

GeDiPNet Cluster 17 -- Top Shared Genes

Curated genes (disease_gdp) linked to 2 or more of this cluster's member diseases, most widely shared first. Data as of: 2026-10-08 03:15:01. · Rows: 500 · Generated: 2026-10-08 12:11:03

Note: PDF export is limited to the first 500 rows. Use TSV or CSV format for the complete export.

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
TERT	14	21	Breast cancer; Cancer; Colorectal adenoma; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Neoplasms; Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Triple negative breast cancer; Uterine fibroid
GREM1	12	21	Breast cancer; Cancer; Colorectal adenoma; Colorectal cancer; Estrogen-receptor negative breast cancer; hereditary mixed polyposis syndrome; Lung cancer; Neoplasms; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma
MLLT10	12	21	Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Triple negative breast cancer; Uterine fibroid
RTEL1	12	21	Breast cancer; Cancer; Colorectal adenoma; Colorectal cancer; Dental caries; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Uterine fibroid
TP53	12	21	Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Neoplasms; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Triple negative breast cancer; Uterine fibroid
C11ORF65	11	21	Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Triple negative breast cancer; Uterine fibroid
CCDC170	11	21	Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Triple negative breast cancer
CCDC91	11	21	Androgenetic alopecia; Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Triple negative breast cancer
CDC47	11	21	Androgenetic alopecia; Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Triple negative breast cancer
EIF3H	11	21	Breast cancer; Cancer; Colorectal adenoma; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Neoplasms; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma
HLA-B	11	21	Breast cancer; Cancer; Colorectal adenoma; Colorectal cancer; Dental caries; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma
HLA-DQA1	11	21	Breast cancer; Cancer; Colorectal adenoma; Colorectal cancer; Dental caries; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma
HLA-DRB5	11	21	Breast cancer; Cancer; Colorectal cancer; Dental caries; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma
NEK10	11	21	Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Uterine fibroid
NSF	11	21	Androgenetic alopecia; Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma
PIK3C2B	11	21	Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Neoplasms; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Uterine fibroid
POU5F1B	11	21	Breast cancer; Cancer; Colorectal adenoma; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Neoplasms; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma
PTHLH	11	21	Androgenetic alopecia; Breast cancer; Cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma; Triple negative breast cancer
SMAD7	11	21	Breast cancer; Cancer; Colorectal adenoma; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Neoplasms; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma

[illegible]

[illegible]

[illegible]

[illegible]

