

PANEL Epilepsie met ontwikkelingsachterstand (EP) v1

<u>Gen</u>	<u>NCBI Gene ID</u>
AARS1	16
ABAT	18
ACTB	60
ACTG1	71
ACTL6B	51412
ACY1	95
ADAR	103
ADPRHL2	54936
ADSL	158
AFG3L2	10939
ALDH7A1	501
ALG11	440138
ALG13	79868
AMT	275
ANKRD11	29123
AP3B2	8120
AP4S1	11154
ARFGEF2	10564
ARHGEF9	23229
ARID1B	57492
ARV1	64801
ARX	170302
ASXL3	80816
ATN1	1822
ATP1A2	477
ATP1A3	478
BRAT1	221927
BSCL2	26580
CACNA1A	773
CACNA1B	774
CACNA1E	777
CACNA1G	8913
CACNA2D2	9254
CASK	8573
CDK13	8621
CDKL5	6792

CERS1	10715
CERT1	10087
CHD2	1106
CLCN4	1183
CLN3	1201
CLN5	1203
CLN6	54982
CLN8	2055
CLTC	1213
CNKSR2	22866
CNTNAP2	26047
COL18A1	80781
COL4A1	1282
CPLX1	10815
CPT2	1376
CSNK2B	1460
CSTB	1476
CTSD	1509
CUX2	23316
CYFIP2	26999
DCX	1641
DDX3X	1654
DENND5A	23258
DEPDC5	9681
DHDDS	79947
DMXL2	23312
DNM1	1759
DNM1L	10059
DOCK7	85440
DYRK1A	1859
EEF1A2	1917
EHMT1	79813
EPM2A	7957
FARS2	10667
FGF12	2257
FLNA	2316
FMN2	56776
FMR1	2332
FOLR1	2348
FOXG1	2290
FRRS1L	23732

FZR1	51343
GABBR2	9568
GABRA1	2554
GABRA2	2555
GABRB1	2560
GABRB2	2561
GABRB3	2562
GABRG2	2566
GAD1	2571
GAMT	2593
GBA	2629
GLDC	2731
GNAO1	2775
GNB1	2782
GNB5	10681
GOSR2	9570
GPHN	10243
GRIA2	2891
GRIA3	2892
GRIK2	2898
GRIN1	2902
GRIN2A	2903
GRIN2B	2904
GRIN2D	2906
HCN1	348980
HECW2	57520
HNRNPU	3192
HUWE1	10075
IER3IP1	51124
IFIH1	64135
IQSEC2	23096
IRF2BPL	64207
ITPA	3704
KANSL1	284058
KARS1	3735
KCNA1	3736
KCNA2	3737
KCNB1	3745
KCNC1	3746
KCNH1	3756
KCNJ10	3766

KCNK4	50801
KCNMA1	3778
KCNQ2	3785
KCNQ3	3786
KCNQ5	56479
KCNT1	57582
KCNT2	343450
KCTD7	154881
KDM5C	8242
KIF1A	547
KIF2A	3796
KIF5C	3800
KMT2E	55904
MAP1B	4131
MBD5	55777
MECP2	4204
MED13L	23389
MEF2C	4208
MFSD8	256471
MOCS1	4337
MOCS2	4338
MTOR	2475
NARS2	79731
NBEA	26960
NEU1	4758
NEXMIF	340533
NF1	4763
NF2	4771
NHLRC1	378884
NIPA1	123606
NPRL2	10641
NPRL3	8131
NRXN1	9378
NTRK2	4915
NUS1	116150
OTUD6B	51633
PACS2	23241
PAFAH1B1	5048
PARS2	25973
PCDH19	57526
PHACTR1	221692

PIGA	5277
PIGN	23556
PIGQ	9091
PIGS	94005
PIGT	51604
PLCB1	23236
PLPBP	11212
PNKP	11284
PNPO	55163
POLG	5428
PPP2R5D	5528
PPP3CA	5530
PPT1	5538
PRICKLE1	144165
PRRT2	112476
PTEN	5728
PURA	5813
QARS1	5859
RELN	5649
RHOBTB2	23221
RNASEH2A	10535
RNASEH2B	79621
RNASEH2C	84153
ROGDI	79641
RORA	6095
RORB	6096
RTN4IP1	84816
SAMHD1	25939
SCARB2	950
SCN1A	6323
SCN1B	6324
SCN2A	6326
SCN3A	6328
SCN8A	6334
SERPINI1	5274
SETD2	29072
SHANK3	85358
SIK1	150094
SLC12A5	57468
SLC13A5	284111
SLC19A3	80704

SLC1A2	6506
SLC25A12	8604
SLC25A22	79751
SLC2A1	6513
SLC35A2	7355
SLC35A3	23443
SLC6A1	6529
SLC6A8	6535
SLC9A6	10479
SMARCA2	6595
SMC1A	8243
SNAP25	6616
SPATA5	166378
SPTAN1	6709
ST3GAL3	6487
ST3GAL5	8869
STAG1	10274
STX1B	112755
STXBP1	6812
SYN1	6853
SYNGAP1	8831
SYNJ1	8867
SZT2	23334
TANC2	26115
TBC1D24	57465
TBCD	6904
TCF4	6925
TK2	7084
TPP1	1200
TRAK1	22906
TRAPPC6B	122553
TREX1	11277
TRIT1	54802
TSC1	7248
TSC2	7249
TUBA1A	7846
TUBB2B	347733
UBA5	79876
UBE3A	7337
UFC1	51506
UGDH	7358

VARS1	7407
VARS2	57176
WDR26	80232
WDR45	11152
WVOX	51741
YWHAG	7532
ZBTB18	10472
ZEB2	9839
ZNHIT3	9326