Supplementary Online Content


eFigure. Plots of Association Between Single Single-Nucleotide Polymorphisms and Bipolar Disorder

eTable 1. List of 124 Candidate Genes
eTable 2. Summary of SNP Data Cleaning
eTable 3. Gene-Based Test for Association With Bipolar Disorder
eTable 4. Single-SNP Association Results
eTable 5. Gene-Based Test for Association With Psychosis Phenotype
**eFigure.** Plots of association between single single-nucleotide polymorphisms (SNPs) and bipolar disorder, by physical position. A, Single SNP odds ratios (ORs) for transmission disequilibrium test (TDT). B, Transmission disequilibrium tests for single SNPs.
### eTable 1. List of 124 Candidate Genes

<table>
<thead>
<tr>
<th>Gene ID</th>
<th>Name</th>
<th>Hypothesis</th>
<th>Location</th>
<th>Size With Flanking Regions, kb</th>
<th>SNPs Genotyped</th>
<th>HapMap SNPs Passed&lt;sup&gt;b&lt;/sup&gt;</th>
<th>Total HapMap SNPs</th>
<th>Mean $r^2$&lt;sup&gt;c&lt;/sup&gt;</th>
<th>Proportion of HapMap SNPs Captured With $r^2 &gt; 0.8$&lt;sup&gt;d&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADCYAP1</td>
<td>Adenylate cyclase activating polypeptide 1 (pituitary)</td>
<td>Expression or other mechanism</td>
<td>chr18:897521-910879</td>
<td>15.7</td>
<td>6</td>
<td>4</td>
<td>2</td>
<td>12</td>
<td>0.55</td>
</tr>
<tr>
<td>ADRA1B</td>
<td>Adrenergic, α 1B-, receptor</td>
<td>Expression or other mechanism</td>
<td>chr5:159268430-159333089</td>
<td>70.8</td>
<td>11</td>
<td>9</td>
<td>9</td>
<td>43</td>
<td>0.75</td>
</tr>
<tr>
<td>AKT1</td>
<td>V-akt murine thymoma viral oncogene homologue 1</td>
<td>GSK3B/Wnt</td>
<td>chr14:104304140-104339273</td>
<td>38.9</td>
<td>7</td>
<td>5</td>
<td>4</td>
<td>12</td>
<td>0.93</td>
</tr>
<tr>
<td>APAF1</td>
<td>Apoptotic peptidase activating factor</td>
<td>GSK3B/Wnt</td>
<td>chr12:97531767-97634580</td>
<td>105.1</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>49</td>
<td>0.95</td>
</tr>
<tr>
<td>ARVCF</td>
<td>Armadillo repeat gene deletes in velocardiofacial syndrome</td>
<td>GSK3B/Wnt</td>
<td>chr22:18322891-18398285</td>
<td>76.9</td>
<td>31</td>
<td>21</td>
<td>19</td>
<td>79</td>
<td>0.88</td>
</tr>
<tr>
<td>ATF3</td>
<td>Activating transcription factor 3</td>
<td>GSK3B/Wnt</td>
<td>chr1:209160748-209187372</td>
<td>27.0</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>28</td>
<td>0.71</td>
</tr>
<tr>
<td>AXIN1</td>
<td>Axin 1</td>
<td>GSK3B/Wnt</td>
<td>chr16:273147-349416</td>
<td>80.0</td>
<td>15</td>
<td>11</td>
<td>11</td>
<td>45</td>
<td>0.80</td>
</tr>
<tr>
<td>BAD</td>
<td>BCL2-antagonist of cell death</td>
<td>GSK3B/Wnt</td>
<td>chr11:63790131-63813658</td>
<td>29.6</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>7</td>
<td>0.89</td>
</tr>
<tr>
<td>BAG1</td>
<td>BCL2-associated athanogene</td>
<td>GSK3B/Wnt</td>
<td>chr9:33243605-33262424</td>
<td>24.7</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>11</td>
<td>1.00</td>
</tr>
<tr>
<td>BAX</td>
<td>BCL2-associated X protein</td>
<td>GSK3B/Wnt</td>
<td>chr19:54141014-54160899</td>
<td>21.9</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>13</td>
<td>0.78</td>
</tr>
<tr>
<td>BCR</td>
<td>Break point cluster region</td>
<td>GSK3B/Wnt</td>
<td>chr22:21837312-21986644</td>
<td>150.4</td>
<td>18</td>
<td>17</td>
<td>17</td>
<td>109</td>
<td>0.89</td>
</tr>
<tr>
<td>BDNF</td>
<td>Brain-derived neurotrophic factor</td>
<td>GSK3B/Wnt</td>
<td>chr11:27628828-27709339</td>
<td>81.8</td>
<td>13</td>
<td>11</td>
<td>11</td>
<td>37</td>
<td>0.95</td>
</tr>
<tr>
<td>Gene</td>
<td>Function/Expression</td>
<td>Chromosome</td>
<td>Position</td>
<td>Start</td>
<td>End</td>
<td>% Variance</td>
<td>p-Value</td>
<td>q-Value</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>---------------------</td>
<td>------------</td>
<td>----------</td>
<td>-------</td>
<td>-----</td>
<td>------------</td>
<td>---------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>C6orf74</td>
<td>HD domain containing-2</td>
<td>chr6:125633787-125674730</td>
<td>41.6</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>47</td>
<td>0.96</td>
<td>0.96</td>
</tr>
<tr>
<td>CAMKK2</td>
<td>Calcium/calmodulin-dependent protein kinase kinase 2, β</td>
<td>chr12:120133446-120206278</td>
<td>75.6</td>
<td>6</td>
<td>6</td>
<td>5</td>
<td>36</td>
<td>0.45</td>
<td>0.42</td>
</tr>
<tr>
<td>CBFB</td>
<td>Core-binding factor, β subunit</td>
<td>chr16:65631053-65695203</td>
<td>84.5</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>11</td>
<td>0.47</td>
<td>0.09</td>
</tr>
<tr>
<td>CCK</td>
<td>Cholecystokinin</td>
<td>chr3:42270143-42289659</td>
<td>21.1</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>23</td>
<td>0.68</td>
<td>0.65</td>
</tr>
<tr>
<td>CDK5R1</td>
<td>Cyclin-dependent kinase 5, regulatory subunit 1 (p35)</td>
<td>chr17:27829908-27847120</td>
<td>19.2</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>8</td>
<td>0.76</td>
<td>0.62</td>
</tr>
<tr>
<td>CENTG1</td>
<td>Centaurin, gamma 1</td>
<td>chr12:56401538-56431423</td>
<td>32.0</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>8</td>
<td>0.88</td>
<td>0.75</td>
</tr>
<tr>
<td>CGI-72</td>
<td>PHD finger protein 20-like 1</td>
<td>chr8:133868101-133911410</td>
<td>45.5</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>38</td>
<td>0.92</td>
<td>0.92</td>
</tr>
<tr>
<td>CITED2</td>
<td>Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2</td>
<td>chr6:139732764-139740915</td>
<td>17.4</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>0.96</td>
<td>1.00</td>
</tr>
<tr>
<td>CLDN11</td>
<td>Claudin 11 (oligodendrocyte transmembrane protein)</td>
<td>chr3:171611452-171635885</td>
<td>30.2</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>17</td>
<td>0.88</td>
<td>0.82</td>
</tr>
<tr>
<td>COMT</td>
<td>Catechol-O-methyltransferase</td>
<td>chr22:18322891-18398285</td>
<td>42.2</td>
<td>31</td>
<td>21</td>
<td>19</td>
<td>79</td>
<td>0.88</td>
<td>0.86</td>
</tr>
<tr>
<td>CREB1</td>
<td>cAMP responsive element binding protein 1</td>
<td>chr2:208211530-208293503</td>
<td>83.8</td>
<td>7</td>
<td>4</td>
<td>4</td>
<td>26</td>
<td>0.90</td>
<td>0.88</td>
</tr>
<tr>
<td>CREBBP</td>
<td>CREB protein (Rubinstein-Taybi syndrome)</td>
<td>chr16:3715170-3864938</td>
<td>169.1</td>
<td>14</td>
<td>10</td>
<td>10</td>
<td>23</td>
<td>0.86</td>
<td>0.83</td>
</tr>
<tr>
<td>CREM</td>
<td>cAMP-responsive element modulator</td>
<td>chr10:35446632-35545536</td>
<td>101.1</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>47</td>
<td>0.99</td>
<td>1.00</td>
</tr>
<tr>
<td>CTNNB1</td>
<td>Catenin</td>
<td>chr3:41206788-</td>
<td>55.9</td>
<td>6</td>
<td>3</td>
<td>3</td>
<td>30</td>
<td>0.90</td>
<td>0.93</td>
</tr>
<tr>
<td>Gene</td>
<td>Description</td>
<td>Chromosome</td>
<td>Genomic Coordinates</td>
<td>Expression</td>
<td>Effect Size</td>
<td>p-Value</td>
<td>FDR-Adjusted p-Value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
<td>------------</td>
<td>---------------------</td>
<td>------------</td>
<td>-------------</td>
<td>--------------</td>
<td>----------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CADH1</td>
<td>Cadherin-associated protein, β1, 88 kDa</td>
<td>chr12</td>
<td>109943993-110187905</td>
<td>261.2</td>
<td>15</td>
<td>0.90</td>
<td>0.83</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISC1</td>
<td>Disrupted-in-schizophrenia 1</td>
<td>chr1</td>
<td>228073965-228483722</td>
<td>414.5</td>
<td>58</td>
<td>0.84</td>
<td>0.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DNAJC5</td>
<td>DNAJ (Hsp40) homologue, subfamily C, member 5</td>
<td>chr20</td>
<td>61987645-62040238</td>
<td>53.9</td>
<td>13</td>
<td>0.83</td>
<td>0.69</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DNMT1</td>
<td>DNA (cytosine-5')-methyltransferase 1</td>
<td>chr19</td>
<td>10103237-10171392</td>
<td>76.8</td>
<td>3</td>
<td>0.86</td>
<td>0.95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DTSB1</td>
<td>Dystrobrevin-binding protein 1</td>
<td>chr6</td>
<td>15626511-15780272</td>
<td>155.2</td>
<td>22</td>
<td>0.91</td>
<td>0.87</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DVL2</td>
<td>Disheveled, dsh homologue 2 (Drosophila)</td>
<td>chr7</td>
<td>7070698-7086705</td>
<td>24.2</td>
<td>8</td>
<td>1.00</td>
<td>1.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DVL3</td>
<td>Disheveled, dsh homologue 3 (Drosophila)</td>
<td>chr3</td>
<td>185346515-185376221</td>
<td>33.0</td>
<td>5</td>
<td>0.97</td>
<td>1.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EGF</td>
<td>Epidermal growth factor (beta-urogastrone)</td>
<td>chr4</td>
<td>11181719-111295119</td>
<td>114.4</td>
<td>12</td>
<td>0.92</td>
<td>0.92</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FABP7</td>
<td>Fatty acid binding protein 7, brain</td>
<td>chr6</td>
<td>123132468-123151122</td>
<td>19.6</td>
<td>5</td>
<td>0.53</td>
<td>0.38</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FILIP1</td>
<td>Filamin A interacting protein 1</td>
<td>chr6</td>
<td>76070435-76268837</td>
<td>200.7</td>
<td>14</td>
<td>0.90</td>
<td>0.88</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FLJ32356</td>
<td>Family with sequence similarity 109, member A</td>
<td>chr12</td>
<td>110256272-110272631</td>
<td>23.2</td>
<td>2</td>
<td>1.00</td>
<td>1.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOXO3A</td>
<td>Forkhead box O3A</td>
<td>chr6</td>
<td>108978657-109113531</td>
<td>135.9</td>
<td>13</td>
<td>0.95</td>
<td>0.96</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRAT1</td>
<td>Frequently rearranged in advanced T-cell</td>
<td>chr10</td>
<td>99061398-99076185</td>
<td>17.6</td>
<td>3</td>
<td>0.76</td>
<td>0.80</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th>Gene</th>
<th>Description</th>
<th>Chromosome Location</th>
<th>Log2 Ratio</th>
<th>FDR</th>
<th>P-Value</th>
<th>OR</th>
<th>95% CI Low</th>
<th>95% CI High</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYN</td>
<td>FYN oncogene related to SRC, FGR, YES</td>
<td>chr6:112084553-112309728</td>
<td>227.1</td>
<td>0.87</td>
<td>0.81</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FZD3</td>
<td>Frizzled homologue 3 (Drosophila)</td>
<td>chr8:28397893-28482338</td>
<td>85.4</td>
<td>0.95</td>
<td>0.95</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FZD4</td>
<td>Frizzled homologue 4 (Drosophila)</td>
<td>chr11:86330509-86348490</td>
<td>24.7</td>
<td>0.91</td>
<td>0.83</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FZD5</td>
<td>Frizzled homologue 5 (Drosophila)</td>
<td>chr2:208447252-208454887</td>
<td>17.8</td>
<td>1.00</td>
<td>1.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GABRA1</td>
<td>GABA&lt;sub&gt;α&lt;/sub&gt; receptor, α1</td>
<td>chr5:161202361-161263408</td>
<td>65.8</td>
<td>0.93</td>
<td>0.92</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GABRA6</td>
<td>GABA&lt;sub&gt;α&lt;/sub&gt; receptor, α6</td>
<td>chr5:161035603-161066164</td>
<td>31.2</td>
<td>0.64</td>
<td>0.46</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GABRB2</td>
<td>GABA&lt;sub&gt;α&lt;/sub&gt; receptor, β2</td>
<td>chr5:160648456-160916837</td>
<td>269.3</td>
<td>0.92</td>
<td>0.84</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GABRG2</td>
<td>GABA&lt;sub&gt;α&lt;/sub&gt; receptor, γ2</td>
<td>chr5:161418633-161518538</td>
<td>102.8</td>
<td>0.86</td>
<td>0.79</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GABRP</td>
<td>GABA&lt;sub&gt;α&lt;/sub&gt; receptor, π</td>
<td>chr5:170133507-170182364</td>
<td>45.0</td>
<td>0.55</td>
<td>0.41</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GAD1</td>
<td>Glutamate decarboxylase 1 (brain, 67 kDa)</td>
<td>chr2:171491216-171545343</td>
<td>59.6</td>
<td>0.84</td>
<td>0.85</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GCH1</td>
<td>GTP cyclohydrolase 1 (dopa-responsive dystonia)</td>
<td>chr14:54370528-5443420</td>
<td>75.8</td>
<td>0.98</td>
<td>0.96</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GLUL</td>
<td>Glutamate-ammonia ligase (glutamine synthetase)</td>
<td>chr1:179079324-179102431</td>
<td>23.9</td>
<td>0.78</td>
<td>0.71</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GRIK2&lt;sup&gt;ab&lt;/sup&gt;</td>
<td>Glutamate receptor, ionotopic, kainate 2</td>
<td>chr6:101943674-102633474</td>
<td>684.8</td>
<td>*</td>
<td>*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GRIK5</td>
<td>Glutamate receptor, ionotopic, kainate 5</td>
<td>chr19:47192213-47267210</td>
<td>82.5</td>
<td>0.70</td>
<td>0.70</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th>Gene</th>
<th>Description</th>
<th>Chromosome</th>
<th>Start</th>
<th>End</th>
<th>Length</th>
<th>Affected</th>
<th>Control</th>
<th>t-Value</th>
<th>p-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSK3A</td>
<td>Glycogen synthase kinase 3α</td>
<td>chr19:47425705-47447538</td>
<td>27.4</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>GSK3B</td>
<td>Glycogen synthase kinase 3β</td>
<td>chr3:121024987-121305122</td>
<td>282.0</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>111</td>
<td>0.95</td>
<td>0.95</td>
</tr>
<tr>
<td>HDAC1</td>
<td>Histone deacetylase 1</td>
<td>chr1:32420620-32469799</td>
<td>49.2</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>HDAC11</td>
<td>Histone deacetylase 11</td>
<td>chr3:13487312-13526810</td>
<td>40.0</td>
<td>7</td>
<td>2</td>
<td>2</td>
<td>28</td>
<td>0.28</td>
<td>0.07</td>
</tr>
<tr>
<td>HDAC2</td>
<td>Histone deacetylase 2</td>
<td>chr6:114363637-114407711</td>
<td>45.4</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>31</td>
<td>0.89</td>
<td>0.81</td>
</tr>
<tr>
<td>HDAC4</td>
<td>Histone deacetylase 4</td>
<td>chr2:239708815-240068853</td>
<td>367.3</td>
<td>63</td>
<td>55</td>
<td>52</td>
<td>289</td>
<td>0.84</td>
<td>0.71</td>
</tr>
<tr>
<td>HDAC5</td>
<td>Histone deacetylase 5</td>
<td>chr17:39507629-39565277</td>
<td>61.9</td>
<td>6</td>
<td>4</td>
<td>4</td>
<td>25</td>
<td>0.85</td>
<td>0.88</td>
</tr>
<tr>
<td>HEY2</td>
<td>Hairy/enhancer-of-split related with YRPW motif 2</td>
<td>chr6:126103195-126127983</td>
<td>26.6</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>11</td>
<td>0.62</td>
<td>0.36</td>
</tr>
<tr>
<td>HSPA5</td>
<td>Heat shock 70-kDa protein 5 (glucose-regulated protein, 78 kDa)</td>
<td>chr9:125073657-125083578</td>
<td>21.5</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>IGF1</td>
<td>Insulinlike growth factor 1 (somatomedin C)</td>
<td>chr12:101288036-101386221</td>
<td>99.7</td>
<td>15</td>
<td>12</td>
<td>12</td>
<td>46</td>
<td>0.88</td>
<td>0.87</td>
</tr>
<tr>
<td>ILK</td>
<td>Integrin-linked kinase</td>
<td>chr11:6574103-6593476</td>
<td>22.1</td>
<td>12</td>
<td>9</td>
<td>4</td>
<td>13</td>
<td>0.82</td>
<td>0.77</td>
</tr>
<tr>
<td>IMPA1</td>
<td>Inositol(myo)-1(or 4)-monophosphatase 1</td>
<td>chr8:8277757-82770793</td>
<td>43.4</td>
<td>8</td>
<td>6</td>
<td>6</td>
<td>35</td>
<td>0.823</td>
<td>0.83</td>
</tr>
<tr>
<td>IMPA2</td>
<td>Inositol(myo)-1(or 4)-monophosphatase 1</td>
<td>chr18:11962338-12024210</td>
<td>64.5</td>
<td>12</td>
<td>9</td>
<td>9</td>
<td>79</td>
<td>0.73</td>
<td>0.51</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th>Gene</th>
<th>Protein/Expression/Mechnism</th>
<th>Description</th>
<th>Chromosome</th>
<th>Start</th>
<th>End</th>
<th>Fold</th>
<th>q-value</th>
<th>FDR</th>
<th>Change</th>
<th>FDR</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPP1</td>
<td>Inositol polyphosphate-1-phosphatase</td>
<td>InsP&lt;sub&gt;1&lt;/sub&gt;</td>
<td>chr2:191029995-191066692</td>
<td>42.9</td>
<td>11</td>
<td>11</td>
<td>39</td>
<td>0.95</td>
<td>0.87</td>
<td></td>
</tr>
<tr>
<td>ISYNA1</td>
<td>Myo-inositol 1-phosphate synthase A1</td>
<td>InsP&lt;sub&gt;1&lt;/sub&gt;</td>
<td>chr19:18401644-18418673</td>
<td>18.3</td>
<td>3</td>
<td>1</td>
<td>6</td>
<td>0.58</td>
<td>0.33</td>
<td></td>
</tr>
<tr>
<td>JUP</td>
<td>Junction plakoglobin</td>
<td>GSK3B/Wnt</td>
<td>chr17:37161002-37205107</td>
<td>47.1</td>
<td>6</td>
<td>5</td>
<td>22</td>
<td>0.60</td>
<td>0.50</td>
<td></td>
</tr>
<tr>
<td>LRRc6</td>
<td>Leucine rich repeat-containing 6</td>
<td>Positional</td>
<td>chr8:133650314-133765734</td>
<td>118.4</td>
<td>10</td>
<td>8</td>
<td>62</td>
<td>0.80</td>
<td>0.77</td>
<td></td>
</tr>
<tr>
<td>MAG</td>
<td>Myelin-associated glycoprotein</td>
<td>Expression or other mechanism</td>
<td>chr19:40466396-40499766</td>
<td>36.7</td>
<td>5</td>
<td>4</td>
<td>24</td>
<td>0.57</td>
<td>0.38</td>
<td></td>
</tr>
<tr>
<td>MAP1B</td>
<td>Microtubule-associated protein 1B</td>
<td>GSK3B/Wnt</td>
<td>chr5:71428958-71543229</td>
<td>114.7</td>
<td>26</td>
<td>22</td>
<td>82</td>
<td>0.76</td>
<td>0.60</td>
<td></td>
</tr>
<tr>
<td>MAP2</td>
<td>Microtubule-associated protein 2</td>
<td>GSK3B/Wnt</td>
<td>chr2:210260982-210425640</td>
<td>166.0</td>
<td>16</td>
<td>7</td>
<td>92</td>
<td>0.92</td>
<td>0.90</td>
<td></td>
</tr>
<tr>
<td>MAP2K1</td>
<td>Mitogen-activated protein kinase kinase 1</td>
<td>GSK3B/Wnt</td>
<td>chr15:64458441-64573353</td>
<td>119.3</td>
<td>8</td>
<td>8</td>
<td>73</td>
<td>0.97</td>
<td>0.99</td>
<td></td>
</tr>
<tr>
<td>MAP3K2</td>
<td>Mitogen-activated protein kinase kinase 2</td>
<td>GSK3B/Wnt</td>
<td>chr2:127775122-127823700</td>
<td>52.0</td>
<td>5</td>
<td>5</td>
<td>23</td>
<td>0.88</td>
<td>0.74</td>
<td></td>
</tr>
<tr>
<td>MAPK3</td>
<td>Mitogen-activated protein kinase 3</td>
<td>GSK3B/Wnt</td>
<td>chr16:30033301-30049348</td>
<td>24.1</td>
<td>1</td>
<td>1</td>
<td>5</td>
<td>0.20</td>
<td>0.20</td>
<td></td>
</tr>
<tr>
<td>MAPT</td>
<td>Microtubule-associated protein tau</td>
<td>GSK3B/Wnt</td>
<td>chr17:41319734-41461242</td>
<td>144.8</td>
<td>19</td>
<td>15</td>
<td>14</td>
<td>0.94</td>
<td>0.91</td>
<td></td>
</tr>
<tr>
<td>MEF2C</td>
<td>MADS box transcription enhancer factor 2, polypeptide C (myocyte enhancer factor 2C)</td>
<td>Expression or other mechanism</td>
<td>chr5:88051301-88224123</td>
<td>177.9</td>
<td>15</td>
<td>12</td>
<td>101</td>
<td>0.85</td>
<td>0.70</td>
<td></td>
</tr>
<tr>
<td>MINPP1</td>
<td>Multiple inositol</td>
<td>InsP&lt;sub&gt;1&lt;/sub&gt;</td>
<td>chr10:89245901-89245901</td>
<td>63.5</td>
<td>6</td>
<td>5</td>
<td>32</td>
<td>0.95</td>
<td>0.94</td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>------------------------------------------------------------------------------</td>
<td>------------</td>
<td>-----------</td>
<td>--------------------------------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>-----------------</td>
<td>-----------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>MOBP</td>
<td>Myelin-associated oligodendrocyte basic protein</td>
<td>chr3:394574653-395546660</td>
<td>73.7</td>
<td>10</td>
<td>6</td>
<td>6</td>
<td>137</td>
<td>0.92</td>
<td>0.90</td>
<td></td>
</tr>
<tr>
<td>MOG</td>
<td>Myelin oligodendrocyte glycoprotein</td>
<td>chr6:29723801-29753097</td>
<td>30.4</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>30</td>
<td>0.87</td>
<td>0.80</td>
<td></td>
</tr>
<tr>
<td>NCOA7</td>
<td>Nuclear receptor coactivator 7</td>
<td>chr6:126136837-126298103</td>
<td>164.9</td>
<td>23</td>
<td>21</td>
<td>19</td>
<td>116</td>
<td>0.92</td>
<td>0.87</td>
<td></td>
</tr>
<tr>
<td>NETO1</td>
<td>Neuropilin (NRP) and tolloid (TLL)–like 1</td>
<td>chr18:68561183-68690641</td>
<td>135.0</td>
<td>31</td>
<td>28</td>
<td>26</td>
<td>170</td>
<td>0.91</td>
<td>0.91</td>
<td></td>
</tr>
<tr>
<td>NGFB</td>
<td>Nerve growth factor, β polypeptide</td>
<td>chr1:115536234-115602103</td>
<td>67.3</td>
<td>21</td>
<td>17</td>
<td>16</td>
<td>95</td>
<td>0.73</td>
<td>0.52</td>
<td></td>
</tr>
<tr>
<td>NRG1</td>
<td>Neuregulin 1</td>
<td>chr8:31616809-32720283</td>
<td>210.0</td>
<td>18</td>
<td>11</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td></td>
</tr>
<tr>
<td>OLIG2</td>
<td>Oligodendrocyte lineage transcription factor 2</td>
<td>chr21:33310603-33327883</td>
<td>18.2</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>12</td>
<td>0.68</td>
<td>0.50</td>
<td></td>
</tr>
<tr>
<td>PAM</td>
<td>Peptidylglycine α-amidating mono-oxygenase</td>
<td>chr5:102221281-102397133</td>
<td>177.9</td>
<td>9</td>
<td>8</td>
<td>8</td>
<td>69</td>
<td>0.92</td>
<td>0.91</td>
<td></td>
</tr>
<tr>
<td>PAWR</td>
<td>PRKC, apoptosis, WT1, regulator</td>
<td>chr12:78487167-78595920</td>
<td>114.0</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>15</td>
<td>0.70</td>
<td>0.67</td>
<td></td>
</tr>
<tr>
<td>PDE4D</td>
<td>Phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homologue, Drosophila)</td>
<td>chr5:58297956-58925672</td>
<td>630.6</td>
<td>98</td>
<td>91</td>
<td>91</td>
<td>730</td>
<td>0.91</td>
<td>0.85</td>
<td></td>
</tr>
<tr>
<td>PDK1</td>
<td>3-phosphoinositide dependent protein kinase-1</td>
<td>chr16:2518005-2592915</td>
<td>74.9</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>PIK3C2B</td>
<td>Phosphoinositide-3-kinase, class 2, GSK3B/Wnt</td>
<td>chr1:201119837-201198679</td>
<td>82.7</td>
<td>12</td>
<td>8</td>
<td>8</td>
<td>59</td>
<td>0.91</td>
<td>0.90</td>
<td></td>
</tr>
<tr>
<td>Gene</td>
<td>Description</td>
<td>Chromosome</td>
<td>Start Position</td>
<td>End Position</td>
<td>Alternative Splice Site</td>
<td>Fold Change Δ</td>
<td>Fold Change Δ (D1201S)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-----------------------------------------------------------------------------</td>
<td>------------</td>
<td>----------------</td>
<td>--------------</td>
<td>-------------------------</td>
<td>---------------</td>
<td>-------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PIK3CA</td>
<td>Phosphoinositide-3-kinase, catalytic, α polypeptide</td>
<td>chr3:180343868-180435209</td>
<td>101.2</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>38</td>
<td>0.94</td>
<td>0.92</td>
<td></td>
</tr>
<tr>
<td>PIK3CB</td>
<td>Phosphoinositide-3-kinase, catalytic, β polypeptide</td>
<td>chr3:139851979-139970381</td>
<td>119.0</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>48</td>
<td>0.95</td>
<td>0.94</td>
<td></td>
</tr>
<tr>
<td>PIK3CD</td>
<td>Phosphoinositide-3-kinase, catalytic, δ polypeptide</td>
<td>chr1:9639191-9725261</td>
<td>92.2</td>
<td>11</td>
<td>9</td>
<td>9</td>
<td>24</td>
<td>0.82</td>
<td>0.71</td>
<td></td>
</tr>
<tr>
<td>PIK3CG</td>
<td>Phosphoinositide-3-kinase, catalytic, γ polypeptide</td>
<td>chr7:106090461-106146489</td>
<td>56.7</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td>35</td>
<td>0.88</td>
<td>0.74</td>
<td></td>
</tr>
<tr>
<td>PIK3R1</td>
<td>Phosphoinositide-3-kinase, regulatory subunit 1 (p85 alpha)</td>
<td>chr5:67550265-67635412</td>
<td>90.2</td>
<td>20</td>
<td>15</td>
<td>14</td>
<td>81</td>
<td>0.75</td>
<td>0.63</td>
<td></td>
</tr>
<tr>
<td>PIK3R2</td>
<td>Phosphoinositide-3-kinase, regulatory subunit 2 (p85 β)</td>
<td>chr19:18119598-18146751</td>
<td>32.3</td>
<td>8</td>
<td>7</td>
<td>4</td>
<td>7</td>
<td>1.00</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>PIK3R5</td>
<td>Phosphoinositide-3-kinase, regulatory subunit 5, p101</td>
<td>chr17:8719696-8764493</td>
<td>47.4</td>
<td>10</td>
<td>7</td>
<td>7</td>
<td>34</td>
<td>0.80</td>
<td>0.65</td>
<td></td>
</tr>
<tr>
<td>PLAA</td>
<td>Phospholipase A2-activating protein</td>
<td>Expression or other mechanism</td>
<td>chr9:26889690-26934018</td>
<td>45.7</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>26</td>
<td>0.66</td>
<td>0.54</td>
</tr>
<tr>
<td>PPP1R1B</td>
<td>Protein phosphatase 1, regulatory (inhibitor) subunit 1B (dopamine and cAMP regulated phosphoprotein, DARPP-32)</td>
<td>chr17:35028800-35051252</td>
<td>24.7</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>4</td>
<td>0.82</td>
<td>0.75</td>
<td></td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<p>| <strong>PREP</strong> | <strong>Prolyl endopeptidase</strong> | <strong>InsP&lt;sub&gt;3&lt;/sub&gt;</strong> | chr6:105827231-105966800 | 140.5 | 22 | 18 | 18 | 117 | 0.88 | 0.80 |
| <strong>PRKCA</strong> | <strong>Protein kinase C, α</strong> | <strong>InsP&lt;sub&gt;3&lt;/sub&gt;</strong> | chr17:61723869-62235162 | 516.4 | 76 | 71 | 71 | 517 | 0.87 | 0.78 |
| <strong>PTGES</strong> | <strong>Prostaglandin E synthase</strong> | <strong>Expression or other mechanism</strong> | chr9:129576171-129604004 | 29.7 | 8 | 5 | 5 | 29 | 0.81 | 0.62 |
| <strong>RAB7</strong> | <strong>RAB7, member ras oncogene family</strong> | <strong>Expression or other mechanism</strong> | chr3:129924388-130020524 | 103.7 | 6 | 6 | 6 | 28 | 0.96 | 0.96 |
| <strong>RAF1</strong> | <strong>V-raf-1 murine leukemia viral oncogene homologue 1</strong> | <strong>GSK3B/Wnt</strong> | chr3:12597623-12684167 | 95.6 | 8 | 7 | 7 | 67 | 0.94 | 0.96 |
| <strong>RGS4</strong> | <strong>Regulator of G-protein signaling 4</strong> | <strong>Schizophrenia or mood</strong> | chr1:159763238-159782959 | 22.2 | 3 | 3 | 3 | 14 | 0.91 | 0.93 |
| <strong>SIAT4A</strong> | <strong>ST3 β-galactoside α-2,3-sialyltransferase 1</strong> | <strong>Positional</strong> | chr8:134537248-134663109 | 128.0 | 54 | 45 | 45 | 177 | 0.80 | 0.72 |
| <strong>SLC18A1</strong> | <strong>Solute carrier family 18 (vesicular monoamine), member 1</strong> | <strong>Expression or other mechanism</strong> | chr8:20041820-20093804 | 53.4 | 14 | 11 | 11 | 63 | 0.82 | 0.76 |
| <strong>SLC2A2</strong> | <strong>Solute carrier family 2 (facilitated glucose transporter), member 2</strong> | <strong>Expression or other mechanism</strong> | chr3:172191895-172237179 | 45.6 | 10 | 9 | 8 | 35 | 0.97 | 1.00 |
| <strong>SLC5A3</strong> | <strong>Solute carrier family 5 (inositol transporters), member 3</strong> | <strong>InsP&lt;sub&gt;3&lt;/sub&gt;</strong> | chr21:34381492-34396474 | 17.2 | 3 | 2 | 2 | 11 | 0.88 | 0.91 |
| <strong>SLC6A11</strong> | <strong>Solute carrier family 6 (neurotransmitter transporter, GABA), member 11</strong> | <strong>Expression or other mechanism</strong> | chr3:10823410-10956934 | 137.2 | 24 | 17 | 15 | 119 | 0.73 | 0.48 |
| <strong>SLC6A3</strong> | <strong>Solute carrier</strong> | <strong>Schizophrenia</strong> | chr5:1441625- | 67.6 | 13 | 11 | 10 | 56 | 0.78 | 0.68 |</p>
<table>
<thead>
<tr>
<th>Gene</th>
<th>Description</th>
<th>Chromosome</th>
<th>Location</th>
<th>Expression Mode</th>
<th>Expression or Other Mechanism</th>
<th>Adj. P</th>
<th>P (2-Sided)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLC6A4</td>
<td>Solute carrier family 6 (neurotransmitter transporter, serotonin), member 4</td>
<td>chr17:25547852-25590167</td>
<td>49.1</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>24</td>
</tr>
<tr>
<td>SOX10</td>
<td>SRY (sex-determining region Y)-box 10</td>
<td>chr22:36689052-36714628</td>
<td>27.2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>SYT1</td>
<td>Synaptotagmin 1</td>
<td>chr12:78103861-78349662</td>
<td>248.6</td>
<td>13</td>
<td>9</td>
<td>9</td>
<td>163</td>
</tr>
<tr>
<td>TAC1</td>
<td>Tachykinin, precursor 1 (substance K, substance P, neuropeptide K, neuromedin L, neuropeptide gamma)</td>
<td>chr7:96996240-97018320</td>
<td>23.4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>TACR1</td>
<td>Tachykinin receptor 1</td>
<td>chr2:75183451-75340883</td>
<td>165.0</td>
<td>30</td>
<td>27</td>
<td>25</td>
<td>167</td>
</tr>
<tr>
<td>TBR1</td>
<td>T-box, brain, 1</td>
<td>chr2:162089351-162102808</td>
<td>24.0</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td>TNFSF6</td>
<td>Fas ligand (TNF superfamily, member 6)</td>
<td>chr1:169350788-169371239</td>
<td>22.8</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>14</td>
</tr>
<tr>
<td>TP53</td>
<td>Tumor protein p53 (Li-Fraumeni syndrome)</td>
<td>chr17:7510423-7539467</td>
<td>34.1</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>TPH1</td>
<td>Tryptophan hydroxylase 1</td>
<td>chr11:18001224-18028849</td>
<td>34.8</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>29</td>
</tr>
<tr>
<td>Gene</td>
<td>Description</td>
<td>Chromosome</td>
<td>Position</td>
<td>Total $r^2$</td>
<td>Mean $r^2$</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------------------------</td>
<td>------------</td>
<td>---------------------------</td>
<td>-------------</td>
<td>------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TPH2</td>
<td>Tryptophan hydroxylase 2</td>
<td>chr12:70609161-70716581</td>
<td>108.6</td>
<td>12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WISP1</td>
<td>Wnt-1 inducible signaling pathway protein 1</td>
<td>chr8:134263035-134315134</td>
<td>53.3</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WNT7A</td>
<td>Wingless-type MMTV integration site family, member 7A</td>
<td>chr3:13830351-13905491</td>
<td>76.5</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total** | 1502 | 1249 | 1180 | 7762 | 0.83 | 0.76 |

**Abbreviations:** cAMP, cyclic adenosine monophosphate; chr, chromosome; CREB, cyclic AMP-responsive element binding; GABA, γ-aminobutyric acid; GTP, glutamyl transpeptidase; HD, heterodimerization; InsP₃, inositol 1,4,5-triphosphate; kb, kilobase; MMTV, mouse mammary tumor virus; PHD, plant homeodomain; SNP, single-nucleotide polymorphism; TNF, tumor necrosis factor.