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Gene	Member Diseases Linked	Cluster Size	Linked Diseases
CSMD1	6	21	Breast cancer; Colorectal cancer; Lung cancer; Prostate cancer; Squamous cell carcinoma; Uterine fibroid
DLC1	6	21	Androgenetic alopecia; Colorectal cancer; Lung cancer; Ovarian cancer; Ovarian epithelial cancer; Squamous cell carcinoma
ERBB4	6	21	Breast cancer; Colorectal cancer; Lung cancer; Ovarian cancer; Ovarian epithelial cancer; Squamous cell carcinoma
HSPA4	6	21	Androgenetic alopecia; Breast cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Uterine fibroid
MDM4	6	21	Breast cancer; Estrogen-receptor negative breast cancer; Neoplasms; Prostate cancer; Triple negative breast cancer; Uterine fibroid
MUC22	6	21	Cancer; Colorectal adenoma; Colorectal cancer; Lung cancer; Prostate cancer; Squamous cell carcinoma
PDE4D	6	21	Androgenetic alopecia; Breast cancer; Colorectal adenoma; Lung cancer; Ovarian cancer; Ovarian serous carcinoma
RBMS3	6	21	Breast cancer; Colorectal cancer; Dental caries; Lung cancer; Prostate cancer; Squamous cell carcinoma
SLC6A18	6	21	Breast cancer; Colorectal adenoma; Colorectal cancer; Neoplasms; Triple negative breast cancer; Uterine fibroid
WNT4	6	21	Breast cancer; Colorectal cancer; Ovarian cancer; Ovarian epithelial cancer; Squamous cell carcinoma; Uterine fibroid
ZFH3	6	21	Breast cancer; Cancer; Estrogen-receptor negative breast cancer; Ovarian cancer; Ovarian epithelial cancer; Prostate cancer
ACOXL	5	21	Colorectal cancer; Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma; Prostate cancer
ADARB2	5	21	Breast cancer; Lung cancer; Ovarian cancer; Ovarian epithelial cancer; Prostate cancer
ANKLE1	5	21	Breast cancer; Estrogen-receptor negative breast cancer; Ovarian cancer; Squamous cell carcinoma; Triple negative breast cancer
BTN2A1	5	21	Breast cancer; Dental caries; Estrogen-receptor negative breast cancer; Lung cancer; Squamous cell carcinoma
CTNNA2	5	21	Breast cancer; Dental caries; Ovarian cancer; Ovarian serous carcinoma; Uterine fibroid
FADS2	5	21	Androgenetic alopecia; Cancer; Colorectal cancer; Lung cancer; Neoplasms
HCN1	5	21	Breast cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Squamous cell carcinoma
KCNS3	5	21	Breast cancer; Colorectal adenoma; Colorectal cancer; Ovarian cancer; Ovarian epithelial cancer
KLF5	5	21	Androgenetic alopecia; Colorectal adenoma; Colorectal cancer; Prostate cancer; Squamous cell carcinoma
KREMEN1	5	21	Androgenetic alopecia; Breast cancer; Ovarian cancer; Ovarian serous carcinoma; Uterine fibroid
NYAP2	5	21	Breast cancer; Lung cancer; Ovarian cancer; Prostate cancer; Squamous cell carcinoma
PIK3CA	5	21	Breast cancer; Colorectal cancer; Lung cancer; Ovarian cancer; Squamous cell carcinoma
PLEKHM1	5	21	Androgenetic alopecia; Breast cancer; Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma
POGLUT3	5	21	Breast cancer; Estrogen-receptor negative breast cancer; Prostate cancer; Triple negative breast cancer; Uterine fibroid
RIN3	5	21	Breast cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Lung cancer; Ovarian cancer
SLC25A21	5	21	Breast cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Ovarian cancer; Prostate cancer
TPCN2	5	21	Breast cancer; Colorectal cancer; Ovarian cancer; Prostate cancer; Squamous cell carcinoma
TRPS1	5	21	Androgenetic alopecia; Breast cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Squamous cell carcinoma
TTC7A	5	21	Lung cancer; Ovarian cancer; Ovarian serous carcinoma; Prostate cancer; Squamous cell carcinoma
ZMIZ1	5	21	Breast cancer; Colorectal adenoma; Colorectal cancer; Lung cancer; Prostate cancer
ZNF322	5	21	Breast cancer; Dental caries; Lung cancer; Prostate cancer; Squamous cell carcinoma
ZNRF3	5	21	Androgenetic alopecia; Breast cancer; Colorectal cancer; Prostate cancer; Uterine fibroid

