

Supplementary Table 1. Summary of loci and genes associated with ET selected in our study. OR and p-values were presented for the SNPs identified in case-control studies or GWAS.

<b>Gene</b>	<b>Genomic location</b>	<b>Year of identification</b>	<b>OR (95%CI)</b>	<b>P value</b>
<i>DRD3</i>	chr3q13	2006	/	/
<i>HS1BP3</i>	chr2p24.1	2005	/	/
<i>FUS</i>	chr16p11.2	2012	/	/
<i>HTRA2</i>	chr2p13.1	2014	/	/
<i>TENM4</i>	chr11q14.1	2015	/	/
<i>SCN4A</i>	chr17q23.3	2015	/	/
<i>SORT1</i>	chr1p13.3	2015	/	/
<i>NOS3</i>	chr7q36.1	2016	/	/
<i>KCNS2</i>	chr8q22.2	2016	/	/
<i>HAPLN4</i>	chr19p13.11	2016	/	/
<i>USP46</i>	chr4q12	2016	/	/
<i>SCN11A</i>	chr3p22.2	2017	/	/
<i>CACNA1G</i>	chr17q21.33	2019	/	/
<i>SLIT3</i>	chr5q34-q35.1	2019	/	/
<i>KARS</i>	chr16q23.1	2019	/	/
<i>KIF5A</i>	chr12q13.3	2019	/	/
<i>NTRK1</i>	chr1q23.1	2019	/	/
<i>MTHFR (T677T)</i>	chr1p36.22	2004	3.05 (1.50, 6.23)	0.001
<i>MTHFR (T677T/A1298A)</i>	chr1p36.22	2004	3.15 (1.51, 6.58)	0.001
<i>MTHFR (C677C/C1298C)</i>	chr1p36.22	2004	2.29 (0.99, 5.30)	0.047
<i>LINGO1 (rs9652490)</i>	chr15q24.3	2009	1.63 (1.35, 1.97)	3.0*10 <sup>-7</sup>
<i>LINGO2 (rs1412229)</i>	chr9p21.2-p21.1	2010	0.72(0.55, 0.94)	0.015
<i>MAPT (rs1052553)</i>	chr17q21.31	2011	1.32 (1.03, 1.67)	0.027
<i>SLC1A2 (rs3794087)</i>	chr11p13	2012	1.59 (1.38, 1.84)	3.4*10 <sup>-10</sup>
<i>HMOX1 (rs2071746)</i>	chr22q12.3	2015	0.64 (0.41, 0.99)	0.033
<i>HMOX2 (rs1051308)</i>	chr16p13.3	2015	1.44 (1.04, 1.99)	0.022
<i>TREM2 (rs75932628)</i>	chr6p21.1	2015	5.97(1.20, 29.63)	0.042
<i>STK32B (rs10937625)</i>	chr4p16.2	2016	0.80 (0.74–0.87)	5.2*10 <sup>-10</sup>
<i>PPARGC1A (rs17590046)</i>	chr4p15.2	2016	0.79 (0.72–0.86)	1.4*10 <sup>-9</sup>
<i>CTNNA3 (rs12764057)</i>	chr10q21.3	2016	1.17 (1.09–1.26)	1.2*10 <sup>-8</sup>
<i>CTNNA3 (rs10822974)</i>	chr10q21.3	2016	1.16 (1.08–1.24)	1.7*10 <sup>-7</sup>
<i>CTNNA3 (rs7903491)</i>	chr10q21.3	2016	1.10 (1.03–1.18)	2.5*10 <sup>-7</sup>
<i>ALAD (allele 2)</i>	chr9q32	2017	80.29(3.08,2,096.36)	0.008
<i>RIT2 (rs12456492)</i>	chr18q12.3	2017	1.37(1.11-1.70)	0.003
<i>MC1R (rs34090186)</i>	chr16q24.3	2018	2.79(1.08, 7.18)	0.027
<i>VDR (rs2228570)</i>	chr12q13.11	2018	2.21 (1.05–4.64)	0.033
<i>IL1B (rs1143633)</i>	chr2q14.1	2019	2.57(1.38-4.81)	0.003

/: inapplicable.