- InsP₃ and GSK3B/Wnt refer to genes related to the respective signaling pathways; in some cases of convergence, genes are arbitrarily assigned to GSK3B/Wnt.
- Indicates meeting quality control criteria (see text for details).
- Indicates mean $r^2$ between genotyped SNPs and all HapMap (International HapMap Project) SNPs in the gene region.
- Indicates proportion of HapMap SNPs in the gene region captured with $r^2$ of 0.8 or greater by the genotyped (tag) SNPs.
- ARVCF and COMT lie within 20 kb and were therefore considered a single landmark for tagging purposes.
- Because of their size, NRG1 and GRIK2 were not assessed using tag SNPs but rather with the inclusion of selected SNPs previously associated with schizophrenia or bipolar disorder.
- B85
**eTable 2. Summary of SNP Data Cleaning**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Begin with all genotypes with genotype call score &gt; 0.25, indicating high confidence</td>
</tr>
<tr>
<td>2.</td>
<td>Eliminate SNPs showing &lt; 60% high-confidence genotypes across all genotyped samples (71 SNPs)</td>
</tr>
<tr>
<td>3.</td>
<td>Eliminate individuals with high-confidence genotypes in &lt; 95% of retained SNPs (4 subjects)</td>
</tr>
<tr>
<td>4.</td>
<td>Eliminate SNPs with high-confidence genotypes in &lt; 97.5% of retained individuals (74 SNPs)</td>
</tr>
<tr>
<td>5.</td>
<td>After examination of Mendel errors in all parent-offspring sets, eliminate individuals with suspected pedigree misspecification (&gt; 100 Mendel errors) (2 subjects)</td>
</tr>
<tr>
<td>6.</td>
<td>Eliminate SNPs with high Mendel error rates (&gt; 20 SNPs) (2 markers)</td>
</tr>
<tr>
<td>7.</td>
<td>Eliminate individuals in whom &lt; 1375 of the remaining 1388 SNPs had high-confidence genotype calls (48 individuals) (this accounted for 158 of 324 remaining Mendel errors)</td>
</tr>
<tr>
<td>8.</td>
<td>Eliminate SNPs with &gt; 2 remaining Mendel errors in the data set (15 SNPs)</td>
</tr>
<tr>
<td>9.</td>
<td>Eliminate SNPs with minor allele frequency &lt; 5% and SNPs that failed Hardy-Weinberg equilibrium goodness-of-fit tests in founder individuals (P &lt; .01) (18 SNPs)</td>
</tr>
</tbody>
</table>

**Abbreviation:** SNP, single-nucleotide polymorphism.
### eTable 3. Gene-Based Test for Association With Bipolar Disorder

<table>
<thead>
<tr>
<th>Gene ID</th>
<th>No. of SNPs</th>
<th>SNP</th>
<th>Mean $\chi^2$</th>
<th>$P$ Value for Gene</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADCYAP1</td>
<td>1</td>
<td>rs1608447</td>
<td>0.58</td>
<td>.91</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs7228988</td>
<td>0.39</td>
<td>.92</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs2231187</td>
<td>0.32</td>
<td>.91</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs8192595</td>
<td>0.25</td>
<td>.91</td>
</tr>
<tr>
<td>ADRA1B</td>
<td>1</td>
<td>rs952037</td>
<td>1.72</td>
<td>.74</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs4921241</td>
<td>1.52</td>
<td>.67</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs10214211</td>
<td>1.27</td>
<td>.63</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs7726095</td>
<td>1.05</td>
<td>.61</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs3729604</td>
<td>0.90</td>
<td>.58</td>
</tr>
<tr>
<td>AKT1</td>
<td>1</td>
<td>rs1130214</td>
<td>1.87</td>
<td>.61</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs2498804</td>
<td>1.51</td>
<td>.59</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs2494734</td>
<td>1.22</td>
<td>.58</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs6644</td>
<td>1.02</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs2494750</td>
<td>0.86</td>
<td>.56</td>
</tr>
<tr>
<td>APAF1</td>
<td>1</td>
<td>rs12303961</td>
<td>1.18</td>
<td>.81</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs7299536</td>
<td>0.66</td>
<td>.89</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs12369297</td>
<td>0.49</td>
<td>.90</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs2060175</td>
<td>0.38</td>
<td>.90</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs1439124</td>
<td>0.32</td>
<td>.90</td>
</tr>
<tr>
<td>ARVCF</td>
<td>1</td>
<td>rs2518827</td>
<td>4.63</td>
<td>.19</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs3788322</td>
<td>3.93</td>
<td>.17</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs2238790</td>
<td>3.39</td>
<td>.16</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs886162</td>
<td>2.93</td>
<td>.15</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs2238794</td>
<td>2.50</td>
<td>.15</td>
</tr>
<tr>
<td>ATF3</td>
<td>1</td>
<td>rs4951629</td>
<td>2.92</td>
<td>.48</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs10735510</td>
<td>2.11</td>
<td>.48</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs3125296</td>
<td>1.60</td>
<td>.49</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs3795837</td>
<td>1.33</td>
<td>.46</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs3122712</td>
<td>1.09</td>
<td>.46</td>
</tr>
<tr>
<td>AXIN1</td>
<td>1</td>
<td>rs400037</td>
<td>1.52</td>
<td>.74</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs370681</td>
<td>1.46</td>
<td>.64</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th>Gene</th>
<th>rs214247</th>
<th>rs2301522</th>
<th>rs7359414</th>
<th>1.32</th>
<th>.56</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAD</td>
<td>rs660442</td>
<td>4.23</td>
<td>0.85</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs477895</td>
<td>4.14</td>
<td>0.56</td>
<td>1.32</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td>rs3815362</td>
<td>3.15</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td>BAG1</td>
<td>rs706121</td>
<td>2.55</td>
<td>0.85</td>
<td>1.03</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td>rs706118</td>
<td>2.27</td>
<td>0.56</td>
<td>1.32</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td>rs3758270</td>
<td>1.59</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td>BAX</td>
<td>rs905238</td>
<td>1.74</td>
<td>0.85</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs1805419</td>
<td>1.51</td>
<td>0.56</td>
<td>1.32</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td>rs11667351</td>
<td>1.13</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td>BCR</td>
<td>rs3788360</td>
<td>2.41</td>
<td>0.85</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs1010609</td>
<td>2.26</td>
<td>0.56</td>
<td>1.32</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td>rs140500</td>
<td>2.09</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs3788358</td>
<td>1.95</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs4820548</td>
<td>1.86</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td>BDNF</td>
<td>rs1552736</td>
<td>2.47</td>
<td>0.85</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs11030096</td>
<td>2.39</td>
<td>0.56</td>
<td>1.32</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td>rs11030076</td>
<td>2.23</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs1565228</td>
<td>2.12</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs7103411</td>
<td>1.99</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td>C6orf74</td>
<td>rs3778451</td>
<td>0.95</td>
<td>0.85</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs9491385</td>
<td>0.80</td>
<td>0.56</td>
<td>1.32</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td>rs1040803</td>
<td>0.68</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs3799720</td>
<td>0.55</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs12523848</td>
<td>0.45</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td>CAMKK2</td>
<td>rs2686346</td>
<td>1.41</td>
<td>0.85</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs4980999</td>
<td>1.21</td>
<td>0.56</td>
<td>1.32</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td>rs1151882</td>
<td>1.13</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs11615578</td>
<td>0.91</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>rs11065514</td>
<td>0.76</td>
<td>0.56</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td>CBFB</td>
<td>rs2031005</td>
<td>0.44</td>
<td>0.85</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td>CCK</td>
<td>rs9311317</td>
<td>0.55</td>
<td>0.85</td>
<td>1.03</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs10460960</td>
<td>0.40</td>
<td>.87</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rs10865918</td>
<td>0.27</td>
<td>.88</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CDK5R1</td>
<td>rs735555</td>
<td>1.83</td>
<td>.57</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rs12162135</td>
<td>1.35</td>
<td>.53</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rs756785</td>
<td>1.11</td>
<td>.48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CENTG1</td>
<td>rs12368653</td>
<td>0.19</td>
<td>.97</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rs10877011</td>
<td>0.15</td>
<td>.96</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rs2270777</td>
<td>0.10</td>
<td>.96</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CGI-72</td>
<td>rs235437</td>
<td>1.18</td>
<td>.73</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rs10505600</td>
<td>0.82</td>
<td>.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rs235436</td>
<td>0.61</td>
<td>.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs1469264</td>
<td>0.46</td>
<td>.76</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CITED2</td>
<td>rs1131431</td>
<td>1.00</td>
<td>.62</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rs12198662</td>
<td>0.67</td>
<td>.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLDN11</td>
<td>rs2111826</td>
<td>0.36</td>
<td>.91</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rs7643214</td>
<td>0.24</td>
<td>.91</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rs7610584</td>
<td>0.16</td>
<td>.91</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMT</td>
<td>rs165774</td>
<td>3.49</td>
<td>.22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rs6269</td>
<td>2.07</td>
<td>.33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rs3810595</td>
<td>1.60</td>
<td>.38</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs2239393</td>
<td>1.36</td>
<td>.39</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs165815</td>
<td>1.18</td>
<td>.39</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs2551640</td>
<td>0.45</td>
<td>.83</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rs1045780</td>
<td>0.23</td>
<td>.87</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rs2551639</td>
<td>0.15</td>
<td>.89</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CREB1</td>
<td>rs6785</td>
<td>0.11</td>
<td>.91</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rs129963</td>
<td>1.32</td>
<td>.85</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rs8046065</td>
<td>1.10</td>
<td>.83</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs11076787</td>
<td>0.89</td>
<td>.82</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs9392</td>
<td>0.70</td>
<td>.83</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs11644593</td>
<td>0.57</td>
<td>.83</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CREBBP</td>
<td>rs1531550</td>
<td>0.75</td>
<td>.79</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>rs1148247</td>
<td>0.38</td>
<td>.86</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rs10827493</td>
<td>0.25</td>
<td>.87</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gene</td>
<td>Rank</td>
<td>ID</td>
<td>AOR</td>
<td>95% CI</td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>------</td>
<td>--------</td>
<td>-------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>CTNNB1</td>
<td>1</td>
<td>rs3774371</td>
<td>0.29</td>
<td>.87</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs11564454</td>
<td>0.29</td>
<td>.83</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs4135385</td>
<td>0.19</td>
<td>.84</td>
<td></td>
</tr>
<tr>
<td>CUTL2</td>
<td>1</td>
<td>rs6490039</td>
<td>1.86</td>
<td>.60</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs4766539</td>
<td>1.77</td>
<td>.48</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1001484</td>
<td>1.69</td>
<td>.39</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs6490029</td>
<td>1.53</td>
<td>.33</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs916683</td>
<td>1.40</td>
<td>.28</td>
<td></td>
</tr>
<tr>
<td>DISC1</td>
<td>1</td>
<td>rs11577215</td>
<td>6.62</td>
<td>.08</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs10864702</td>
<td>6.05</td>
<td>.04</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1015101</td>
<td>5.38</td>
<td>.03</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs1934909</td>
<td>4.86</td>
<td>.02</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs2759346</td>
<td>4.43</td>
<td>.01</td>
<td></td>
</tr>
<tr>
<td>DNAJC5</td>
<td>1</td>
<td>rs7000</td>
<td>1.14</td>
<td>.84</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs817386</td>
<td>1.09</td>
<td>.77</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs4809249</td>
<td>0.95</td>
<td>.73</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs6090020</td>
<td>0.87</td>
<td>.67</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs6011208</td>
<td>0.79</td>
<td>.62</td>
<td></td>
</tr>
<tr>
<td>DNMT1</td>
<td>1</td>
<td>rs11672909</td>
<td>0.80</td>
<td>.70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs7253062</td>
<td>0.57</td>
<td>.63</td>
<td></td>
</tr>
<tr>
<td>DTNBPI</td>
<td>1</td>
<td>rs1000117</td>
<td>3.46</td>
<td>.38</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs1011313</td>
<td>3.08</td>
<td>.27</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1997679</td>
<td>2.72</td>
<td>.21</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs760666</td>
<td>2.50</td>
<td>.14</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs9296983</td>
<td>2.36</td>
<td>.09</td>
<td></td>
</tr>
<tr>
<td>DVL2</td>
<td>1</td>
<td>rs222836</td>
<td>2.59</td>
<td>.43</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs2074222</td>
<td>1.84</td>
<td>.46</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs222835</td>
<td>1.58</td>
<td>.43</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs222852</td>
<td>1.40</td>
<td>.91</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs222843</td>
<td>1.20</td>
<td>.37</td>
<td></td>
</tr>
<tr>
<td>DVL3</td>
<td>1</td>
<td>rs843346</td>
<td>0.75</td>
<td>.92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs4912527</td>
<td>0.67</td>
<td>.90</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1709642</td>
<td>0.46</td>
<td>.92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs2175525</td>
<td>0.36</td>
<td>.93</td>
<td></td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th></th>
<th>rsID</th>
<th>BETA</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>rs11919795</td>
<td>0.29</td>
<td>.93</td>
</tr>
<tr>
<td>1</td>
<td>rs881878</td>
<td>2.70</td>
<td>.42</td>
</tr>
<tr>
<td>2</td>
<td>rs4698803</td>
<td>2.67</td>
<td>.31</td>
</tr>
<tr>
<td>3</td>
<td>rs11568993</td>
<td>2.34</td>
<td>.26</td>
</tr>
<tr>
<td>4</td>
<td>rs2237051</td>
<td>2.12</td>
<td>.22</td>
</tr>
<tr>
<td>5</td>
<td>rs2250724</td>
<td>1.85</td>
<td>.20</td>
</tr>
<tr>
<td>1</td>
<td>rs9385270</td>
<td>0.31</td>
<td>.98</td>
</tr>
<tr>
<td>2</td>
<td>rs7764703</td>
<td>0.29</td>
<td>.97</td>
</tr>
<tr>
<td>3</td>
<td>rs6899351</td>
<td>0.24</td>
<td>.97</td>
</tr>
<tr>
<td>4</td>
<td>rs2243372</td>
<td>0.19</td>
<td>.96</td>
</tr>
<tr>
<td>1</td>
<td>rs2951928</td>
<td>1.66</td>
<td>.69</td>
</tr>
<tr>
<td>2</td>
<td>rs2748254</td>
<td>1.46</td>
<td>.61</td>
</tr>
<tr>
<td>3</td>
<td>rs9350589</td>
<td>1.34</td>
<td>.53</td>
</tr>
<tr>
<td>4</td>
<td>rs2951916</td>
<td>1.28</td>
<td>.43</td>
</tr>
<tr>
<td>5</td>
<td>rs9343292</td>
<td>1.24</td>
<td>.34</td>
</tr>
<tr>
<td>1</td>
<td>rs7312913</td>
<td>1.28</td>
<td>.26</td>
</tr>
<tr>
<td>2</td>
<td>rs3742004</td>
<td>1.01</td>
<td>.27</td>
</tr>
<tr>
<td>1</td>
<td>rs12198276</td>
<td>0.22</td>
<td>.99</td>
</tr>
<tr>
<td>2</td>
<td>rs3778586</td>
<td>0.16</td>
<td>.99</td>
</tr>
<tr>
<td>3</td>
<td>rs9486902</td>
<td>0.14</td>
<td>.99</td>
</tr>
<tr>
<td>4</td>
<td>rs2802292</td>
<td>0.12</td>
<td>.99</td>
</tr>
<tr>
<td>5</td>
<td>rs9480866</td>
<td>0.11</td>
<td>.99</td>
</tr>
<tr>
<td>1</td>
<td>rs10786327</td>
<td>4.93</td>
<td>.06</td>
</tr>
<tr>
<td>2</td>
<td>rs3740512</td>
<td>3.47</td>
<td>.09</td>
</tr>
<tr>
<td>1</td>
<td>rs1327202</td>
<td>2.05</td>
<td>.65</td>
</tr>
<tr>
<td>2</td>
<td>rs2024832</td>
<td>2.05</td>
<td>.51</td>
</tr>
<tr>
<td>3</td>
<td>rs6910116</td>
<td>2.02</td>
<td>.38</td>
</tr>
<tr>
<td>4</td>
<td>rs9372316</td>
<td>1.94</td>
<td>.29</td>
</tr>
<tr>
<td>5</td>
<td>rs1409837</td>
<td>1.89</td>
<td>.20</td>
</tr>
<tr>
<td>1</td>
<td>rs2241802</td>
<td>0.65</td>
<td>.94</td>
</tr>
<tr>
<td>2</td>
<td>rs10503830</td>
<td>0.59</td>
<td>.92</td>
</tr>
<tr>
<td>3</td>
<td>rs164666</td>
<td>0.45</td>
<td>.92</td>
</tr>
<tr>
<td>4</td>
<td>rs1946583</td>
<td>0.36</td>
<td>.92</td>
</tr>
<tr>
<td>5</td>
<td>rs1908916</td>
<td>0.29</td>
<td>.92</td>
</tr>
<tr>
<td>Gene</td>
<td>Position</td>
<td>rsID</td>
<td>p-value</td>
</tr>
<tr>
<td>---------</td>
<td>----------</td>
<td>-------------</td>
<td>---------</td>
</tr>
<tr>
<td>FZD4</td>
<td>1</td>
<td>rs10898563</td>
<td>3.50</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs713065</td>
<td>3.07</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs7925666</td>
<td>2.06</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs3758657</td>
<td>1.55</td>
</tr>
<tr>
<td>FZD5</td>
<td>1</td>
<td>rs9784133</td>
<td>0.96</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs6755821</td>
<td>0.81</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs3731568</td>
<td>0.62</td>
</tr>
<tr>
<td>GABA region (no gene)</td>
<td>1</td>
<td>rs10056305</td>
<td>0.95</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs7448515</td>
<td>0.57</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs6862670</td>
<td>0.42</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs11745164</td>
<td>0.32</td>
</tr>
<tr>
<td>GABRA1</td>
<td>1</td>
<td>rs4263535</td>
<td>1.85</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs1157122</td>
<td>1.83</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1026447</td>
<td>1.72</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs4605831</td>
<td>1.53</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs1037715</td>
<td>1.38</td>
</tr>
<tr>
<td>GABRA6</td>
<td>1</td>
<td>rs3811995</td>
<td>0.52</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs3811991</td>
<td>0.47</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs2197414</td>
<td>0.43</td>
</tr>
<tr>
<td>GABRB2</td>
<td>1</td>
<td>rs3850733</td>
<td>8.19</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs10515827</td>
<td>8.10</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs967771</td>
<td>7.33</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs194073</td>
<td>6.75</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs1644454</td>
<td>5.97</td>
</tr>
<tr>
<td>GABRG2</td>
<td>1</td>
<td>rs2268583</td>
<td>1.06</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs10491328</td>
<td>1.00</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs211037</td>
<td>0.87</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs209353</td>
<td>0.79</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs6886028</td>
<td>0.70</td>
</tr>
<tr>
<td>GABRP</td>
<td>1</td>
<td>rs732157</td>
<td>0.44</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs7724371</td>
<td>0.29</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1158443</td>
<td>0.22</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs1895409</td>
<td>0.17</td>
</tr>
<tr>
<td>Gene</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>--------</td>
<td>------------</td>
<td>------------</td>
<td>------------</td>
</tr>
<tr>
<td>GAD1</td>
<td>rs4297845</td>
<td>rs6755814</td>
<td>rs2058725</td>
</tr>
<tr>
<td></td>
<td>2.39</td>
<td>1.61</td>
<td>1.35</td>
</tr>
<tr>
<td></td>
<td>.50</td>
<td>.57</td>
<td>.55</td>
</tr>
<tr>
<td>GCH1</td>
<td>rs7148831</td>
<td>rs3783642</td>
<td>rs7142517</td>
</tr>
<tr>
<td></td>
<td>1.97</td>
<td>1.54</td>
<td>1.25</td>
</tr>
<tr>
<td></td>
<td>.67</td>
<td>.65</td>
<td>.64</td>
</tr>
<tr>
<td>GLUL</td>
<td>rs3895340</td>
<td>rs912900</td>
<td>rs1001403</td>
</tr>
<tr>
<td></td>
<td>0.15</td>
<td>0.13</td>
<td>0.11</td>
</tr>
<tr>
<td></td>
<td>.99</td>
<td>.99</td>
<td>.98</td>
</tr>
<tr>
<td>GRIK2</td>
<td>rs2022055</td>
<td>rs4840192</td>
<td>rs2227283</td>
</tr>
<tr>
<td></td>
<td>1.20</td>
<td>0.83</td>
<td>0.68</td>
</tr>
<tr>
<td></td>
<td>.83</td>
<td>.84</td>
<td>.81</td>
</tr>
<tr>
<td>GRIK5</td>
<td>rs10408650</td>
<td>rs10407506</td>
<td>rs454150</td>
</tr>
<tr>
<td></td>
<td>0.55</td>
<td>0.52</td>
<td>0.35</td>
</tr>
<tr>
<td></td>
<td>.83</td>
<td>.76</td>
<td>.78</td>
</tr>
<tr>
<td>GSK3A</td>
<td>rs3745233</td>
<td>rs1574154</td>
<td>rs4688043</td>
</tr>
<tr>
<td></td>
<td>0.01</td>
<td>1.27</td>
<td>0.98</td>
</tr>
<tr>
<td></td>
<td>.97</td>
<td>.77</td>
<td>.78</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HDAC1</td>
<td>rs1741981</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HDAC11</td>
<td>rs2655225</td>
<td>rs2655224</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.67</td>
<td>0.99</td>
<td></td>
</tr>
<tr>
<td></td>
<td>.38</td>
<td>.38</td>
<td></td>
</tr>
<tr>
<td>HDAC2</td>
<td>rs352068</td>
<td>rs10499079</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.27</td>
<td>1.06</td>
<td></td>
</tr>
<tr>
<td></td>
<td>.81</td>
<td>.77</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th>rs2499618</th>
<th>0.91</th>
<th>.64</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td></td>
<td>rs2025191</td>
<td>0.75</td>
<td>.63</td>
</tr>
<tr>
<td>HDAC4</td>
<td>1</td>
<td>rs3791523</td>
<td>2.44</td>
<td>.53</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs1063639</td>
<td>2.07</td>
<td>.47</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs3791500</td>
<td>1.93</td>
<td>.38</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs3791428</td>
<td>1.85</td>
<td>.29</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs709274</td>
<td>1.79</td>
<td>.21</td>
</tr>
<tr>
<td>HDAC5</td>
<td>1</td>
<td>rs454192</td>
<td>1.98</td>
<td>.46</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs4239142</td>
<td>1.68</td>
<td>.42</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs228757</td>
<td>1.35</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs375171</td>
<td>1.11</td>
<td>.39</td>
</tr>
<tr>
<td>HEY2</td>
<td>1</td>
<td>rs9385383</td>
<td>0.01</td>
<td>.94</td>
</tr>
<tr>
<td>HSPA5</td>
<td>1</td>
<td>rs599063</td>
<td>0.29</td>
<td>.92</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs12009</td>
<td>0.16</td>
<td>.93</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs391957</td>
<td>0.11</td>
<td>.94</td>
</tr>
<tr>
<td>IGF1</td>
<td>1</td>
<td>rs35765</td>
<td>2.53</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs35766</td>
<td>2.36</td>
<td>.44</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs2033178</td>
<td>2.10</td>
<td>.37</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs1019731</td>
<td>1.93</td>
<td>.28</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs6214</td>
<td>1.80</td>
<td>.21</td>
</tr>
<tr>
<td>ILK</td>
<td>1</td>
<td>rs1043390</td>
<td>5.09</td>
<td>.17</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs1043388</td>
<td>5.07</td>
<td>.07</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1800733</td>
<td>4.17</td>
<td>.05</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs2292195</td>
<td>3.68</td>
<td>.03</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs4758437</td>
<td>3.29</td>
<td>.02</td>
</tr>
<tr>
<td>IMPA1</td>
<td>1</td>
<td>rs2912821</td>
<td>1.67</td>
<td>.60</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs2955004</td>
<td>1.61</td>
<td>.50</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs2955003</td>
<td>1.45</td>
<td>.43</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs1967328</td>
<td>1.23</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs2268432</td>
<td>1.07</td>
<td>.39</td>
</tr>
<tr>
<td>IMPA2</td>
<td>1</td>
<td>rs747838</td>
<td>2.60</td>
<td>.45</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs630110</td>
<td>1.95</td>
<td>.43</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1250171</td>
<td>1.72</td>
<td>.38</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs628419</td>
<td>1.50</td>
<td>.35</td>
</tr>
<tr>
<td></td>
<td>rs1262056</td>
<td>1.28</td>
<td>.32</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>-----------</td>
<td>------</td>
<td>-----</td>
<td></td>
</tr>
<tr>
<td>INPP1</td>
<td>rs2736619</td>
<td>1.87</td>
<td>.59</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs1882891</td>
<td>1.79</td>
<td>.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs3791816</td>
<td>1.69</td>
<td>.44</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs4656</td>
<td>1.62</td>
<td>.37</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs4274625</td>
<td>1.49</td>
<td>.32</td>
<td></td>
</tr>
<tr>
<td>ISYNA1</td>
<td>rs888669</td>
<td>0.00</td>
<td>.98</td>
<td></td>
</tr>
<tr>
<td>JUP</td>
<td>rs11650969</td>
<td>0.21</td>
<td>.99</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs753663</td>
<td>0.12</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs7406225</td>
<td>0.09</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs4796701</td>
<td>0.07</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs4629018</td>
<td>0.05</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>LRRC6</td>
<td>rs7465694</td>
<td>1.55</td>
<td>.70</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs12675121</td>
<td>1.31</td>
<td>.65</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs6984896</td>
<td>0.98</td>
<td>.67</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs2293979</td>
<td>0.79</td>
<td>.67</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs2884203</td>
<td>0.67</td>
<td>.65</td>
<td></td>
</tr>
<tr>
<td>MAG</td>
<td>rs720309</td>
<td>0.49</td>
<td>.95</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs2301600</td>
<td>0.38</td>
<td>.94</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs11669734</td>
<td>0.29</td>
<td>.93</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs7251432</td>
<td>0.24</td>
<td>.93</td>
<td></td>
</tr>
<tr>
<td>MAP1B</td>
<td>rs4569852</td>
<td>4.54</td>
<td>.26</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs4704553</td>
<td>4.09</td>
<td>.17</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs10515140</td>
<td>3.66</td>
<td>.11</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs6874186</td>
<td>3.38</td>
<td>.07</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs4301216</td>
<td>3.18</td>
<td>.04</td>
<td></td>
</tr>
<tr>
<td>MAP2</td>
<td>rs741007</td>
<td>0.52</td>
<td>.91</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs6720659</td>
<td>0.32</td>
<td>.94</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs11687764</td>
<td>0.23</td>
<td>.95</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs2239672</td>
<td>0.19</td>
<td>.95</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs16843618</td>
<td>0.16</td>
<td>.95</td>
<td></td>
</tr>
<tr>
<td>MAP2K1</td>
<td>rs12050736</td>
<td>0.96</td>
<td>.83</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs11630608</td>
<td>0.77</td>
<td>.83</td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs1432442</td>
<td>0.62</td>
<td>.82</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4255740</td>
<td>0.52</td>
<td>.81</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>-----------</td>
<td>------</td>
<td>----</td>
</tr>
<tr>
<td>5</td>
<td>rs12440176</td>
<td>0.44</td>
<td>.80</td>
<td></td>
</tr>
<tr>
<td><strong>MAP3K2</strong></td>
<td>1</td>
<td>rs6737103</td>
<td>1.14</td>
<td>.84</td>
</tr>
<tr>
<td>2</td>
<td>rs3732209</td>
<td>1.11</td>
<td>.75</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs7590892</td>
<td>1.00</td>
<td>.69</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs6732279</td>
<td>0.88</td>
<td>.67</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs1129106</td>
<td>0.72</td>
<td>.67</td>
<td></td>
</tr>
<tr>
<td><strong>MAPK3</strong></td>
<td>1</td>
<td>rs7698</td>
<td>0.03</td>
<td>.89</td>
</tr>
<tr>
<td><strong>MAPT</strong></td>
<td>1</td>
<td>rs3785883</td>
<td>2.23</td>
<td>.61</td>
</tr>
<tr>
<td>2</td>
<td>rs1467967</td>
<td>2.02</td>
<td>.51</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs3785880</td>
<td>1.94</td>
<td>.39</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs878918</td>
<td>1.63</td>
<td>.36</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs2435211</td>
<td>1.43</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td><strong>MEF2C</strong></td>
<td>1</td>
<td>rs647983</td>
<td>2.72</td>
<td>.41</td>
</tr>
<tr>
<td>2</td>
<td>rs618741</td>
<td>2.18</td>
<td>.41</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs674747</td>
<td>1.82</td>
<td>.39</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs10514302</td>
<td>1.61</td>
<td>.36</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs244757</td>
<td>1.46</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td><strong>MINPP1</strong></td>
<td>1</td>
<td>rs3758478</td>
<td>1.41</td>
<td>.80</td>
</tr>
<tr>
<td>2</td>
<td>rs3847452</td>
<td>1.10</td>
<td>.79</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs1408377</td>
<td>0.94</td>
<td>.76</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs3847450</td>
<td>0.80</td>
<td>.73</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs2077871</td>
<td>0.68</td>
<td>.72</td>
<td></td>
</tr>
<tr>
<td><strong>MOBP</strong></td>
<td>1</td>
<td>rs12490768</td>
<td>1.74</td>
<td>.64</td>
</tr>
<tr>
<td>2</td>
<td>rs631312</td>
<td>1.70</td>
<td>.52</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs552724</td>
<td>1.53</td>
<td>.47</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs1768262</td>
<td>1.32</td>
<td>.44</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs512923</td>
<td>1.16</td>
<td>.41</td>
<td></td>
</tr>
<tr>
<td><strong>MOG</strong></td>
<td>1</td>
<td>rs29269</td>
<td>1.03</td>
<td>.89</td>
</tr>
<tr>
<td>2</td>
<td>rs2256266</td>
<td>0.64</td>
<td>.93</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs29228</td>
<td>0.48</td>
<td>.93</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs3130253</td>
<td>0.38</td>
<td>.93</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs3130250</td>
<td>0.31</td>
<td>.93</td>
<td></td>
</tr>
<tr>
<td><strong>NCOA7</strong></td>
<td>1</td>
<td>rs1322756</td>
<td>2.00</td>
<td>.61</td>
</tr>
<tr>
<td></td>
<td>Gene</td>
<td>rsID</td>
<td>OR</td>
<td>P</td>
</tr>
<tr>
<td>---</td>
<td>------</td>
<td>--------</td>
<td>-----</td>
<td>-------</td>
</tr>
<tr>
<td>2</td>
<td>rs10872303</td>
<td>1.93</td>
<td>.49</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs715880</td>
<td>1.86</td>
<td>.37</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs1567</td>
<td>1.69</td>
<td>.30</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs505683</td>
<td>1.58</td>
<td>.24</td>
<td></td>
</tr>
<tr>
<td>NETO1</td>
<td>1</td>
<td>rs6566669</td>
<td>2.14</td>
<td>.59</td>
</tr>
<tr>
<td>2</td>
<td>rs1484221</td>
<td>2.13</td>
<td>.46</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs12607733</td>
<td>2.07</td>
<td>.39</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs4606820</td>
<td>2.00</td>
<td>.26</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs10514052</td>
<td>1.90</td>
<td>.20</td>
<td></td>
</tr>
<tr>
<td>NGFB</td>
<td>1</td>
<td>rs3811014</td>
<td>5.97</td>
<td>.08</td>
</tr>
<tr>
<td>2</td>
<td>rs11102930</td>
<td>4.57</td>
<td>.06</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs2239622</td>
<td>3.64</td>
<td>.05</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs6673867</td>
<td>3.15</td>
<td>.04</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs2856813</td>
<td>2.79</td>
<td>.02</td>
<td></td>
</tr>
<tr>
<td>NRG1</td>
<td>1</td>
<td>rs3924999</td>
<td>3.21</td>
<td>.41</td>
</tr>
<tr>
<td>2</td>
<td>rs967205</td>
<td>1.97</td>
<td>.51</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs2466089</td>
<td>1.43</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs1481743</td>
<td>1.15</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs16878388</td>
<td>0.98</td>
<td>.51</td>
<td></td>
</tr>
<tr>
<td>OLIG2</td>
<td>1</td>
<td>rs6517137</td>
<td>1.15</td>
<td>.83</td>
</tr>
<tr>
<td>2</td>
<td>rs881666</td>
<td>0.90</td>
<td>.83</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs6517135</td>
<td>0.67</td>
<td>.85</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs13049151</td>
<td>0.55</td>
<td>.84</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs762178</td>
<td>0.48</td>
<td>.82</td>
<td></td>
</tr>
<tr>
<td>PAM</td>
<td>1</td>
<td>rs249496</td>
<td>0.98</td>
<td>.91</td>
</tr>
<tr>
<td>2</td>
<td>rs249495</td>
<td>0.96</td>
<td>.85</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs1011453</td>
<td>0.73</td>
<td>.85</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs6596529</td>
<td>0.59</td>
<td>.85</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs1011454</td>
<td>0.48</td>
<td>.85</td>
<td></td>
</tr>
<tr>
<td>PAWR</td>
<td>1</td>
<td>rs8176913</td>
<td>0.56</td>
<td>.63</td>
</tr>
<tr>
<td>2</td>
<td>rs2463107</td>
<td>0.50</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>PDE4D</td>
<td>1</td>
<td>rs1824154</td>
<td>4.17</td>
<td>.26</td>
</tr>
<tr>
<td>2</td>
<td>rs12518641</td>
<td>4.04</td>
<td>.17</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>rs424839</td>
<td>3.98</td>
<td>.10</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----</td>
<td>----</td>
<td>-------</td>
<td>----</td>
<td>----</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>rs1035321</td>
<td>3.92</td>
<td>.06</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
<td>rs922434</td>
<td>3.83</td>
<td>.03</td>
</tr>
<tr>
<td><strong>PDPK1</strong></td>
<td>1</td>
<td>rs929457</td>
<td>0.05</td>
<td>.89</td>
</tr>
<tr>
<td><strong>PIK3C2B</strong></td>
<td>1</td>
<td>rs7339934</td>
<td>2.71</td>
<td>.35</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs4951373</td>
<td>2.59</td>
<td>.25</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs6594014</td>
<td>1.88</td>
<td>.29</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs10494852</td>
<td>1.49</td>
<td>.30</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs12061474</td>
<td>1.26</td>
<td>.29</td>
</tr>
<tr>
<td><strong>PIK3CA</strong></td>
<td>1</td>
<td>rs7641889</td>
<td>7.02</td>
<td>.09</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs7651265</td>
<td>5.63</td>
<td>.08</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs4855095</td>
<td>4.93</td>
<td>.06</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs6443624</td>
<td>4.14</td>
<td>.06</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs13082485</td>
<td>3.63</td>
<td>.045</td>
</tr>
<tr>
<td><strong>PIK3CB</strong></td>
<td>1</td>
<td>rs361072</td>
<td>0.25</td>
<td>.87</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs10513055</td>
<td>0.12</td>
<td>.90</td>
</tr>
<tr>
<td><strong>PIK3CD</strong></td>
<td>1</td>
<td>rs4129341</td>
<td>1.02</td>
<td>.88</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs11802023</td>
<td>1.00</td>
<td>.82</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs6541017</td>
<td>0.93</td>
<td>.76</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs1135427</td>
<td>0.84</td>
<td>.71</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs9430220</td>
<td>0.76</td>
<td>.66</td>
</tr>
<tr>
<td><strong>PIK3CG</strong></td>
<td>1</td>
<td>rs4730205</td>
<td>1.07</td>
<td>.88</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs4727666</td>
<td>0.91</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1526083</td>
<td>0.84</td>
<td>.81</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs849412</td>
<td>0.78</td>
<td>.76</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs12667819</td>
<td>0.69</td>
<td>.73</td>
</tr>
<tr>
<td><strong>PIK3R1</strong></td>
<td>1</td>
<td>rs1043526</td>
<td>3.70</td>
<td>.34</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs7713645</td>
<td>3.20</td>
<td>.27</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs40419</td>
<td>2.60</td>
<td>.25</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs1862162</td>
<td>2.20</td>
<td>.22</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs251406</td>
<td>1.95</td>
<td>.19</td>
</tr>
<tr>
<td><strong>PIK3R2</strong></td>
<td>1</td>
<td>rs1566028</td>
<td>1.94</td>
<td>.70</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs3736328</td>
<td>1.36</td>
<td>.74</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs273269</td>
<td>1.14</td>
<td>.70</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs2267922</td>
<td>1.03</td>
<td>.65</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>-------</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>rs2241089</td>
<td>0.83</td>
<td>.66</td>
</tr>
<tr>
<td>PIK3R5</td>
<td>1</td>
<td>rs7208804</td>
<td>3.49</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs436193</td>
<td>2.97</td>
<td>.33</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs411268</td>
<td>2.44</td>
<td>.30</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs408211</td>
<td>2.05</td>
<td>.28</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs726680</td>
<td>1.78</td>
<td>.25</td>
</tr>
<tr>
<td>PLAA</td>
<td>1</td>
<td>rs12003612</td>
<td>0.43</td>
<td>.92</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs7863476</td>
<td>0.27</td>
<td>.93</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs4977723</td>
<td>0.19</td>
<td>.94</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs12004732</td>
<td>0.14</td>
<td>.94</td>
</tr>
<tr>
<td>PPP1R1B</td>
<td>1</td>
<td>rs907094</td>
<td>0.69</td>
<td>.46</td>
</tr>
<tr>
<td>PREP</td>
<td>1</td>
<td>rs1149305</td>
<td>5.37</td>
<td>.06</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs1190049</td>
<td>4.07</td>
<td>.15</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs1051484</td>
<td>3.46</td>
<td>.12</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs1149320</td>
<td>2.91</td>
<td>.10</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs1028792</td>
<td>2.59</td>
<td>.08</td>
</tr>
<tr>
<td>PRKCA</td>
<td>1</td>
<td>rs9896134</td>
<td>7.48</td>
<td>.07</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs8074995</td>
<td>6.33</td>
<td>.04</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs9901261</td>
<td>5.76</td>
<td>.02</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs11871468</td>
<td>5.23</td>
<td>.01</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs7211269</td>
<td>4.74</td>
<td>.006</td>
</tr>
<tr>
<td>PTGES</td>
<td>1</td>
<td>rs4636306</td>
<td>2.94</td>
<td>.43</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs10118377</td>
<td>1.77</td>
<td>.54</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs920658</td>
<td>1.19</td>
<td>.61</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs10448290</td>
<td>0.90</td>
<td>.64</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs10739757</td>
<td>0.72</td>
<td>.64</td>
</tr>
<tr>
<td>RAB7</td>
<td>1</td>
<td>rs4333102</td>
<td>3.80</td>
<td>.38</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs9834608</td>
<td>2.45</td>
<td>.45</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs4384970</td>
<td>1.82</td>
<td>.48</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs7372263</td>
<td>1.42</td>
<td>.49</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs13081864</td>
<td>1.17</td>
<td>.48</td>
</tr>
<tr>
<td>RAF1</td>
<td>1</td>
<td>rs9809501</td>
<td>2.96</td>
<td>.47</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs5746214</td>
<td>2.19</td>
<td>.46</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs5746154</td>
<td>1.91</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>----------</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>4</td>
<td>rs1039244</td>
<td>1.56</td>
<td>.40</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs6795441</td>
<td>1.34</td>
<td>.37</td>
<td></td>
</tr>
<tr>
<td>RGS4</td>
<td>1</td>
<td>rs10759</td>
<td>2.74</td>
<td>.39</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs951439</td>
<td>1.41</td>
<td>.51</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs951437</td>
<td>0.94</td>
<td>.54</td>
</tr>
<tr>
<td>SIAT4A</td>
<td>1</td>
<td>rs7835464</td>
<td>9.06</td>
<td>.03</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs9643297</td>
<td>7.61</td>
<td>.02</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs2978012</td>
<td>6.82</td>
<td>.009</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs3758105</td>
<td>6.24</td>
<td>.005</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs1554324</td>
<td>5.63</td>
<td>.03</td>
</tr>
<tr>
<td>SLC18A1</td>
<td>1</td>
<td>rs7003858</td>
<td>1.56</td>
<td>.76</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs7820517</td>
<td>1.02</td>
<td>.81</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs7013494</td>
<td>0.81</td>
<td>.80</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs903997</td>
<td>0.68</td>
<td>.79</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs1390938</td>
<td>0.59</td>
<td>.77</td>
</tr>
<tr>
<td>SLC2A2</td>
<td>1</td>
<td>rs1499821</td>
<td>6.20</td>
<td>.10</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs5396</td>
<td>6.14</td>
<td>.04</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs9828378</td>
<td>5.71</td>
<td>.03</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs6800180</td>
<td>4.76</td>
<td>.04</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs5393</td>
<td>4.03</td>
<td>.03</td>
</tr>
<tr>
<td>SLC5A3</td>
<td>1</td>
<td>rs2244724</td>
<td>3.46</td>
<td>.14</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs2834376</td>
<td>1.96</td>
<td>.16</td>
</tr>
<tr>
<td>SLC6A11</td>
<td>1</td>
<td>rs1485142</td>
<td>2.71</td>
<td>.53</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs2697159</td>
<td>1.92</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs971930</td>
<td>1.56</td>
<td>.54</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs2655280</td>
<td>1.34</td>
<td>.49</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs2171003</td>
<td>1.17</td>
<td>.45</td>
</tr>
<tr>
<td>SLC6A3</td>
<td>1</td>
<td>rs6869645</td>
<td>1.09</td>
<td>.88</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs11133767</td>
<td>0.70</td>
<td>.91</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs464049</td>
<td>0.52</td>
<td>.92</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs37022</td>
<td>0.44</td>
<td>.91</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs463379</td>
<td>0.38</td>
<td>.90</td>
</tr>
<tr>
<td>SLC6A4</td>
<td>1</td>
<td>rs7224199</td>
<td>5.55</td>
<td>.16</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs4583306</td>
<td>3.81</td>
<td>.19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2020942</td>
<td>3.05</td>
<td>.19</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>-----------</td>
<td>------</td>
<td>-----</td>
</tr>
<tr>
<td>4</td>
<td>rs140700</td>
<td>2.43</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs2020933</td>
<td>2.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SOX10</strong></td>
<td>1</td>
<td>rs139884</td>
<td>0.00</td>
<td>&gt;.99</td>
</tr>
<tr>
<td><strong>SYT1</strong></td>
<td>1</td>
<td>rs3849228</td>
<td>4.33</td>
<td>.32</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs1358243</td>
<td>3.46</td>
<td>.27</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs7300645</td>
<td>2.99</td>
<td>.21</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs2251214</td>
<td>2.49</td>
<td>.19</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs10861941</td>
<td>2.05</td>
<td>.18</td>
</tr>
<tr>
<td><strong>TAC1</strong></td>
<td>1</td>
<td>rs1229434</td>
<td>0.38</td>
<td>.97</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs2072100</td>
<td>0.26</td>
<td>.97</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs6465606</td>
<td>0.21</td>
<td>.97</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs1397202</td>
<td>0.16</td>
<td>.97</td>
</tr>
<tr>
<td><strong>TACR1</strong></td>
<td>1</td>
<td>rs6546952</td>
<td>10.14</td>
<td>.02</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs3771809</td>
<td>7.63</td>
<td>.02</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs3755456</td>
<td>6.73</td>
<td>.009</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs4439987</td>
<td>5.90</td>
<td>.005</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs1106855</td>
<td>5.14</td>
<td>.004</td>
</tr>
<tr>
<td><strong>TBRI</strong></td>
<td>1</td>
<td>rs3769957</td>
<td>0.31</td>
<td>.97</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs1110587</td>
<td>0.16</td>
<td>.98</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs3769956</td>
<td>0.11</td>
<td>.99</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs1064576</td>
<td>0.09</td>
<td>.99</td>
</tr>
<tr>
<td><strong>TNFSF6</strong></td>
<td>1</td>
<td>rs859663</td>
<td>2.82</td>
<td>.43</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs2859234</td>
<td>1.86</td>
<td>.46</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs929087</td>
<td>1.30</td>
<td>.50</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs6700734</td>
<td>1.00</td>
<td>.50</td>
</tr>
<tr>
<td><strong>TP53</strong></td>
<td>1</td>
<td>rs8073498</td>
<td>6.65</td>
<td>.08</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs1042522</td>
<td>5.28</td>
<td>.05</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs2909430</td>
<td>4.28</td>
<td>.045</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>rs12951053</td>
<td>3.43</td>
<td>.04</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>rs2287499</td>
<td>2.87</td>
<td>.04</td>
</tr>
<tr>
<td><strong>TPH1</strong></td>
<td>1</td>
<td>rs623580</td>
<td>2.76</td>
<td>.40</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>rs10488682</td>
<td>2.42</td>
<td>.36</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>rs10488683</td>
<td>1.88</td>
<td>.37</td>
</tr>
<tr>
<td></td>
<td>SNP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>--------------</td>
<td>-----</td>
<td>-----</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rs2056246</td>
<td>1.50</td>
<td>.38</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>rs1800532</td>
<td>1.28</td>
<td>.37</td>
<td></td>
</tr>
</tbody>
</table>