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
ABO	4	21	Breast cancer; Ovarian cancer; Ovarian epithelial cancer; Prostate cancer
ADCY8	4	21	Breast cancer; Colorectal cancer; Lung cancer; Prostate cancer
ADGRL2	4	21	Breast cancer; Dental caries; Ovarian cancer; Prostate cancer
AKT1	4	21	Breast cancer; Colorectal cancer; Ovarian cancer; Squamous cell carcinoma
AOPEP	4	21	Androgenetic alopecia; Breast cancer; Colorectal cancer; Prostate cancer
BCL2	4	21	Androgenetic alopecia; Breast cancer; Neoplasms; Prostate cancer
BOC	4	21	Colorectal adenoma; Colorectal cancer; Dental caries; Neoplasms
BRIP1	4	21	Breast cancer; Colorectal adenoma; Ovarian cancer; Squamous cell carcinoma
BTN3A2	4	21	Dental caries; Lung cancer; Prostate cancer; Squamous cell carcinoma
C6ORF15	4	21	Colorectal cancer; Lung cancer; Prostate cancer; Squamous cell carcinoma
CCDC88C	4	21	Breast cancer; Ovarian cancer; Prostate cancer; Triple negative breast cancer
CDKN2C	4	21	Androgenetic alopecia; Breast cancer; Prostate cancer; Uterine fibroid
CLPTM1L	4	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma; Uterine fibroid
COL4A2	4	21	Androgenetic alopecia; Colorectal adenoma; Colorectal cancer; Neoplasms
CTNNB1	4	21	Androgenetic alopecia; Colorectal cancer; Ovarian cancer; Squamous cell carcinoma
DCLK1	4	21	Androgenetic alopecia; Ovarian cancer; Ovarian serous carcinoma; Squamous cell carcinoma
DLGAP2	4	21	Breast cancer; Colorectal cancer; Lung cancer; Squamous cell carcinoma
DNAH11	4	21	Breast cancer; Lung cancer; Prostate cancer; Squamous cell carcinoma
DOCK8	4	21	Androgenetic alopecia; Lung cancer; Squamous cell carcinoma; Uterine fibroid
EBF2	4	21	Breast cancer; Ovarian serous carcinoma; Prostate cancer; Uterine fibroid
FAM118A	4	21	Androgenetic alopecia; Colorectal cancer; Dental caries; Prostate cancer
FMN1	4	21	Androgenetic alopecia; Colorectal adenoma; Colorectal cancer; Prostate cancer
GATAD2A	4	21	Breast cancer; Estrogen-receptor negative breast cancer; Ovarian cancer; Prostate cancer
GLIS3	4	21	Androgenetic alopecia; Colorectal cancer; Dental caries; Squamous cell carcinoma
GPC5	4	21	Breast cancer; Colorectal cancer; Lung cancer; Squamous cell carcinoma
GPX6	4	21	Breast cancer; Ovarian cancer; Ovarian epithelial cancer; Squamous cell carcinoma
HORMAD2	4	21	Breast cancer; Dental caries; Lung cancer; Squamous cell carcinoma
IGF1	4	21	Breast cancer; Dental caries; Squamous cell carcinoma; Uterine fibroid
IRF1	4	21	Androgenetic alopecia; Breast cancer; Estrogen-receptor negative breast cancer; Lung cancer
ITPR1	4	21	Androgenetic alopecia; Breast cancer; Ovarian cancer; Uterine fibroid
L3MBTL3	4	21	Androgenetic alopecia; Breast cancer; Estrogen-receptor negative breast cancer; Prostate cancer
LAMC1	4	21	Colorectal adenoma; Colorectal cancer; Neoplasms; Prostate cancer
LCORL	4	21	Colorectal cancer; Ovarian cancer; Prostate cancer; Squamous cell carcinoma

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
LGR6	4	21	Breast cancer; Estrogen-receptor negative breast cancer; Squamous cell carcinoma; Triple negative breast cancer
LRPPRC	4	21	Breast cancer; Colorectal cancer; Ovarian cancer; Ovarian epithelial cancer
LRRN2	4	21	Breast cancer; Prostate cancer; Triple negative breast cancer; Uterine fibroid
MAPT	4	21	Androgenetic alopecia; Breast cancer; Estrogen-receptor negative breast cancer; Ovarian cancer
MAST4	4	21	Breast cancer; Colorectal cancer; Ovarian cancer; Prostate cancer
MCM8	4	21	Breast cancer; Colorectal cancer; Estrogen-receptor negative breast cancer; Uterine fibroid
METRNL	4	21	Breast cancer; Colorectal adenoma; Colorectal cancer; Neoplasms
MRPS30	4	21	Breast cancer; Estrogen-receptor negative breast cancer; Lung cancer; Squamous cell carcinoma
MTMR3	4	21	Breast cancer; Dental caries; Lung cancer; Squamous cell carcinoma
MTUS2	4	21	Breast cancer; Colorectal cancer; Ovarian cancer; Ovarian epithelial cancer
NAALADL2	4	21	Breast cancer; Lung cancer; Prostate cancer; Uterine fibroid
NALF1	4	21	Breast cancer; Colorectal adenoma; Colorectal cancer; Squamous cell carcinoma
NOTCH4	4	21	Colorectal cancer; Lung cancer; Prostate cancer; Squamous cell carcinoma
NRSN1	4	21	Breast cancer; Lung cancer; Prostate cancer; Squamous cell carcinoma
NRXN3	4	21	Breast cancer; Colorectal cancer; Prostate cancer; Squamous cell carcinoma
PCDH15	4	21	Breast cancer; Lung cancer; Prostate cancer; Squamous cell carcinoma
PCED1B	4	21	Colorectal cancer; Lung cancer; Prostate cancer; Squamous cell carcinoma
PEX14	4	21	Androgenetic alopecia; Breast cancer; Estrogen-receptor negative breast cancer; Prostate cancer
PLCL1	4	21	Colorectal adenoma; Colorectal cancer; Lung cancer; Prostate cancer
PRDM6	4	21	Androgenetic alopecia; Breast cancer; Lung cancer; Prostate cancer
PRKN	4	21	Colorectal cancer; Lung cancer; Ovarian cancer; Squamous cell carcinoma
PSORS1C1	4	21	Lung cancer; Ovarian cancer; Ovarian epithelial cancer; Squamous cell carcinoma
PTPRD	4	21	Breast cancer; Colorectal cancer; Dental caries; Ovarian serous carcinoma
PTPRN2	4	21	Breast cancer; Colorectal cancer; Ovarian cancer; Ovarian epithelial cancer
RNLS	4	21	Androgenetic alopecia; Lung cancer; Prostate cancer; Uterine fibroid
ROBO2	4	21	Lung cancer; Ovarian cancer; Ovarian serous carcinoma; Squamous cell carcinoma
RSPO1	4	21	Androgenetic alopecia; Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma
SCGN	4	21	Breast cancer; Dental caries; Lung cancer; Squamous cell carcinoma
SEMA6D	4	21	Breast cancer; Lung cancer; Prostate cancer; Squamous cell carcinoma
SKAP1	4	21	Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma; Prostate cancer
SLC6A15	4	21	Breast cancer; Colorectal cancer; Lung cancer; Squamous cell carcinoma
SMAD3	4	21	Androgenetic alopecia; Breast cancer; Colorectal adenoma; Colorectal cancer
SMAD6	4	21	Colorectal adenoma; Colorectal cancer; Lung cancer; Neoplasms

