

Supplementary Table S6. PE-GWAS data from Johnson *et al.* (2012)

Most significant locus downstream of INHBB		
Neighbours	Description	Comment
PTPN4	Protein Tyrosine Phosphatase Non-Receptor Type 4	protects neurones from Apoptosis (UniProtKB)
EPB41L5	Erythrocyte Membrane Protein Band 4.1 Like 5	
TMEM185B	Transmembrane Protein 185B	
RALB	RAS Like Proto-Oncogene B	associated with membrane-trafficking and required for suppression of apoptosis (UniProtKB)
INHBB	Inhibin Subunit Beta B	
LOC84931	non-protein coding RNA	mRNA down in PE. Associated with poor prognosis in cancer survival (Xu A. et al. 2019. https://doi.org/10.3389/fgene.2019.00236)

N.B. blue and red text respectively refer to lower and higher mRNA levels in PE, and purple regulate mRNA or protein levels

Other loci

Neighbours	Description	Comment
CTDSPL2	CTD Small Phosphatase Like 2	close to GOLM2, EIF3J (Eukaryotic translation initiation factor 3J), SPG11 (vesicle trafficking)
rs12431203	SNP near KTC12, ACOD1, CLN5 , FBXL3, MYCBP2	CLN5 up -encodes intracellular trafficking protein, MYCBP2 up - encodes E3 ubiquitin protein ligase
rs2826535	SNP near LNC00320 and NCAM2	
RAB10	RAB10 up - RAB oncogene	Close to KIF3C (Kinesin Family Member 3C), GAREM2, HADHA (hydroxyacyl-CoA dehydrogenase - component of beta oxidation)
ATP6V1E2	ATPase H+ Transporting V1 Subunit E2	close to TMEM247, PIGF (Phosphatidylinositol Glycan Anchor Biosynthesis Class F), RHOQ (ras homolog family member Q)
rs6542736	GACAT1 long-noncoding RNA	close to RGP4 (RNABP2 like and GRIP domain containing 4)
CNIH3	CNIH3 down - Cornichon Family AMPA Receptor Auxiliary Protein 3	close to WDR26 (WD repeat 26), CNIH4
CHMP2B	CHMP2B - (charged multivesicular body protein 2B)	2 synonymous SNPs. Involved in Endosomal Sorting Complex. Close by are POU1F1 (a TF: POU class 1 homeobox 1), MiRNA4795, LNC00506 and VGLL3 (Vestigial Like Family Member 3)
C4orf37	renamed STPG2 (sperm tail PG-rich repeat containing 2)	close to COX7A2P2 pseudogene
rs17024019	SNP near to CHMP2B (see above)	

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