**TPH2**

<table>
<thead>
<tr>
<th></th>
<th>SNP</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>rs1872824</td>
<td>2.67</td>
<td>.51</td>
</tr>
<tr>
<td>2</td>
<td>rs1386494</td>
<td>1.96</td>
<td>.52</td>
</tr>
<tr>
<td>3</td>
<td>rs9325202</td>
<td>1.60</td>
<td>.50</td>
</tr>
<tr>
<td>4</td>
<td>rs3935748</td>
<td>1.41</td>
<td>.45</td>
</tr>
<tr>
<td>5</td>
<td>rs10506645</td>
<td>1.23</td>
<td>.41</td>
</tr>
</tbody>
</table>

**WISP1**

<table>
<thead>
<tr>
<th></th>
<th>SNP</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>rs2977530</td>
<td>5.24</td>
<td>.12</td>
</tr>
<tr>
<td>2</td>
<td>rs2977549</td>
<td>4.13</td>
<td>.10</td>
</tr>
<tr>
<td>3</td>
<td>rs2929934</td>
<td>3.62</td>
<td>.08</td>
</tr>
<tr>
<td>4</td>
<td>rs2929986</td>
<td>3.24</td>
<td>.06</td>
</tr>
<tr>
<td>5</td>
<td>rs3739261</td>
<td>2.85</td>
<td>.05</td>
</tr>
</tbody>
</table>

**WNT7A**

<table>
<thead>
<tr>
<th></th>
<th>SNP</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>rs1077524</td>
<td>2.92</td>
<td>.44</td>
</tr>
<tr>
<td>2</td>
<td>rs7624679</td>
<td>2.02</td>
<td>.48</td>
</tr>
<tr>
<td>3</td>
<td>rs1433354</td>
<td>1.56</td>
<td>.48</td>
</tr>
<tr>
<td>4</td>
<td>rs9849631</td>
<td>1.33</td>
<td>.45</td>
</tr>
<tr>
<td>5</td>
<td>rs4340685</td>
<td>1.11</td>
<td>.44</td>
</tr>
</tbody>
</table>

**Abbreviations:** GABA, GABA, γ-aminobutyric acid; SNP, single-nucleotide polymorphism.
<table>
<thead>
<tr>
<th>Gene ID</th>
<th>Chr</th>
<th>SNP</th>
<th>Allele 1:2</th>
<th>TDT Ratio</th>
<th>Odds Ratio</th>
<th>$\chi^2$ Test (TDT)</th>
<th>$P$ Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Asymptotic</td>
<td>Empirical</td>
</tr>
<tr>
<td>PIK3CD</td>
<td>1</td>
<td>rs4129341</td>
<td>C:A</td>
<td>118:103</td>
<td>1.15</td>
<td>1.02</td>
<td>.31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6540991</td>
<td>C:T</td>
<td>165:161</td>
<td>1.02</td>
<td>0.05</td>
<td>.82</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>rs11802023</td>
<td>A:G</td>
<td>37:46</td>
<td>0.80</td>
<td>0.98</td>
<td>.32</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs9430635</td>
<td>C:G</td>
<td>194:192</td>
<td>1.01</td>
<td>0.01</td>
<td>.92</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs12075554</td>
<td>T:C</td>
<td>59:58</td>
<td>1.02</td>
<td>0.01</td>
<td>.93</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6541017</td>
<td>C:T</td>
<td>70:81</td>
<td>0.86</td>
<td>0.80</td>
<td>.37</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs9430220</td>
<td>C:T</td>
<td>111:121</td>
<td>0.92</td>
<td>0.43</td>
<td>.51</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1135427</td>
<td>G:T</td>
<td>170:184</td>
<td>0.92</td>
<td>0.55</td>
<td>.46</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs10779729</td>
<td>A:G</td>
<td>163:172</td>
<td>0.95</td>
<td>0.24</td>
<td>.62</td>
</tr>
<tr>
<td>HDAC1</td>
<td>1</td>
<td>rs1741981</td>
<td>C:T</td>
<td>169:162</td>
<td>1.04</td>
<td>0.15</td>
<td>.70</td>
</tr>
<tr>
<td>NGFB</td>
<td>1</td>
<td>rs3014804</td>
<td>C:T</td>
<td>50:57</td>
<td>0.88</td>
<td>0.46</td>
<td>.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6330</td>
<td>T:C</td>
<td>183:187</td>
<td>0.98</td>
<td>0.04</td>
<td>.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6328</td>
<td>T:G</td>
<td>173:168</td>
<td>1.03</td>
<td>0.07</td>
<td>.79</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2268793</td>
<td>A:G</td>
<td>49:53</td>
<td>0.92</td>
<td>0.16</td>
<td>.69</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2268792</td>
<td>C:G</td>
<td>36:33</td>
<td>1.09</td>
<td>0.13</td>
<td>.72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2239622</td>
<td>T:C</td>
<td>161:138</td>
<td>1.17</td>
<td>1.77</td>
<td>.18</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2856813</td>
<td>C:T</td>
<td>192:170</td>
<td>1.13</td>
<td>1.34</td>
<td>.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4076194</td>
<td>A:C</td>
<td>107:109</td>
<td>0.98</td>
<td>0.02</td>
<td>.89</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4565713</td>
<td>G:A</td>
<td>157:140</td>
<td>1.12</td>
<td>0.97</td>
<td>.32</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs10776799</td>
<td>G:T</td>
<td>105:104</td>
<td>1.01</td>
<td>0.00</td>
<td>.94</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4320778</td>
<td>T:C</td>
<td>103:113</td>
<td>0.91</td>
<td>0.46</td>
<td>.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4332358</td>
<td>T:C</td>
<td>133:131</td>
<td>1.02</td>
<td>0.02</td>
<td>.90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6673867</td>
<td>C:A</td>
<td>183:159</td>
<td>1.15</td>
<td>1.68</td>
<td>.19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11102930</td>
<td>G:A</td>
<td>188:155</td>
<td>1.21</td>
<td>3.18</td>
<td>.07</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3811014</td>
<td>C:T</td>
<td>140:102</td>
<td>1.37</td>
<td>5.97</td>
<td>.01</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4310443</td>
<td>A:G</td>
<td>139:149</td>
<td>0.93</td>
<td>0.35</td>
<td>.56</td>
</tr>
<tr>
<td>RGS4</td>
<td>1</td>
<td>rs951437</td>
<td>T:C</td>
<td>163:161</td>
<td>1.01</td>
<td>0.01</td>
<td>.91</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs951439</td>
<td>T:C</td>
<td>162:157</td>
<td>1.03</td>
<td>0.08</td>
<td>.78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs10759</td>
<td>T:G</td>
<td>179:149</td>
<td>1.20</td>
<td>2.74</td>
<td>.10</td>
</tr>
<tr>
<td>TNFSF6</td>
<td>1</td>
<td>rs2859234</td>
<td>A:G</td>
<td>169:187</td>
<td>0.90</td>
<td>0.91</td>
<td>.34</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>rs6700734</td>
<td>C:T</td>
<td>152:147</td>
<td>1.03</td>
<td>0.08</td>
<td>.77</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs929087</td>
<td>A:G</td>
<td>179:171</td>
<td>1.05</td>
<td>0.18</td>
<td>.67</td>
<td>.71</td>
<td></td>
</tr>
<tr>
<td>rs859663</td>
<td>A:C</td>
<td>81:61</td>
<td>1.33</td>
<td>2.82</td>
<td>.09</td>
<td>.12</td>
<td></td>
</tr>
</tbody>
</table>

**GLUL**

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>rs1058111</td>
<td>T:C</td>
<td>171:167</td>
<td>1.02</td>
<td>0.05</td>
<td>.83</td>
<td>.86</td>
</tr>
<tr>
<td>rs3895340</td>
<td>T:G</td>
<td>170:163</td>
<td>1.04</td>
<td>0.15</td>
<td>.70</td>
<td>.75</td>
</tr>
<tr>
<td>rs912900</td>
<td>A:G</td>
<td>122:117</td>
<td>1.04</td>
<td>0.10</td>
<td>.75</td>
<td>.75</td>
</tr>
<tr>
<td>rs4652707</td>
<td>A:G</td>
<td>117:113</td>
<td>1.04</td>
<td>0.07</td>
<td>.79</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1001403</td>
<td>G:C</td>
<td>145:140</td>
<td>1.04</td>
<td>0.09</td>
<td>.77</td>
<td>&gt;.99</td>
</tr>
</tbody>
</table>

**PIK3C2B**

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>rs12061474</td>
<td>T:C</td>
<td>82:75</td>
<td>1.09</td>
<td>0.31</td>
<td>.58</td>
<td>.54</td>
</tr>
<tr>
<td>rs4951373</td>
<td>A:G</td>
<td>71:91</td>
<td>0.78</td>
<td>2.47</td>
<td>.12</td>
<td>.055</td>
</tr>
<tr>
<td>rs7339934</td>
<td>T:C</td>
<td>76:57</td>
<td>1.33</td>
<td>2.71</td>
<td>.10</td>
<td>.13</td>
</tr>
<tr>
<td>rs2271424</td>
<td>G:A</td>
<td>108:116</td>
<td>0.93</td>
<td>0.29</td>
<td>.59</td>
<td>.86</td>
</tr>
<tr>
<td>rs3747636</td>
<td>C:T</td>
<td>129:134</td>
<td>0.96</td>
<td>0.10</td>
<td>.76</td>
<td>.59</td>
</tr>
<tr>
<td>rs2271415</td>
<td>A:C</td>
<td>116:119</td>
<td>0.97</td>
<td>0.04</td>
<td>.84</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs6594014</td>
<td>A:G</td>
<td>174:187</td>
<td>0.93</td>
<td>0.47</td>
<td>.49</td>
<td>.44</td>
</tr>
<tr>
<td>rs10494852</td>
<td>C:T</td>
<td>162:152</td>
<td>1.07</td>
<td>0.32</td>
<td>.57</td>
<td>.54</td>
</tr>
</tbody>
</table>

**ATF3**

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>rs3795837</td>
<td>G:T</td>
<td>83:74</td>
<td>1.12</td>
<td>0.52</td>
<td>.47</td>
<td>.75</td>
</tr>
<tr>
<td>rs3125296</td>
<td>T:C</td>
<td>148:135</td>
<td>1.10</td>
<td>0.60</td>
<td>.44</td>
<td>.86</td>
</tr>
<tr>
<td>rs10735510</td>
<td>G:C</td>
<td>199:177</td>
<td>1.12</td>
<td>1.29</td>
<td>.26</td>
<td>.37</td>
</tr>
<tr>
<td>rs4951629</td>
<td>G:A</td>
<td>31:46</td>
<td>0.67</td>
<td>2.92</td>
<td>.09</td>
<td>.09</td>
</tr>
<tr>
<td>rs3123543</td>
<td>A:G</td>
<td>132:134</td>
<td>0.99</td>
<td>0.02</td>
<td>.90</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1126526</td>
<td>A:G</td>
<td>104:100</td>
<td>1.04</td>
<td>0.08</td>
<td>.78</td>
<td>.86</td>
</tr>
<tr>
<td>rs3122712</td>
<td>C:T</td>
<td>159:165</td>
<td>0.96</td>
<td>0.11</td>
<td>.74</td>
<td>&gt;.99</td>
</tr>
</tbody>
</table>

**DISC1**

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>rs823162</td>
<td>G:A</td>
<td>50:62</td>
<td>0.81</td>
<td>1.29</td>
<td>.26</td>
<td>.25</td>
</tr>
<tr>
<td>rs980394</td>
<td>T:C</td>
<td>156:140</td>
<td>1.11</td>
<td>0.86</td>
<td>.35</td>
<td>.32</td>
</tr>
<tr>
<td>rs12084975</td>
<td>C:T</td>
<td>41:49</td>
<td>0.84</td>
<td>0.71</td>
<td>.40</td>
<td>.43</td>
</tr>
<tr>
<td>rs4658933</td>
<td>C:T</td>
<td>96:111</td>
<td>0.86</td>
<td>1.09</td>
<td>.30</td>
<td>.37</td>
</tr>
<tr>
<td>rs4366301</td>
<td>C:G</td>
<td>178:172</td>
<td>1.04</td>
<td>0.10</td>
<td>.75</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs6541281</td>
<td>T:C</td>
<td>190:194</td>
<td>0.98</td>
<td>0.04</td>
<td>.84</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1417584</td>
<td>C:T</td>
<td>169:173</td>
<td>0.98</td>
<td>0.05</td>
<td>.83</td>
<td>.86</td>
</tr>
<tr>
<td>rs12045248</td>
<td>G:A</td>
<td>160:156</td>
<td>1.03</td>
<td>0.05</td>
<td>.82</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1934909</td>
<td>A:G</td>
<td>89:115</td>
<td>0.77</td>
<td>3.31</td>
<td>.07</td>
<td>.06</td>
</tr>
<tr>
<td>rs10495308</td>
<td>A:G</td>
<td>113:132</td>
<td>0.86</td>
<td>1.47</td>
<td>.22</td>
<td>.30</td>
</tr>
<tr>
<td>rs2793091</td>
<td>A:G</td>
<td>179:155</td>
<td>1.16</td>
<td>1.73</td>
<td>.19</td>
<td>.19</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th>rs</th>
<th>Change</th>
<th>Chr:Pos</th>
<th>Minor Allele</th>
<th>Minor Allele Allele Frequency</th>
<th>Major Allele Allele Frequency</th>
<th>rsID</th>
<th>rsID</th>
</tr>
</thead>
<tbody>
<tr>
<td>2793085</td>
<td>C:G</td>
<td>74:79</td>
<td>0.94</td>
<td>0.16</td>
<td>.69</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>2492367</td>
<td>A:G</td>
<td>86:79</td>
<td>1.09</td>
<td>0.30</td>
<td>.59</td>
<td>.65</td>
<td></td>
</tr>
<tr>
<td>10495310</td>
<td>C:A</td>
<td>75:75</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>11590192</td>
<td>G:A</td>
<td>211:204</td>
<td>1.03</td>
<td>0.12</td>
<td>.73</td>
<td>.63</td>
<td></td>
</tr>
<tr>
<td>1322783</td>
<td>T:C</td>
<td>90:101</td>
<td>0.89</td>
<td>0.63</td>
<td>.43</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td>1998406</td>
<td>G:A</td>
<td>134:161</td>
<td>0.83</td>
<td>2.47</td>
<td>.12</td>
<td>.13</td>
<td></td>
</tr>
<tr>
<td>9432010</td>
<td>C:T</td>
<td>64:79</td>
<td>0.81</td>
<td>1.57</td>
<td>.21</td>
<td>.20</td>
<td></td>
</tr>
<tr>
<td>2738875</td>
<td>A:C</td>
<td>75:83</td>
<td>0.90</td>
<td>0.41</td>
<td>.52</td>
<td>.59</td>
<td></td>
</tr>
<tr>
<td>967244</td>
<td>C:T</td>
<td>119:111</td>
<td>1.07</td>
<td>0.28</td>
<td>.60</td>
<td>.71</td>
<td></td>
</tr>
<tr>
<td>2759346</td>
<td>T:C</td>
<td>164:195</td>
<td>0.84</td>
<td>2.68</td>
<td>.10</td>
<td>.13</td>
<td></td>
</tr>
<tr>
<td>2738877</td>
<td>A:C</td>
<td>154:182</td>
<td>0.85</td>
<td>2.33</td>
<td>.13</td>
<td>.09</td>
<td></td>
</tr>
<tr>
<td>6672782</td>
<td>G:C</td>
<td>91:98</td>
<td>0.93</td>
<td>0.26</td>
<td>.61</td>
<td>.45</td>
<td></td>
</tr>
<tr>
<td>2295959</td>
<td>T:C</td>
<td>36:38</td>
<td>0.95</td>
<td>0.05</td>
<td>.82</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>2759329</td>
<td>G:A</td>
<td>175:184</td>
<td>0.95</td>
<td>0.23</td>
<td>.63</td>
<td>.58</td>
<td></td>
</tr>
<tr>
<td>1000731</td>
<td>T:C</td>
<td>132:130</td>
<td>1.02</td>
<td>0.02</td>
<td>.90</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>6667141</td>
<td>A:C</td>
<td>156:159</td>
<td>0.98</td>
<td>0.03</td>
<td>.87</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>7551537</td>
<td>T:C</td>
<td>162:162</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>11122348</td>
<td>A:G</td>
<td>118:107</td>
<td>1.10</td>
<td>0.54</td>
<td>.46</td>
<td>.48</td>
<td></td>
</tr>
<tr>
<td>1079344</td>
<td>A:G</td>
<td>170:167</td>
<td>1.02</td>
<td>0.03</td>
<td>.87</td>
<td>.80</td>
<td></td>
</tr>
<tr>
<td>734551</td>
<td>T:C</td>
<td>178:193</td>
<td>0.92</td>
<td>0.61</td>
<td>.44</td>
<td>.39</td>
<td></td>
</tr>
<tr>
<td>3081</td>
<td>C:G</td>
<td>37:45</td>
<td>0.82</td>
<td>0.78</td>
<td>.38</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>1015101</td>
<td>G:A</td>
<td>151:188</td>
<td>0.80</td>
<td>4.04</td>
<td>.04</td>
<td>.06</td>
<td></td>
</tr>
<tr>
<td>11122362</td>
<td>A:G</td>
<td>84:71</td>
<td>1.18</td>
<td>1.09</td>
<td>.30</td>
<td>.34</td>
<td></td>
</tr>
<tr>
<td>1322785</td>
<td>C:T</td>
<td>83:86</td>
<td>0.97</td>
<td>0.05</td>
<td>.82</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>1407599</td>
<td>T:G</td>
<td>150:166</td>
<td>0.90</td>
<td>0.81</td>
<td>.37</td>
<td>.48</td>
<td></td>
</tr>
<tr>
<td>967433</td>
<td>T:C</td>
<td>186:179</td>
<td>1.04</td>
<td>0.13</td>
<td>.71</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>1577215</td>
<td>G:C</td>
<td>83:53</td>
<td>1.57</td>
<td>6.62</td>
<td>.01</td>
<td>.01</td>
<td></td>
</tr>
<tr>
<td>10864702</td>
<td>G:A</td>
<td>97:67</td>
<td>1.45</td>
<td>5.49</td>
<td>.02</td>
<td>.01</td>
<td></td>
</tr>
<tr>
<td>2038636</td>
<td>C:T</td>
<td>182:167</td>
<td>1.09</td>
<td>0.64</td>
<td>.42</td>
<td>.50</td>
<td></td>
</tr>
<tr>
<td>2356710</td>
<td>A:G</td>
<td>120:125</td>
<td>0.96</td>
<td>0.10</td>
<td>.75</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>701158</td>
<td>G:A</td>
<td>174:177</td>
<td>0.98</td>
<td>0.03</td>
<td>.87</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>821581</td>
<td>G:A</td>
<td>130:133</td>
<td>0.98</td>
<td>0.03</td>
<td>.85</td>
<td>.80</td>
<td></td>
</tr>
<tr>
<td>9431732</td>
<td>G:A</td>
<td>52:51</td>
<td>1.02</td>
<td>0.01</td>
<td>.92</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>2772122</td>
<td>C:T</td>
<td>134:138</td>
<td>0.97</td>
<td>0.06</td>
<td>.81</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>rs12066297</td>
<td>C:G</td>
<td>34:42</td>
<td>0.81</td>
<td>0.84</td>
<td>.36</td>
<td>.37</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
<td>------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>rs843979</td>
<td>C:G</td>
<td>155:172</td>
<td>0.90</td>
<td>0.88</td>
<td>.35</td>
<td>.46</td>
<td></td>
</tr>
<tr>
<td>rs821615</td>
<td>G:A</td>
<td>138:149</td>
<td>0.93</td>
<td>0.42</td>
<td>.52</td>
<td>.63</td>
<td></td>
</tr>
<tr>
<td>rs821631</td>
<td>G:A</td>
<td>176:195</td>
<td>0.90</td>
<td>0.97</td>
<td>.32</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td>rs821639</td>
<td>C:T</td>
<td>162:159</td>
<td>1.02</td>
<td>0.03</td>
<td>.87</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs3524</td>
<td>G:A</td>
<td>176:194</td>
<td>0.91</td>
<td>0.88</td>
<td>.35</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td>rs1160491</td>
<td>A:T</td>
<td>174:182</td>
<td>0.96</td>
<td>0.18</td>
<td>.67</td>
<td>.71</td>
<td></td>
</tr>
<tr>
<td>rs9726024</td>
<td>A:G</td>
<td>159:179</td>
<td>0.89</td>
<td>1.18</td>
<td>.28</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td>rs1411771</td>
<td>C:T</td>
<td>158:195</td>
<td>1.01</td>
<td>0.00</td>
<td>.96</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>rs821631</td>
<td>G:A</td>
<td>176:195</td>
<td>0.90</td>
<td>0.97</td>
<td>.32</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td>rs821639</td>
<td>C:T</td>
<td>162:159</td>
<td>1.02</td>
<td>0.03</td>
<td>.87</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs3524</td>
<td>G:A</td>
<td>176:194</td>
<td>0.91</td>
<td>0.88</td>
<td>.35</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td>rs1160491</td>
<td>A:T</td>
<td>174:182</td>
<td>0.96</td>
<td>0.18</td>
<td>.67</td>
<td>.71</td>
<td></td>
</tr>
<tr>
<td>rs9726024</td>
<td>A:G</td>
<td>159:179</td>
<td>0.89</td>
<td>1.18</td>
<td>.28</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td>rs1411771</td>
<td>C:T</td>
<td>158:195</td>
<td>1.01</td>
<td>0.00</td>
<td>.96</td>
<td>&gt;.99</td>
<td></td>
</tr>
</tbody>
</table>