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
SPRY4	4	21	Breast cancer; Cancer; Lung cancer; Squamous cell carcinoma
THSD4	4	21	Breast cancer; Colorectal cancer; Dental caries; Estrogen-receptor negative breast cancer
TNFSF10	4	21	Breast cancer; Estrogen-receptor negative breast cancer; Prostate cancer; Triple negative breast cancer
TNRC6B	4	21	Breast cancer; Estrogen-receptor negative breast cancer; Prostate cancer; Uterine fibroid
VAPA	4	21	Androgenetic alopecia; Breast cancer; Colorectal cancer; Triple negative breast cancer
VTI1A	4	21	Colorectal adenoma; Colorectal cancer; Lung cancer; Squamous cell carcinoma
WNK1	4	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma; Uterine fibroid
WNT3	4	21	Androgenetic alopecia; Breast cancer; Estrogen-receptor negative breast cancer; Ovarian cancer
XCL2	4	21	Breast cancer; Estrogen-receptor negative breast cancer; Lung cancer; Squamous cell carcinoma
ZBTB20	4	21	Androgenetic alopecia; Colorectal cancer; Prostate cancer; Uterine fibroid
ZBTB7B	4	21	Breast cancer; Cancer; Ovarian cancer; Prostate cancer
ZNF423	4	21	Androgenetic alopecia; Colorectal cancer; Ovarian cancer; Ovarian epithelial cancer
ZNF804A	4	21	Colorectal cancer; Dental caries; Ovarian cancer; Prostate cancer
ABT1	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
ACAA2	3	21	Ovarian cancer; Ovarian epithelial cancer; Prostate cancer
ADAM29	3	21	Breast cancer; Colorectal cancer; Ovarian cancer
ADAMTS16	3	21	Breast cancer; Colorectal cancer; Ovarian cancer
ADAMTS17	3	21	Colorectal cancer; Ovarian cancer; Ovarian serous carcinoma
ADAMTS9	3	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma
ADAP2	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Ovarian cancer
ADAR	3	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma
ADCY3	3	21	Breast cancer; Dental caries; Estrogen-receptor negative breast cancer
ADRA2C	3	21	Colorectal cancer; Ovarian cancer; Ovarian epithelial cancer
AJAP1	3	21	Colorectal adenoma; Dental caries; Lung cancer
ALK	3	21	Dental caries; Prostate cancer; Squamous cell carcinoma
ANXA4	3	21	Breast cancer; Dental caries; Estrogen-receptor negative breast cancer
ARAP2	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Ovarian cancer
ARHGEF5	3	21	Breast cancer; Ovarian cancer; Prostate cancer
ARL17B	3	21	Androgenetic alopecia; Breast cancer; Estrogen-receptor negative breast cancer
ASB4	3	21	Ovarian cancer; Ovarian serous carcinoma; Prostate cancer
ASCL4	3	21	Lung cancer; Prostate cancer; Squamous cell carcinoma
ATF1	3	21	Androgenetic alopecia; Colorectal adenoma; Colorectal cancer
ATOH1	3	21	Colorectal adenoma; Colorectal cancer; Uterine fibroid

