

Supplementary Table S1. 652 genes included in the hereditary epilepsy panel

AARS1, ABAT, ACOX1, ACLEB6, ADAR, ADGRG1, ADPRS, ADSL, AFF3, AIMP1, AKT3, ALDH5A1, ALDH7A1, ALG1, ALG11, ALG13, ALG3, ALG6, ALG8, ALG9, ALPL, AMPD2, AMT, AP2M1, AP3B2, ARFGF2, ARG1, ARHGEF9, ARID1B, ARV1, ARX, ASAH1, ASPA, ATN1, ATP1A1, ATP1A2, ATP1A3, ATP6V0A2, ATP6V1A, ATP7A, ATRX, BCKDHA, BCKDHB, BCS1L, BOLA3, BRAF, BRAT1, BSCL2, BTB, C12orf57, CACNA1A, CACNA1B, CACNA1D, CACNA1E, CACNA1G, CACNA2D2, CAD, CASK, CC2D2A, CDKL5, CHD2, CHRNA2, CHRNA4, CHRN2, CIC, CLCN4, CLN3, CLN8, CLTC, CNKSR2, CNM2, CNPY3, CNTNAP2, COG7, COL18A1, COL4A1, COL4A2, COQ2, COQ4, COQ9, CPA6, CREBBP, CSNK2B, CSTB, CTNNA2, CTSD, CUL4B, CUX2, CYFIP2, D2HGDH, DBT, DCX, DDX3X, DEAF1, DEGS1, DENND5A, DEPDC5, DHDDS, DHPS, DHX30, DIAPH1, DNM1, DNM1L, DOCK7, DPAGT1, DPM1, DPYD, DYNC1H1, DYRK1A, EARS2, EEF1A2, EFTUD2, EHMT1, EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5, EIF2S3, EIF3F, EML1, EPG5, EPM2A, ETHE1, EXOSC3, FARS2, FBXL4, FBXO11, FGF12, FKTN, FLNA, FOLR1, FOXG1, FRRS1L, FUCA1, FUT8, GABBR2, GABRA1, GABRA2, GABRA5, GABRB2, GABRB3, GABRG2, GALT, GATM, GBA, GFAP, GLB1, GLDC, GLUD1, GLUL, GM2A, GNAO1, GNAQ, GNB1, GNB5, GOSR2, GOT2, GPAA1, GPHN, GRIA4, GRIN1, GRIN2A, GRIN2B, GRIN2D, GTPBP2, HACE1, HAX1, HCFC1, HCN1, HCN2, HECW2, HEPACAM, HEXA, HEXB, HMGCL, HNRNP2, HNRNP3, HNRNP4, HNRNP5, HNRNP6, HNRNP7, HNRNP8, HNRNP9, HNRNP10, HNRNP11, HNRNP12, HNRNP13, HNRNP14, HNRNP15, HNRNP16, HNRNP17, HNRNP18, HNRNP19, HNRNP20, HNRNP21, HNRNP22, HNRNP23, HNRNP24, HNRNP25, HNRNP26, HNRNP27, HNRNP28, HNRNP29, HNRNP30, HNRNP31, HNRNP32, HNRNP33, HNRNP34, HNRNP35, HNRNP36, HNRNP37, HNRNP38, HNRNP39, HNRNP40, HNRNP41, HNRNP42, HNRNP43, HNRNP44, HNRNP45, HNRNP46, HNRNP47, HNRNP48, HNRNP49, HNRNP50, HNRNP51, HNRNP52, HNRNP53, HNRNP54, HNRNP55, HNRNP56, HNRNP57, HNRNP58, HNRNP59, HNRNP60, HNRNP61, HNRNP62, HNRNP63, HNRNP64, HNRNP65, HNRNP66, HNRNP67, HNRNP68, HNRNP69, HNRNP70, HNRNP71, HNRNP72, HNRNP73, HNRNP74, HNRNP75, HNRNP76, HNRNP77, HNRNP78, HNRNP79, HNRNP80, HNRNP81, HNRNP82, HNRNP83, HNRNP84, HNRNP85, HNRNP86, 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