**TACR1**

<p>| rs713082 | C:T | 177:191 | 0.93  | 0.53  | .47  | .46  |
| rs1106855 | T:C | 148:174 | 0.85  | 2.10  | .15  | .17  |
| rs4439987 | C:T | 172:208 | 0.83  | 3.41  | .06  | .06  |
| rs3755456 | G:A | 113:82 | 1.38  | 4.93  | .03  | .02  |
| rs3771809 | G:A | 116:84 | 1.38  | 5.12  | .02  | .02  |
| rs3771811 | A:G | 79:73  | 1.08  | 0.24  | .63  | .86  |
| rs3755459 | A:G | 186:178 | 1.04  | 0.18  | .68  | .75  |
| rs3755463 | G:A | 167:165 | 1.01  | 0.01  | .91  | &gt;.99 |
| rs3771817 | C:T | 60:72  | 0.83  | 1.09  | .30  | .34  |
| rs3771823 | A:G | 177:185 | 0.96  | 0.18  | .67  | .75  |
| rs3771825 | A:G | 63:79  | 0.80  | 1.80  | .18  | .20  |
| rs10208860 | T:G | 179:191 | 0.94  | 0.39  | .53  | .62  |
| rs3771836 | T:G | 200:198 | 1.01  | 0.01  | .92  | &gt;.99 |
| rs3821318 | A:G | 183:201 | 0.91  | 0.84  | .36  | .43  |
| rs17010840 | A:G | 69:83  | 0.83  | 1.29  | .26  | .32  |
| rs2216307 | A:G | 174:165 | 1.06  | 0.24  | .63  | .86  |
| rs3686     | T:C | 67:57  | 1.18  | 0.81  | .37  | .44  |
| rs3771848 | G:T | 40:42  | 0.95  | 0.05  | .83  | &gt;.99 |
| rs10865408 | G:T | 130:131 | 0.99  | 0.00  | .95  | &gt;.99 |
| rs6709528  | G:A | 180:193 | 0.93  | 0.45  | .50  | &gt;.99 |
| rs4853117  | G:C | 155:144 | 1.08  | 0.40  | .52  | .56  |
| rs3771859 | C:T | 120:119 | 1.01  | 0.00  | .95  | &gt;.99 |
| rs3771863 | A:G | 113:107 | 1.06  | 0.16  | .69  | .80  |
| rs6715729  | G:A | 178:158 | 1.13  | 1.19  | .28  | .25  |</p>
<table>
<thead>
<tr>
<th>Gene</th>
<th>rs2111375</th>
<th>T:C</th>
<th>142:143</th>
<th>0.99</th>
<th>0.00</th>
<th>.95</th>
<th>&gt;.99</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>rs1477157</td>
<td>G:A</td>
<td>179:163</td>
<td>1.10</td>
<td>0.75</td>
<td>.39</td>
<td>.34</td>
</tr>
<tr>
<td>qc 2</td>
<td>rs1434199</td>
<td>C:G</td>
<td>203:194</td>
<td>1.05</td>
<td>0.20</td>
<td>.65</td>
<td>.75</td>
</tr>
<tr>
<td>MAP3K2 2</td>
<td>rs1129106</td>
<td>A:G</td>
<td>140:135</td>
<td>1.04</td>
<td>0.09</td>
<td>.76</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs7590892</td>
<td>T:C</td>
<td>157:173</td>
<td>0.91</td>
<td>0.78</td>
<td>.38</td>
<td>.52</td>
</tr>
<tr>
<td></td>
<td>rs3732209</td>
<td>G:A</td>
<td>159:178</td>
<td>0.89</td>
<td>1.07</td>
<td>.30</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td>rs6737103</td>
<td>T:G</td>
<td>40:31</td>
<td>1.29</td>
<td>1.14</td>
<td>.29</td>
<td>.52</td>
</tr>
<tr>
<td></td>
<td>rs6732279</td>
<td>A:C</td>
<td>154:167</td>
<td>0.92</td>
<td>0.53</td>
<td>.47</td>
<td>.46</td>
</tr>
<tr>
<td>TBR1 2</td>
<td>rs3769957</td>
<td>A:T</td>
<td>164:154</td>
<td>1.06</td>
<td>0.31</td>
<td>.58</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs1110587</td>
<td>T:C</td>
<td>50:51</td>
<td>0.98</td>
<td>0.01</td>
<td>.92</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>rs1064576</td>
<td>A:G</td>
<td>55:54</td>
<td>1.02</td>
<td>0.01</td>
<td>.92</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs3769956</td>
<td>A:G</td>
<td>51:52</td>
<td>0.98</td>
<td>0.01</td>
<td>.92</td>
<td>.86</td>
</tr>
<tr>
<td>GAD1 2</td>
<td>rs10803852</td>
<td>T:C</td>
<td>49:46</td>
<td>1.06</td>
<td>0.09</td>
<td>.76</td>
<td>.71</td>
</tr>
<tr>
<td></td>
<td>rs6755814</td>
<td>C:A</td>
<td>186:204</td>
<td>0.91</td>
<td>0.83</td>
<td>.36</td>
<td>.37</td>
</tr>
<tr>
<td></td>
<td>rs1978340</td>
<td>T:C</td>
<td>164:179</td>
<td>0.92</td>
<td>0.66</td>
<td>.42</td>
<td>.71</td>
</tr>
<tr>
<td></td>
<td>rs872123</td>
<td>G:A</td>
<td>142:139</td>
<td>1.02</td>
<td>0.03</td>
<td>.86</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs3791878</td>
<td>A:C</td>
<td>164:173</td>
<td>0.95</td>
<td>0.24</td>
<td>.62</td>
<td>.65</td>
</tr>
<tr>
<td></td>
<td>rs2241165</td>
<td>C:T</td>
<td>139:141</td>
<td>0.99</td>
<td>0.01</td>
<td>.90</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs3828275</td>
<td>A:G</td>
<td>187:190</td>
<td>0.98</td>
<td>0.02</td>
<td>.88</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs2058725</td>
<td>G:A</td>
<td>131:146</td>
<td>0.90</td>
<td>0.81</td>
<td>.37</td>
<td>.40</td>
</tr>
<tr>
<td></td>
<td>rs7578661</td>
<td>G:C</td>
<td>163:150</td>
<td>1.09</td>
<td>0.54</td>
<td>.46</td>
<td>.65</td>
</tr>
<tr>
<td></td>
<td>rs4297845</td>
<td>A:G</td>
<td>203:173</td>
<td>1.17</td>
<td>2.39</td>
<td>.12</td>
<td>.17</td>
</tr>
<tr>
<td>INPP1 2</td>
<td>rs3791809</td>
<td>G:A</td>
<td>157:174</td>
<td>0.90</td>
<td>0.87</td>
<td>.35</td>
<td>.39</td>
</tr>
<tr>
<td></td>
<td>rs4274625</td>
<td>G:A</td>
<td>36:45</td>
<td>0.80</td>
<td>1.00</td>
<td>.32</td>
<td>.42</td>
</tr>
<tr>
<td></td>
<td>rs2016037</td>
<td>T:C</td>
<td>132:143</td>
<td>0.92</td>
<td>0.44</td>
<td>.51</td>
<td>.63</td>
</tr>
<tr>
<td></td>
<td>rs3791816</td>
<td>C:A</td>
<td>136:157</td>
<td>0.87</td>
<td>1.51</td>
<td>.22</td>
<td>.16</td>
</tr>
<tr>
<td></td>
<td>rs2067402</td>
<td>C:A</td>
<td>130:142</td>
<td>0.92</td>
<td>0.53</td>
<td>.47</td>
<td>.63</td>
</tr>
<tr>
<td></td>
<td>rs4656</td>
<td>A:C</td>
<td>135:155</td>
<td>0.87</td>
<td>1.38</td>
<td>.24</td>
<td>.18</td>
</tr>
<tr>
<td></td>
<td>rs10931450</td>
<td>T:C</td>
<td>129:140</td>
<td>0.92</td>
<td>0.45</td>
<td>.50</td>
<td>.63</td>
</tr>
<tr>
<td></td>
<td>rs1108939</td>
<td>T:G</td>
<td>88:79</td>
<td>1.11</td>
<td>0.49</td>
<td>.49</td>
<td>.42</td>
</tr>
<tr>
<td></td>
<td>rs1882891</td>
<td>A:C</td>
<td>104:86</td>
<td>1.21</td>
<td>1.71</td>
<td>.19</td>
<td>.17</td>
</tr>
<tr>
<td></td>
<td>rs2736619</td>
<td>A:G</td>
<td>106:87</td>
<td>1.22</td>
<td>1.87</td>
<td>.17</td>
<td>.17</td>
</tr>
<tr>
<td></td>
<td>rs1866852</td>
<td>C:T</td>
<td>188:182</td>
<td>1.03</td>
<td>0.10</td>
<td>.76</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>CREB1 2</td>
<td>rs2551639</td>
<td>G:A</td>
<td>122:123</td>
<td>0.99</td>
<td>0.00</td>
<td>.95</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2551640</td>
<td>C:T</td>
<td>166:154</td>
<td>1.08</td>
<td>0.45</td>
<td>.50</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>rs1045780</td>
<td>A:G</td>
<td>122:123</td>
<td>0.99</td>
<td>0.00</td>
<td>.95</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>rs6785</td>
<td>A:G</td>
<td>122:122</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>FZD5</td>
<td>2</td>
<td>rs9784133</td>
<td>C:T</td>
<td>197:178</td>
<td>1.11</td>
<td>0.96</td>
<td>.33</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6755821</td>
<td>A:G</td>
<td>44:52</td>
<td>0.85</td>
<td>0.67</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3731568</td>
<td>C:A</td>
<td>172:181</td>
<td>0.95</td>
<td>0.23</td>
<td>.63</td>
</tr>
<tr>
<td>MAP2</td>
<td>2</td>
<td>rs6733319</td>
<td>G:A</td>
<td>139:14</td>
<td>1.00</td>
<td>0.01</td>
<td>.90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11687764</td>
<td>G:A</td>
<td>35:37</td>
<td>0.95</td>
<td>0.06</td>
<td>.81</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs741007</td>
<td>A:G</td>
<td>57:65</td>
<td>0.88</td>
<td>0.52</td>
<td>.47</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs741006</td>
<td>T:C</td>
<td>40:42</td>
<td>0.95</td>
<td>0.05</td>
<td>.83</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2239672</td>
<td>A:C</td>
<td>192:197</td>
<td>0.97</td>
<td>0.05</td>
<td>.82</td>
</tr>
<tr>
<td>HDAC4</td>
<td>2</td>
<td>rs1055333</td>
<td>C:G</td>
<td>120:120</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4852013</td>
<td>A:G</td>
<td>92:84</td>
<td>1.10</td>
<td>0.36</td>
<td>.55</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791370</td>
<td>C:T</td>
<td>202:199</td>
<td>1.02</td>
<td>0.02</td>
<td>.88</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1063639</td>
<td>A:G</td>
<td>185:211</td>
<td>0.88</td>
<td>1.71</td>
<td>.19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791373</td>
<td>G:A</td>
<td>192:197</td>
<td>0.97</td>
<td>0.06</td>
<td>.80</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs12233096</td>
<td>A:T</td>
<td>153:153</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2291188</td>
<td>G:C</td>
<td>123:120</td>
<td>1.02</td>
<td>0.04</td>
<td>.85</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4852019</td>
<td>T:C</td>
<td>173:167</td>
<td>1.04</td>
<td>0.11</td>
<td>.74</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791399</td>
<td>G:C</td>
<td>170:180</td>
<td>0.94</td>
<td>0.29</td>
<td>.59</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791406</td>
<td>G:A</td>
<td>195:184</td>
<td>1.06</td>
<td>0.32</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791423</td>
<td>T:C</td>
<td>85:81</td>
<td>1.05</td>
<td>0.10</td>
<td>.76</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791428</td>
<td>C:T</td>
<td>103:122</td>
<td>0.84</td>
<td>1.60</td>
<td>.21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791446</td>
<td>C:T</td>
<td>64:65</td>
<td>0.98</td>
<td>0.01</td>
<td>.93</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2898716</td>
<td>A:G</td>
<td>158:146</td>
<td>1.08</td>
<td>0.47</td>
<td>.49</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2121980</td>
<td>A:G</td>
<td>187:168</td>
<td>1.11</td>
<td>1.02</td>
<td>.31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791474</td>
<td>T:C</td>
<td>152:152</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791500</td>
<td>C:T</td>
<td>177:202</td>
<td>0.88</td>
<td>1.65</td>
<td>.20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791507</td>
<td>A:G</td>
<td>74:66</td>
<td>1.12</td>
<td>0.46</td>
<td>.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791517</td>
<td>G:A</td>
<td>166:188</td>
<td>0.88</td>
<td>1.37</td>
<td>.24</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3791523</td>
<td>T:C</td>
<td>106:130</td>
<td>0.82</td>
<td>2.44</td>
<td>.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs489806</td>
<td>G:T</td>
<td>189:211</td>
<td>0.90</td>
<td>1.21</td>
<td>.27</td>
</tr>
<tr>
<td>rs</td>
<td>SNP</td>
<td>Allele 1</td>
<td>Allele 2</td>
<td>Minor Allele Freq</td>
<td>Maj Allele Freq</td>
<td>Minor Allele Assoc</td>
<td>Maj Allele Assoc</td>
</tr>
<tr>
<td>--------</td>
<td>-------</td>
<td>----------</td>
<td>----------</td>
<td>-------------------</td>
<td>-----------------</td>
<td>-------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>rs843469</td>
<td>G:A</td>
<td>96:114</td>
<td></td>
<td>0.84</td>
<td>1.54</td>
<td>.21</td>
<td>.17</td>
</tr>
<tr>
<td>rs1962113</td>
<td>G:T</td>
<td>154:157</td>
<td></td>
<td>0.98</td>
<td>0.03</td>
<td>.86</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs3791549</td>
<td>A:G</td>
<td>108:116</td>
<td></td>
<td>0.93</td>
<td>0.29</td>
<td>.59</td>
<td>.62</td>
</tr>
<tr>
<td>rs753302</td>
<td>G:A</td>
<td>98:109</td>
<td></td>
<td>0.90</td>
<td>0.58</td>
<td>.44</td>
<td>.32</td>
</tr>
<tr>
<td>rs1161474</td>
<td>G:A</td>
<td>201:185</td>
<td></td>
<td>1.09</td>
<td>0.66</td>
<td>.42</td>
<td>.50</td>
</tr>
<tr>
<td>rs3791601</td>
<td>C:T</td>
<td>85:85</td>
<td></td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs615994</td>
<td>A:G</td>
<td>60:72</td>
<td></td>
<td>0.83</td>
<td>1.09</td>
<td>.30</td>
<td>.28</td>
</tr>
<tr>
<td>rs291329</td>
<td>T:C</td>
<td>189:184</td>
<td></td>
<td>1.03</td>
<td>0.07</td>
<td>.80</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs291333</td>
<td>A:C</td>
<td>167:166</td>
<td></td>
<td>1.01</td>
<td>0.00</td>
<td>.96</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1015458</td>
<td>G:A</td>
<td>64:59</td>
<td></td>
<td>1.08</td>
<td>0.20</td>
<td>.65</td>
<td>.86</td>
</tr>
<tr>
<td>rs7573680</td>
<td>G:A</td>
<td>148:142</td>
<td></td>
<td>1.04</td>
<td>0.12</td>
<td>.72</td>
<td>.86</td>
</tr>
<tr>
<td>rs7595357</td>
<td>T:G</td>
<td>100:100</td>
<td></td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs10208713</td>
<td>T:C</td>
<td>125:133</td>
<td></td>
<td>0.94</td>
<td>0.25</td>
<td>.62</td>
<td>.80</td>
</tr>
<tr>
<td>rs6705378</td>
<td>C:T</td>
<td>167:168</td>
<td></td>
<td>0.99</td>
<td>0.00</td>
<td>.96</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2048765</td>
<td>C:T</td>
<td>41:42</td>
<td></td>
<td>0.98</td>
<td>0.01</td>
<td>.91</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs908262</td>
<td>T:G</td>
<td>121:127</td>
<td></td>
<td>0.95</td>
<td>0.15</td>
<td>.70</td>
<td>.86</td>
</tr>
<tr>
<td>rs6543523</td>
<td>C:T</td>
<td>136:149</td>
<td></td>
<td>0.91</td>
<td>0.59</td>
<td>.44</td>
<td>.56</td>
</tr>
<tr>
<td>rs925738</td>
<td>A:G</td>
<td>199:193</td>
<td></td>
<td>1.03</td>
<td>0.09</td>
<td>.76</td>
<td>.86</td>
</tr>
<tr>
<td>rs925737</td>
<td>T:C</td>
<td>40:42</td>
<td></td>
<td>0.95</td>
<td>0.05</td>
<td>.83</td>
<td>.86</td>
</tr>
<tr>
<td>rs1399629</td>
<td>G:A</td>
<td>189:194</td>
<td></td>
<td>0.97</td>
<td>0.07</td>
<td>.80</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs908265</td>
<td>T:C</td>
<td>173:177</td>
<td></td>
<td>0.98</td>
<td>0.05</td>
<td>.83</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs908263</td>
<td>T:C</td>
<td>58:50</td>
<td></td>
<td>1.16</td>
<td>0.59</td>
<td>.44</td>
<td>.41</td>
</tr>
<tr>
<td>rs6706275</td>
<td>A:G</td>
<td>170:154</td>
<td></td>
<td>1.10</td>
<td>0.79</td>
<td>.37</td>
<td>.33</td>
</tr>
<tr>
<td>rs4852052</td>
<td>A:T</td>
<td>191:185</td>
<td></td>
<td>1.03</td>
<td>0.10</td>
<td>.76</td>
<td>.80</td>
</tr>
<tr>
<td>rs4852054</td>
<td>T:C</td>
<td>134:141</td>
<td></td>
<td>0.95</td>
<td>0.18</td>
<td>.67</td>
<td>.80</td>
</tr>
<tr>
<td>rs7590833</td>
<td>C:T</td>
<td>136:144</td>
<td></td>
<td>0.94</td>
<td>0.23</td>
<td>.63</td>
<td>.65</td>
</tr>
<tr>
<td>rs2176046</td>
<td>T:C</td>
<td>44:40</td>
<td></td>
<td>1.10</td>
<td>0.19</td>
<td>.66</td>
<td>.71</td>
</tr>
<tr>
<td>rs6712730</td>
<td>C:T</td>
<td>162:167</td>
<td></td>
<td>0.97</td>
<td>0.08</td>
<td>.78</td>
<td>.86</td>
</tr>
<tr>
<td>rs925736</td>
<td>G:A</td>
<td>180:188</td>
<td></td>
<td>0.96</td>
<td>0.17</td>
<td>.68</td>
<td>.65</td>
</tr>
<tr>
<td>rs870790</td>
<td>T:C</td>
<td>175:183</td>
<td></td>
<td>0.96</td>
<td>0.18</td>
<td>.67</td>
<td>.63</td>
</tr>
<tr>
<td>rs843462</td>
<td>T:C</td>
<td>137:136</td>
<td></td>
<td>1.01</td>
<td>0.00</td>
<td>.95</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1709851</td>
<td>G:T</td>
<td>176:176</td>
<td></td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs843458</td>
<td>C:A</td>
<td>136:129</td>
<td></td>
<td>1.05</td>
<td>0.18</td>
<td>.67</td>
<td>.80</td>
</tr>
<tr>
<td>rs709274</td>
<td>C:A</td>
<td>130:151</td>
<td></td>
<td>0.86</td>
<td>1.57</td>
<td>.21</td>
<td>.14</td>
</tr>
<tr>
<td>Gene</td>
<td>Gene ID</td>
<td>SNP ID</td>
<td>Allele 1</td>
<td>Allele 2</td>
<td>Reference 1</td>
<td>Reference 2</td>
<td>Reference 3</td>
</tr>
<tr>
<td>---------</td>
<td>---------</td>
<td>--------</td>
<td>----------</td>
<td>----------</td>
<td>-------------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>SLC6A11</td>
<td>3</td>
<td>rs2171003</td>
<td>C:T</td>
<td>153:141</td>
<td>1.08</td>
<td>0.49</td>
<td>.48</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2581219</td>
<td>T:C</td>
<td>185:186</td>
<td>0.99</td>
<td>0.00</td>
<td>.96</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2254794</td>
<td>A:C</td>
<td>58:52</td>
<td>1.12</td>
<td>0.33</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1485142</td>
<td>C:G</td>
<td>103:128</td>
<td>0.80</td>
<td>2.71</td>
<td>.10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs971930</td>
<td>C:A</td>
<td>163:180</td>
<td>0.91</td>
<td>0.84</td>
<td>.36</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3774128</td>
<td>T:C</td>
<td>48:46</td>
<td>1.04</td>
<td>0.04</td>
<td>.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2017660</td>
<td>A:G</td>
<td>70:63</td>
<td>1.11</td>
<td>0.37</td>
<td>.54</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2304725</td>
<td>C:T</td>
<td>184:175</td>
<td>1.05</td>
<td>0.23</td>
<td>.63</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11710402</td>
<td>A:G</td>
<td>145:138</td>
<td>1.05</td>
<td>0.17</td>
<td>.68</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6442211</td>
<td>A:G</td>
<td>188:179</td>
<td>1.05</td>
<td>0.22</td>
<td>.64</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3821767</td>
<td>T:C</td>
<td>70:76</td>
<td>0.92</td>
<td>0.25</td>
<td>.62</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2655278</td>
<td>C:A</td>
<td>145:144</td>
<td>1.01</td>
<td>0.00</td>
<td>.95</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs958469</td>
<td>G:T</td>
<td>38:36</td>
<td>1.06</td>
<td>0.05</td>
<td>.82</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2655280</td>
<td>G:C</td>
<td>161:176</td>
<td>0.91</td>
<td>0.67</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2581206</td>
<td>G:T</td>
<td>171:171</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2629135</td>
<td>C:T</td>
<td>53:53</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2697159</td>
<td>G:A</td>
<td>167:187</td>
<td>0.89</td>
<td>1.13</td>
<td>.29</td>
</tr>
<tr>
<td>RAF1</td>
<td>3</td>
<td>rs1039244</td>
<td>G:C</td>
<td>132:121</td>
<td>1.09</td>
<td>0.48</td>
<td>.49</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs5746214</td>
<td>G:A</td>
<td>123:105</td>
<td>1.17</td>
<td>1.42</td>
<td>.23</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs9809501</td>
<td>G:T</td>
<td>85:64</td>
<td>1.33</td>
<td>2.96</td>
<td>.09</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11710163</td>
<td>C:T</td>
<td>48:49</td>
<td>0.98</td>
<td>0.01</td>
<td>.92</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6795441</td>
<td>C:T</td>
<td>172:185</td>
<td>0.93</td>
<td>0.47</td>
<td>.49</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs5746154</td>
<td>T:C</td>
<td>86:102</td>
<td>0.84</td>
<td>1.36</td>
<td>.24</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs7617041</td>
<td>G:A</td>
<td>174:173</td>
<td>1.01</td>
<td>0.00</td>
<td>.96</td>
</tr>
<tr>
<td>HDAC11</td>
<td>3</td>
<td>rs2655224</td>
<td>A:T</td>
<td>162:172</td>
<td>0.94</td>
<td>0.30</td>
<td>.58</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2655225</td>
<td>G:A</td>
<td>78:95</td>
<td>0.82</td>
<td>1.67</td>
<td>.20</td>
</tr>
<tr>
<td>WNT7A</td>
<td>3</td>
<td>rs4340685</td>
<td>A:G</td>
<td>102:109</td>
<td>0.94</td>
<td>0.23</td>
<td>.63</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs734176</td>
<td>T:C</td>
<td>106:108</td>
<td>0.98</td>
<td>0.02</td>
<td>.89</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs934450</td>
<td>T:C</td>
<td>178:177</td>
<td>1.01</td>
<td>0.00</td>
<td>.96</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1433354</td>
<td>C:T</td>
<td>142:156</td>
<td>0.91</td>
<td>0.66</td>
<td>.42</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs9849631</td>
<td>G:A</td>
<td>48:56</td>
<td>0.86</td>
<td>0.62</td>
<td>.43</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs7641735</td>
<td>G:A</td>
<td>55:58</td>
<td>0.95</td>
<td>0.08</td>
<td>.78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs7624679</td>
<td>T:C</td>
<td>170:190</td>
<td>0.89</td>
<td>1.11</td>
<td>.29</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4685048</td>
<td>C:A</td>
<td>163:169</td>
<td>0.96</td>
<td>0.11</td>
<td>.74</td>
</tr>
<tr>
<td>Gene</td>
<td>rs</td>
<td>Allele 1</td>
<td>Allele 2</td>
<td>Minor Allele Frequency</td>
<td>Minor Allele OR</td>
<td>p Value</td>
<td>Minor Allele OR</td>
</tr>
<tr>
<td>-------</td>
<td>-----</td>
<td>----------</td>
<td>----------</td>
<td>------------------------</td>
<td>----------------</td>
<td>---------</td>
<td>----------------</td>
</tr>
<tr>
<td>MOBP</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs1077524</td>
<td>C:A</td>
<td>180:149</td>
<td>1.21</td>
<td>2.92</td>
<td>.09</td>
<td>.09</td>
</tr>
<tr>
<td></td>
<td>rs631312</td>
<td>G:A</td>
<td>161:185</td>
<td>0.87</td>
<td>1.67</td>
<td>.20</td>
<td>.22</td>
</tr>
<tr>
<td></td>
<td>rs512923</td>
<td>C:A</td>
<td>117:128</td>
<td>0.91</td>
<td>0.49</td>
<td>.48</td>
<td>.65</td>
</tr>
<tr>
<td></td>
<td>rs1768262</td>
<td>G:A</td>
<td>115:128</td>
<td>0.90</td>
<td>0.70</td>
<td>.40</td>
<td>.34</td>
</tr>
<tr>
<td></td>
<td>rs2233204</td>
<td>T:C</td>
<td>171:168</td>
<td>1.02</td>
<td>0.03</td>
<td>.87</td>
<td>.99</td>
</tr>
<tr>
<td></td>
<td>rs552724</td>
<td>A:G</td>
<td>113:130</td>
<td>0.87</td>
<td>1.19</td>
<td>.28</td>
<td>.26</td>
</tr>
<tr>
<td></td>
<td>rs12490768</td>
<td>C:T</td>
<td>128:150</td>
<td>0.85</td>
<td>1.74</td>
<td>.19</td>
<td>.21</td>
</tr>
<tr>
<td>CTNNB1</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs11564454</td>
<td>C:T</td>
<td>180:170</td>
<td>1.06</td>
<td>0.29</td>
<td>.59</td>
<td>.65</td>
</tr>
<tr>
<td></td>
<td>rs3774371</td>
<td>T:A</td>
<td>180:170</td>
<td>1.06</td>
<td>0.29</td>
<td>.59</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>rs4135385</td>
<td>C:T</td>
<td>121:120</td>
<td>1.01</td>
<td>0.00</td>
<td>.95</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>CCK</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs9311317</td>
<td>G:A</td>
<td>137:125</td>
<td>1.10</td>
<td>0.55</td>
<td>.46</td>
<td>.50</td>
</tr>
<tr>
<td></td>
<td>rs10865918</td>
<td>C:A</td>
<td>182:185</td>
<td>0.98</td>
<td>0.02</td>
<td>.88</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs10460960</td>
<td>G:A</td>
<td>76:70</td>
<td>1.09</td>
<td>0.25</td>
<td>.62</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>GSK3B</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs4688043</td>
<td>T:A</td>
<td>63:54</td>
<td>1.17</td>
<td>0.69</td>
<td>.41</td>
<td>.44</td>
</tr>
<tr>
<td></td>
<td>rs1574154</td>
<td>C:T</td>
<td>122:105</td>
<td>1.16</td>
<td>1.27</td>
<td>.26</td>
<td>.23</td>
</tr>
<tr>
<td></td>
<td>rs9879992</td>
<td>G:A</td>
<td>134:136</td>
<td>0.99</td>
<td>0.01</td>
<td>.90</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs1154595</td>
<td>A:G</td>
<td>188:180</td>
<td>1.04</td>
<td>0.17</td>
<td>.68</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>rs1191783</td>
<td>A:G</td>
<td>86:93</td>
<td>0.92</td>
<td>0.27</td>
<td>.60</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>rs2199503</td>
<td>A:G</td>
<td>162:156</td>
<td>1.04</td>
<td>0.11</td>
<td>.74</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs334555</td>
<td>C:G</td>
<td>94:100</td>
<td>0.94</td>
<td>0.19</td>
<td>.67</td>
<td>.80</td>
</tr>
<tr>
<td></td>
<td>rs3755557</td>
<td>A:T</td>
<td>106:96</td>
<td>1.10</td>
<td>0.50</td>
<td>.48</td>
<td>.50</td>
</tr>
<tr>
<td></td>
<td>rs17471</td>
<td>T:A</td>
<td>59:58</td>
<td>1.02</td>
<td>0.01</td>
<td>.93</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>RAB7</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs4384970</td>
<td>G:T</td>
<td>80:71</td>
<td>1.13</td>
<td>0.54</td>
<td>.46</td>
<td>.48</td>
</tr>
<tr>
<td></td>
<td>rs2712402</td>
<td>G:A</td>
<td>54:57</td>
<td>0.95</td>
<td>0.08</td>
<td>.78</td>
<td>.80</td>
</tr>
<tr>
<td></td>
<td>rs13081864</td>
<td>T:C</td>
<td>106:112</td>
<td>0.95</td>
<td>0.17</td>
<td>.68</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs4333102</td>
<td>C:G</td>
<td>38:57</td>
<td>0.67</td>
<td>3.80</td>
<td>.051</td>
<td>.09</td>
</tr>
<tr>
<td></td>
<td>rs7372263</td>
<td>G:T</td>
<td>175:166</td>
<td>1.05</td>
<td>0.24</td>
<td>.63</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>rs9834608</td>
<td>C:T</td>
<td>109:94</td>
<td>1.16</td>
<td>1.11</td>
<td>.29</td>
<td>.30</td>
</tr>
<tr>
<td>qc</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs1385306</td>
<td>C:G</td>
<td>209:186</td>
<td>1.12</td>
<td>1.34</td>
<td>.25</td>
<td>.29</td>
</tr>
<tr>
<td>PIK3CB</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs10513055</td>
<td>G:T</td>
<td>140:140</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs361072</td>
<td>G:A</td>
<td>208:198</td>
<td>1.05</td>
<td>0.25</td>
<td>.62</td>
<td>.63</td>
</tr>
<tr>
<td>CLDN11</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>rs2111826</td>
<td>T:C</td>
<td>92:84</td>
<td>1.10</td>
<td>0.36</td>
<td>.55</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>rs7643214</td>
<td>G:A</td>
<td>103:98</td>
<td>1.05</td>
<td>0.12</td>
<td>.72</td>
<td>.65</td>
</tr>
<tr>
<td></td>
<td>rs7610584</td>
<td>A:G</td>
<td>190:189</td>
<td>1.00</td>
<td>0.00</td>
<td>.96</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>Gene</td>
<td>Number</td>
<td>SNP ID</td>
<td>Genotype</td>
<td>Minor Allele Frequency</td>
<td>Minor Allele</td>
<td>Common Allele Frequency</td>
<td>P Value</td>
</tr>
<tr>
<td>------</td>
<td>--------</td>
<td>--------</td>
<td>----------</td>
<td>------------------------</td>
<td>--------------</td>
<td>-------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>SLC2A2</td>
<td>3</td>
<td>rs10513684</td>
<td>T:C</td>
<td>50:41</td>
<td>1.22</td>
<td>0.89</td>
<td>.35</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1499821</td>
<td>A:G</td>
<td>129:92</td>
<td>1.40</td>
<td>6.20</td>
<td>.01</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs5404</td>
<td>A:G</td>
<td>81:76</td>
<td>1.07</td>
<td>0.16</td>
<td>.69</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs10513687</td>
<td>A:G</td>
<td>100:92</td>
<td>1.09</td>
<td>0.33</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs5400</td>
<td>A:G</td>
<td>100:92</td>
<td>1.09</td>
<td>0.33</td>
<td>.56</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs9828378</td>
<td>C:G</td>
<td>129:96</td>
<td>1.34</td>
<td>4.84</td>
<td>.03</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs5396</td>
<td>C:T</td>
<td>189:144</td>
<td>1.31</td>
<td>6.08</td>
<td>.01</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs5393</td>
<td>G:T</td>
<td>96:82</td>
<td>1.17</td>
<td>1.10</td>
<td>.29</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6800180</td>
<td>C:T</td>
<td>84:67</td>
<td>1.25</td>
<td>1.91</td>
<td>.17</td>
</tr>
<tr>
<td>PIK3CA</td>
<td>3</td>
<td>rs2865084</td>
<td>T:A</td>
<td>50:51</td>
<td>0.98</td>
<td>0.01</td>
<td>.92</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4855095</td>
<td>G:T</td>
<td>90:117</td>
<td>0.77</td>
<td>3.52</td>
<td>.06</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2699905</td>
<td>T:C</td>
<td>153:139</td>
<td>1.10</td>
<td>0.67</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs7641889</td>
<td>A:G</td>
<td>32:57</td>
<td>0.56</td>
<td>7.02</td>
<td>.008</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs7651265</td>
<td>C:T</td>
<td>56:80</td>
<td>0.70</td>
<td>4.24</td>
<td>.04</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6443624</td>
<td>T:G</td>
<td>124:146</td>
<td>0.85</td>
<td>1.79</td>
<td>.18</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2677760</td>
<td>C:T</td>
<td>176:172</td>
<td>1.02</td>
<td>0.05</td>
<td>.83</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs13082485</td>
<td>T:C</td>
<td>70:56</td>
<td>1.25</td>
<td>1.56</td>
<td>.21</td>
</tr>
<tr>
<td>DVL3</td>
<td>3</td>
<td>rs4912527</td>
<td>A:G</td>
<td>157:171</td>
<td>0.92</td>
<td>0.60</td>
<td>.44</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1709642</td>
<td>C:T</td>
<td>187:183</td>
<td>1.02</td>
<td>0.04</td>
<td>.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2175525</td>
<td>C:A</td>
<td>55:57</td>
<td>0.96</td>
<td>0.04</td>
<td>.85</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11919795</td>
<td>C:T</td>
<td>154:152</td>
<td>1.01</td>
<td>0.01</td>
<td>.91</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs843346</td>
<td>A:G</td>
<td>124:138</td>
<td>0.90</td>
<td>0.75</td>
<td>.39</td>
</tr>
<tr>
<td>EGF</td>
<td>4</td>
<td>rs718768</td>
<td>C:T</td>
<td>164:175</td>
<td>0.94</td>
<td>0.36</td>
<td>.55</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs881878</td>
<td>T:C</td>
<td>174:206</td>
<td>0.84</td>
<td>2.70</td>
<td>.10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2250724</td>
<td>A:G</td>
<td>38:46</td>
<td>0.83</td>
<td>0.76</td>
<td>.38</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11568943</td>
<td>A:G</td>
<td>40:44</td>
<td>0.91</td>
<td>0.19</td>
<td>.66</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11568993</td>
<td>A:G</td>
<td>75:60</td>
<td>1.25</td>
<td>1.67</td>
<td>.20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2237051</td>
<td>A:G</td>
<td>182:206</td>
<td>0.88</td>
<td>1.49</td>
<td>.22</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4698803</td>
<td>A:T</td>
<td>97:121</td>
<td>0.80</td>
<td>2.64</td>
<td>.10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2299001</td>
<td>C:T</td>
<td>34:37</td>
<td>0.92</td>
<td>0.13</td>
<td>.72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs971696</td>
<td>T:A</td>
<td>40:47</td>
<td>0.85</td>
<td>0.56</td>
<td>.45</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3733625</td>
<td>G:A</td>
<td>46:46</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>SLC6A3</td>
<td>5</td>
<td>rs40184</td>
<td>T:C</td>
<td>208:209</td>
<td>1.00</td>
<td>0.00</td>
<td>.96</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11133767</td>
<td>A:G</td>
<td>154:164</td>
<td>0.94</td>
<td>0.31</td>
<td>.58</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>rs6869645</td>
<td>T:C</td>
<td>41:51</td>
<td>0.80</td>
<td>1.09</td>
<td>.30</td>
<td>.44</td>
</tr>
<tr>
<td>rs6347</td>
<td>G:A</td>
<td>162:156</td>
<td>1.04</td>
<td>0.11</td>
<td>.74</td>
<td>.80</td>
</tr>
<tr>
<td>rs27048</td>
<td>A:G</td>
<td>184:191</td>
<td>0.96</td>
<td>0.13</td>
<td>.72</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs37022</td>
<td>T:A</td>
<td>103:109</td>
<td>0.94</td>
<td>0.17</td>
<td>.68</td>
<td>.86</td>
</tr>
<tr>
<td>rs2042449</td>
<td>A:G</td>
<td>127:130</td>
<td>0.98</td>
<td>0.04</td>
<td>.85</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs464049</td>
<td>G:A</td>
<td>183:191</td>
<td>0.96</td>
<td>0.17</td>
<td>.68</td>
<td>.71</td>
</tr>
<tr>
<td>rs463379</td>
<td>G:C</td>
<td>124:130</td>
<td>0.95</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs403636</td>
<td>T:G</td>
<td>98:100</td>
<td>0.98</td>
<td>0.02</td>
<td>.89</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs3756450</td>
<td>G:A</td>
<td>106:111</td>
<td>0.96</td>
<td>0.12</td>
<td>.73</td>
<td>.86</td>
</tr>
<tr>
<td>rs37022</td>
<td>T:C</td>
<td>194:193</td>
<td>1.00</td>
<td>0.00</td>
<td>.96</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs702530</td>
<td>C:T</td>
<td>156:157</td>
<td>0.99</td>
<td>0.00</td>
<td>.95</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs3763084</td>
<td>T:C</td>
<td>109:98</td>
<td>1.11</td>
<td>0.58</td>
<td>.44</td>
<td>.58</td>
</tr>
<tr>
<td>rs7727206</td>
<td>C:A</td>
<td>127:132</td>
<td>0.96</td>
<td>0.10</td>
<td>.76</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1909294</td>
<td>A:G</td>
<td>93:94</td>
<td>0.99</td>
<td>0.01</td>
<td>.94</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2968003</td>
<td>T:C</td>
<td>179:190</td>
<td>0.94</td>
<td>0.33</td>
<td>.57</td>
<td>.75</td>
</tr>
<tr>
<td>rs2291851</td>
<td>A:G</td>
<td>46:49</td>
<td>0.94</td>
<td>0.09</td>
<td>.76</td>
<td>.86</td>
</tr>
<tr>
<td>rs2279737</td>
<td>G:A</td>
<td>173:176</td>
<td>0.98</td>
<td>0.03</td>
<td>.87</td>
<td>.80</td>
</tr>
<tr>
<td>rs1353747</td>
<td>C:A</td>
<td>59:61</td>
<td>0.97</td>
<td>0.03</td>
<td>.86</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2968011</td>
<td>A:C</td>
<td>198:202</td>
<td>0.98</td>
<td>0.04</td>
<td>.84</td>
<td>.86</td>
</tr>
<tr>
<td>rs10514870</td>
<td>C:T</td>
<td>50:35</td>
<td>1.43</td>
<td>2.65</td>
<td>.10</td>
<td>.12</td>
</tr>
<tr>
<td>rs6892860</td>
<td>A:G</td>
<td>126:128</td>
<td>0.98</td>
<td>0.02</td>
<td>.90</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs6867053</td>
<td>C:G</td>
<td>173:189</td>
<td>0.92</td>
<td>0.71</td>
<td>.40</td>
<td>.65</td>
</tr>
<tr>
<td>rs950446</td>
<td>A:G</td>
<td>184:161</td>
<td>1.14</td>
<td>1.53</td>
<td>.22</td>
<td>.19</td>
</tr>
<tr>
<td>rs10037973</td>
<td>A:C</td>
<td>179:193</td>
<td>0.93</td>
<td>0.53</td>
<td>.47</td>
<td>.54</td>
</tr>
<tr>
<td>rs2968018</td>
<td>T:C</td>
<td>150:152</td>
<td>0.99</td>
<td>0.01</td>
<td>.91</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs929820</td>
<td>A:G</td>
<td>167:175</td>
<td>0.95</td>
<td>0.19</td>
<td>.67</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2910641</td>
<td>T:C</td>
<td>127:120</td>
<td>1.06</td>
<td>0.20</td>
<td>.66</td>
<td>.86</td>
</tr>
<tr>
<td>rs6865647</td>
<td>C:T</td>
<td>65:87</td>
