DisGeNET Top pathways by non−permulation

Geneset	stat	num.genes	pval	p.adj	gene.vals
CONOTRUNCAL ANOMALY FACE SYNDROME	−0.26967215	21	1.892e−05	1.856e−01	HIRA:62 DGCR2:211 ARVCF:390 DGCR8:430 COMT:707 GATA6:831
Shprintzen syndrome	−0.20254120	33	5.692e−05	1.862e−01	HIRA:62 DGCR2:211 ARVCF:390 DGCR8:430 PRODH:607 COMT:707
Tetany	−0.25749709	21	4.424e−05	1.862e−01	HIRA:62 CASR:112 CNNM2:164 TRPM6:177 CLDN16:288 PTH:301
Ciliary Motility Disorders	0.15079213	57	8.324e−05	1.873e−01	DNAH9:5 ARMC4:153 DNAH11:178 SPEF2:448 DNAH5:520 CFAP221:553
DiGeorge Syndrome	−0.14292177	61	1.145e−04	1.873e−01	ALB:20 HIRA:62 SPECC1L:115 DGCR2:211 VEGFA:216 CDC45:279
Junctional split	0.45514706	6	1.129e−04	1.873e−01	PLEC:2 ITGB4:10 ITGA6:138 LAMC2:190 LAMB3:1337 LAMA3:2606
22q11 Deletion Syndrome	−0.25203174	19	1.432e−04	2.006e−01	HIRA:62 HIC2:262 ARVCF:390 DGCR8:430 PRODH:607 COMT:707
Leukemia, Myelocytic, Acute	−0.02932510	1383	3.572e−04	2.181e−01	PROM1:1 ELL:9 ASMTL:27 SDS:30 ABCB1:48 GGTLC3:60
22q11 partial monosomy syndrome	−0.32304931	11	2.074e−04	2.181e−01	HIRA:62 ARVCF:390 PI4KA:591 COMT:707 GNB1L:734 JMJD1C:1018
Adult Medulloblastoma	−0.13249051	58	4.878e−04	2.181e−01	KDM4B:174 MDM2:283 BRD2:287 MYCN:363 BRD4:551 DNMT1:623
Defective enamel matrix	0.15888464	40	5.100e−04	2.181e−01	PLEC:2 ITGB4:10 ITGA6:138 LAMC2:190 FGFR2:233 STX16:242
Dysplasia of tooth enamel	0.15888464	40	5.100e−04	2.181e−01	PLEC:2 ITGB4:10 ITGA6:138 LAMC2:190 FGFR2:233 STX16:242
Endometrial Carcinoma	−0.03931725	679	5.515e−04	2.181e−01	PROM1:1 ABCB1:48 GGTLC3:60 RXFP1:64 HSD17B6:77 TNF:88
Epidermolysis Bullosa	0.19363594	31	1.914e−04	2.181e−01	PLEC:2 ITGB4:10 ITGA6:138 DSC3:180 LAMC2:190 DSP:257
Epidermolysis Bullosa Simplex	0.21766204	21	5.558e−04	2.181e−01	PLEC:2 ITGB4:10 KRT80:59 MMP9:258 KRT14:552 TGM5:1058
Hepatitis C	−0.04185967	598	5.345e−04	2.181e−01	ALB:20 GGTLC3:60 TNF:88 CABIN1:105 EGF:130 AZIN1:140
Hepatocarcinogenesis	−0.04876646	443	4.758e−04	2.181e−01	PROM1:1 ALB:20 TNF:88 MLIP:106 EGF:130 AICDA:152
Herlitz Disease	0.44611872	5	5.507e−04	2.181e−01	ITGB4:10 ITGA6:138 LAMC2:190 LAMB3:1337 LAMA3:2606 NA
Medullomyoblastoma	−0.16219370	41	3.284e−04	2.181e−01	KDM4B:174 BRD2:287 MYCN:363 BRD4:551 DNMT1:623 PTCH2:687
Melanotic medulloblastoma	−0.16219370	41	3.284e−04	2.181e−01	KDM4B:174 BRD2:287 MYCN:363 BRD4:551 DNMT1:623 PTCH2:687