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
ATP8B4	3	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma
BAG6	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
BCAS4	3	21	Breast cancer; Colorectal cancer; Prostate cancer
BCL11A	3	21	Androgenetic alopecia; Ovarian cancer; Ovarian epithelial cancer
BMP4	3	21	Androgenetic alopecia; Colorectal adenoma; Colorectal cancer
BMP7	3	21	Androgenetic alopecia; Colorectal cancer; Prostate cancer
BORCS5	3	21	Androgenetic alopecia; Colorectal cancer; Uterine fibroid
BRCA1	3	21	Breast cancer; Ovarian cancer; Prostate cancer
C19ORF12	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Ovarian serous carcinoma
CADM2	3	21	Breast cancer; Colorectal cancer; Squamous cell carcinoma
CARMIL1	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
CASZ1	3	21	Androgenetic alopecia; Breast cancer; Uterine fibroid
CCND2	3	21	Colorectal adenoma; Colorectal cancer; Neoplasms
CCSER1	3	21	Breast cancer; Colorectal cancer; Lung cancer
CD248	3	21	Breast cancer; Ovarian cancer; Prostate cancer
CD44	3	21	Ovarian cancer; Ovarian serous carcinoma; Uterine fibroid
CDH3	3	21	Colorectal adenoma; Colorectal cancer; Prostate cancer
CDKAL1	3	21	Androgenetic alopecia; Breast cancer; Prostate cancer
CDKN2B	3	21	Breast cancer; Lung cancer; Prostate cancer
CHRD12	3	21	Colorectal adenoma; Colorectal cancer; Neoplasms
CHRNA3	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
CHRNA5	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
CHRNA4	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
CLINT1	3	21	Androgenetic alopecia; Lung cancer; Squamous cell carcinoma
CLYBL	3	21	Lung cancer; Squamous cell carcinoma; Uterine fibroid
CNTNAP2	3	21	Breast cancer; Colorectal cancer; Prostate cancer
COL22A1	3	21	Colorectal cancer; Prostate cancer; Uterine fibroid
COL2A1	3	21	Lung cancer; Prostate cancer; Squamous cell carcinoma
COL6A3	3	21	Lung cancer; Prostate cancer; Squamous cell carcinoma
CPNE4	3	21	Dental caries; Lung cancer; Prostate cancer
CPVL	3	21	Colorectal cancer; Prostate cancer; Squamous cell carcinoma
CUL5	3	21	Breast cancer; Triple negative breast cancer; Uterine fibroid
CWC22	3	21	Colorectal cancer; Ovarian cancer; Prostate cancer

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
DCBLD1	3	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma
DLEU7	3	21	Breast cancer; Colorectal cancer; Uterine fibroid
DLG2	3	21	Colorectal adenoma; Lung cancer; Squamous cell carcinoma
DMD	3	21	Breast cancer; Ovarian cancer; Ovarian epithelial cancer
DNM3	3	21	Breast cancer; Ovarian cancer; Uterine fibroid
DOCK1	3	21	Breast cancer; Lung cancer; Prostate cancer
DOCK2	3	21	Breast cancer; Prostate cancer; Triple negative breast cancer
DOCK3	3	21	Breast cancer; Colorectal cancer; Prostate cancer
DPP6	3	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma
DTWD1	3	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma
ECE1	3	21	Androgenetic alopecia; Breast cancer; Prostate cancer
ECHDC3	3	21	Androgenetic alopecia; Breast cancer; Estrogen-receptor negative breast cancer
EGFR	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
EHBP1	3	21	Androgenetic alopecia; Colorectal cancer; Prostate cancer
EMB	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Squamous cell carcinoma
EPB41L2	3	21	Androgenetic alopecia; Breast cancer; Prostate cancer
EPHB1	3	21	Lung cancer; Prostate cancer; Squamous cell carcinoma
EPHX2	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
ERG	3	21	Dental caries; Ovarian cancer; Ovarian serous carcinoma
ERLIN1	3	21	Breast cancer; Prostate cancer; Squamous cell carcinoma
ETAA1	3	21	Androgenetic alopecia; Lung cancer; Squamous cell carcinoma
EXO1	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Uterine fibroid
EXOC2	3	21	Androgenetic alopecia; Dental caries; Lung cancer
EXPH5	3	21	Estrogen-receptor negative breast cancer; Prostate cancer; Uterine fibroid
EYS	3	21	Colorectal cancer; Ovarian cancer; Ovarian serous carcinoma
FADS1	3	21	Cancer; Lung cancer; Neoplasms
FAM83B	3	21	Breast cancer; Colorectal cancer; Estrogen-receptor negative breast cancer
FANCC	3	21	Colorectal cancer; Ovarian cancer; Prostate cancer
FGF10	3	21	Breast cancer; Dental caries; Prostate cancer
FOXF2	3	21	Androgenetic alopecia; Ovarian cancer; Ovarian serous carcinoma
FOXL1	3	21	Colorectal adenoma; Colorectal cancer; Dental caries
FOXN3	3	21	Breast cancer; Ovarian cancer; Ovarian epithelial cancer
FRMD4A	3	21	Breast cancer; Lung cancer; Prostate cancer