<td>0.76</td>
<td>3.18</td>
<td>.07</td>
<td>.045</td>
</tr>
<tr>
<td>rs1115728</td>
<td>C:T</td>
<td>177:155</td>
<td>1.14</td>
<td>1.46</td>
<td>.23</td>
<td>.19</td>
</tr>
<tr>
<td>rs6886791</td>
<td>T:C</td>
<td>50:59</td>
<td>0.85</td>
<td>0.74</td>
<td>.39</td>
<td>.33</td>
</tr>
<tr>
<td>rs9968728</td>
<td>G:A</td>
<td>64:77</td>
<td>0.83</td>
<td>1.20</td>
<td>.27</td>
<td>.31</td>
</tr>
<tr>
<td>rs2059191</td>
<td>A:C</td>
<td>131:105</td>
<td>1.25</td>
<td>2.86</td>
<td>.09</td>
<td>.11</td>
</tr>
<tr>
<td>rs1014317</td>
<td>G:C</td>
<td>178:195</td>
<td>0.91</td>
<td>0.77</td>
<td>.38</td>
<td>.52</td>
</tr>
<tr>
<td>rs997421</td>
<td>T:C</td>
<td>64:68</td>
<td>0.94</td>
<td>0.12</td>
<td>.73</td>
<td>.80</td>
</tr>
<tr>
<td>--------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td>A:G</td>
<td>1.16</td>
<td>0.84</td>
<td>0.81</td>
<td>1.25</td>
<td>0.97</td>
<td>1.22</td>
</tr>
<tr>
<td>G:A</td>
<td>1.30</td>
<td>3.21</td>
<td>3.39</td>
<td>2.89</td>
<td>0.08</td>
<td>3.03</td>
</tr>
<tr>
<td>C:T</td>
<td>0.07</td>
<td>0.07</td>
<td>.07</td>
<td>.09</td>
<td>.78</td>
<td>0.08</td>
</tr>
<tr>
<td>T:C</td>
<td>.10</td>
<td>.71</td>
<td>.10</td>
<td>.86</td>
<td>.86</td>
<td>.52</td>
</tr>
<tr>
<td>rs</td>
<td>SNP</td>
<td>Position</td>
<td>A</td>
<td>T</td>
<td>C</td>
<td>T</td>
</tr>
<tr>
<td>--------</td>
<td>-------</td>
<td>----------</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>rs2014012</td>
<td>A:T</td>
<td>154:167</td>
<td>0.92</td>
<td>0.53</td>
<td>.47</td>
<td>.47</td>
</tr>
<tr>
<td>rs1824159</td>
<td>T:C</td>
<td>50:66</td>
<td>0.76</td>
<td>2.21</td>
<td>.14</td>
<td>.23</td>
</tr>
<tr>
<td>rs27171</td>
<td>C:T</td>
<td>132:142</td>
<td>0.93</td>
<td>0.37</td>
<td>.55</td>
<td>.86</td>
</tr>
<tr>
<td>rs7443333</td>
<td>A:G</td>
<td>125:113</td>
<td>1.11</td>
<td>0.61</td>
<td>.44</td>
<td>.50</td>
</tr>
<tr>
<td>rs35255</td>
<td>C:T</td>
<td>217:191</td>
<td>1.14</td>
<td>1.66</td>
<td>.20</td>
<td>.19</td>
</tr>
<tr>
<td>rs244574</td>
<td>A:G</td>
<td>180:208</td>
<td>0.87</td>
<td>2.02</td>
<td>.16</td>
<td>.17</td>
</tr>
<tr>
<td>rs39672</td>
<td>C:T</td>
<td>167:186</td>
<td>0.90</td>
<td>1.02</td>
<td>.31</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs9292206</td>
<td>A:G</td>
<td>39:46</td>
<td>0.85</td>
<td>0.58</td>
<td>.45</td>
<td>.52</td>
</tr>
<tr>
<td>rs35289</td>
<td>T:G</td>
<td>121:112</td>
<td>1.08</td>
<td>0.35</td>
<td>.56</td>
<td>.59</td>
</tr>
<tr>
<td>rs154027</td>
<td>T:C</td>
<td>137:135</td>
<td>1.02</td>
<td>0.01</td>
<td>.90</td>
<td>.86</td>
</tr>
<tr>
<td>rs424839</td>
<td>T:A</td>
<td>141:176</td>
<td>0.80</td>
<td>3.86</td>
<td>.049</td>
<td>.08</td>
</tr>
<tr>
<td>rs378869</td>
<td>A:G</td>
<td>162:182</td>
<td>0.89</td>
<td>1.16</td>
<td>.28</td>
<td>.40</td>
</tr>
<tr>
<td>rs525099</td>
<td>C:T</td>
<td>176:169</td>
<td>1.04</td>
<td>0.14</td>
<td>.71</td>
<td>.75</td>
</tr>
<tr>
<td>rs1348709</td>
<td>C:T</td>
<td>81:60</td>
<td>1.35</td>
<td>3.13</td>
<td>.08</td>
<td>.11</td>
</tr>
<tr>
<td>rs2547917</td>
<td>A:G</td>
<td>135:115</td>
<td>1.17</td>
<td>1.60</td>
<td>.21</td>
<td>.23</td>
</tr>
<tr>
<td>rs13190249</td>
<td>A:G</td>
<td>60:50</td>
<td>1.20</td>
<td>0.91</td>
<td>.34</td>
<td>.86</td>
</tr>
<tr>
<td>rs12518641</td>
<td>A:G</td>
<td>174:139</td>
<td>1.25</td>
<td>3.91</td>
<td>.048</td>
<td>.10</td>
</tr>
<tr>
<td>rs992726</td>
<td>G:A</td>
<td>123:111</td>
<td>1.11</td>
<td>0.62</td>
<td>.43</td>
<td>.47</td>
</tr>
<tr>
<td>rs16889143</td>
<td>A:G</td>
<td>124:112</td>
<td>1.11</td>
<td>0.61</td>
<td>.43</td>
<td>.40</td>
</tr>
<tr>
<td>rs921942</td>
<td>A:C</td>
<td>194:186</td>
<td>1.04</td>
<td>0.17</td>
<td>.68</td>
<td>.86</td>
</tr>
<tr>
<td>rs10514861</td>
<td>A:T</td>
<td>87:107</td>
<td>0.81</td>
<td>2.06</td>
<td>.15</td>
<td>.21</td>
</tr>
<tr>
<td>rs4551023</td>
<td>A:G</td>
<td>143:132</td>
<td>1.08</td>
<td>0.44</td>
<td>.51</td>
<td>.80</td>
</tr>
<tr>
<td>rs7728286</td>
<td>A:G</td>
<td>168:164</td>
<td>1.02</td>
<td>0.05</td>
<td>.83</td>
<td>.86</td>
</tr>
<tr>
<td>rs37576</td>
<td>G:A</td>
<td>164:160</td>
<td>1.02</td>
<td>0.05</td>
<td>.82</td>
<td>.86</td>
</tr>
<tr>
<td>rs1870077</td>
<td>A:G</td>
<td>140:133</td>
<td>1.05</td>
<td>0.18</td>
<td>.67</td>
<td>.86</td>
</tr>
<tr>
<td>rs702543</td>
<td>G:A</td>
<td>189:165</td>
<td>1.14</td>
<td>1.63</td>
<td>.20</td>
<td>.29</td>
</tr>
<tr>
<td>rs172362</td>
<td>C:A</td>
<td>92:107</td>
<td>0.86</td>
<td>1.13</td>
<td>.29</td>
<td>.33</td>
</tr>
<tr>
<td>rs159196</td>
<td>C:G</td>
<td>97:104</td>
<td>0.93</td>
<td>0.24</td>
<td>.62</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1395336</td>
<td>C:T</td>
<td>159:134</td>
<td>1.19</td>
<td>2.13</td>
<td>.14</td>
<td>.17</td>
</tr>
<tr>
<td>rs294500</td>
<td>C:G</td>
<td>77:71</td>
<td>1.08</td>
<td>0.24</td>
<td>.62</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs294498</td>
<td>T:C</td>
<td>133:112</td>
<td>1.19</td>
<td>1.80</td>
<td>.18</td>
<td>.19</td>
</tr>
<tr>
<td>rs1035321</td>
<td>T:C</td>
<td>76:54</td>
<td>1.41</td>
<td>3.72</td>
<td>.054</td>
<td>.09</td>
</tr>
<tr>
<td><strong>PIK3R1</strong></td>
<td>5</td>
<td>rs40419</td>
<td>C:T</td>
<td>201:178</td>
<td>1.13</td>
<td>1.40</td>
</tr>
<tr>
<td>rs706713</td>
<td>T:C</td>
<td>138:144</td>
<td>0.96</td>
<td>0.13</td>
<td>.72</td>
<td>.71</td>
</tr>
<tr>
<td>rs7713645</td>
<td>C:A</td>
<td>219:186</td>
<td>1.18</td>
<td>2.69</td>
<td>.10</td>
<td>.14</td>
</tr>
<tr>
<td>rs251406</td>
<td>A:G</td>
<td>168:151</td>
<td>1.11</td>
<td>0.91</td>
<td>.34</td>
<td>.33</td>
</tr>
<tr>
<td>rs173702</td>
<td>C:T</td>
<td>175:188</td>
<td>0.93</td>
<td>0.47</td>
<td>.50</td>
<td>.58</td>
</tr>
<tr>
<td>rs251401</td>
<td>A:G</td>
<td>44:43</td>
<td>1.02</td>
<td>0.01</td>
<td>.91</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs251404</td>
<td>A:G</td>
<td>89:98</td>
<td>0.91</td>
<td>0.43</td>
<td>.51</td>
<td>.71</td>
</tr>
<tr>
<td>rs34303</td>
<td>G:A</td>
<td>173:176</td>
<td>0.98</td>
<td>0.03</td>
<td>.87</td>
<td>.86</td>
</tr>
<tr>
<td>rs2161120</td>
<td>G:A</td>
<td>195:189</td>
<td>1.03</td>
<td>0.09</td>
<td>.76</td>
<td>.86</td>
</tr>
<tr>
<td>rs34309</td>
<td>A:G</td>
<td>169:169</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs10515074</td>
<td>G:A</td>
<td>130:124</td>
<td>1.05</td>
<td>0.14</td>
<td>.71</td>
<td>.75</td>
</tr>
<tr>
<td>rs1550805</td>
<td>A:G</td>
<td>72:64</td>
<td>1.12</td>
<td>0.47</td>
<td>.49</td>
<td>.47</td>
</tr>
<tr>
<td>rs1862162</td>
<td>G:A</td>
<td>148:166</td>
<td>0.89</td>
<td>1.03</td>
<td>.31</td>
<td>.75</td>
</tr>
<tr>
<td>rs1043526</td>
<td>G:A</td>
<td>85:112</td>
<td>0.76</td>
<td>3.70</td>
<td>.054</td>
<td>.13</td>
</tr>
<tr>
<td>rs9291926</td>
<td>A:C</td>
<td>173:168</td>
<td>1.03</td>
<td>0.07</td>
<td>.79</td>
<td>.75</td>
</tr>
<tr>
<td>MAP1B 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs1217823</td>
<td>T:G</td>
<td>186:171</td>
<td>1.09</td>
<td>0.63</td>
<td>.43</td>
<td>.45</td>
</tr>
<tr>
<td>rs3806909</td>
<td>A:T</td>
<td>98:116</td>
<td>0.84</td>
<td>1.51</td>
<td>.22</td>
<td>.20</td>
</tr>
<tr>
<td>rs1979310</td>
<td>G:C</td>
<td>160:146</td>
<td>1.10</td>
<td>0.64</td>
<td>.42</td>
<td>.54</td>
</tr>
<tr>
<td>rs1466344</td>
<td>T:C</td>
<td>74:62</td>
<td>1.19</td>
<td>1.06</td>
<td>.30</td>
<td>.50</td>
</tr>
<tr>
<td>rs4704553</td>
<td>A:G</td>
<td>151:186</td>
<td>0.81</td>
<td>3.64</td>
<td>.06</td>
<td>.07</td>
</tr>
<tr>
<td>rs4703774</td>
<td>A:G</td>
<td>174:148</td>
<td>1.18</td>
<td>2.10</td>
<td>.15</td>
<td>.25</td>
</tr>
<tr>
<td>rs4569852</td>
<td>G:A</td>
<td>148:187</td>
<td>0.79</td>
<td>4.54</td>
<td>.03</td>
<td>.046</td>
</tr>
<tr>
<td>rs10062773</td>
<td>A:T</td>
<td>170:190</td>
<td>0.89</td>
<td>1.11</td>
<td>.29</td>
<td>.26</td>
</tr>
<tr>
<td>rs4301216</td>
<td>C:T</td>
<td>66:85</td>
<td>0.78</td>
<td>2.39</td>
<td>.12</td>
<td>.19</td>
</tr>
<tr>
<td>rs2337692</td>
<td>A:G</td>
<td>129:155</td>
<td>0.83</td>
<td>2.38</td>
<td>.12</td>
<td>.18</td>
</tr>
<tr>
<td>rs1561400</td>
<td>G:C</td>
<td>158:173</td>
<td>0.91</td>
<td>0.68</td>
<td>.41</td>
<td>.40</td>
</tr>
<tr>
<td>rs2118695</td>
<td>T:C</td>
<td>176:150</td>
<td>1.17</td>
<td>2.07</td>
<td>.15</td>
<td>.12</td>
</tr>
<tr>
<td>rs10515140</td>
<td>C:G</td>
<td>145:175</td>
<td>0.83</td>
<td>2.81</td>
<td>.09</td>
<td>.09</td>
</tr>
<tr>
<td>rs2028260</td>
<td>C:T</td>
<td>166:147</td>
<td>1.13</td>
<td>1.15</td>
<td>.28</td>
<td>.31</td>
</tr>
<tr>
<td>rs6874186</td>
<td>G:A</td>
<td>162:192</td>
<td>0.84</td>
<td>2.54</td>
<td>.11</td>
<td>.11</td>
</tr>
<tr>
<td>rs16875959</td>
<td>A:G</td>
<td>83:76</td>
<td>1.09</td>
<td>0.31</td>
<td>.58</td>
<td>.47</td>
</tr>
<tr>
<td>rs1561398</td>
<td>A:G</td>
<td>146:148</td>
<td>0.99</td>
<td>0.01</td>
<td>.91</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1866374</td>
<td>A:G</td>
<td>85:92</td>
<td>0.92</td>
<td>0.28</td>
<td>.60</td>
<td>.86</td>
</tr>
<tr>
<td>rs3805452</td>
<td>C:T</td>
<td>120:139</td>
<td>0.86</td>
<td>1.39</td>
<td>.24</td>
<td>.30</td>
</tr>
<tr>
<td>rs3828616</td>
<td>C:T</td>
<td>176:160</td>
<td>1.10</td>
<td>0.76</td>
<td>.38</td>
<td>.44</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th></th>
<th>Position</th>
<th>Allele 1</th>
<th>Allele 2</th>
<th>Minor Allele Frequency</th>
<th>Major Allele Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>rs930391</td>
<td>68:75</td>
<td>C:A</td>
<td></td>
<td>0.91</td>
<td>0.34</td>
</tr>
<tr>
<td>rs10039706</td>
<td>T:C</td>
<td></td>
<td></td>
<td>0.89</td>
<td>1.08</td>
</tr>
<tr>
<td>MEF2C</td>
<td>158:177</td>
<td>G:A</td>
<td></td>
<td>1.09</td>
<td>0.47</td>
</tr>
<tr>
<td>rs412458</td>
<td>133:122</td>
<td>G:A</td>
<td></td>
<td>0.89</td>
<td>1.08</td>
</tr>
<tr>
<td>rs647983</td>
<td>217:184</td>
<td>T:C</td>
<td></td>
<td>1.18</td>
<td>2.72</td>
</tr>
<tr>
<td>rs618741</td>
<td>219:193</td>
<td>G:A</td>
<td></td>
<td>1.14</td>
<td>1.64</td>
</tr>
<tr>
<td>rs674747</td>
<td>124:108</td>
<td>G:T</td>
<td></td>
<td>1.15</td>
<td>1.10</td>
</tr>
<tr>
<td>rs12521662</td>
<td>A:G</td>
<td></td>
<td></td>
<td>1.10</td>
<td>0.49</td>
</tr>
<tr>
<td>rs244757</td>
<td>175:158</td>
<td>G:A</td>
<td></td>
<td>1.11</td>
<td>0.87</td>
</tr>
<tr>
<td>rs700591</td>
<td>201:188</td>
<td>A:G</td>
<td></td>
<td>1.07</td>
<td>0.43</td>
</tr>
<tr>
<td>rs186233</td>
<td>130:137</td>
<td>A:G</td>
<td></td>
<td>0.95</td>
<td>0.18</td>
</tr>
<tr>
<td>rs244754</td>
<td>183:169</td>
<td>C:T</td>
<td></td>
<td>1.08</td>
<td>0.56</td>
</tr>
<tr>
<td>rs304162</td>
<td>88:79</td>
<td>G:A</td>
<td></td>
<td>1.11</td>
<td>0.49</td>
</tr>
<tr>
<td>rs3850653</td>
<td>C:T</td>
<td></td>
<td></td>
<td>1.10</td>
<td>0.22</td>
</tr>
<tr>
<td>PAM</td>
<td>150:142</td>
<td>C:T</td>
<td></td>
<td>1.06</td>
<td>0.22</td>
</tr>
<tr>
<td>rs249496</td>
<td>175:194</td>
<td>C:G</td>
<td></td>
<td>0.90</td>
<td>0.98</td>
</tr>
<tr>
<td>rs249495</td>
<td>38:30</td>
<td>T:C</td>
<td></td>
<td>1.27</td>
<td>0.94</td>
</tr>
<tr>
<td>rs1363786</td>
<td>A:G</td>
<td></td>
<td></td>
<td>1.00</td>
<td>0.00</td>
</tr>
<tr>
<td>rs10038600</td>
<td>A:C</td>
<td></td>
<td></td>
<td>0.97</td>
<td>0.07</td>
</tr>
<tr>
<td>rs6596529</td>
<td>A:G</td>
<td></td>
<td></td>
<td>1.04</td>
<td>0.15</td>
</tr>
<tr>
<td>rs26427</td>
<td>T:G</td>
<td></td>
<td></td>
<td>1.03</td>
<td>0.08</td>
</tr>
<tr>
<td>rs1011453</td>
<td>A:G</td>
<td></td>
<td></td>
<td>1.06</td>
<td>0.27</td>
</tr>
<tr>
<td>rs1011454</td>
<td>C:T</td>
<td></td>
<td></td>
<td>1.03</td>
<td>0.08</td>
</tr>
<tr>
<td>ADRA1B</td>
<td>103:110</td>
<td>C:T</td>
<td></td>
<td>0.94</td>
<td>0.23</td>
</tr>
<tr>
<td>rs185289</td>
<td>105:75</td>
<td>T:G</td>
<td></td>
<td>1.40</td>
<td>5.00</td>
</tr>
<tr>
<td>rs7726095</td>
<td>A:G</td>
<td></td>
<td></td>
<td>0.88</td>
<td>0.38</td>
</tr>
<tr>
<td>rs3729604</td>
<td>T:C</td>
<td></td>
<td></td>
<td>0.92</td>
<td>0.34</td>
</tr>
<tr>
<td>rs6892282</td>
<td>A:C</td>
<td></td>
<td></td>
<td>1.04</td>
<td>0.14</td>
</tr>
<tr>
<td>rs4921241</td>
<td>G:A</td>
<td></td>
<td></td>
<td>1.16</td>
<td>0.72</td>
</tr>
<tr>
<td>rs6884129</td>
<td>C:G</td>
<td></td>
<td></td>
<td>0.91</td>
<td>0.33</td>
</tr>
<tr>
<td>rs12653825</td>
<td>T:C</td>
<td></td>
<td></td>
<td>0.97</td>
<td>0.11</td>
</tr>
<tr>
<td>rs952037</td>
<td>T:C</td>
<td></td>
<td></td>
<td>1.16</td>
<td>1.72</td>
</tr>
<tr>
<td>rs10214211</td>
<td>C:T</td>
<td></td>
<td></td>
<td>0.84</td>
<td>0.76</td>
</tr>
<tr>
<td>GABRB2</td>
<td>105:75</td>
<td>T:G</td>
<td></td>
<td>1.40</td>
<td>5.00</td>
</tr>
<tr>
<td>rs194073</td>
<td>58:31</td>
<td>A:C</td>
<td></td>
<td>1.87</td>
<td>8.19</td>
</tr>
<tr>
<td>rs252957</td>
<td>180:155</td>
<td>G:T</td>
<td></td>
<td>1.16</td>
<td>1.87</td>
</tr>
<tr>
<td>rs</td>
<td>SNP</td>
<td>Allele</td>
<td>Chr</td>
<td>Pos</td>
<td>A1 Freq</td>
</tr>
<tr>
<td>--------</td>
<td>-------</td>
<td>--------</td>
<td>------</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>rs153296</td>
<td>G:C</td>
<td>110:118</td>
<td>0.93</td>
<td>0.28</td>
<td>.60</td>
</tr>
<tr>
<td>rs1644454</td>
<td>G:T</td>
<td>161:132</td>
<td>1.22</td>
<td>2.87</td>
<td>.09</td>
</tr>
<tr>
<td>rs10515827</td>
<td>T:C</td>
<td>99:143</td>
<td>0.69</td>
<td>8.00</td>
<td>.005</td>
</tr>
<tr>
<td>rs187269</td>
<td>C:T</td>
<td>154:158</td>
<td>0.97</td>
<td>0.05</td>
<td>.82</td>
</tr>
<tr>
<td>rs252944</td>
<td>G:C</td>
<td>101:97</td>
<td>1.04</td>
<td>0.08</td>
<td>.78</td>
</tr>
<tr>
<td>rs194072</td>
<td>C:T</td>
<td>101:97</td>
<td>1.04</td>
<td>0.08</td>
<td>.78</td>
</tr>
<tr>
<td>rs1816072</td>
<td>C:T</td>
<td>176:163</td>
<td>1.08</td>
<td>0.50</td>
<td>.48</td>
</tr>
<tr>
<td>rs6556547</td>
<td>T:G</td>
<td>49:66</td>
<td>0.74</td>
<td>2.51</td>
<td>.11</td>
</tr>
<tr>
<td>rs967771</td>
<td>T:C</td>
<td>118:158</td>
<td>0.86</td>
<td>1.37</td>
<td>.24</td>
</tr>
<tr>
<td>rs2962394</td>
<td>G:C</td>
<td>109:127</td>
<td>0.99</td>
<td>0.01</td>
<td>.94</td>
</tr>
<tr>
<td>rs10515828</td>
<td>A:T</td>
<td>132:147</td>
<td>0.90</td>
<td>0.81</td>
<td>.37</td>
</tr>
<tr>
<td>rs2197414</td>
<td>G:C</td>
<td>180:169</td>
<td>1.06</td>
<td>0.35</td>
<td>.56</td>
</tr>
<tr>
<td>GABA region (no gene)</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs7448515</td>
<td>G:A</td>
<td>133:126</td>
<td>1.06</td>
<td>0.19</td>
<td>.66</td>
</tr>
<tr>
<td>rs10056305</td>
<td>C:T</td>
<td>199:180</td>
<td>1.11</td>
<td>0.95</td>
<td>.33</td>
</tr>
<tr>
<td>rs4464735</td>
<td>A:T</td>
<td>196:183</td>
<td>1.07</td>
<td>0.45</td>
<td>.50</td>
</tr>
<tr>
<td>GABRA1</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs3811991</td>
<td>T:G</td>
<td>180:168</td>
<td>1.07</td>
<td>0.41</td>
<td>.52</td>
</tr>
<tr>
<td>SNP</td>
<td>Gene</td>
<td>Allele</td>
<td>Start-Stop</td>
<td>Odds Ratio</td>
<td>P Value</td>
</tr>
<tr>
<td>------------</td>
<td>--------</td>
<td>--------</td>
<td>------------</td>
<td>------------</td>
<td>----------</td>
</tr>
<tr>
<td>rs4478357</td>
<td></td>
<td>G:T</td>
<td>191:180</td>
<td>1.06</td>
<td>0.33</td>
</tr>
<tr>
<td>rs11575999</td>
<td></td>
<td>G:A</td>
<td>181:172</td>
<td>1.05</td>
<td>0.23</td>
</tr>
<tr>
<td>rs4263535</td>
<td></td>
<td>C:T</td>
<td>118:98</td>
<td>1.20</td>
<td>1.85</td>
</tr>
<tr>
<td>rs4605831</td>
<td></td>
<td>T:C</td>
<td>123:139</td>
<td>0.88</td>
<td>0.98</td>
</tr>
<tr>
<td>rs4254937</td>
<td></td>
<td>G:T</td>
<td>175:174</td>
<td>1.01</td>
<td>0.00</td>
</tr>
<tr>
<td>rs4260711</td>
<td></td>
<td>A:G</td>
<td>181:176</td>
<td>1.03</td>
<td>0.07</td>
</tr>
<tr>
<td>rs1350376</td>
<td></td>
<td>A:C</td>
<td>165:167</td>
<td>0.99</td>
<td>0.01</td>
</tr>
<tr>
<td>rs1037715</td>
<td></td>
<td>A:G</td>
<td>72:83</td>
<td>0.87</td>
<td>0.78</td>
</tr>
<tr>
<td>rs1026447</td>
<td></td>
<td>G:A</td>
<td>124:144</td>
<td>0.86</td>
<td>1.49</td>
</tr>
<tr>
<td>rs1157122</td>
<td></td>
<td>G:A</td>
<td>79:63</td>
<td>1.25</td>
<td>1.80</td>
</tr>
<tr>
<td>rs998754</td>
<td></td>
<td>T:G</td>
<td>169:173</td>
<td>0.98</td>
<td>0.05</td>
</tr>
<tr>
<td>GABA region (no gene)</td>
<td>5</td>
<td>rs11745164</td>
<td>A:G</td>
<td>178:181</td>
<td>0.98</td>
</tr>
<tr>
<td>GABRG2</td>
<td>5</td>
<td>rs6886028</td>
<td>T:A</td>
<td>150:160</td>
<td>0.94</td>
</tr>
<tr>
<td>rs2268583</td>
<td></td>
<td>A:G</td>
<td>42:52</td>
<td>0.81</td>
<td>1.06</td>
</tr>
<tr>
<td>rs2268582</td>
<td></td>
<td>A:G</td>
<td>86:86</td>
<td>1.00</td>
<td>0.00</td>
</tr>
<tr>
<td>rs209353</td>
<td></td>
<td>C:T</td>
<td>171:185</td>
<td>0.92</td>
<td>0.55</td>
</tr>
<tr>
<td>rs209354</td>
<td></td>
<td>A:C</td>
<td>184:176</td>
<td>1.04</td>
<td>0.18</td>
</tr>
<tr>
<td>rs209357</td>
<td></td>
<td>C:G</td>
<td>196:195</td>
<td>1.0</td>
<td>0.00</td>
</tr>
<tr>
<td>rs211037</td>
<td></td>
<td>A:G</td>
<td>143:130</td>
<td>1.10</td>
<td>0.62</td>
</tr>
<tr>
<td>rs211029</td>
<td></td>
<td>G:A</td>
<td>151:161</td>
<td>0.94</td>
<td>0.32</td>
</tr>
<tr>
<td>rs210985</td>
<td></td>
<td>A:G</td>
<td>119:112</td>
<td>1.06</td>
<td>0.21</td>
</tr>
<tr>
<td>rs365054</td>
<td></td>
<td>T:C</td>
<td>150:153</td>
<td>0.98</td>
<td>0.03</td>
</tr>
<tr>
<td>rs2422106</td>
<td></td>
<td>C:A</td>
<td>169:165</td>
<td>1.02</td>
<td>0.05</td>
</tr>
<tr>
<td>rs721719</td>
<td></td>
<td>A:G</td>
<td>128:126</td>
<td>1.02</td>
<td>0.02</td>
</tr>
<tr>
<td>rs10491328</td>
<td></td>
<td>A:C</td>
<td>59:70</td>
<td>0.84</td>
<td>0.94</td>
</tr>
<tr>
<td>rs211014</td>
<td></td>
<td>A:C</td>
<td>156:155</td>
<td>1.01</td>
<td>0.00</td>
</tr>
<tr>
<td>rs211013</td>
<td></td>
<td>G:A</td>
<td>172:180</td>
<td>0.96</td>
<td>0.18</td>
</tr>
<tr>
<td>GABRP</td>
<td>5</td>
<td>rs732157</td>
<td>G:A</td>
<td>197:184</td>
<td>1.07</td>
</tr>
<tr>
<td>rs1158443</td>
<td></td>
<td>G:T</td>
<td>182:177</td>
<td>1.03</td>
<td>0.07</td>
</tr>
<tr>
<td>rs7724371</td>
<td></td>
<td>G:A</td>
<td>180:187</td>
<td>0.96</td>
<td>0.13</td>
</tr>
<tr>
<td>rs1895409</td>
<td></td>
<td>A:G</td>
<td>111:108</td>
<td>1.03</td>
<td>0.04</td>
</tr>
<tr>
<td>DTNBP1</td>
<td>6</td>
<td>rs1474588</td>
<td>C:G</td>
<td>172:177</td>
<td>0.97</td>
</tr>
<tr>
<td>SNV</td>
<td>Type</td>
<td>Chromosome Position</td>
<td>Odds Ratio</td>
<td>P Value</td>
<td>OR (95% CI)</td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>---------------------</td>
<td>------------</td>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>rs760659</td>
<td>A:G</td>
<td>130:114</td>
<td>1.14</td>
<td>.31</td>
<td>.45</td>
</tr>
<tr>
<td>rs3778651</td>
<td>T:C</td>
<td>53:44</td>
<td>1.20</td>
<td>.36</td>
<td>.48</td>
</tr>
<tr>
<td>rs1047631</td>
<td>C:T</td>
<td>93:77</td>
<td>1.21</td>
<td>.22</td>
<td>.20</td>
</tr>
<tr>
<td>rs742106</td>
<td>A:G</td>
<td>190:180</td>
<td>1.06</td>
<td>.60</td>
<td>.63</td>
</tr>
<tr>
<td>rs4236167</td>
<td>C:T</td>
<td>198:207</td>
<td>0.96</td>
<td>.65</td>
<td>.59</td>
</tr>
<tr>
<td>rs9296983</td>
<td>A:G</td>
<td>122:144</td>
<td>0.85</td>
<td>.18</td>
<td>.20</td>
</tr>
<tr>
<td>rs12524251</td>
<td>G:A</td>
<td>96:92</td>
<td>1.04</td>
<td>.77</td>
<td>.69</td>
</tr>
<tr>
<td>rs760666</td>
<td>A:G</td>
<td>120:142</td>
<td>0.85</td>
<td>.17</td>
<td>.20</td>
</tr>
<tr>
<td>rs3829893</td>
<td>A:G</td>
<td>105:101</td>
<td>1.04</td>
<td>.78</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2619539</td>
<td>C:G</td>
<td>196:198</td>
<td>0.99</td>
<td>.92</td>
<td>.86</td>
</tr>
<tr>
<td>rs16876738</td>
<td>C:G</td>
<td>102:94</td>
<td>1.08</td>
<td>.57</td>
<td>.86</td>
</tr>
<tr>
<td>rs1011313</td>
<td>A:G</td>
<td>51:69</td>
<td>0.74</td>
<td>.10</td>
<td>.09</td>
</tr>
<tr>
<td>rs2619528</td>
<td>T:C</td>
<td>113:107</td>
<td>1.06</td>
<td>.69</td>
<td>.69</td>
</tr>
<tr>
<td>rs2619522</td>
<td>G:T</td>
<td>113:107</td>
<td>1.06</td>
<td>.69</td>
<td>.69</td>
</tr>
<tr>
<td>rs1018381</td>
<td>A:G</td>
<td>57:57</td>
<td>1.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1997679</td>
<td>A:G</td>
<td>157:183</td>
<td>0.86</td>
<td>.16</td>
<td>.14</td>
</tr>
<tr>
<td>rs909706</td>
<td>A:G</td>
<td>198:194</td>
<td>1.02</td>
<td>.84</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2619537</td>
<td>C:T</td>
<td>88:91</td>
<td>0.97</td>
<td>.82</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2743852</td>
<td>G:C</td>
<td>70:68</td>
<td>1.03</td>
<td>.86</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs12204704</td>
<td>A:G</td>
<td>105:107</td>
<td>0.98</td>
<td>.89</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs441539</td>
<td>G:A</td>
<td>162:164</td>
<td>0.99</td>
<td>.91</td>
<td>.86</td>
</tr>
<tr>
<td>rs1000117</td>
<td>C:A</td>
<td>174:141</td>
<td>1.23</td>
<td>.06</td>
<td>.06</td>
</tr>
<tr>
<td>MOG</td>
<td>6</td>
<td>rs29269</td>
<td>T:C 132:116</td>
<td>1.14</td>
<td>.31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs29228</td>
<td>A:G 113:107</td>
<td>1.06</td>
<td>.69</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs29234</td>
<td>C:A 40:41</td>
<td>0.98</td>
<td>.91</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3130250</td>
<td>T:C 109:106</td>
<td>1.03</td>
<td>.84</td>
</tr>
<tr>
<td>FILIP1</td>
<td>6</td>
<td>rs2256266</td>
<td>A:G 121:129</td>
<td>0.94</td>
<td>.61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3130253</td>
<td>T:C 60:57</td>
<td>1.05</td>
<td>.78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2748254</td>
<td>T:C 110:94</td>
<td>1.17</td>
<td>.26</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6933438</td>
<td>G:A 48:52</td>
<td>0.92</td>
<td>.69</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2951945</td>
<td>T:G 146:159</td>
<td>0.92</td>
<td>.46</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs13214997</td>
<td>T:A 61:59</td>
<td>1.03</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6904580</td>
<td>G:C 184:190</td>
<td>0.97</td>
<td>.76</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2951928</td>
<td>T:C 162:186</td>
<td>0.87</td>
<td>.20</td>
</tr>
<tr>
<td>SNP</td>
<td>Gene</td>
<td>Position</td>
<td>Minor Allele</td>
<td>HWE P-value</td>
<td>UniP P-value</td>
</tr>
<tr>
<td>-----------</td>
<td>--------</td>
<td>------------</td>
<td>--------------</td>
<td>-------------</td>
<td>--------------</td>
</tr>
<tr>
<td>rs2951924</td>
<td></td>
<td>156:163</td>
<td>C:A</td>
<td>0.96</td>
<td>0.15</td>
</tr>
<tr>
<td>rs9443176</td>
<td></td>
<td>44:50</td>
<td>T:G</td>
<td>0.88</td>
<td>0.38</td>
</tr>
<tr>
<td>rs6903448</td>
<td></td>
<td>109:98</td>
<td>T:C</td>
<td>1.11</td>
<td>0.58</td>
</tr>
<tr>
<td>rs2951916</td>
<td></td>
<td>172:192</td>
<td>C:T</td>
<td>0.90</td>
<td>1.10</td>
</tr>
<tr>
<td>rs9359124</td>
<td></td>
<td>104:94</td>
<td>T:C</td>
<td>1.11</td>
<td>0.51</td>
</tr>
<tr>
<td>rs9343292</td>
<td></td>
<td>71:84</td>
<td>G:A</td>
<td>0.85</td>
<td>1.09</td>
</tr>
<tr>
<td>rs9350589</td>
<td></td>
<td>187:208</td>
<td>C:T</td>
<td>0.90</td>
<td>1.12</td>
</tr>
<tr>
<td>rs10943253</td>
<td></td>
<td>163:178</td>
<td>G:A</td>
<td>0.92</td>
<td>0.66</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs2951916</td>
<td></td>
<td>116:116</td>
<td>A:T</td>
<td>1.25</td>
<td>2.78</td>
</tr>
<tr>
<td>rs2022055</td>
<td></td>
<td>129:112</td>
<td>C:T</td>
<td>1.15</td>
<td>1.20</td>
</tr>
<tr>
<td>rs3213607</td>
<td></td>
<td>48:48</td>
<td>T:G</td>
<td>1.00</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs2227283</td>
<td></td>
<td>160:171</td>
<td>T:C</td>
<td>0.94</td>
<td>0.37</td>
</tr>
<tr>
<td>rs1051484</td>
<td></td>
<td>89:110</td>
<td>A:G</td>
<td>0.81</td>
<td>2.22</td>
</tr>
<tr>
<td>rs9500080</td>
<td></td>
<td>134:144</td>
<td>C:T</td>
<td>0.93</td>
<td>0.36</td>
</tr>
<tr>
<td>rs1190049</td>
<td></td>
<td>125:100</td>
<td>A:T</td>
<td>1.25</td>
<td>2.78</td>
</tr>
<tr>
<td>rs1149305</td>
<td></td>
<td>87:59</td>
<td>A:G</td>
<td>1.48</td>
<td>5.37</td>
</tr>
<tr>
<td>rs1149313</td>
<td></td>
<td>52:63</td>
<td>A:C</td>
<td>0.83</td>
<td>1.05</td>
</tr>
<tr>
<td>rs1149320</td>
<td></td>
<td>107:91</td>
<td>C:G</td>
<td>1.18</td>
<td>1.29</td>
</tr>
<tr>
<td>rs1190064</td>
<td></td>
<td>51:44</td>
<td>T:A</td>
<td>1.16</td>
<td>0.52</td>
</tr>
<tr>
<td>rs4585599</td>
<td></td>
<td>130:127</td>
<td>T:C</td>
<td>1.02</td>
<td>0.04</td>
</tr>
<tr>
<td>rs11752450</td>
<td></td>
<td>43:53</td>
<td>G:A</td>
<td>0.81</td>
<td>1.04</td>
</tr>
<tr>
<td>rs1028792</td>
<td></td>
<td>73:60</td>
<td>G:C</td>
<td>1.22</td>
<td>1.27</td>
</tr>
<tr>
<td>rs9322836</td>
<td></td>
<td>123:127</td>
<td>T:C</td>
<td>0.97</td>
<td>0.06</td>
</tr>
<tr>
<td>rs9486069</td>
<td></td>
<td>156:143</td>
<td>G:A</td>
<td>1.09</td>
<td>0.57</td>
</tr>
<tr>
<td>rs6914611</td>
<td></td>
<td>84:73</td>
<td>C:T</td>
<td>1.15</td>
<td>0.77</td>
</tr>
<tr>
<td>rs10871983</td>
<td></td>
<td>125:118</td>
<td>G:A</td>
<td>1.06</td>
<td>0.20</td>
</tr>
<tr>
<td>rs720225</td>
<td></td>
<td>171:156</td>
<td>A:T</td>
<td>1.10</td>
<td>0.69</td>
</tr>
<tr>
<td>rs9320114</td>
<td></td>
<td>131:124</td>
<td>C:A</td>
<td>1.06</td>
<td>0.19</td>
</tr>
<tr>
<td>rs6568371</td>
<td></td>
<td>66:72</td>
<td>C:T</td>
<td>0.92</td>
<td>0.26</td>
</tr>
<tr>
<td>rs6927596</td>
<td></td>
<td>171:172</td>
<td>T:G</td>
<td>0.99</td>
<td>0.00</td>
</tr>
<tr>
<td>rs2802292</td>
<td></td>
<td>192:187</td>
<td>G:T</td>
<td>1.03</td>
<td>0.07</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th>rs</th>
<th>Location</th>
<th>Genotype</th>
<th>FYN</th>
<th>HDAC2</th>
<th>FABP7</th>
</tr>
</thead>
<tbody>
<tr>
<td>rs9480866</td>
<td>T:C</td>
<td>81:84</td>
<td>0.96</td>
<td>0.05</td>
<td>.82</td>
</tr>
<tr>
<td>rs12207868</td>
<td>C:T</td>
<td>69:67</td>
<td>1.03</td>
<td>0.03</td>
<td>.86</td>
</tr>
<tr>
<td>rs9400239</td>
<td>T:C</td>
<td>157:154</td>
<td>1.02</td>
<td>0.03</td>
<td>.86</td>
</tr>
<tr>
<td>rs3778586</td>
<td>A:G</td>
<td>75:79</td>
<td>0.95</td>
<td>0.10</td>
<td>.75</td>
</tr>
<tr>
<td>rs12207868</td>
<td>G:A</td>
<td>183:184</td>
<td>0.99</td>
<td>0.00</td>
<td>.96</td>
</tr>
<tr>
<td>rs6919400</td>
<td>G:A</td>
<td>192:194</td>
<td>0.99</td>
<td>0.01</td>
<td>.92</td>
</tr>
<tr>
<td>rs2344706</td>
<td>T:A</td>
<td>196:200</td>
<td>0.98</td>
<td>0.04</td>
<td>.84</td>
</tr>
<tr>
<td>rs11153111</td>
<td>G:A</td>
<td>78:65</td>
<td>1.20</td>
<td>1.18</td>
<td>.28</td>
</tr>
<tr>
<td>rs809193</td>
<td>C:T</td>
<td>133:117</td>
<td>1.14</td>
<td>1.02</td>
<td>.31</td>
</tr>
<tr>
<td>rs809192</td>
<td>A:G</td>
<td>140:125</td>
<td>1.12</td>
<td>0.85</td>
<td>.36</td>
</tr>
<tr>
<td>rs706895</td>
<td>C:T</td>
<td>138:129</td>
<td>1.07</td>
<td>0.30</td>
<td>.58</td>
</tr>
<tr>
<td>rs1321168</td>
<td>T:G</td>
<td>154:177</td>
<td>0.87</td>
<td>1.60</td>
<td>.21</td>
</tr>
<tr>
<td>rs6910116</td>
<td>G:A</td>
<td>172:199</td>
<td>0.86</td>
<td>1.97</td>
<td>.16</td>
</tr>
<tr>
<td>rs13218316</td>
<td>T:C</td>
<td>97:111</td>
<td>0.87</td>
<td>0.94</td>
<td>.33</td>
</tr>
<tr>
<td>rs11153111</td>
<td>C:T</td>
<td>189:176</td>
<td>1.07</td>
<td>0.46</td>
<td>.50</td>
</tr>
<tr>
<td>rs9384805</td>
<td>A:C</td>
<td>191:177</td>
<td>1.08</td>
<td>0.53</td>
<td>.47</td>
</tr>
<tr>
<td>rs9487724</td>
<td>C:G</td>
<td>81:67</td>
<td>1.21</td>
<td>1.32</td>
<td>.25</td>
</tr>
<tr>
<td>rs9387040</td>
<td>T:C</td>
<td>101:85</td>
<td>1.19</td>
<td>1.38</td>
<td>.24</td>
</tr>
<tr>
<td>rs927010</td>
<td>G:C</td>
<td>137:135</td>
<td>1.02</td>
<td>0.01</td>
<td>.90</td>
</tr>
<tr>
<td>rs1327202</td>
<td>T:C</td>
<td>79:62</td>
<td>1.27</td>
<td>2.05</td>
<td>.15</td>
</tr>
<tr>
<td>rs7749147</td>
<td>T:C</td>
<td>103:89</td>
<td>1.16</td>
<td>1.02</td>
<td>.31</td>
</tr>
<tr>
<td>rs10499061</td>
<td>A:G</td>
<td>44:48</td>
<td>0.92</td>
<td>0.17</td>
<td>.68</td>
</tr>
<tr>
<td>rs910684</td>
<td>C:G</td>
<td>36:42</td>
<td>0.86</td>
<td>0.46</td>
<td>.50</td>
</tr>
<tr>
<td>rs2042832</td>
<td>C:A</td>
<td>118:141</td>
<td>0.84</td>
<td>2.04</td>
<td>.15</td>
</tr>
<tr>
<td>rs1409837</td>
<td>G:A</td>
<td>59:74</td>
<td>0.80</td>
<td>1.69</td>
<td>.19</td>
</tr>
<tr>
<td>rs1535176</td>
<td>T:G</td>
<td>104:116</td>
<td>0.90</td>
<td>0.65</td>
<td>.42</td>
</tr>
<tr>
<td>rs9372316</td>
<td>C:T</td>
<td>144:167</td>
<td>0.86</td>
<td>1.70</td>
<td>.19</td>
</tr>
<tr>
<td>rs10499080</td>
<td>G:C</td>
<td>43:52</td>
<td>0.83</td>
<td>0.85</td>
<td>.36</td>
</tr>
<tr>
<td>rs10499079</td>
<td>T:C</td>
<td>66:70</td>
<td>0.94</td>
<td>0.12</td>
<td>.73</td>
</tr>
<tr>
<td>rs2499618</td>
<td>T:C</td>
<td>179:164</td>
<td>1.09</td>
<td>0.66</td>
<td>.42</td>
</tr>
<tr>
<td>rs2025191</td>
<td>C:T</td>
<td>125:131</td>
<td>0.95</td>
<td>0.14</td>
<td>.71</td>
</tr>
<tr>
<td>rs9385270</td>
<td>G:A</td>
<td>55:61</td>
<td>0.90</td>
<td>0.31</td>
<td>.58</td>
</tr>
<tr>
<td>SNP</td>
<td>Gene</td>
<td>Position</td>
<td>Minor</td>
<td>Major</td>
<td>Minor Allele</td>
</tr>
<tr>
<td>------------------</td>
<td>-------</td>
<td>----------</td>
<td>-------</td>
<td>-------</td>
<td>--------------</td>
</tr>
<tr>
<td>rs7764703</td>
<td></td>
<td>91</td>
<td>62:68</td>
<td>0.91</td>
<td>0.28</td>
</tr>
<tr>
<td>rs2243372</td>
<td></td>
<td>103</td>
<td>185:180</td>
<td>1.03</td>
<td>0.07</td>
</tr>
<tr>
<td>rs6899351</td>
<td></td>
<td>0.96</td>
<td>148:154</td>
<td>0.96</td>
<td>0.12</td>
</tr>
<tr>
<td>C6orf74</td>
<td>6</td>
<td>180:178</td>
<td>138:142</td>
<td>0.97</td>
<td>0.06</td>
</tr>
<tr>
<td>rs9491385</td>
<td></td>
<td>1.09</td>
<td>179:164</td>
<td>1.09</td>
<td>0.66</td>
</tr>
<tr>
<td>rs6899351</td>
<td></td>
<td>176:178</td>
<td>179:164</td>
<td>1.09</td>
<td>0.66</td>
</tr>
<tr>
<td>NCOA7</td>
<td>6</td>
<td>161</td>
<td>186:191</td>
<td>0.97</td>
<td>0.07</td>
</tr>
<tr>
<td>rs1739384</td>
<td></td>
<td>0.98</td>
<td>177:181</td>
<td>0.98</td>
<td>0.04</td>
</tr>
<tr>
<td>rs1268087</td>
<td></td>
<td>0.97</td>
<td>63:65</td>
<td>0.97</td>
<td>0.03</td>
</tr>
<tr>
<td>HEY2</td>
<td>6</td>
<td>0.99</td>
<td>176:178</td>
<td>0.99</td>
<td>0.01</td>
</tr>
<tr>
<td>rs9491385</td>
<td></td>
<td>1.10</td>
<td>189:171</td>
<td>1.10</td>
<td>0.90</td>
</tr>
<tr>
<td>NCOA7</td>
<td>6</td>
<td>0.99</td>
<td>187:189</td>
<td>0.99</td>
<td>0.01</td>
</tr>
<tr>
<td>rs614031</td>
<td></td>
<td>0.90</td>
<td>180:199</td>
<td>0.90</td>
<td>0.95</td>
</tr>
<tr>
<td>CITED2</td>
<td>6</td>
<td>0.90</td>
<td>180:199</td>
<td>0.90</td>
<td>0.95</td>
</tr>
<tr>
<td>rs12198662</td>
<td></td>
<td>1.08</td>
<td>125:116</td>
<td>1.08</td>
<td>0.34</td>
</tr>
<tr>
<td>TAC1</td>
<td>7</td>
<td>134:140</td>
<td>134:140</td>
<td>0.96</td>
<td>0.13</td>
</tr>
<tr>
<td>Gene</td>
<td>rs</td>
<td>SNP</td>
<td>Position</td>
<td>LogOR</td>
<td>P-value</td>
</tr>
<tr>
<td>--------</td>
<td>----</td>
<td>------</td>
<td>----------</td>
<td>-------</td>
<td>----------</td>
</tr>
<tr>
<td>PIK3CG</td>
<td>7</td>
<td>rs757903</td>
<td>A:G</td>
<td>149:141</td>
<td>1.06</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4727666</td>
<td>G:A</td>
<td>124:138</td>
<td>0.90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs12667819</td>
<td>A:G</td>
<td>181:192</td>
<td>0.94</td>
</tr>
<tr>
<td>SLC18A1</td>
<td>8</td>
<td>rs7013494</td>
<td>C:T</td>
<td>85:77</td>
<td>1.10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs7003858</td>
<td>G:A</td>
<td>166:144</td>
<td>1.15</td>
</tr>
<tr>
<td>FZD3</td>
<td>8</td>
<td>rs1908916</td>
<td>A:C</td>
<td>66:64</td>
<td>1.03</td>
</tr>
<tr>
<td>NRG1</td>
<td>8</td>
<td>rs7000831</td>
<td>A:T</td>
<td>83:81</td>
<td>1.02</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th>SNP</th>
<th>Marker</th>
<th>Position</th>
<th>Genotype</th>
<th>Minor Allele Frequency</th>
<th>Major Allele Frequency</th>
<th>p-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>rs2466089</td>
<td>C:G</td>
<td>85:93</td>
<td>0.91</td>
<td>0.36</td>
<td>.55</td>
<td>.54</td>
</tr>
<tr>
<td>rs10503929</td>
<td>G:A</td>
<td>129:123</td>
<td>1.05</td>
<td>0.14</td>
<td>.71</td>
<td>.71</td>
</tr>
<tr>
<td>rs3735781</td>
<td>C:T</td>
<td>181:187</td>
<td>0.97</td>
<td>0.10</td>
<td>.75</td>
<td>.99</td>
</tr>
<tr>
<td>rs1967328</td>
<td>T:G</td>
<td>154:141</td>
<td>1.09</td>
<td>0.57</td>
<td>.45</td>
<td>.52</td>
</tr>
<tr>
<td>rs2268432</td>
<td>T:G</td>
<td>94:85</td>
<td>1.11</td>
<td>0.45</td>
<td>.50</td>
<td>.52</td>
</tr>
<tr>
<td>rs3815882</td>
<td>T:C</td>
<td>82:79</td>
<td>1.04</td>
<td>0.06</td>
<td>.81</td>
<td>.99</td>
</tr>
<tr>
<td>rs212821</td>
<td>C:T</td>
<td>170:147</td>
<td>1.16</td>
<td>1.67</td>
<td>.20</td>
<td>.23</td>
</tr>
<tr>
<td>rs2955004</td>
<td>C:G</td>
<td>168:146</td>
<td>1.15</td>
<td>1.54</td>
<td>.21</td>
<td>.24</td>
</tr>
<tr>
<td>rs2955003</td>