Oral mucosal blisters	0.31935971	10	4.707e−04	2.181e−01	PLEC:2 ITGB4:10 ITGA6:138 LAMC2:190 DSP:257 LAMB3:1337
Polynesian Bronchiectasis	0.17704378	35	2.909e−04	2.181e−01	ARMC4:153 DNAH11:178 DNAH5:520 CCDC151:598 GAS8:674 RSPH1:875
Posterior embryotoxon	−0.18062890	31	5.023e−04	2.181e−01	HIRA:62 DGCR2:211 ARVCF:390 DGCR8:430 PEX13:657 COMT:707
Substance Dependence	0.08976103	128	4.647e−04	2.181e−01	NRCAM:41 CFTR:94 ANKK1:106 CSRNP3:114 QSOX1:120 TIAM2:124
Thin dental enamel	0.15888464	40	5.100e−04	2.181e−01	PLEC:2 ITGB4:10 ITGA6:138 LAMC2:190 FGFR2:233 STX16:242
Malignant neoplasm of lung	−0.02408137	1977	6.411e−04	2.419e−01	PROM1:1 ALB:20 DCAF4:31 RIOX1:33 ADAM9:39 ABCB1:48
Hidradenitis Suppurativa	−0.23744492	17	7.014e−04	2.458e−01	TNF:88 SULT1E1:230 SULT1B1:1464 ELOVL7:1579 RBM45:1638 PSEN1:1786
Primary malignant neoplasm of lung	−0.02463774	1842	6.942e−04	2.458e−01	PROM1:1 ALB:20 DCAF4:31 RIOX1:33 ADAM9:39 ABCB1:48
leukemia	−0.02619566	1577	7.342e−04	2.484e−01	PROM1:1 ELL:9 MZF1:16 ALB:20 ABCB1:48 SLC7A4:50
Carcinoma of lung	−0.02337836	2007	8.548e−04	2.572e−01	PROM1:1 ALB:20 DCAF4:31 RIOX1:33 ADAM9:39 ABCB1:48
Embryotoxon	−0.17368952	30	9.963e−04	2.572e−01	HIRA:62 DGCR2:211 ARVCF:390 DGCR8:430 PEX13:657 COMT:707
Hepatitis	−0.06238154	246	7.885e−04	2.572e−01	PROM1:1 ALB:20 ABCB1:48 TNF:88 VCAM1:125 IL33:156
Liver neoplasms	−0.03006136	1094	9.833e−04	2.572e−01	PROM1:1 MZF1:16 ALB:20 SDS:30 ABCB1:48 SUGP1:57
Parakeratosis	0.24832830	15	8.697e−04	2.572e−01	CARD14:20 NLRP1:85 DSP:257 TNC:348 TRPV3:680 RHBDF2:1836
Seborrheic dermatitis	−0.20986329	21	8.727e−04	2.572e−01	HIRA:62 TNF:88 ARVCF:390 NFE2L2:479 COMT:707 JMJD1C:1018
Substance−Related Disorders	0.08964595	114	9.637e−04	2.572e−01	NRCAM:41 CFTR:94 CSRNP3:114 QSOX1:120 TIAM2:124 SYNE1:287
T−lymphocyte immunodeficiency	0.38816434	6	9.920e−04	2.572e−01	RAG1:133 SFTPA1:152 SMARCAL1:524 LBR:555 CD3E:1224 SIPA1:8200
Unilateral primary pulmonary dysgenesis	−0.42895287	5	8.941e−04	2.572e−01	DGCR2:211 DGCR8:430 TBX1:1140 DGCR6:1444 ESS2:2424 NA
Color Blindness, Red	0.42200294	5	1.083e−03	2.580e−01	ATF6:609 TEX28:722 OPN1LW:1041 GNAT2:1064 PDE6H:2749 NA
Kartagener Syndrome	0.09761045	94	1.090e−03	2.580e−01	DNAH9:5 DNAH17:17 CFTR:94 KRT20:102 ARMC4:153 DNAH11:178