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
FST	3	21	Breast cancer; Ovarian serous carcinoma; Prostate cancer
FUT2	3	21	Breast cancer; Dental caries; Lung cancer
GABRG3	3	21	Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma
GAREM1	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Lung cancer
GFRA2	3	21	Lung cancer; Prostate cancer; Squamous cell carcinoma
GKN2	3	21	Lung cancer; Neoplasms; Squamous cell carcinoma
GLI2	3	21	Androgenetic alopecia; Breast cancer; Prostate cancer
GLI3	3	21	Ovarian cancer; Ovarian epithelial cancer; Squamous cell carcinoma
GNL1	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
GRHL1	3	21	Breast cancer; Cancer; Prostate cancer
GRIK1	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
GRIN2B	3	21	Colorectal cancer; Dental caries; Squamous cell carcinoma
GRM7	3	21	Colorectal adenoma; Colorectal cancer; Lung cancer
H4C8	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
HAP1	3	21	Ovarian cancer; Ovarian epithelial cancer; Squamous cell carcinoma
HAPSTR1	3	21	Androgenetic alopecia; Ovarian cancer; Ovarian serous carcinoma
HHIP	3	21	Colorectal adenoma; Colorectal cancer; Neoplasms
HLA-DOA	3	21	Lung cancer; Prostate cancer; Squamous cell carcinoma
HLA-DOB	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
HLA-DPA1	3	21	Lung cancer; Prostate cancer; Squamous cell carcinoma
HMCN1	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
HOXB1	3	21	Colorectal cancer; Dental caries; Prostate cancer
HOXD3	3	21	Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma
HS6ST3	3	21	Breast cancer; Ovarian cancer; Ovarian epithelial cancer
HSPB7	3	21	Breast cancer; Ovarian cancer; Prostate cancer
IGSF21	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
IL2RA	3	21	Colorectal cancer; Ovarian cancer; Ovarian serous carcinoma
INCENP	3	21	Breast cancer; Ovarian cancer; Prostate cancer
INHBB	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Prostate cancer
INTS10	3	21	Breast cancer; Ovarian cancer; Ovarian serous carcinoma
INTS4	3	21	Ovarian cancer; Ovarian serous carcinoma; Prostate cancer
ITGA6	3	21	Breast cancer; Cancer; Prostate cancer
KCND2	3	21	Androgenetic alopecia; Prostate cancer; Uterine fibroid