<td>A:T</td>
<td>166:186</td>
<td>0.89</td>
<td>1.14</td>
<td>.29</td>
<td>.30</td>
</tr>
<tr>
<td>rs1967328</td>
<td>G:A</td>
<td>64:63</td>
<td>1.02</td>
<td>0.01</td>
<td>.93</td>
<td>.99</td>
</tr>
<tr>
<td>rs6984896</td>
<td>A:G</td>
<td>134:125</td>
<td>1.07</td>
<td>0.31</td>
<td>.58</td>
<td>.86</td>
</tr>
<tr>
<td>rs12675121</td>
<td>C:T</td>
<td>97:112</td>
<td>0.87</td>
<td>1.08</td>
<td>.30</td>
<td>.30</td>
</tr>
<tr>
<td>rs765694</td>
<td>C:T</td>
<td>107:126</td>
<td>0.85</td>
<td>1.55</td>
<td>.21</td>
<td>.21</td>
</tr>
<tr>
<td>rs2884203</td>
<td>T:C</td>
<td>97:91</td>
<td>1.07</td>
<td>0.19</td>
<td>.66</td>
<td>.62</td>
</tr>
<tr>
<td>rs4460107</td>
<td>G:A</td>
<td>176:183</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs293979</td>
<td>T:C</td>
<td>178:187</td>
<td>0.95</td>
<td>0.22</td>
<td>.64</td>
<td>.75</td>
</tr>
<tr>
<td>rs1006285</td>
<td>T:A</td>
<td>43:40</td>
<td>1.08</td>
<td>0.11</td>
<td>.74</td>
<td>.86</td>
</tr>
<tr>
<td>rs1469264</td>
<td>T:C</td>
<td>182:184</td>
<td>0.99</td>
<td>0.01</td>
<td>.92</td>
<td>.99</td>
</tr>
<tr>
<td>rs10505600</td>
<td>C:G</td>
<td>73:65</td>
<td>1.12</td>
<td>0.46</td>
<td>.50</td>
<td>.56</td>
</tr>
<tr>
<td>rs235436</td>
<td>G:A</td>
<td>194:186</td>
<td>1.04</td>
<td>0.17</td>
<td>.68</td>
<td>.71</td>
</tr>
<tr>
<td>rs235437</td>
<td>T:C</td>
<td>179:159</td>
<td>1.13</td>
<td>1.18</td>
<td>.28</td>
<td>.16</td>
</tr>
<tr>
<td>rs10505605</td>
<td>C:T</td>
<td>172:173</td>
<td>0.99</td>
<td>0.00</td>
<td>.96</td>
<td>.99</td>
</tr>
<tr>
<td>rs4736640</td>
<td>C:A</td>
<td>130:130</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2013158</td>
<td>A:C</td>
<td>119:128</td>
<td>0.93</td>
<td>0.33</td>
<td>.57</td>
<td>.86</td>
</tr>
<tr>
<td>rs3739262</td>
<td>A:G</td>
<td>131:136</td>
<td>0.96</td>
<td>0.09</td>
<td>.76</td>
<td>.86</td>
</tr>
<tr>
<td>rs2929986</td>
<td>A:G</td>
<td>187:160</td>
<td>1.17</td>
<td>2.10</td>
<td>.15</td>
<td>.16</td>
</tr>
<tr>
<td>rs2930000</td>
<td>G:A</td>
<td>128:145</td>
<td>0.88</td>
<td>1.06</td>
<td>.30</td>
<td>.56</td>
</tr>
<tr>
<td>rs2977530</td>
<td>T:C</td>
<td>181:140</td>
<td>1.29</td>
<td>5.24</td>
<td>.02</td>
<td>.02</td>
</tr>
<tr>
<td>rs2929934</td>
<td>A:C</td>
<td>187:157</td>
<td>1.19</td>
<td>2.62</td>
<td>.11</td>
<td>.10</td>
</tr>
<tr>
<td>rs2977536</td>
<td>C:G</td>
<td>167:182</td>
<td>0.92</td>
<td>0.64</td>
<td>.42</td>
<td>.39</td>
</tr>
<tr>
<td>rs2977537</td>
<td>A:G</td>
<td>75:87</td>
<td>0.86</td>
<td>0.89</td>
<td>.35</td>
<td>.39</td>
</tr>
<tr>
<td>rs6992383</td>
<td>G:A</td>
<td>176:196</td>
<td>0.90</td>
<td>1.08</td>
<td>.30</td>
<td>.47</td>
</tr>
<tr>
<td>rs2272645</td>
<td>T:A</td>
<td>193:180</td>
<td>1.07</td>
<td>0.45</td>
<td>.50</td>
<td>.44</td>
</tr>
<tr>
<td>rs6982341</td>
<td>T:C</td>
<td>180:200</td>
<td>0.90</td>
<td>1.05</td>
<td>.30</td>
<td>.43</td>
</tr>
<tr>
<td>SNP</td>
<td>Allele</td>
<td>Minor Allele</td>
<td>Major Allele</td>
<td>Minor Allele Count</td>
<td>Major Allele Count</td>
<td>Minor Allele Frequency</td>
</tr>
<tr>
<td>--------------</td>
<td>--------</td>
<td>--------------</td>
<td>--------------</td>
<td>--------------------</td>
<td>--------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>rs10956697</td>
<td>A:C</td>
<td>51:63</td>
<td>O.81</td>
<td>1.26</td>
<td>.26</td>
<td>.32</td>
</tr>
<tr>
<td>rs3739261</td>
<td>G:A</td>
<td>160:181</td>
<td>0.88</td>
<td>1.29</td>
<td>.26</td>
<td>.30</td>
</tr>
<tr>
<td>rs2929969</td>
<td>G:A</td>
<td>84:98</td>
<td>0.86</td>
<td>1.08</td>
<td>.30</td>
<td>.25</td>
</tr>
<tr>
<td>rs2977549</td>
<td>G:A</td>
<td>164:197</td>
<td>0.83</td>
<td>3.02</td>
<td>.08</td>
<td>.08</td>
</tr>
<tr>
<td>rs2977552</td>
<td>A:G</td>
<td>66:63</td>
<td>1.05</td>
<td>0.07</td>
<td>.79</td>
<td>.69</td>
</tr>
<tr>
<td>rs3739261</td>
<td>G:A</td>
<td>160:181</td>
<td>0.88</td>
<td>1.29</td>
<td>.26</td>
<td>.30</td>
</tr>
<tr>
<td>rs2929969</td>
<td>G:A</td>
<td>84:98</td>
<td>0.86</td>
<td>1.08</td>
<td>.30</td>
<td>.25</td>
</tr>
<tr>
<td>rs2977549</td>
<td>G:A</td>
<td>164:197</td>
<td>0.83</td>
<td>3.02</td>
<td>.08</td>
<td>.08</td>
</tr>
<tr>
<td>rs2977552</td>
<td>A:G</td>
<td>66:63</td>
<td>1.05</td>
<td>0.07</td>
<td>.79</td>
<td>.69</td>
</tr>
<tr>
<td>rs2458</td>
<td>T:C</td>
<td>112:114</td>
<td>0.98</td>
<td>0.02</td>
<td>.89</td>
<td>.96</td>
</tr>
<tr>
<td>rs2142306</td>
<td>G:A</td>
<td>185:180</td>
<td>1.03</td>
<td>0.07</td>
<td>.79</td>
<td>.65</td>
</tr>
<tr>
<td>rs2736869</td>
<td>T:C</td>
<td>169:169</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2736872</td>
<td>G:A</td>
<td>181:188</td>
<td>0.96</td>
<td>0.13</td>
<td>.72</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2075823</td>
<td>A:G</td>
<td>124:100</td>
<td>1.24</td>
<td>2.57</td>
<td>.11</td>
<td>.13</td>
</tr>
<tr>
<td>rs6986303</td>
<td>A:G</td>
<td>162:132</td>
<td>1.23</td>
<td>3.06</td>
<td>.08</td>
<td>.12</td>
</tr>
<tr>
<td>rs9643297</td>
<td>G:A</td>
<td>142:187</td>
<td>0.76</td>
<td>6.16</td>
<td>.01</td>
<td>.02</td>
</tr>
<tr>
<td>rs7835464</td>
<td>A:G</td>
<td>22:47</td>
<td>0.47</td>
<td>9.06</td>
<td>.003</td>
<td>.003</td>
</tr>
<tr>
<td>rs2737422</td>
<td>G:A</td>
<td>179:187</td>
<td>0.96</td>
<td>0.17</td>
<td>.68</td>
<td>.86</td>
</tr>
<tr>
<td>rs1048471</td>
<td>A:G</td>
<td>180:178</td>
<td>1.01</td>
<td>0.01</td>
<td>.92</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2142307</td>
<td>A:G</td>
<td>176:158</td>
<td>1.11</td>
<td>0.97</td>
<td>.32</td>
<td>.31</td>
</tr>
<tr>
<td>rs4736678</td>
<td>A:G</td>
<td>176:164</td>
<td>1.07</td>
<td>0.42</td>
<td>.52</td>
<td>.71</td>
</tr>
<tr>
<td>rs4736681</td>
<td>G:T</td>
<td>172:170</td>
<td>1.01</td>
<td>0.01</td>
<td>.91</td>
<td>.86</td>
</tr>
<tr>
<td>rs7842258</td>
<td>C:G</td>
<td>93:112</td>
<td>0.83</td>
<td>1.76</td>
<td>.18</td>
<td>.23</td>
</tr>
<tr>
<td>rs6471128</td>
<td>C:G</td>
<td>178:151</td>
<td>1.18</td>
<td>2.22</td>
<td>.14</td>
<td>.13</td>
</tr>
<tr>
<td>rs3739257</td>
<td>A:G</td>
<td>74:86</td>
<td>0.86</td>
<td>0.90</td>
<td>.34</td>
<td>.24</td>
</tr>
<tr>
<td>rs3802258</td>
<td>A:G</td>
<td>60:76</td>
<td>0.79</td>
<td>1.88</td>
<td>.17</td>
<td>.13</td>
</tr>
<tr>
<td>rs4736684</td>
<td>G:C</td>
<td>117:121</td>
<td>0.97</td>
<td>0.07</td>
<td>.80</td>
<td>.80</td>
</tr>
<tr>
<td>rs11776461</td>
<td>T:C</td>
<td>211:209</td>
<td>1.01</td>
<td>0.01</td>
<td>.92</td>
<td>.86</td>
</tr>
<tr>
<td>rs6995270</td>
<td>A:G</td>
<td>217:215</td>
<td>1.01</td>
<td>0.01</td>
<td>.92</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1003316</td>
<td>T:A</td>
<td>171:164</td>
<td>1.04</td>
<td>0.15</td>
<td>.70</td>
<td>.75</td>
</tr>
<tr>
<td>rs6989475</td>
<td>G:A</td>
<td>67:74</td>
<td>0.91</td>
<td>0.35</td>
<td>.56</td>
<td>.50</td>
</tr>
<tr>
<td>rs2978016</td>
<td>C:T</td>
<td>119:106</td>
<td>1.12</td>
<td>0.75</td>
<td>.39</td>
<td>.31</td>
</tr>
<tr>
<td>rs1518894</td>
<td>T:C</td>
<td>110:98</td>
<td>1.12</td>
<td>0.69</td>
<td>.41</td>
<td>.36</td>
</tr>
<tr>
<td>rs1518893</td>
<td>G:A</td>
<td>132:110</td>
<td>1.20</td>
<td>2.00</td>
<td>.16</td>
<td>.12</td>
</tr>
<tr>
<td>rs2978043</td>
<td>C:T</td>
<td>189:182</td>
<td>1.04</td>
<td>0.13</td>
<td>.72</td>
<td>.86</td>
</tr>
<tr>
<td>rs721591</td>
<td>G:C</td>
<td>94:109</td>
<td>0.86</td>
<td>1.11</td>
<td>.29</td>
<td>.21</td>
</tr>
<tr>
<td>rs2945747</td>
<td>C:A</td>
<td>168:154</td>
<td>1.09</td>
<td>0.61</td>
<td>.44</td>
<td>.28</td>
</tr>
<tr>
<td>rs2945746</td>
<td>C:A</td>
<td>188:186</td>
<td>1.01</td>
<td>0.01</td>
<td>.92</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>rs939027</td>
<td>G:C</td>
<td>183:162</td>
<td>1.13</td>
<td>1.28</td>
<td>.26</td>
<td>.34</td>
</tr>
<tr>
<td>rs2978012</td>
<td>A:G</td>
<td>155:198</td>
<td>0.78</td>
<td>5.24</td>
<td>.02</td>
<td>.03</td>
</tr>
<tr>
<td>rs1518895</td>
<td>C:T</td>
<td>146:130</td>
<td>1.12</td>
<td>0.93</td>
<td>.34</td>
<td>.37</td>
</tr>
<tr>
<td>rs1554326</td>
<td>T:C</td>
<td>144:136</td>
<td>1.06</td>
<td>0.23</td>
<td>.63</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2978023</td>
<td>G:A</td>
<td>167:195</td>
<td>0.86</td>
<td>2.17</td>
<td>.14</td>
<td>.11</td>
</tr>
<tr>
<td>rs7018169</td>
<td>G:T</td>
<td>196:180</td>
<td>1.09</td>
<td>0.68</td>
<td>.41</td>
<td>.43</td>
</tr>
<tr>
<td>rs7829120</td>
<td>C:A</td>
<td>186:189</td>
<td>0.98</td>
<td>0.02</td>
<td>.88</td>
<td>.86</td>
</tr>
<tr>
<td>rs3758105</td>
<td>C:T</td>
<td>70:47</td>
<td>1.49</td>
<td>4.52</td>
<td>.03</td>
<td>.04</td>
</tr>
<tr>
<td>rs4526340</td>
<td>T:C</td>
<td>86:95</td>
<td>0.91</td>
<td>0.45</td>
<td>.50</td>
<td>.69</td>
</tr>
<tr>
<td>rs7820233</td>
<td>G:C</td>
<td>178:199</td>
<td>0.89</td>
<td>1.17</td>
<td>.28</td>
<td>.22</td>
</tr>
<tr>
<td>rs1829402</td>
<td>T:C</td>
<td>51:36</td>
<td>1.42</td>
<td>2.59</td>
<td>.11</td>
<td>.11</td>
</tr>
<tr>
<td>rs2272675</td>
<td>T:C</td>
<td>183:204</td>
<td>0.90</td>
<td>1.14</td>
<td>.29</td>
<td>.21</td>
</tr>
<tr>
<td>rs2922467</td>
<td>G:C</td>
<td>153:137</td>
<td>1.12</td>
<td>0.88</td>
<td>.35</td>
<td>.40</td>
</tr>
<tr>
<td>rs1554324</td>
<td>C:T</td>
<td>209:174</td>
<td>1.20</td>
<td>3.20</td>
<td>.07</td>
<td>.11</td>
</tr>
<tr>
<td>rs1464241</td>
<td>T:C</td>
<td>146:128</td>
<td>1.14</td>
<td>1.18</td>
<td>.28</td>
<td>.26</td>
</tr>
<tr>
<td>rs2404005</td>
<td>T:A</td>
<td>117:92</td>
<td>1.27</td>
<td>2.99</td>
<td>.08</td>
<td>.11</td>
</tr>
<tr>
<td>PLAA    9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs4977723</td>
<td>A:T</td>
<td>163:160</td>
<td>1.02</td>
<td>0.03</td>
<td>.87</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs7863476</td>
<td>A:G</td>
<td>123:118</td>
<td>1.04</td>
<td>0.10</td>
<td>.73</td>
<td>.71</td>
</tr>
<tr>
<td>rs12003612</td>
<td>T:C</td>
<td>79:71</td>
<td>1.11</td>
<td>0.43</td>
<td>.51</td>
<td>.44</td>
</tr>
<tr>
<td>rs12004732</td>
<td>A:C</td>
<td>103:105</td>
<td>0.98</td>
<td>0.02</td>
<td>.89</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>BAG1    9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs706118</td>
<td>G:T</td>
<td>144:121</td>
<td>1.19</td>
<td>2.00</td>
<td>.16</td>
<td>.21</td>
</tr>
<tr>
<td>rs706121</td>
<td>G:A</td>
<td>125:101</td>
<td>1.24</td>
<td>2.55</td>
<td>.11</td>
<td>.18</td>
</tr>
<tr>
<td>rs3758270</td>
<td>G:A</td>
<td>36:40</td>
<td>0.90</td>
<td>0.21</td>
<td>.65</td>
<td>.63</td>
</tr>
<tr>
<td>HSPA5   9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs599063</td>
<td>C:T</td>
<td>41:46</td>
<td>0.89</td>
<td>0.29</td>
<td>.59</td>
<td>.65</td>
</tr>
<tr>
<td>rs12009</td>
<td>C:T</td>
<td>202:206</td>
<td>0.98</td>
<td>0.04</td>
<td>.84</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>PTGES   9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs4636306</td>
<td>A:G</td>
<td>102:128</td>
<td>0.80</td>
<td>2.94</td>
<td>.09</td>
<td>.10</td>
</tr>
<tr>
<td>rs10739757</td>
<td>C:T</td>
<td>66:67</td>
<td>0.99</td>
<td>0.01</td>
<td>.93</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs10448290</td>
<td>A:G</td>
<td>62:63</td>
<td>0.98</td>
<td>0.01</td>
<td>.93</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs920658</td>
<td>T:C</td>
<td>53:51</td>
<td>1.04</td>
<td>0.04</td>
<td>.84</td>
<td>.80</td>
</tr>
<tr>
<td>rs10118377</td>
<td>T:C</td>
<td>147:134</td>
<td>1.10</td>
<td>0.60</td>
<td>.44</td>
<td>.36</td>
</tr>
<tr>
<td>CREM    10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs10827493</td>
<td>T:C</td>
<td>162:162</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1531550</td>
<td>A:C</td>
<td>119:106</td>
<td>1.12</td>
<td>0.75</td>
<td>.39</td>
<td>.44</td>
</tr>
<tr>
<td>rs1148247</td>
<td>T:C</td>
<td>179:197</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>Gene</td>
<td>Chromosome</td>
<td>SNP ID</td>
<td>Reference</td>
<td>Chromosomal Position</td>
<td>Minor Allele</td>
<td>Minor Allele Frequency</td>
</tr>
<tr>
<td>--------</td>
<td>------------</td>
<td>-----------</td>
<td>-----------</td>
<td>----------------------</td>
<td>--------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>MINPP1</td>
<td>10</td>
<td>rs3758478</td>
<td>T:C</td>
<td>167:146</td>
<td></td>
<td>1.14</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3847450</td>
<td>T:A</td>
<td>182:194</td>
<td></td>
<td>0.94</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3847452</td>
<td>C:T</td>
<td>101:114</td>
<td></td>
<td>0.89</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1408377</td>
<td>T:C</td>
<td>124:112</td>
<td></td>
<td>1.11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2077871</td>
<td>G:T</td>
<td>201:192</td>
<td></td>
<td>1.05</td>
</tr>
<tr>
<td>FRAT1</td>
<td>10</td>
<td>rs10786327</td>
<td>C:T</td>
<td>200:158</td>
<td></td>
<td>1.27</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3740512</td>
<td>G:A</td>
<td>194:167</td>
<td></td>
<td>1.16</td>
</tr>
<tr>
<td>ILK</td>
<td>11</td>
<td>rs4758437</td>
<td>G:A</td>
<td>67:83</td>
<td></td>
<td>0.81</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs960456</td>
<td>C:G</td>
<td>166:160</td>
<td></td>
<td>1.04</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2288283</td>
<td>C:T</td>
<td>104:112</td>
<td></td>
<td>0.93</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2048092</td>
<td>C:T</td>
<td>178:192</td>
<td></td>
<td>0.93</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1043388</td>
<td>A:G</td>
<td>170:131</td>
<td></td>
<td>1.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1043390</td>
<td>A:G</td>
<td>169:130</td>
<td></td>
<td>1.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2292195</td>
<td>T:C</td>
<td>129:154</td>
<td></td>
<td>0.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1800733</td>
<td>T:A</td>
<td>123:100</td>
<td></td>
<td>1.23</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1800745</td>
<td>C:T</td>
<td>129:154</td>
<td></td>
<td>0.84</td>
</tr>
<tr>
<td>TPH1</td>
<td>11</td>
<td>rs211102</td>
<td>A:G</td>
<td>114:106</td>
<td></td>
<td>1.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1800532</td>
<td>T:G</td>
<td>160:171</td>
<td></td>
<td>0.94</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2056246</td>
<td>T:G</td>
<td>160:171</td>
<td></td>
<td>0.96</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1048683</td>
<td>G:A</td>
<td>168:185</td>
<td></td>
<td>0.91</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1048682</td>
<td>A:T</td>
<td>127:151</td>
<td></td>
<td>0.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs623580</td>
<td>T:A</td>
<td>167:138</td>
<td></td>
<td>1.21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1079785</td>
<td>A:G</td>
<td>185:178</td>
<td></td>
<td>1.04</td>
</tr>
<tr>
<td>BDNF</td>
<td>11</td>
<td>rs4363549</td>
<td>G:A</td>
<td>102:94</td>
<td></td>
<td>1.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>hCV102787</td>
<td>T:C</td>
<td>80:73</td>
<td></td>
<td>1.10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4923445</td>
<td>G:A</td>
<td>97:92</td>
<td></td>
<td>1.05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>hCV1177022</td>
<td>C:T</td>
<td>65:68</td>
<td></td>
<td>0.96</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6484313</td>
<td>C:T</td>
<td>142:134</td>
<td></td>
<td>1.06</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2352802</td>
<td>C:T</td>
<td>115:104</td>
<td></td>
<td>1.11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1038660</td>
<td>T:G</td>
<td>118:107</td>
<td></td>
<td>1.10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1013442</td>
<td>A:T</td>
<td>137:134</td>
<td></td>
<td>1.02</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1565228</td>
<td>G:C</td>
<td>61:47</td>
<td></td>
<td>1.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11030076</td>
<td>A:G</td>
<td>191:165</td>
<td></td>
<td>1.16</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1387144</td>
<td>C:A</td>
<td>192:179</td>
<td></td>
<td>1.07</td>
</tr>
<tr>
<td>SNP</td>
<td>Chromosome</td>
<td>Position</td>
<td>Log10(p)</td>
<td>Odds Ratio</td>
<td>p (2)</td>
<td>p (3)</td>
</tr>
<tr>
<td>--------------</td>
<td>------------</td>
<td>----------</td>
<td>----------</td>
<td>------------</td>
<td>-------</td>
<td>-------</td>
</tr>
<tr>
<td>rs879048</td>
<td>C:A</td>
<td>142:124</td>
<td>1.14</td>
<td>1.22</td>
<td>.27</td>
<td>.25</td>
</tr>
<tr>
<td>rs11030096</td>
<td>C:T</td>
<td>167:196</td>
<td>0.85</td>
<td>2.32</td>
<td>.13</td>
<td>.11</td>
</tr>
<tr>
<td>rs1691204</td>
<td>G:C</td>
<td>141:122</td>
<td>1.16</td>
<td>1.37</td>
<td>.24</td>
<td>.25</td>
</tr>
<tr>
<td>rs7124442</td>
<td>G:A</td>
<td>149:144</td>
<td>1.04</td>
<td>0.09</td>
<td>.77</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs11030101</td>
<td>A:T</td>
<td>172:193</td>
<td>0.89</td>
<td>1.21</td>
<td>.27</td>
<td>.31</td>
</tr>
<tr>
<td>rs11030102</td>
<td>G:C</td>
<td>126:120</td>
<td>1.05</td>
<td>0.15</td>
<td>.70</td>
<td>.75</td>
</tr>
<tr>
<td>rs10835210</td>
<td>T:G</td>
<td>177:195</td>
<td>0.91</td>
<td>0.87</td>
<td>.35</td>
<td>.34</td>
</tr>
<tr>
<td>rs7103411</td>
<td>G:A</td>
<td>146:126</td>
<td>1.16</td>
<td>1.47</td>
<td>.23</td>
<td>.26</td>
</tr>
<tr>
<td>rs2030323</td>
<td>A:C</td>
<td>146:126</td>
<td>1.16</td>
<td>1.47</td>
<td>.23</td>
<td>.26</td>
</tr>
<tr>
<td>rs7934165</td>
<td>T:C</td>
<td>173:183</td>
<td>0.95</td>
<td>0.28</td>
<td>.60</td>
<td>.58</td>
</tr>
<tr>
<td>rs12273363</td>
<td>C:T</td>
<td>101:114</td>
<td>0.89</td>
<td>0.79</td>
<td>.38</td>
<td>.40</td>
</tr>
<tr>
<td>rs908867</td>
<td>A:G</td>
<td>76:68</td>
<td>1.12</td>
<td>0.44</td>
<td>.51</td>
<td>.54</td>
</tr>
<tr>
<td>rs1491850</td>
<td>G:A</td>
<td>192:177</td>
<td>1.08</td>
<td>0.61</td>
<td>.43</td>
<td>.37</td>
</tr>
<tr>
<td>rs1491851</td>
<td>A:G</td>
<td>199:186</td>
<td>1.07</td>
<td>0.44</td>
<td>.51</td>
<td>.54</td>
</tr>
<tr>
<td>rs1157659</td>
<td>C:T</td>
<td>176:195</td>
<td>0.90</td>
<td>0.97</td>
<td>.32</td>
<td>.44</td>
</tr>
<tr>
<td>rs1552736</td>
<td>T:C</td>
<td>185:156</td>
<td>1.19</td>
<td>2.47</td>
<td>.12</td>
<td>.23</td>
</tr>
<tr>
<td>rs7483883</td>
<td>C:T</td>
<td>176:163</td>
<td>1.08</td>
<td>0.50</td>
<td>.48</td>
<td>.69</td>
</tr>
<tr>
<td>BAD</td>
<td>11</td>
<td>A:G</td>
<td>160:180</td>
<td>0.89</td>
<td>1.18</td>
<td>.28</td>
</tr>
<tr>
<td>rs660442</td>
<td>T:C</td>
<td>137:105</td>
<td>1.30</td>
<td>4.23</td>
<td>.04</td>
<td>.03</td>
</tr>
<tr>
<td>rs477895</td>
<td>G:A</td>
<td>83:111</td>
<td>0.75</td>
<td>4.04</td>
<td>.04</td>
<td>.051</td>
</tr>
<tr>
<td>FZD4</td>
<td>11</td>
<td>T:C</td>
<td>198:167</td>
<td>1.19</td>
<td>2.63</td>
<td>.10</td>
</tr>
<tr>
<td>rs1089563</td>
<td>C:T</td>
<td>167:203</td>
<td>0.82</td>
<td>3.50</td>
<td>.06</td>
<td>.06</td>
</tr>
<tr>
<td>rs3758657</td>
<td>G:A</td>
<td>40:40</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs7925666</td>
<td>A:G</td>
<td>144:148</td>
<td>0.97</td>
<td>0.05</td>
<td>.81</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>qc</td>
<td>11</td>
<td>C:G</td>
<td>211:176</td>
<td>1.20</td>
<td>3.17</td>
<td>.08</td>
</tr>
<tr>
<td>CENTG1</td>
<td>12</td>
<td>C:A</td>
<td>169:163</td>
<td>1.04</td>
<td>0.11</td>
<td>.74</td>
</tr>
<tr>
<td>rs12368653</td>
<td>A:G</td>
<td>176:168</td>
<td>1.05</td>
<td>0.19</td>
<td>.67</td>
<td>.59</td>
</tr>
<tr>
<td>rs2270777</td>
<td>A:G</td>
<td>163:165</td>
<td>0.99</td>
<td>0.01</td>
<td>.91</td>
<td>.86</td>
</tr>
<tr>
<td>TPH2</td>
<td>12</td>
<td>G:C</td>
<td>82:94</td>
<td>0.87</td>
<td>0.82</td>
<td>.37</td>
</tr>
<tr>
<td>rs10748185</td>
<td>A:G</td>
<td>187:179</td>
<td>1.04</td>
<td>0.17</td>
<td>.68</td>
<td>.59</td>
</tr>
<tr>
<td>rs2129575</td>
<td>T:G</td>
<td>126:134</td>
<td>0.94</td>
<td>0.25</td>
<td>.62</td>
<td>.65</td>
</tr>
<tr>
<td>rs1386494</td>
<td>T:C</td>
<td>106:123</td>
<td>0.86</td>
<td>1.26</td>
<td>.26</td>
<td>.28</td>
</tr>
<tr>
<td>rs10506645</td>
<td>T:C</td>
<td>141:129</td>
<td>1.09</td>
<td>0.53</td>
<td>.47</td>
<td>.42</td>
</tr>
<tr>
<td>rs4760754</td>
<td>T:G</td>
<td>189:198</td>
<td>0.95</td>
<td>0.21</td>
<td>.63</td>
<td>.63</td>
</tr>
<tr>
<td>SNP</td>
<td>Gene</td>
<td>Chr</td>
<td>Position</td>
<td>Minor Allele</td>
<td>Major Allele</td>
<td>Minor Allele MAF</td>
</tr>
<tr>
<td>----------</td>
<td>------</td>
<td>-----</td>
<td>----------</td>
<td>--------------</td>
<td>--------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>rs1487276</td>
<td>A:G</td>
<td>117:119</td>
<td>0.98</td>
<td>0.02</td>
<td>.90</td>
<td>.86</td>
</tr>
<tr>
<td>rs9325202</td>
<td>T:C</td>
<td>194:176</td>
<td>1.10</td>
<td>0.88</td>
<td>.35</td>
<td>.36</td>
</tr>
<tr>
<td>rs1487275</td>
<td>C:A</td>
<td>160:160</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1872824</td>
<td>A:G</td>
<td>176:208</td>
<td>0.85</td>
<td>2.67</td>
<td>.10</td>
<td>.16</td>
</tr>
<tr>
<td>rs6539344</td>
<td>G:T</td>
<td>176:183</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs7300645</td>
<td>A:C</td>
<td>151:177</td>
<td>0.85</td>
<td>2.06</td>
<td>.15</td>
<td>.18</td>
</tr>
<tr>
<td>rs7315397</td>
<td>A:G</td>
<td>91:65</td>
<td>1.40</td>
<td>4.33</td>
<td>.04</td>
<td>.06</td>
</tr>
<tr>
<td>rs11609641</td>
<td>A:G</td>
<td>88:94</td>
<td>0.94</td>
<td>0.20</td>
<td>.66</td>
<td>.69</td>
</tr>
<tr>
<td>rs10861941</td>
<td>C:T</td>
<td>163:153</td>
<td>1.06</td>
<td>0.32</td>
<td>.57</td>
<td>.86</td>
</tr>
<tr>
<td>rs1245769</td>
<td>A:G</td>
<td>166:169</td>
<td>0.98</td>
<td>0.03</td>
<td>.87</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1245767</td>
<td>A:G</td>
<td>168:170</td>
<td>0.99</td>
<td>0.01</td>
<td>.91</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1358243</td>
<td>G:A</td>
<td>91:114</td>
<td>0.80</td>
<td>2.58</td>
<td>.11</td>
<td>.09</td>
</tr>
<tr>
<td>rs8176913</td>
<td>A:G</td>
<td>113:102</td>
<td>1.11</td>
<td>0.56</td>
<td>.45</td>
<td>.63</td>
</tr>
<tr>
<td>rs2463107</td>
<td>C:A</td>
<td>141:130</td>
<td>1.08</td>
<td>0.45</td>
<td>.50</td>
<td>.86</td>
</tr>
<tr>
<td>rs12369297</td>
<td>T:A</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs7315397</td>
<td>A:G</td>
<td>68:67</td>
<td>1.02</td>
<td>0.01</td>
<td>.93</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1439123</td>
<td>C:T</td>
<td>125:125</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs7299536</td>
<td>A:G</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs2060175</td>
<td>T:C</td>
<td>155:150</td>
<td>1.03</td>
<td>0.08</td>
<td>.77</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1358243</td>
<td>G:A</td>
<td>91:114</td>
<td>0.80</td>
<td>2.58</td>
<td>.11</td>
<td>.09</td>
</tr>
<tr>
<td>rs2251214</td>
<td>A:G</td>
<td>124:140</td>
<td>0.89</td>
<td>0.97</td>
<td>.32</td>
<td>.27</td>
</tr>
<tr>
<td>rs8176913</td>
<td>A:G</td>
<td>113:102</td>
<td>1.11</td>
<td>0.56</td>
<td>.45</td>
<td>.63</td>
</tr>
<tr>
<td>rs2463107</td>
<td>C:A</td>
<td>141:130</td>
<td>1.08</td>
<td>0.45</td>
<td>.50</td>
<td>.86</td>
</tr>
<tr>
<td>rs12369297</td>
<td>T:A</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs7315397</td>
<td>A:G</td>
<td>68:67</td>
<td>1.02</td>
<td>0.01</td>
<td>.93</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1439123</td>
<td>C:T</td>
<td>125:125</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs7299536</td>
<td>A:G</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs2060175</td>
<td>T:C</td>
<td>155:150</td>
<td>1.03</td>
<td>0.08</td>
<td>.77</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1358243</td>
<td>G:A</td>
<td>91:114</td>
<td>0.80</td>
<td>2.58</td>
<td>.11</td>
<td>.09</td>
</tr>
<tr>
<td>rs2251214</td>
<td>A:G</td>
<td>124:140</td>
<td>0.89</td>
<td>0.97</td>
<td>.32</td>
<td>.27</td>
</tr>
<tr>
<td>rs8176913</td>
<td>A:G</td>
<td>113:102</td>
<td>1.11</td>
<td>0.56</td>
<td>.45</td>
<td>.63</td>
</tr>
<tr>
<td>rs2463107</td>
<td>C:A</td>
<td>141:130</td>
<td>1.08</td>
<td>0.45</td>
<td>.50</td>
<td>.86</td>
</tr>
<tr>
<td>rs12369297</td>
<td>T:A</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs7315397</td>
<td>A:G</td>
<td>68:67</td>
<td>1.02</td>
<td>0.01</td>
<td>.93</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1439123</td>
<td>C:T</td>
<td>125:125</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs7299536</td>
<td>A:G</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs2060175</td>
<td>T:C</td>
<td>155:150</td>
<td>1.03</td>
<td>0.08</td>
<td>.77</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1358243</td>
<td>G:A</td>
<td>91:114</td>
<td>0.80</td>
<td>2.58</td>
<td>.11</td>
<td>.09</td>
</tr>
<tr>
<td>rs2251214</td>
<td>A:G</td>
<td>124:140</td>
<td>0.89</td>
<td>0.97</td>
<td>.32</td>
<td>.27</td>
</tr>
<tr>
<td>rs8176913</td>
<td>A:G</td>
<td>113:102</td>
<td>1.11</td>
<td>0.56</td>
<td>.45</td>
<td>.63</td>
</tr>
<tr>
<td>rs2463107</td>
<td>C:A</td>
<td>141:130</td>
<td>1.08</td>
<td>0.45</td>
<td>.50</td>
<td>.86</td>
</tr>
<tr>
<td>rs12369297</td>
<td>T:A</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs7315397</td>
<td>A:G</td>
<td>68:67</td>
<td>1.02</td>
<td>0.01</td>
<td>.93</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1439123</td>
<td>C:T</td>
<td>125:125</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs7299536</td>
<td>A:G</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs2060175</td>
<td>T:C</td>
<td>155:150</td>
<td>1.03</td>
<td>0.08</td>
<td>.77</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1358243</td>
<td>G:A</td>
<td>91:114</td>
<td>0.80</td>
<td>2.58</td>
<td>.11</td>
<td>.09</td>
</tr>
<tr>
<td>rs2251214</td>
<td>A:G</td>
<td>124:140</td>
<td>0.89</td>
<td>0.97</td>
<td>.32</td>
<td>.27</td>
</tr>
<tr>
<td>rs8176913</td>
<td>A:G</td>
<td>113:102</td>
<td>1.11</td>
<td>0.56</td>
<td>.45</td>
<td>.63</td>
</tr>
<tr>
<td>rs2463107</td>
<td>C:A</td>
<td>141:130</td>
<td>1.08</td>
<td>0.45</td>
<td>.50</td>
<td>.86</td>
</tr>
<tr>
<td>rs12369297</td>
<td>T:A</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs7315397</td>
<td>A:G</td>
<td>68:67</td>
<td>1.02</td>
<td>0.01</td>
<td>.93</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1439123</td>
<td>C:T</td>
<td>125:125</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs7299536</td>
<td>A:G</td>
<td>171:178</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td>rs2060175</td>
<td>T:C</td>
<td>155:150</td>
<td>1.03</td>
<td>0.08</td>
<td>.77</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1358243</td>
<td>G:A</td>
<td>91:114</td>
<td>0.80</td>
<td>2.58</td>
<td>.11</td>
<td>.09</td>
</tr>
<tr>
<td>rs2251214</td>
<td>A:G</td>
<td>124:140</td>
<td>0.89</td>
<td>0.97</td>
<td>.32</td>
<td>.27</td>
</tr>
<tr>
<td>Gene</td>
<td>rs</td>
<td>Allele</td>
<td>Position</td>
<td>OR</td>
<td>CI</td>
<td>p</td>
</tr>
<tr>
<td>---------</td>
<td>-------</td>
<td>--------</td>
<td>----------</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td>CUTL2</td>
<td>12</td>
<td>rs35765</td>
<td>A:C</td>
<td>116:93</td>
<td>1.25</td>
<td>.11</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4378452</td>
<td>C:T</td>
<td>156:168</td>
<td>0.93</td>
<td>.50</td>
</tr>
<tr>
<td>rs7314285</td>
<td>C:A</td>
<td>64:55</td>
<td>1.16</td>
<td>0.68</td>
<td>.41</td>
<td></td>
</tr>
<tr>
<td>rs1001484</td>
<td>G:A</td>
<td>140:120</td>
<td>1.17</td>
<td>1.54</td>
<td>.21</td>
<td></td>
</tr>
<tr>
<td>rs10774613</td>
<td>G:A</td>
<td>170:180</td>
<td>0.94</td>
<td>0.29</td>
<td>.59</td>
<td></td>
</tr>
<tr>
<td>rs4766539</td>
<td>A:G</td>
<td>49:37</td>
<td>1.32</td>
<td>1.67</td>
<td>.20</td>
<td></td>
</tr>
<tr>
<td>rs2157876</td>
<td>A:C</td>
<td>62:60</td>
<td>1.03</td>
<td>0.03</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs916683</td>
<td>C:G</td>
<td>116:102</td>
<td>1.14</td>
<td>0.90</td>
<td>.34</td>
<td></td>
</tr>
<tr>
<td>rs3809290</td>
<td>A:G</td>
<td>86:81</td>
<td>1.06</td>
<td>0.15</td>
<td>.70</td>
<td></td>
</tr>
<tr>
<td>rs6490029</td>
<td>A:G</td>
<td>132:116</td>
<td>1.14</td>
<td>1.03</td>
<td>.31</td>
<td></td>
</tr>
<tr>
<td>rs3809283</td>
<td>A:T</td>
<td>102:111</td>
<td>0.92</td>
<td>0.38</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>rs6490039</td>
<td>A:C</td>
<td>52:39</td>
<td>1.33</td>
<td>1.86</td>
<td>.17</td>
<td></td>
</tr>
<tr>
<td>rs1265566</td>
<td>G:A</td>
<td>176:167</td>
<td>1.05</td>
<td>0.24</td>
<td>.63</td>
<td></td>
</tr>
<tr>
<td>rs3809278</td>
<td>T:G</td>
<td>76:82</td>
<td>0.93</td>
<td>0.23</td>
<td>.63</td>
<td></td>
</tr>
<tr>
<td>FLJ32356</td>
<td>12</td>
<td>rs7312913</td>
<td>G:A</td>
<td>121:104</td>
<td>1.16</td>
<td>.26</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs7342004</td>
<td>G:A</td>
<td>122:109</td>
<td>1.12</td>
<td>.39</td>
</tr>
<tr>
<td>CAMKK2</td>
<td>12</td>
<td>rs4980999</td>
<td>T:C</td>
<td>90:104</td>
<td>0.87</td>
<td>.31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2686346</td>
<td>T:C</td>
<td>216:192</td>
<td>1.12</td>
<td>.23</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11065514</td>
<td>T:C</td>
<td>51:47</td>
<td>1.08</td>
<td>.69</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1718120</td>
<td>G:T</td>
<td>184:191</td>
<td>0.96</td>
<td>.72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1151882</td>
<td>G:A</td>
<td>68:80</td>
<td>0.85</td>
<td>.32</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11615578</td>
<td>A:G</td>
<td>130:138</td>
<td>0.94</td>
<td>.63</td>
</tr>
<tr>
<td>CHG</td>
<td>14</td>
<td>rs7148831</td>
<td>A:T</td>
<td>65:82</td>
<td>0.79</td>
<td>.16</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs10483639</td>
<td>C:G</td>
<td>120:122</td>
<td>0.98</td>
<td>.90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs7142517</td>
<td>A:C</td>
<td>158:173</td>
<td>0.91</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs9671371</td>
<td>T:C</td>
<td>135:148</td>
<td>0.91</td>
<td>.44</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3783637</td>
<td>T:C</td>
<td>74:81</td>
<td>0.91</td>
<td>.57</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs998259</td>
<td>A:G</td>
<td>138:139</td>
<td>0.99</td>
<td>.95</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3783641</td>
<td>T:A</td>
<td>128:124</td>
<td>1.03</td>
<td>.80</td>
</tr>
<tr>
<td>AKT1</td>
<td>14</td>
<td>rs3783642</td>
<td>G:A</td>
<td>170:190</td>
<td>0.89</td>
<td>.29</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6644</td>
<td>C:T</td>
<td>199:203</td>
<td>0.94</td>
<td>.51</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2498804</td>
<td>A:C</td>
<td>163:183</td>
<td>0.89</td>
<td>.28</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2494734</td>
<td>C:G</td>
<td>191:207</td>
<td>0.92</td>
<td>.42</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1130214</td>
<td>A:C</td>
<td>180:155</td>
<td>1.16</td>
<td>.17</td>
</tr>
<tr>
<td>SNP</td>
<td>Gene</td>
<td>Position</td>
<td>Effect</td>
<td>P-value</td>
<td>OR</td>
<td>95% CI</td>
</tr>
<tr>
<td>-----------</td>
<td>------</td>
<td>----------</td>
<td>--------</td>
<td>---------</td>
<td>-----</td>
<td>------------</td>
</tr>
<tr>
<td>rs2494750</td>
<td>C:G</td>
<td>41:45</td>
<td>0.91</td>
<td>0.19</td>
<td>.67</td>
<td>.86</td>
</tr>
<tr>
<td>rs4983387</td>
<td>C:T</td>
<td>70:68</td>
<td>1.03</td>
<td>0.03</td>
<td>.86</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs7166547</td>
<td>T:C</td>
<td>104:105</td>
<td>0.99</td>
<td>0.00</td>
<td>.95</td>
<td>.86</td>
</tr>
<tr>
<td>rs891848</td>
<td>T:C</td>
<td>83:82</td>
<td>1.01</td>
<td>0.01</td>
<td>.94</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs12440176</td>
<td>G:C</td>
<td>57:61</td>
<td>0.93</td>
<td>0.14</td>
<td>.71</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs1432442</td>
<td>T:C</td>
<td>57:63</td>
<td>0.90</td>
<td>0.30</td>
<td>.58</td>
<td>.80</td>
</tr>
<tr>
<td>rs1347069</td>
<td>A:G</td>
<td>152:154</td>
<td>0.99</td>
<td>0.01</td>
<td>.91</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs11630608</td>
<td>C:T</td>
<td>151:138</td>
<td>1.09</td>
<td>0.58</td>
<td>.44</td>
<td>.39</td>
</tr>
<tr>
<td>rs12050736</td>
<td>C:T</td>
<td>47:57</td>
<td>0.82</td>
<td>0.96</td>
<td>.33</td>
<td>.40</td>
</tr>
<tr>
<td>rs11630608</td>
<td>C:T</td>
<td>151:138</td>
<td>1.09</td>
<td>0.58</td>
<td>.44</td>
<td>.39</td>
</tr>
<tr>
<td>rs12050736</td>
<td>C:T</td>
<td>47:57</td>
<td>0.82</td>
<td>0.96</td>
<td>.33</td>
<td>.40</td>
</tr>
<tr>
<td>rs4255740</td>
<td>A:G</td>
<td>164:173</td>
<td>0.95</td>
<td>0.24</td>
<td>.62</td>
<td>.71</td>
</tr>
<tr>
<td>rs1347069</td>
<td>A:G</td>
<td>152:154</td>
