamin et al. 1997	Hamilton et al. 2000b
Parenting			Mileva-Seitz et al. 2011		Beaver and Belsky 2011		Beaver and Belsky 2011	
Parkinson's disease	Sun et al. 2014; Wu et al. 2007; Hishimura et al. 2005; Parsian et al. 2004	Williams-Gray et al. 2009; Nanko et al. 1996	Albani et al. 2009; Kiferle et al. 2007	Kiyohara et al. 2011	Kumudini et al. 2013 McGuire et al. 2011; Greve et al. 2000	Kiyohara et al. 2011; Higuchi et al. 1995; Nanko et al. 1994; Comings et al. 1991	Juyal et al. 2006; Ricketts et al. 1998	Kiyohara et al. 2011; Wan et al. 1999; Higuchi et al. 1995; Nanko et al. 1994
Partisanship					Dawes and Fowler 2009			
Persistence	Tsuchimine et al. 2008	Hakamata et al. 2005	Szekely et al. 2004	Comings et al. 2000	Nyman et al. 2009	Gebhardt et al. 2000	Szekely et al. 2004	Gebhardt et al. 2000
Periodontal disease			Costa et al. 2008					
Physical activity					Simonen et al. 2003			
Platelet serotonin concentration			Greenberg et al. 1999	Pivac et al. 2009				
Political ideology (liberal)							Settle et al. 2010	
Polydipsia					Matsumoto et al. 2005			
Postoperative nausea and vomiting					Nakagawa et al. 2008			
Postpartum depression	Comasco et al. 2011; Doornbos et al. 2009		Doornbos et al. 2009; Sanjuan et al. 2008					
Post traumatic stress disorder			Koenen et al. 2009; Xie et al. 2009; Lee et al. 2005a	Mellman et al. 2009	Lawford et al. 2006; Young et al. 2002; Comings et al. 1991	Choi et al. 2011; Gelernter et al. 1999	Dragan and Oniszczenko 2009	
Preadoption adversity	Li et al. 2014							

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Pre-eclampsia							Korobochka et al. 2006	
Preference of concentrations of sucrose solutions in men with alcohol dependence					Jablonski et al. 2014			
Premature ejaculation			Luo et al. 2011; Janssen et al. 2009; Ozbek et al. 2009				Ben Zion et al. 2006	
Premenstrual dysphoria disorder		Magnay et al. 2010	Gingnell et al. 2010	Magnay et al. 2010				
Preparation and response control in ADHD							Albrecht et al 2014	
Preschoolers' understanding that human action is caused by internal mental states							Lackner et al. 2012	
Pro-inflammatory bias			Fredericks et al. 2010					
Prolactin response to bromperidol					Mihara et al. 2001			
Prosocial behavior							Sasaki et al. 2012	
Psoriasis			Ronpirin and Tencomnao 2010	Mossner et al. 2009				
Pulmonary artery pressure in heart failure			Olson et al. 2007					
Pulmonary hypertension in chronic obstructive pulmonary disease			Ulasli et al. 2013					
Reaction time performance							Szekely et al. 2011	
Resiliency to stress			O'Hara et al. 2012					
Resiliency to victimization			Beaver et al. 2011		Beaver et al. 2011			
Response control							Heinzel et al. 2013	
Response inhibition						Gurvitch and Rossell 2014		
Response to exposure therapy for agoraphobia			Knuts et al. 2014					

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Responses to gains/losses							Marco-Pallares et al. 2009	
Response to prochlorperazine in oxycodone-treated cancer patients (female)					Tashiro et al. 2014			
Response to psychological therapy			Eley et al. 2012	Bockting et al. 2013				
Response to sertraline treatment at 4 and 12 weeks in posttraumatic stress disorder			Mushtag et al. 2012					
Restless legs syndrome	Desautels 2002	Winkelmann et al. 2007						
Reversal learning			den Ouden et al. 2013		Jocham et al. 2009			
Reward dependence	Shiraishi et al. 2006; Samochowiec et al. 2004b	Kim et al. 2006b; Hakamata et al. 2005	Samochowiec et al. 2004b	Gelernter et al. 1998; Ebstein et al. 1997	Lee et al. 2007; Noble et al. 1998	Hibino et al. 2006; de Brettes et al. 1998	Noble et al. 1998; Ebstein et al. 1997b	Kim et al. 2006a; Gebhardt et al. 2000
Reward deficiency syndrome			Nicolova et al. 2012		Blum et al. 2002			
Sales orientation (v. customer orientation)							Bagozzi et al. 2011	
Schizophrenia	Sun et al. 2012; Qiu et al. 2009; Jönsson et al. 2003	Li and He 2008; Fan et al. 2004; Norton et al. 2002; Denson et al. 2014	Vijayan et al. 2009; Tsai et al. 2000	Ikeda et al. 2006; Serretti et al. 1999	Glatt et al. 2009; Arinami et al. 1997; Dollfus et al. 1996	Need et al. 2009b; Grassi et al. 1996; Campion et al. 1994	Lee et al. 2011a	Dollfus et al. 1996; Campion et al. 1994; Macciardi et al. 1994; Barr et al. 1993
“Schizophrenia-like” prefrontal hypoactivity					Vercammen et al. 2014			
Seasonal affective disorder			Thierry et al. 2004; Praschak-Rieder et al. 2002; Rosenthal et al. 1999	Johansson et al. 2001				
Self esteem			Jonassaint et al. 2008	Serretti et al. 1998				Serretti et al. 1998
Self regulation abilities in prekindergarten							Berry et al. 2014	
Sensation seeking in skiers								Thomson et al. 2014
Sensitivity to peer behaviors (smoking and alcohol use) among adolescents			Daw et al. 2013					