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
KIAA1217	3	21	Breast cancer; Colorectal cancer; Prostate cancer
KLF6	3	21	Androgenetic alopecia; Ovarian serous carcinoma; Prostate cancer
KRAS	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
LAMA3	3	21	Ovarian cancer; Ovarian epithelial cancer; Ovarian serous carcinoma
LMNA	3	21	Lung cancer; Ovarian cancer; Prostate cancer
LPAR1	3	21	Colorectal adenoma; Colorectal cancer; Lung cancer
LPCAT1	3	21	Breast cancer; Lung cancer; Uterine fibroid
LRFN2	3	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma
LRP1	3	21	Androgenetic alopecia; Colorectal adenoma; Colorectal cancer
LRRC3B	3	21	Breast cancer; Ovarian cancer; Ovarian epithelial cancer
LUZP2	3	21	Lung cancer; Ovarian cancer; Squamous cell carcinoma
MAGI3	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
MAMSTR	3	21	Breast cancer; Colorectal cancer; Dental caries
MBNL1	3	21	Androgenetic alopecia; Colorectal cancer; Prostate cancer
MGAT5	3	21	Breast cancer; Colorectal cancer; Prostate cancer
MLH1	3	21	Colorectal cancer; Ovarian cancer; Prostate cancer
MMS22L	3	21	Lung cancer; Ovarian cancer; Ovarian epithelial cancer
MN1	3	21	Breast cancer; Ovarian cancer; Ovarian serous carcinoma
MOG	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
MSH5	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
MSH6	3	21	Breast cancer; Ovarian cancer; Prostate cancer
MSI2	3	21	Androgenetic alopecia; Ovarian cancer; Ovarian epithelial cancer
MSRA	3	21	Colorectal cancer; Dental caries; Estrogen-receptor negative breast cancer
MTA3	3	21	Lung cancer; Prostate cancer; Squamous cell carcinoma
MUC21	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
MYNN	3	21	Colorectal cancer; Lung cancer; Uterine fibroid
MYO16	3	21	Colorectal cancer; Dental caries; Prostate cancer
MYO18B	3	21	Ovarian cancer; Ovarian serous carcinoma; Uterine fibroid
MYRF	3	21	Colorectal adenoma; Colorectal cancer; Neoplasms
NAV1	3	21	Colorectal cancer; Lung cancer; Prostate cancer
NCOA1	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
NDFIP1	3	21	Breast cancer; Cancer; Squamous cell carcinoma
NFATC1	3	21	Lung cancer; Neoplasms; Squamous cell carcinoma

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
NKX2-6	3	21	Breast cancer; Colorectal cancer; Prostate cancer
NRIP1	3	21	Breast cancer; Ovarian cancer; Prostate cancer
NTM	3	21	Colorectal cancer; Lung cancer; Prostate cancer
NTRK2	3	21	Androgenetic alopecia; Colorectal cancer; Ovarian cancer
NXN	3	21	Colorectal adenoma; Colorectal cancer; Neoplasms
OPCML	3	21	Androgenetic alopecia; Colorectal cancer; Ovarian cancer
OR2J3	3	21	Breast cancer; C3hex olfactory ability; Lung cancer
PALLD	3	21	Colorectal cancer; Lung cancer; Squamous cell carcinoma
PBX3	3	21	Dental caries; Ovarian cancer; Squamous cell carcinoma
PC	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Squamous cell carcinoma
PDS5B	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
PIP4K2A	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
PITPNB	3	21	Breast cancer; Ovarian cancer; Ovarian serous carcinoma
PKDCC	3	21	Androgenetic alopecia; Lung cancer; Squamous cell carcinoma
PKNOX2	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Prostate cancer
PLEKHG6	3	21	Colorectal adenoma; Colorectal cancer; Lung cancer
PMS2	3	21	Breast cancer; Ovarian cancer; Prostate cancer
POT1	3	21	Lung cancer; Squamous cell carcinoma; Uterine fibroid
POU2AF1	3	21	Colorectal cancer; Ovarian cancer; Ovarian epithelial cancer
PPP1R18	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
PRKG1	3	21	Breast cancer; Lung cancer; Squamous cell carcinoma
PSMA4	3	21	Dental caries; Lung cancer; Squamous cell carcinoma
PTCH1	3	21	Breast cancer; Dental caries; Estrogen-receptor negative breast cancer
PTPN2	3	21	Colorectal cancer; Prostate cancer; Squamous cell carcinoma
PTPRG	3	21	Ovarian cancer; Ovarian epithelial cancer; Squamous cell carcinoma
RAD52	3	21	Lung cancer; Squamous cell carcinoma; Uterine fibroid
RALB	3	21	Breast cancer; Estrogen-receptor negative breast cancer; Prostate cancer
RASA2	3	21	Breast cancer; Ovarian cancer; Ovarian serous carcinoma
RBFOX1	3	21	Breast cancer; Colorectal cancer; Prostate cancer
RFC3	3	21	Colorectal adenoma; Colorectal cancer; Squamous cell carcinoma
RHPN2	3	21	Colorectal adenoma; Colorectal cancer; Neoplasms
RIF1	3	21	Lung cancer; Prostate cancer; Squamous cell carcinoma
RIN1	3	21	Breast cancer; Ovarian cancer; Prostate cancer

Gene	Member Diseases Linked	Cluster Size	Linked Diseases
RUNX1	3	21	Androgenetic alopecia; Lung cancer; Uterine fibroid