<td>0.99</td>
<td>0.01</td>
<td>.91</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs11630608</td>
<td>C:T</td>
<td>151:138</td>
<td>1.09</td>
<td>0.58</td>
<td>.44</td>
<td>.39</td>
</tr>
<tr>
<td>rs12050736</td>
<td>C:T</td>
<td>47:57</td>
<td>0.82</td>
<td>0.96</td>
<td>.33</td>
<td>.40</td>
</tr>
<tr>
<td>rs11630608</td>
<td>C:T</td>
<td>151:138</td>
<td>1.09</td>
<td>0.58</td>
<td>.44</td>
<td>.39</td>
</tr>
<tr>
<td>rs12050736</td>
<td>C:T</td>
<td>47:57</td>
<td>0.82</td>
<td>0.96</td>
<td>.33</td>
<td>.40</td>
</tr>
<tr>
<td>rs400037</td>
<td>A:G</td>
<td>109:128</td>
<td>0.85</td>
<td>1.52</td>
<td>.22</td>
<td>.26</td>
</tr>
<tr>
<td>rs214247</td>
<td>C:T</td>
<td>163:182</td>
<td>0.90</td>
<td>1.05</td>
<td>.31</td>
<td>.47</td>
</tr>
<tr>
<td>rs1981492</td>
<td>A:G</td>
<td>188:191</td>
<td>0.98</td>
<td>0.02</td>
<td>.88</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs9921222</td>
<td>A:G</td>
<td>194:190</td>
<td>1.02</td>
<td>0.04</td>
<td>.84</td>
<td>.86</td>
</tr>
<tr>
<td>rs7359414</td>
<td>T:G</td>
<td>205:198</td>
<td>1.04</td>
<td>0.12</td>
<td>.73</td>
<td>.69</td>
</tr>
<tr>
<td>rs929457</td>
<td>G:A</td>
<td>97:94</td>
<td>1.03</td>
<td>0.05</td>
<td>.83</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs129968</td>
<td>A:G</td>
<td>186:182</td>
<td>1.02</td>
<td>0.04</td>
<td>.83</td>
<td>.86</td>
</tr>
<tr>
<td>rs129963</td>
<td>T:C</td>
<td>194:172</td>
<td>1.13</td>
<td>1.32</td>
<td>.25</td>
<td>.54</td>
</tr>
<tr>
<td>rs886528</td>
<td>G:A</td>
<td>188:190</td>
<td>0.99</td>
<td>0.01</td>
<td>.92</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs130021</td>
<td>G:A</td>
<td>172:173</td>
<td>0.99</td>
<td>0.00</td>
<td>.96</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs8046065</td>
<td>A:G</td>
<td>77:89</td>
<td>0.87</td>
<td>0.87</td>
<td>.35</td>
<td>.46</td>
</tr>
<tr>
<td>rs3789033</td>
<td>G:A</td>
<td>132:132</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs11076787</td>
<td>T:C</td>
<td>135:124</td>
<td>1.09</td>
<td>0.47</td>
<td>.49</td>
<td>.71</td>
</tr>
<tr>
<td>rs11644593</td>
<td>A:G</td>
<td>76:79</td>
<td>0.96</td>
<td>0.06</td>
<td>.81</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2530890</td>
<td>C:G</td>
<td>131:129</td>
<td>1.02</td>
<td>0.02</td>
<td>.90</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs7698</td>
<td>T:C</td>
<td>67:65</td>
<td>1.03</td>
<td>0.03</td>
<td>.86</td>
<td>.86</td>
</tr>
<tr>
<td>rs2031005</td>
<td>T:C</td>
<td>44:38</td>
<td>1.16</td>
<td>0.44</td>
<td>.51</td>
<td>.65</td>
</tr>
<tr>
<td>Gene</td>
<td>Chromosome</td>
<td>SNP ID</td>
<td>Base Change</td>
<td>Start Position</td>
<td>End Position</td>
<td>Minor Allele Frequency (MAF)</td>
</tr>
<tr>
<td>------</td>
<td>------------</td>
<td>--------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>DVL2</td>
<td>17</td>
<td>rs2074222</td>
<td>A:G</td>
<td>174:194</td>
<td>0.90</td>
<td>1.09</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs222837</td>
<td>C:T</td>
<td>188:193</td>
<td>0.97</td>
<td>0.07</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs222836</td>
<td>G:A</td>
<td>170:201</td>
<td>0.85</td>
<td>2.59</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2074216</td>
<td>T:C</td>
<td>174:175</td>
<td>0.99</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs222835</td>
<td>A:G</td>
<td>176:196</td>
<td>0.90</td>
<td>1.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs222852</td>
<td>C:T</td>
<td>181:199</td>
<td>0.91</td>
<td>0.85</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs17710</td>
<td>A:T</td>
<td>84:87</td>
<td>0.97</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs222843</td>
<td>G:A</td>
<td>168:196</td>
<td>0.90</td>
<td>1.08</td>
</tr>
<tr>
<td>TP53</td>
<td>17</td>
<td>rs8073498</td>
<td>C:A</td>
<td>156:205</td>
<td>0.76</td>
<td>6.65</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs12951053</td>
<td>C:A</td>
<td>51:42</td>
<td>1.21</td>
<td>0.87</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2909430</td>
<td>G:A</td>
<td>97:77</td>
<td>1.26</td>
<td>2.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1042522</td>
<td>G:C</td>
<td>156:123</td>
<td>1.27</td>
<td>3.90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2287499</td>
<td>G:C</td>
<td>172:157</td>
<td>1.10</td>
<td>0.68</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2287498</td>
<td>A:G</td>
<td>86:76</td>
<td>1.13</td>
<td>0.62</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2287498</td>
<td>G:C</td>
<td>86:76</td>
<td>1.13</td>
<td>0.62</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs12162135</td>
<td>A:C</td>
<td>195:177</td>
<td>1.10</td>
<td>0.87</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs756785</td>
<td>A:G</td>
<td>191:176</td>
<td>1.08</td>
<td>0.61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs735555</td>
<td>T:C</td>
<td>158:183</td>
<td>0.86</td>
<td>1.83</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4796701</td>
<td>C:G</td>
<td>176:175</td>
<td>1.01</td>
<td>0.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs8073498</td>
<td>C:A</td>
<td>156:205</td>
<td>0.76</td>
<td>6.65</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs12951053</td>
<td>C:A</td>
<td>51:42</td>
<td>1.21</td>
<td>0.87</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2909430</td>
<td>G:A</td>
<td>97:77</td>
<td>1.26</td>
<td>2.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1042522</td>
<td>G:C</td>
<td>156:123</td>
<td>1.27</td>
<td>3.90</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2287499</td>
<td>G:C</td>
<td>172:157</td>
<td>1.10</td>
<td>0.68</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2287498</td>
<td>A:G</td>
<td>86:76</td>
<td>1.13</td>
<td>0.62</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2287498</td>
<td>G:C</td>
<td>86:76</td>
<td>1.13</td>
<td>0.62</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs12162135</td>
<td>A:C</td>
<td>195:177</td>
<td>1.10</td>
<td>0.87</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs756785</td>
<td>A:G</td>
<td>191:176</td>
<td>1.08</td>
<td>0.61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs735555</td>
<td>T:C</td>
<td>158:183</td>
<td>0.86</td>
<td>1.83</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4796701</td>
<td>C:G</td>
<td>176:175</td>
<td>1.01</td>
<td>0.00</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
<table>
<thead>
<tr>
<th>Gene</th>
<th>rs</th>
<th>Allele</th>
<th>Position1:Position2</th>
<th>Log Odds Ratio</th>
<th>P-Value</th>
<th>AOR</th>
<th>P-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>HDAC5</strong> 17</td>
<td>rs753663</td>
<td>A:G</td>
<td>130:133</td>
<td>0.98</td>
<td>0.03</td>
<td>.85</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs375171</td>
<td>A:G</td>
<td>166:178</td>
<td>0.93</td>
<td>0.42</td>
<td>.52</td>
<td>.48</td>
</tr>
<tr>
<td></td>
<td>rs228757</td>
<td>C:G</td>
<td>139:153</td>
<td>0.91</td>
<td>0.67</td>
<td>.41</td>
<td>.44</td>
</tr>
<tr>
<td></td>
<td>rs454192</td>
<td>T:C</td>
<td>122:145</td>
<td>0.84</td>
<td>1.98</td>
<td>.16</td>
<td>.17</td>
</tr>
<tr>
<td></td>
<td>rs4239142</td>
<td>T:C</td>
<td>149:170</td>
<td>0.88</td>
<td>1.38</td>
<td>.24</td>
<td>.31</td>
</tr>
<tr>
<td><strong>MAPT</strong> 17</td>
<td>rs228757</td>
<td>G:A</td>
<td>201:175</td>
<td>1.15</td>
<td>1.80</td>
<td>.18</td>
<td>.16</td>
</tr>
<tr>
<td></td>
<td>rs3785880</td>
<td>C:A</td>
<td>176:202</td>
<td>0.87</td>
<td>1.79</td>
<td>.18</td>
<td>.22</td>
</tr>
<tr>
<td></td>
<td>rs4235205</td>
<td>G:A</td>
<td>202:187</td>
<td>1.08</td>
<td>0.58</td>
<td>.45</td>
<td>.63</td>
</tr>
<tr>
<td></td>
<td>rs2435211</td>
<td>A:G</td>
<td>147:161</td>
<td>0.91</td>
<td>0.64</td>
<td>.43</td>
<td>.42</td>
</tr>
<tr>
<td></td>
<td>rs1052551</td>
<td>A:G</td>
<td>127:134</td>
<td>0.95</td>
<td>0.19</td>
<td>.66</td>
<td>.69</td>
</tr>
<tr>
<td></td>
<td>rs1052553</td>
<td>G:A</td>
<td>128:134</td>
<td>0.96</td>
<td>0.14</td>
<td>.71</td>
<td>.80</td>
</tr>
<tr>
<td></td>
<td>rs2471738</td>
<td>A:G</td>
<td>105:102</td>
<td>1.03</td>
<td>0.04</td>
<td>.83</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs916896</td>
<td>T:C</td>
<td>194:188</td>
<td>1.03</td>
<td>0.09</td>
<td>.76</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs7687</td>
<td>G:A</td>
<td>127:134</td>
<td>0.95</td>
<td>0.19</td>
<td>.66</td>
<td>.69</td>
</tr>
<tr>
<td><strong>PRKCA</strong> 17</td>
<td>rs7210728</td>
<td>T:C</td>
<td>172:183</td>
<td>0.94</td>
<td>0.34</td>
<td>.56</td>
<td>.59</td>
</tr>
<tr>
<td></td>
<td>rs4792893</td>
<td>A:G</td>
<td>85:90</td>
<td>0.94</td>
<td>0.14</td>
<td>.71</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>rs1467967</td>
<td>G:A</td>
<td>201:175</td>
<td>1.15</td>
<td>1.80</td>
<td>.18</td>
<td>.16</td>
</tr>
<tr>
<td></td>
<td>rs3785883</td>
<td>T:C</td>
<td>117:141</td>
<td>0.83</td>
<td>2.23</td>
<td>.14</td>
<td>.18</td>
</tr>
<tr>
<td></td>
<td>rs11867898</td>
<td>C:T</td>
<td>68:64</td>
<td>1.06</td>
<td>0.12</td>
<td>.73</td>
<td>.80</td>
</tr>
<tr>
<td></td>
<td>rs12150089</td>
<td>A:G</td>
<td>131:121</td>
<td>1.08</td>
<td>0.40</td>
<td>.53</td>
<td>.75</td>
</tr>
<tr>
<td></td>
<td>rs3764402</td>
<td>C:T</td>
<td>137:151</td>
<td>0.91</td>
<td>0.68</td>
<td>.41</td>
<td>.36</td>
</tr>
<tr>
<td></td>
<td>rs6504413</td>
<td>T:A</td>
<td>68:64</td>
<td>1.06</td>
<td>0.12</td>
<td>.73</td>
<td>.54</td>
</tr>
<tr>
<td></td>
<td>rs4328478</td>
<td>G:A</td>
<td>176:178</td>
<td>0.99</td>
<td>0.01</td>
<td>.92</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>rs4791072</td>
<td>T:C</td>
<td>172:180</td>
<td>0.96</td>
<td>0.18</td>
<td>.67</td>
<td>.80</td>
</tr>
<tr>
<td></td>
<td>rs9635753</td>
<td>A:C</td>
<td>180:182</td>
<td>0.99</td>
<td>0.01</td>
<td>.92</td>
<td>&gt;.99</td>
</tr>
<tr>
<td></td>
<td>rs7218425</td>
<td>G:A</td>
<td>131:135</td>
<td>0.97</td>
<td>0.06</td>
<td>.81</td>
<td>.80</td>
</tr>
<tr>
<td></td>
<td>rs8078231</td>
<td>A:G</td>
<td>119:132</td>
<td>0.90</td>
<td>0.67</td>
<td>.41</td>
<td>.32</td>
</tr>
<tr>
<td></td>
<td>rs9914703</td>
<td>G:A</td>
<td>51:49</td>
<td>1.04</td>
<td>0.04</td>
<td>.84</td>
<td>.86</td>
</tr>
<tr>
<td></td>
<td>rs4435295</td>
<td>T:C</td>
<td>77:82</td>
<td>0.94</td>
<td>0.16</td>
<td>.69</td>
<td>.75</td>
</tr>
<tr>
<td></td>
<td>rs9895580</td>
<td>C:A</td>
<td>149:171</td>
<td>0.87</td>
<td>1.51</td>
<td>.22</td>
<td>.30</td>
</tr>
<tr>
<td></td>
<td>rs10512510</td>
<td>A:T</td>
<td>47:60</td>
<td>0.78</td>
<td>1.58</td>
<td>.21</td>
<td>.30</td>
</tr>
<tr>
<td></td>
<td>rs8075066</td>
<td>T:C</td>
<td>125:149</td>
<td>0.84</td>
<td>2.10</td>
<td>.15</td>
<td>.18</td>
</tr>
<tr>
<td>SNP</td>
<td>Genotype</td>
<td>Allele 1</td>
<td>Allele 2</td>
<td>Minor Allele Frequency</td>
<td>Major Allele Frequency</td>
<td>P-Value</td>
<td></td>
</tr>
<tr>
<td>-----------</td>
<td>----------</td>
<td>----------</td>
<td>----------</td>
<td>------------------------</td>
<td>------------------------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>rs4569323</td>
<td>C:T</td>
<td>87:108</td>
<td>0.81</td>
<td>2.26</td>
<td>.13</td>
<td>.36</td>
<td></td>
</tr>
<tr>
<td>rs7222507</td>
<td>T:G</td>
<td>72:83</td>
<td>0.87</td>
<td>0.78</td>
<td>.38</td>
<td>.44</td>
<td></td>
</tr>
<tr>
<td>rs4790911</td>
<td>T:C</td>
<td>53:62</td>
<td>0.85</td>
<td>0.70</td>
<td>.40</td>
<td>.46</td>
<td></td>
</tr>
<tr>
<td>rs11079656</td>
<td>G:A</td>
<td>143:169</td>
<td>0.85</td>
<td>2.17</td>
<td>.14</td>
<td>.13</td>
<td></td>
</tr>
<tr>
<td>rs973753</td>
<td>G:A</td>
<td>95:110</td>
<td>0.86</td>
<td>1.10</td>
<td>.29</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>rs7211524</td>
<td>A:G</td>
<td>45:44</td>
<td>1.02</td>
<td>0.01</td>
<td>.91</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs3848423</td>
<td>T:C</td>
<td>46:39</td>
<td>1.18</td>
<td>0.58</td>
<td>.45</td>
<td>.71</td>
<td></td>
</tr>
<tr>
<td>rs7212766</td>
<td>C:G</td>
<td>194:180</td>
<td>1.08</td>
<td>0.52</td>
<td>.47</td>
<td>.41</td>
<td></td>
</tr>
<tr>
<td>rs1877847</td>
<td>T:G</td>
<td>176:205</td>
<td>0.86</td>
<td>2.21</td>
<td>.14</td>
<td>.16</td>
<td></td>
</tr>
<tr>
<td>rs1980118</td>
<td>T:G</td>
<td>167:163</td>
<td>1.02</td>
<td>0.05</td>
<td>.83</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>rs1806448</td>
<td>C:T</td>
<td>131:156</td>
<td>0.84</td>
<td>2.18</td>
<td>.14</td>
<td>.16</td>
<td></td>
</tr>
<tr>
<td>rs6504441</td>
<td>A:G</td>
<td>172:191</td>
<td>0.90</td>
<td>0.99</td>
<td>.32</td>
<td>.23</td>
<td></td>
</tr>
<tr>
<td>rs10512512</td>
<td>G:A</td>
<td>91:81</td>
<td>1.12</td>
<td>0.58</td>
<td>.45</td>
<td>.50</td>
<td></td>
</tr>
<tr>
<td>rs9303510</td>
<td>T:C</td>
<td>125:129</td>
<td>0.97</td>
<td>0.06</td>
<td>.80</td>
<td>.80</td>
<td></td>
</tr>
<tr>
<td>rs10512513</td>
<td>A:C</td>
<td>201:190</td>
<td>1.06</td>
<td>0.31</td>
<td>.58</td>
<td>.65</td>
<td></td>
</tr>
<tr>
<td>rs2361486</td>
<td>A:G</td>
<td>100:108</td>
<td>0.93</td>
<td>0.31</td>
<td>.58</td>
<td>.56</td>
<td></td>
</tr>
<tr>
<td>rs908150</td>
<td>C:T</td>
<td>188:182</td>
<td>1.03</td>
<td>0.10</td>
<td>.76</td>
<td>.75</td>
<td></td>
</tr>
<tr>
<td>rs7220127</td>
<td>G:A</td>
<td>203:179</td>
<td>1.13</td>
<td>1.51</td>
<td>.22</td>
<td>.25</td>
<td></td>
</tr>
<tr>
<td>rs1003599</td>
<td>T:C</td>
<td>58:61</td>
<td>0.95</td>
<td>0.08</td>
<td>.78</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs1003598</td>
<td>G:T</td>
<td>184:206</td>
<td>0.89</td>
<td>1.24</td>
<td>.27</td>
<td>.29</td>
<td></td>
</tr>
<tr>
<td>rs2078153</td>
<td>C:G</td>
<td>136:154</td>
<td>0.88</td>
<td>1.12</td>
<td>.29</td>
<td>.23</td>
<td></td>
</tr>
<tr>
<td>rs1860984</td>
<td>C:T</td>
<td>45:43</td>
<td>1.05</td>
<td>0.05</td>
<td>.83</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>rs7211269</td>
<td>A:G</td>
<td>75:56</td>
<td>1.34</td>
<td>2.76</td>
<td>.10</td>
<td>.15</td>
<td></td>
</tr>
<tr>
<td>rs11871468</td>
<td>C:A</td>
<td>91:67</td>
<td>1.36</td>
<td>3.65</td>
<td>.06</td>
<td>.07</td>
<td></td>
</tr>
<tr>
<td>rs8080721</td>
<td>C:T</td>
<td>187:215</td>
<td>0.87</td>
<td>1.95</td>
<td>.16</td>
<td>.13</td>
<td></td>
</tr>
<tr>
<td>rs9896134</td>
<td>C:T</td>
<td>178:130</td>
<td>1.37</td>
<td>7.48</td>
<td>.006</td>
<td>.005</td>
<td></td>
</tr>
<tr>
<td>rs8076312</td>
<td>T:A</td>
<td>174:177</td>
<td>0.98</td>
<td>0.03</td>
<td>.87</td>
<td>.80</td>
<td></td>
</tr>
<tr>
<td>rs759115</td>
<td>A:C</td>
<td>99:117</td>
<td>0.85</td>
<td>1.50</td>
<td>.22</td>
<td>.33</td>
<td></td>
</tr>
<tr>
<td>rs10451280</td>
<td>G:C</td>
<td>70:54</td>
<td>1.30</td>
<td>2.07</td>
<td>.15</td>
<td>.22</td>
<td></td>
</tr>
<tr>
<td>rs877447</td>
<td>A:G</td>
<td>165:174</td>
<td>0.95</td>
<td>0.24</td>
<td>.63</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs1115679</td>
<td>T:C</td>
<td>174:189</td>
<td>0.92</td>
<td>0.62</td>
<td>.43</td>
<td>.45</td>
<td></td>
</tr>
<tr>
<td>rs1860985</td>
<td>T:C</td>
<td>69:61</td>
<td>1.13</td>
<td>0.49</td>
<td>.48</td>
<td>.47</td>
<td></td>
</tr>
<tr>
<td>rs1024740</td>
<td>G:C</td>
<td>198:198</td>
<td>1.00</td>
<td>0.00</td>
<td>&gt;.99</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>rs7207345</td>
<td>C:T</td>
<td>161:157</td>
<td>1.02</td>
<td>0.05</td>
<td>.82</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs10491202</td>
<td>C:G</td>
<td>102:110</td>
<td>0.93</td>
<td>0.30</td>
<td>.58</td>
<td>.69</td>
<td></td>
</tr>
<tr>
<td>rs1010546</td>
<td>T:C</td>
<td>101:81</td>
<td>1.25</td>
<td>2.20</td>
<td>.14</td>
<td>.15</td>
<td></td>
</tr>
<tr>
<td>rs721429</td>
<td>A:G</td>
<td>164:166</td>
<td>0.99</td>
<td>0.01</td>
<td>.91</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>rs759117</td>
<td>G:A</td>
<td>157:167</td>
<td>0.94</td>
<td>0.31</td>
<td>.58</td>
<td>.75</td>
<td></td>
</tr>
<tr>
<td>rs10491201</td>
<td>T:A</td>
<td>59:69</td>
<td>0.86</td>
<td>0.78</td>
<td>.38</td>
<td>.59</td>
<td></td>
</tr>
<tr>
<td>rs10491200</td>
<td>A:G</td>
<td>55:43</td>
<td>1.28</td>
<td>1.47</td>
<td>.23</td>
<td>.34</td>
<td></td>
</tr>
<tr>
<td>rs8069926</td>
<td>A:G</td>
<td>158:144</td>
<td>1.10</td>
<td>0.65</td>
<td>.42</td>
<td>.58</td>
<td></td>
</tr>
<tr>
<td>rs7219495</td>
<td>A:G</td>
<td>177:189</td>
<td>0.94</td>
<td>0.39</td>
<td>.53</td>
<td>.63</td>
<td></td>
</tr>
<tr>
<td>rs3889392</td>
<td>C:T</td>
<td>157:152</td>
<td>1.03</td>
<td>0.08</td>
<td>.78</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs8074909</td>
<td>G:A</td>
<td>187:184</td>
<td>1.02</td>
<td>0.02</td>
<td>.88</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs4644888</td>
<td>C:T</td>
<td>188:177</td>
<td>1.06</td>
<td>0.33</td>
<td>.56</td>
<td>.80</td>
<td></td>
</tr>
<tr>
<td>rs8070561</td>
<td>A:G</td>
<td>186:173</td>
<td>1.08</td>
<td>0.47</td>
<td>.49</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>rs983560</td>
<td>G:A</td>
<td>58:54</td>
<td>1.07</td>
<td>0.14</td>
<td>.71</td>
<td>.80</td>
<td></td>
</tr>
<tr>
<td>rs12232511</td>
<td>C:T</td>
<td>58:53</td>
<td>1.09</td>
<td>0.23</td>
<td>.64</td>
<td>.63</td>
<td></td>
</tr>
<tr>
<td>rs4381631</td>
<td>C:A</td>
<td>172:174</td>
<td>0.99</td>
<td>0.01</td>
<td>.91</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>rs4790904</td>
<td>C:T</td>
<td>135:122</td>
<td>1.11</td>
<td>0.66</td>
<td>.42</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs3889237</td>
<td>T:G</td>
<td>156:170</td>
<td>0.92</td>
<td>0.60</td>
<td>.44</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>rs9901261</td>
<td>C:G</td>
<td>122:158</td>
<td>0.77</td>
<td>4.63</td>
<td>.03</td>
<td>.03</td>
<td></td>
</tr>
<tr>
<td>rs8074995</td>
<td>A:G</td>
<td>83:115</td>
<td>0.72</td>
<td>5.17</td>
<td>.02</td>
<td>.02</td>
<td></td>
</tr>
<tr>
<td>rs11656099</td>
<td>T:C</td>
<td>144:159</td>
<td>0.91</td>
<td>0.74</td>
<td>.39</td>
<td>.54</td>
<td></td>
</tr>
<tr>
<td>rs4791036</td>
<td>C:T</td>
<td>65:57</td>
<td>1.14</td>
<td>0.52</td>
<td>.47</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs7342847</td>
<td>A:G</td>
<td>149:158</td>
<td>0.94</td>
<td>0.26</td>
<td>.61</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>ADCYAP1</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs8192595</td>
<td>G:A</td>
<td>69:71</td>
<td>0.97</td>
<td>0.03</td>
<td>.87</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs2231187</td>
<td>C:T</td>
<td>176:168</td>
<td>1.05</td>
<td>0.19</td>
<td>.67</td>
<td>.65</td>
<td></td>
</tr>
<tr>
<td>rs1608447</td>
<td>G:A</td>
<td>163:177</td>
<td>0.92</td>
<td>0.58</td>
<td>.45</td>
<td>.48</td>
<td></td>
</tr>
<tr>
<td>rs7229898</td>
<td>C:T</td>
<td>157:149</td>
<td>1.05</td>
<td>0.21</td>
<td>.65</td>
<td>.62</td>
<td></td>
</tr>
<tr>
<td>IMPA2</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>rs3974759</td>
<td>A:T</td>
<td>143:142</td>
<td>1.01</td>
<td>0.00</td>
<td>.95</td>
<td>.86</td>
<td></td>
</tr>
<tr>
<td>rs662383</td>
<td>T:C</td>
<td>123:115</td>
<td>1.07</td>
<td>0.27</td>
<td>.60</td>
<td>.62</td>
<td></td>
</tr>
<tr>
<td>rs588257</td>
<td>C:G</td>
<td>107:109</td>
<td>0.98</td>
<td>0.02</td>
<td>.89</td>
<td>&gt;.99</td>
<td></td>
</tr>
<tr>
<td>rs636173</td>
<td>A:G</td>
<td>156:147</td>
<td>1.06</td>
<td>0.27</td>
<td>.61</td>
<td>.59</td>
<td></td>
</tr>
<tr>
<td>rs747838</td>
<td>G:C</td>
<td>47:64</td>
<td>0.73</td>
<td>2.60</td>
<td>.11</td>
<td>.12</td>
<td></td>
</tr>
<tr>
<td>rs628419</td>
<td>T:C</td>
<td>146:162</td>
<td>0.90</td>
<td>0.83</td>
<td>.36</td>
<td>.44</td>
<td></td>
</tr>
<tr>
<td>rs1262056</td>
<td>C:T</td>
<td>98:107</td>
<td>0.92</td>
<td>0.40</td>
<td>.53</td>
<td>.56</td>
<td></td>
</tr>
<tr>
<td>SNP</td>
<td>Gene</td>
<td>Rs</td>
<td>Allele</td>
<td>Position</td>
<td>Odds Ratio</td>
<td>95% CI Low</td>
<td>95% CI High</td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>-------</td>
<td>--------</td>
<td>----------</td>
<td>------------</td>
<td>------------</td>
<td>-------------</td>
</tr>
<tr>
<td>rs1250171</td>
<td></td>
<td>T:C</td>
<td>134:153</td>
<td>0.88</td>
<td>1.26</td>
<td>0.26</td>
<td>0.30</td>
</tr>
<tr>
<td>rs630110</td>
<td></td>
<td>T:C</td>
<td>165:145</td>
<td>1.14</td>
<td>1.29</td>
<td>0.26</td>
<td>0.21</td>
</tr>
<tr>
<td>qc</td>
<td></td>
<td>T:C</td>
<td>177:169</td>
<td>1.05</td>
<td>0.19</td>
<td>0.67</td>
<td>0.54</td>
</tr>
<tr>
<td>rs10514052</td>
<td>NETO1</td>
<td>C:G</td>
<td>165:188</td>
<td>0.88</td>
<td>1.50</td>
<td>0.22</td>
<td>0.29</td>
</tr>
<tr>
<td>rs1484221</td>
<td></td>
<td>A:G</td>
<td>125:103</td>
<td>1.21</td>
<td>2.12</td>
<td>0.15</td>
<td>0.17</td>
</tr>
<tr>
<td>rs10514053</td>
<td>NETO1</td>
<td>T:A</td>
<td>67:76</td>
<td>0.88</td>
<td>0.57</td>
<td>0.45</td>
<td>0.41</td>
</tr>
<tr>
<td>rs7238814</td>
<td></td>
<td>G:A</td>
<td>138:119</td>
<td>1.16</td>
<td>1.41</td>
<td>0.24</td>
<td>0.25</td>
</tr>
<tr>
<td>rs2000724</td>
<td></td>
<td>T:C</td>
<td>164:183</td>
<td>0.90</td>
<td>1.04</td>
<td>0.31</td>
<td>0.47</td>
</tr>
<tr>
<td>rs2000809</td>
<td></td>
<td>C:T</td>
<td>156:147</td>
<td>1.06</td>
<td>0.27</td>
<td>0.61</td>
<td>0.54</td>
</tr>
<tr>
<td>rs12607733</td>
<td>NETO1</td>
<td>C:T</td>
<td>161:187</td>
<td>0.86</td>
<td>1.94</td>
<td>0.16</td>
<td>0.23</td>
</tr>
<tr>
<td>rs1151796</td>
<td></td>
<td>A:T</td>
<td>161:153</td>
<td>1.05</td>
<td>0.20</td>
<td>0.65</td>
<td>0.52</td>
</tr>
<tr>
<td>rs2170876</td>
<td></td>
<td>A:G</td>
<td>127:115</td>
<td>1.10</td>
<td>0.60</td>
<td>0.44</td>
<td>0.42</td>
</tr>
<tr>
<td>rs4265912</td>
<td></td>
<td>T:G</td>
<td>177:181</td>
<td>0.98</td>
<td>0.04</td>
<td>0.83</td>
<td>0.75</td>
</tr>
<tr>
<td>rs9636083</td>
<td></td>
<td>T:C</td>
<td>181:176</td>
<td>1.03</td>
<td>0.07</td>
<td>0.79</td>
<td>0.80</td>
</tr>
<tr>
<td>rs12961224</td>
<td></td>
<td>C:T</td>
<td>179:180</td>
<td>0.99</td>
<td>0.00</td>
<td>0.96</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs8089921</td>
<td></td>
<td>T:C</td>
<td>182:177</td>
<td>1.03</td>
<td>0.07</td>
<td>0.79</td>
<td>0.75</td>
</tr>
<tr>
<td>rs11659594</td>
<td></td>
<td>G:A</td>
<td>70:73</td>
<td>0.96</td>
<td>0.06</td>
<td>0.30</td>
<td>0.80</td>
</tr>
<tr>
<td>rs10514053</td>
<td>NETO1</td>
<td>C:T</td>
<td>165:188</td>
<td>0.88</td>
<td>1.50</td>
<td>0.22</td>
<td>0.29</td>
</tr>
<tr>
<td>rs1151796</td>
<td></td>
<td>A:T</td>
<td>161:153</td>
<td>1.05</td>
<td>0.20</td>
<td>0.65</td>
<td>0.52</td>
</tr>
<tr>
<td>rs2170876</td>
<td></td>
<td>A:G</td>
<td>127:115</td>
<td>1.10</td>
<td>0.60</td>
<td>0.44</td>
<td>0.42</td>
</tr>
<tr>
<td>rs4265912</td>
<td></td>
<td>T:G</td>
<td>177:181</td>
<td>0.98</td>
<td>0.04</td>
<td>0.83</td>
<td>0.75</td>
</tr>
<tr>
<td>rs9636083</td>
<td></td>
<td>T:C</td>
<td>181:176</td>
<td>1.03</td>
<td>0.07</td>
<td>0.79</td>
<td>0.80</td>
</tr>
<tr>
<td>rs12961224</td>
<td></td>
<td>C:T</td>
<td>179:180</td>
<td>0.99</td>
<td>0.00</td>
<td>0.96</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs8089921</td>
<td></td>
<td>T:C</td>
<td>182:177</td>
<td>1.03</td>
<td>0.07</td>
<td>0.79</td>
<td>0.75</td>
</tr>
<tr>
<td>rs11659594</td>
<td></td>
<td>G:A</td>
<td>70:73</td>
<td>0.96</td>
<td>0.06</td>
<td>0.30</td>
<td>0.80</td>
</tr>
<tr>
<td>rs1943657</td>
<td></td>
<td>G:A</td>
<td>78:84</td>
<td>0.93</td>
<td>0.22</td>
<td>0.64</td>
<td>0.86</td>
</tr>
<tr>
<td>rs2062313</td>
<td></td>
<td>C:G</td>
<td>186:197</td>
<td>0.94</td>
<td>0.32</td>
<td>0.57</td>
<td>0.56</td>
</tr>
<tr>
<td>rs1905558</td>
<td></td>
<td>A:T</td>
<td>183:201</td>
<td>0.91</td>
<td>0.84</td>
<td>0.36</td>
<td>0.41</td>
</tr>
<tr>
<td>rs2000728</td>
<td></td>
<td>C:T</td>
<td>89:79</td>
<td>1.13</td>
<td>0.60</td>
<td>0.44</td>
<td>0.50</td>
</tr>
<tr>
<td>rs1484220</td>
<td></td>
<td>C:T</td>
<td>141:149</td>
<td>0.95</td>
<td>0.22</td>
<td>0.64</td>
<td>0.75</td>
</tr>
<tr>
<td>rs6566669</td>
<td></td>
<td>C:A</td>
<td>157:184</td>
<td>0.85</td>
<td>2.14</td>
<td>0.14</td>
<td>0.17</td>
</tr>
<tr>
<td>rs8094718</td>
<td></td>
<td>T:C</td>
<td>171:170</td>
<td>1.01</td>
<td>0.00</td>
<td>0.96</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs2096956</td>
<td></td>
<td>T:C</td>
<td>133:132</td>
<td>1.01</td>
<td>0.00</td>
<td>0.95</td>
<td>&gt;.99</td>
</tr>
<tr>
<td>rs4891489</td>
<td></td>
<td>T:C</td>
<td>175:167</td>
<td>1.05</td>
<td>0.19</td>
<td>0.67</td>
<td>0.80</td>
</tr>
<tr>
<td>rs748016</td>
<td></td>
<td>A:G</td>
<td>157:167</td>
<td>0.94</td>
<td>0.31</td>
<td>0.58</td>
<td>0.75</td>
</tr>
<tr>
<td>rs1942467</td>
<td></td>
<td>T:C</td>
<td>69:74</td>
<td>0.93</td>
<td>0.17</td>
<td>0.68</td>
<td>0.86</td>
</tr>
<tr>
<td>rs8098624</td>
<td></td>
<td>T:C</td>
<td>166:169</td>
<td>0.98</td>
<td>0.03</td>
<td>0.87</td>
<td>0.86</td>
</tr>
<tr>
<td>rs12456301</td>
<td></td>
<td>T:C</td>
<td>139:152</td>
<td>0.91</td>
<td>0.58</td>
<td>0.45</td>
<td>0.65</td>
</tr>
<tr>
<td>rs4606820</td>
<td></td>
<td>G:C</td>
<td>158:135</td>
<td>1.17</td>
<td>1.81</td>
<td>0.18</td>
<td>0.18</td>
</tr>
<tr>
<td>rs2156102</td>
<td></td>
<td>G:A</td>
<td>163:169</td>
<td>0.96</td>
<td>0.11</td>
<td>0.74</td>
<td>0.86</td>
</tr>
<tr>
<td>rs10514053</td>
<td>NETO1</td>
<td>T:A</td>
<td>67:76</td>
<td>0.88</td>
<td>0.57</td>
<td>0.45</td>
<td>0.45</td>
</tr>
<tr>
<td>rs7253062</td>
<td></td>
<td>A:G</td>
<td>183:172</td>
<td>1.06</td>
<td>0.34</td>
<td>0.56</td>
<td>0.56</td>
</tr>
<tr>
<td>Gene</td>
<td>Chr</td>
<td>rsID</td>
<td>Alleles</td>
<td>Start</td>
<td>End</td>
<td>MAF1</td>
<td>MAF2</td>
</tr>
<tr>
<td>--------</td>
<td>-----</td>
<td>--------</td>
<td>---------</td>
<td>-------</td>
<td>------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>PIK3R2</td>
<td>19</td>
<td>rs1566028</td>
<td>T:C</td>
<td>37:50</td>
<td>0.74</td>
<td>1.94</td>
<td>.16</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3736328</td>
<td>C:G</td>
<td>178:195</td>
<td>0.91</td>
<td>0.77</td>
<td>.38</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2267922</td>
<td>C:G</td>
<td>195:179</td>
<td>1.09</td>
<td>0.68</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs273269</td>
<td>A:G</td>
<td>65:75</td>
<td>0.87</td>
<td>0.71</td>
<td>.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1669734</td>
<td>A:G</td>
<td>143:149</td>
<td>0.96</td>
<td>0.12</td>
<td>.73</td>
</tr>
<tr>
<td>ISYNA1</td>
<td>19</td>
<td>rs888669</td>
<td>T:C</td>
<td>133:134</td>
<td>0.99</td>
<td>0.00</td>
<td>.95</td>
</tr>
<tr>
<td>MAG</td>
<td>19</td>
<td>rs7251432</td>
<td>A:G</td>
<td>199:193</td>
<td>1.03</td>
<td>0.09</td>
<td>.76</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2301600</td>
<td>T:C</td>
<td>118:126</td>
<td>0.94</td>
<td>0.26</td>
<td>.61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1669734</td>
<td>A:G</td>
<td>143:149</td>
<td>0.96</td>
<td>0.12</td>
<td>.73</td>
</tr>
<tr>
<td>GRIK5</td>
<td>19</td>
<td>rs454150</td>
<td>G:A</td>
<td>79:80</td>
<td>0.99</td>
<td>0.01</td>
<td>.94</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs10408650</td>
<td>T:C</td>
<td>54:62</td>
<td>0.87</td>
<td>0.55</td>
<td>.46</td>
</tr>
<tr>
<td>GSIA</td>
<td>19</td>
<td>rs3745233</td>
<td>G:A</td>
<td>71:72</td>
<td>0.99</td>
<td>0.01</td>
<td>.93</td>
</tr>
<tr>
<td>BAX</td>
<td>19</td>
<td>rs11667351</td>
<td>G:T</td>
<td>81:89</td>
<td>0.91</td>
<td>0.38</td>
<td>.54</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1805419</td>
<td>T:C</td>
<td>147:167</td>
<td>0.88</td>
<td>1.27</td>
<td>.26</td>
</tr>
<tr>
<td>DNAJC5</td>
<td>20</td>
<td>rs7000</td>
<td>T:C</td>
<td>204:183</td>
<td>1.12</td>
<td>1.14</td>
<td>.29</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6011208</td>
<td>T:C</td>
<td>35:41</td>
<td>0.85</td>
<td>0.47</td>
<td>.49</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs817373</td>
<td>A:G</td>
<td>150:159</td>
<td>0.94</td>
<td>0.26</td>
<td>.61</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs817386</td>
<td>C:T</td>
<td>165:184</td>
<td>0.90</td>
<td>1.03</td>
<td>.31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2065993</td>
<td>T:C</td>
<td>99:105</td>
<td>0.94</td>
<td>0.18</td>
<td>.67</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4809249</td>
<td>T:C</td>
<td>32:39</td>
<td>0.82</td>
<td>0.69</td>
<td>.41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6090020</td>
<td>A:G</td>
<td>111:123</td>
<td>0.90</td>
<td>0.62</td>
<td>.43</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs817361</td>
<td>C:T</td>
<td>70:75</td>
<td>0.93</td>
<td>0.17</td>
<td>.68</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs817362</td>
<td>G:A</td>
<td>64:65</td>
<td>0.98</td>
<td>0.01</td>
<td>.93</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs3206771</td>
<td>A:G</td>
<td>58:62</td>
<td>0.94</td>
<td>0.13</td>
<td>.72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs817369</td>
<td>G:C</td>
<td>139:142</td>
<td>0.98</td>
<td>0.03</td>
<td>.86</td>
</tr>
<tr>
<td>OLG2</td>
<td>21</td>
<td>rs9978551</td>
<td>G:C</td>
<td>36:38</td>
<td>0.95</td>
<td>0.05</td>
<td>.82</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs13049151</td>
<td>T:C</td>
<td>168:160</td>
<td>1.05</td>
<td>0.20</td>
<td>.66</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs11701698</td>
<td>G:T</td>
<td>112:113</td>
<td>0.99</td>
<td>0.00</td>
<td>.95</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs6517135</td>
<td>C:T</td>
<td>111:118</td>
<td>0.94</td>
<td>0.21</td>
<td>.64</td>
</tr>
<tr>
<td>Gene</td>
<td>Position</td>
<td>rsID</td>
<td>Allele 1</td>
<td>Allele 2</td>
<td>Minor Allele Frequency</td>
<td>Major Allele Frequency</td>
<td>P-value</td>
</tr>
<tr>
<td>--------</td>
<td>----------</td>
<td>------</td>
<td>----------</td>
<td>----------</td>
<td>------------------------</td>
<td>------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>SLC5A3</td>
<td>21</td>
<td>rs2834376</td>
<td>T:C</td>
<td>56:49</td>
<td>0.81</td>
<td>0.84</td>
<td>0.004</td>
</tr>
<tr>
<td>COMT</td>
<td>22</td>
<td>rs4646312</td>
<td>G:A</td>
<td>195:186</td>
<td>1.05</td>
<td>0.21</td>
<td>0.001</td>
</tr>
<tr>
<td>ARVCF</td>
<td>22</td>
<td>rs887204</td>
<td>G:A</td>
<td>158:164</td>
<td>0.96</td>
<td>0.11</td>
<td>0.001</td>
</tr>
<tr>
<td>BCR</td>
<td>22</td>
<td>rs713617</td>
<td>G:A</td>
<td>146:134</td>
<td>1.09</td>
<td>0.51</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs5759636</td>
<td>A:G</td>
<td>122:129</td>
<td>1.02</td>
<td>0.06</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4820548</td>
<td>A:G</td>
<td>152:185</td>
<td>0.97</td>
<td>0.24</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs4646316</td>
<td>T:C</td>
<td>158:193</td>
<td>0.82</td>
<td>0.49</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs165815</td>
<td>C:T</td>
<td>93:84</td>
<td>1.11</td>
<td>0.46</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2239394</td>
<td>T:C</td>
<td>33:32</td>
<td>1.03</td>
<td>0.02</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs887200</td>
<td>G:A</td>
<td>79:74</td>
<td>1.07</td>
<td>0.16</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2073746</td>
<td>A:G</td>
<td>129:131</td>
<td>0.98</td>
<td>0.02</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2238790</td>
<td>G:A</td>
<td>184:156</td>
<td>1.18</td>
<td>2.21</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2073741</td>
<td>T:C</td>
<td>131:127</td>
<td>1.03</td>
<td>0.06</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs12168204</td>
<td>T:G</td>
<td>109:118</td>
<td>0.92</td>
<td>0.36</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs886162</td>
<td>G:C</td>
<td>158:181</td>
<td>0.87</td>
<td>1.56</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs1990276</td>
<td>C:G</td>
<td>158:145</td>
<td>1.09</td>
<td>0.56</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2238794</td>
<td>C:G</td>
<td>156:172</td>
<td>0.91</td>
<td>0.78</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs2518827</td>
<td>A:G</td>
<td>80:55</td>
<td>1.46</td>
<td>2.36</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs140500</td>
<td>A:G</td>
<td>136:115</td>
<td>1.14</td>
<td>1.76</td>
<td>0.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td>rs140503</td>
<td>C:T</td>
<td>114:114</td>
<td>1.00</td>
<td>0.00</td>
<td>0.001</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
| rs7291469 | T:C | 114:124 | 0.92 | 0.42 | .52 | .69 |
| rs131677  | C:A | 161:151 | 1.07 | 0.32 | .57 | .63 |
| rs3788360 | T:C | 127:153 | 0.83 | 2.41 | .12 | .24 |
| rs131686  | A:T | 165:166 | 0.99 | 0.00 | .96 | >.99 |
| rs180807  | G:A | 175:164 | 1.07 | 0.36 | .55 | .65 |