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Sexual frequency			Hammer 2002				Ben Zion et al. 2006	
Sexual novelty			Hammer 2002					
Shooting and stabbing behaviors (African American males)	Beaver et al. 2014							
Shyness		Arbelle et al. 2003	Arbelle et al. 2003	Schmidt et al. 2002				Arbelle et al. 2003
Skiing and snowboarding behavior							Thomson et al. 2013	
Sleep apnea			Yue et al. 2008; Yilmaz et al. 2005					
Smoking	McClermon et al. 2008; Jin et al. 2006	Shiels et al. 2008; Tochigi 2007; Huang et al. 2005	Nilsson et al. 2009; Skowronek et al. 2006; Gerra et al. 2005; Munafo et al. 2004; Ishikawa et al. 1999	Rasmussen et al. 2009; O'Gara et al. 2008; Sieminska et al. 2008; Trummer et al. 2006	Zuo et al. 2009; Radwan et al. 2007; Freire et al. 2006; Munafo et al. 2004	Huang et al. 2005; Johnstone et al. 2004; Bierut et al. 2000; Singleton et al. 1998	Laucht et al. 2008; McClermon et al. 2008; Skowronek et al. 2006; Shields et al. 1998	Huang et al. 2005
Smoking abstinence in response to bupropion use							Leventhal et al. 2012	Bergen et al. 2014
Smoking differences in patients with schizophrenia but not bipolar disorder					Hirasawa et al. 2014			
Social learning of fear and economic decision making			Crisan et al. 2012					
Social phobia	Samochowiec et al. 2004a		Furmark et al. 2004		Sipila et al. 2010	Kennedy et al. 2001		Kennedy et al. 2001
Spatial ability (in males)	Mueller et al. 2014							
Spontaneous food intake in pre-school children							Silveira et al. 2014	
Startle response			Minnix et al. 2011; Brocke et al. 2006; Hensch et al. 2006	Pauli et al. 2010			Pauli et al. 2010	Nederhof et al. 2011
Storage capacity of visual working memory			Anderson et al. 2012					

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Stress response	Brummett et al. 2008; Jabbi et al. 2007		Armbruster et al. 2009; Jabbi et al. 2007		Lee et al. 2011b		Armbruster et al. 2009	
Stuttering					Lan et al. 2009a; Pan et al. 2009; Comings et al. 1996			
Success by professional Wall Street traders							Sapra et al. 2012	
Success during embryo implantation and maintenance of pregnancy			Palomares et al. 2013					
Sudden infant death syndrome	Courts et al. 2013; Filonzi et al. 2009; Klintschar and Heimbold 2012	Klintschar and Heimbold 2010; Nonnis et al. 2008; Opdal et al. 2014	Filonzi et al. 2009; Opdal et al. 2008; Weese-Mayer et al. 2003	Paterson et al. 2010; Haas et al. 2009; Opdal et al. 2014				
Sugar consumption					Eny et al. 2009			
Suicide	Lung et al. 2009; Du et al. 2002; Ho 2000	Hung 2011; Linkowska et al. 2010; De Luca et al. 2005; Ono 2002	Segal et al. 2006; Bellivier et al. 2000; Courtet et al. 2001	Linkowska et al. 2010; Helbecque et al. 2006; Mendlewicz et al. 2004	Suda et al. 2009			Persson et al. 1999
Susceptibility to early literacy instruction through computer games							Kegel et al. 2011	
Sustained attention			Bosia et al. 2010		Kollins et al. 2008; Rodriguez- Jimenez et al. 2008		Johnson et al. 2008	
Systolic blood pressure in children with sickle cell disease					Bhatnagar et al. 2013			
Tardive dyskinesia		Matsumoto et al. 2004	Hsieh et al. 2011		Zai et al. 2007; Chen et al. 1997		Lattuada et al. 2004	Segman et al. 2003
Telomeric length	Lung et al. 2005							
Temperomandibular disorder	Mutlu et al. 2005		Herken et al. 2001				Aneiros-Guerrero et al. 2011	
Test anxiety	Liu and Lu 2013							
Tinnitus (limbic and autonomic symptoms)			Deniz et al. 2010					
Time perception	Sysoeva et al. 2010		Sysoeva et al. 2010					

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Topography of inhibitory motor control			Falgatter et al. 1999					
Tourette syndrome	Diaz-Anzaldúa et al. 2004; Gade et al. 1998	Liu et al. 2014		Cavallini et al. 2000; Brett et al. 1995	Hertzberg et al. 2010; Lee et al. 2005b; Comings et al. 1996		Diaz-Anzaldúa et al. 2004; Cruz et al. 1997	Tarnok et al. 2007; Barr et al. 1996; Brett et al. 1995
Utilitarian moral judgments			Marsh et al. 2011					
Vagal reactivity					Propper et al. 2008			
Verbal fluency in ecstasy users			Fagundo et al. 2010					
Victimization					Beaver et al. 2007a		Daigle 2010	
Victimization (sensitivity to)				Gottfredson et al. 2014		Gottfredson et al. 2014		
Voting behavior	Fowler and Dawes 2008	Charney & English 2012	Fowler and Dawes 2008	Charney & English 2012				
“Warrior” behavior	Hall et al. 2006							
Weight reduction and weight maintenance	Wallmeier et al. 2013		Wallmeier et al. 2013					
Well-being			De Neve 2011					
Wilson disease (clinical course)					Litwin et al. 2013			