**SOX10**  22
| rs139884  | T:C | 173:174 | 0.99 | 0.00 | .96 | >.99 |

**Abbreviations:** Chr, chromosome; GABA, γ-aminobutyric acid; qc, Illumina quality control single-nucleotide polymorphism (SNP); TDT, transmitted to untransmitted.
<table>
<thead>
<tr>
<th>Gene ID</th>
<th>Location</th>
<th>No. of SNPs Tested</th>
<th>Mean $r^2$</th>
<th>% of SNPs With $r^2 &gt; 0.8$</th>
<th>SNP Rank Order</th>
<th>SNP</th>
<th>Mean $\chi^2$</th>
<th>$P$ Value for Gene</th>
</tr>
</thead>
<tbody>
<tr>
<td>GABRB2</td>
<td>chr5:160648456-160916837</td>
<td>27</td>
<td>0.92</td>
<td>0.84</td>
<td>SNP 1</td>
<td>rs967771</td>
<td>5.92</td>
<td>.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 2</td>
<td>rs10515827</td>
<td>5.87</td>
<td>.06</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 3</td>
<td>rs3850733</td>
<td>5.67</td>
<td>.03</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 4</td>
<td>rs1644454</td>
<td>5.22</td>
<td>.02</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 5</td>
<td>rs252957</td>
<td>4.77</td>
<td>.01</td>
</tr>
<tr>
<td>SIAT4A</td>
<td>chr8:134537248-134663109</td>
<td>45</td>
<td>0.80</td>
<td>0.72</td>
<td>SNP 1</td>
<td>rs2978012</td>
<td>12.17</td>
<td>.002</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 2</td>
<td>rs7835464</td>
<td>11.57</td>
<td>&lt;.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 3</td>
<td>rs9643297</td>
<td>10.66</td>
<td>&lt;.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 4</td>
<td>rs939027</td>
<td>9.89</td>
<td>&lt;.001</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 5</td>
<td>rs3758105</td>
<td>8.65</td>
<td>&lt;.001</td>
</tr>
<tr>
<td>TACR1</td>
<td>chr2:75183451-75340883</td>
<td>27</td>
<td>0.86</td>
<td>0.82</td>
<td>SNP 1</td>
<td>rs6546952</td>
<td>7.58</td>
<td>.04</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 2</td>
<td>rs3755456</td>
<td>6.17</td>
<td>.04</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 3</td>
<td>rs3771809</td>
<td>5.66</td>
<td>.02</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 4</td>
<td>rs713082</td>
<td>4.94</td>
<td>.01</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 5</td>
<td>rs4439987</td>
<td>4.49</td>
<td>.009</td>
</tr>
<tr>
<td>DISC1</td>
<td>chr1:228073965-228483722</td>
<td>54</td>
<td>0.84</td>
<td>0.75</td>
<td>SNP 1</td>
<td>rs10864702</td>
<td>4.25</td>
<td>.23</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 2</td>
<td>rs2759346</td>
<td>3.65</td>
<td>.17</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 3</td>
<td>rs1934909</td>
<td>3.42</td>
<td>.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 4</td>
<td>rs1015101</td>
<td>3.24</td>
<td>.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 5</td>
<td>rs11577215</td>
<td>3.12</td>
<td>.047</td>
</tr>
<tr>
<td>DTNBP1</td>
<td>chr6:15626511-15780272</td>
<td>19</td>
<td>0.91</td>
<td>0.87</td>
<td>SNP 1</td>
<td>rs1011313</td>
<td>3.25</td>
<td>.37</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 2</td>
<td>rs1000117</td>
<td>2.53</td>
<td>.34</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 3</td>
<td>rs441539</td>
<td>2.08</td>
<td>.31</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 4</td>
<td>rs1997679</td>
<td>1.84</td>
<td>.26</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 5</td>
<td>rs3778651</td>
<td>1.63</td>
<td>.22</td>
</tr>
<tr>
<td>NRG1</td>
<td>chr8:31616809-32720283</td>
<td>11</td>
<td>^c^</td>
<td>^c^</td>
<td>SNP 1</td>
<td>rs3924999</td>
<td>4.07</td>
<td>.24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 2</td>
<td>rs967205</td>
<td>2.70</td>
<td>.28</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 3</td>
<td>rs7820923</td>
<td>2.08</td>
<td>.28</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 4</td>
<td>rs3735781</td>
<td>1.70</td>
<td>.26</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SNP 5</td>
<td>rs7000831</td>
<td>1.46</td>
<td>.23</td>
</tr>
</tbody>
</table>

© 2008 American Medical Association. All rights reserved.
**Abbreviations:** chr, chromosome; SNP, single-nucleotide polymorphism.

*Refers to the number of SNPs (e.g., SNP 3 indicates the third most significant SNP in the set).*

*Adjusted for all single- and multiple-SNP tests.*

*The tagging approach was not applied because of gene size.*