DisGeNET Top pathways by non−permulation

Geneset	stat	num.genes	pval	p.adj	gene.vals
Left ventricular noncompaction cardiomyo	−0.26601716	28	1.112e−06	6.826e−03	PLEC:1 DSP:13 MYH7B:153 MUL1:247 TNNT2:543 PLEKHM2:1049
Mitochondrial Diseases	0.07592552	346	1.391e−06	6.826e−03	LRPPRC:10 GGTLC3:11 TMEM126B:18 TMEM70:30 NDUFS5:33 NDUFB4:74
Adult Medulloblastoma	0.14795590	58	9.843e−05	1.032e−01	DNMT1:184 MDM2:284 BRD4:368 L3MBTL3:386 KDM4B:437 MELK:542
Fibrosarcoma	0.07386566	259	4.575e−05	1.032e−01	ANGPT4:25 CASP8:126 EGF:143 LRIF1:145 SLCO6A1:161 UCN:220
Increased CSF lactate	0.15442003	53	1.018e−04	1.032e−01	LRPPRC:10 TMEM126B:18 NDUFA12:202 AIFM1:282 TIMMDC1:328 NDUFAF1:410
Junctional split	−0.46371259	6	8.366e−05	1.032e−01	PLEC:1 ITGB4:37 LAMC2:340 LAMB3:424 ITGA6:1212 LAMA3:1413
Medullomyoblastoma	0.17622685	41	9.519e−05	1.032e−01	DNMT1:184 BRD4:368 L3MBTL3:386 KDM4B:437 ERBB2:795 PTCH2:956
Melanotic medulloblastoma	0.17622685	41	9.519e−05	1.032e−01	DNMT1:184 BRD4:368 L3MBTL3:386 KDM4B:437 ERBB2:795 PTCH2:956
Primary microcephaly	0.10937227	105	1.105e−04	1.032e−01	FANCM:116 ORC1:170 CKAP2L:179 CENPE:206 CEP135:223 TRMT10A:301
Substance−Related Disorders	−0.10816477	114	6.811e−05	1.032e−01	NRCAM:48 CADPS2:99 PCDH15:110 CSRNP3:243 CFTR:374 SLC18A2:411
Substance Dependence	−0.09886097	128	1.157e−04	1.032e−01	NRCAM:48 CADPS2:99 PCDH15:110 HTR1B:174 ADH7:238 CSRNP3:243
Organic Mental Disorders, Substance−Indu	−0.10346026	107	2.227e−04	1.159e−01	NRCAM:48 CADPS2:99 PCDH15:110 CSRNP3:243 CFTR:374 SLC45A2:422
Desmoplastic Medulloblastoma	0.15413075	48	2.224e−04	1.159e−01	DNMT1:184 BRD4:368 L3MBTL3:386 KDM4B:437 ERBB2:795 PTCH2:956
Epidermolysis bullosa inversa dystrophic	−0.43534572	6	2.216e−04	1.159e−01	ITGB4:37 LAMC2:340 LAMB3:424 LAMC1:903 LAMA3:1413 COL17A1:2995
NADH:Q(1) Oxidoreductase deficiency	0.21594760	25	1.866e−04	1.159e−01	TMEM126B:18 AIFM1:282 TIMMDC1:328 NDUFB10:401 NDUFAF1:410 NDUFB11:813
Parakeratosis	−0.27518653	15	2.245e−04	1.159e−01	DSP:13 CARD14:84 NLRP1:197 TNC:210 IL23A:663 RHBDF2:1112
Plantar hyperkeratosis	−0.44505934	6	1.597e−04	1.159e−01	PLEC:1 ITGB4:37 LAMC2:340 LAMB3:424 LAMA3:1413 COL17A1:2995
Prescription Drug Abuse	−0.10346026	107	2.227e−04	1.159e−01	NRCAM:48 CADPS2:99 PCDH15:110 CSRNP3:243 CFTR:374 SLC45A2:422
Substance abuse problem	−0.09291603	138	1.694e−04	1.159e−01	NRCAM:48 CADPS2:99 PCDH15:110 IL16:122 HTR1B:174 CSRNP3:243
Epidermolysis Bullosa Simplex	−0.22500876	21	3.585e−04	1.675e−01	PLEC:1 ITGB4:37 KRT80:50 KRT17:344 MMP9:451 DES:464
Joint hyperflexibility	0.10052284	106	3.566e−04	1.675e−01	SRCAP:2 ORC1:170 CENPE:206 SOS1:276 LMX1B:303 RAF1:619
Drug Dependence	−0.08061129	161	4.300e−04	1.758e−01	PER2:5 NRCAM:48 CADPS2:99 PCDH15:110 GRM3:113 HTR1B:174
Herlitz Disease	−0.45638109	5	4.089e−04	1.758e−01	ITGB4:37 LAMC2:340 LAMB3:424 ITGA6:1212 LAMA3:1413 NA
Specific learning disability	0.10876446	88	4.279e−04	1.758e−01	NSD1:15 CKAP2L:179 LTBP4:292 TWNK:294 JMJD1C:348 DGCR6:603
Anemia, Macrocytic	0.17408436	33	5.408e−04	2.036e−01	TET2:81 RPL26:478 SFXN4:1068 RPL27:1139 GATA1:1161 TP53:1528
CONOTRUNCAL ANOMALY FACE SYNDROME	0.21690375	21	5.811e−04	2.036e−01	JMJD1C:348 GDF1:371 DGCR6:603 NKX2−6:714 SEC24C:1103 TBX1:1105
Drug habituation	−0.08856437	127	5.812e−04	2.036e−01	NRCAM:48 CADPS2:99 PCDH15:110 CSRNP3:243 CFTR:374 SLC45A2:422
Persistant truncus arteriosus	0.21699969	21	5.778e−04	2.036e−01	JMJD1C:348 GDF1:371 NKX2−6:714 GJA5:818 SEC24C:1103 TBX1:1105
Congenital pyloric atresia	−0.44201687	5	6.192e−04	2.095e−01	PLEC:1 ITGB4:37 LAMC2:340 ITGA6:1212 COL17A1:2995 NA
EPIDERMOLYSIS BULLOSA, JUNCTIONAL, LOCAL	−0.43399892	5	7.767e−04	2.117e−01	ITGB4:37 LAMC2:340 LAMB3:424 LAMA3:1413 COL17A1:2995 NA
Adult junctional epidermolysis bullosa (	−0.43399892	5	7.767e−04	2.117e−01	ITGB4:37 LAMC2:340 LAMB3:424 LAMA3:1413 COL17A1:2995 NA
Epidermolysis Bullosa Progressiva	−0.43399892	5	7.767e−04	2.117e−01	ITGB4:37 LAMC2:340 LAMB3:424 LAMA3:1413 COL17A1:2995 NA
Increased serum lactate	0.10080561	95	6.966e−04	2.117e−01	LRPPRC:10 TMEM70:30 NDUFA12:202 AIFM1:282 TWNK:294 POLG2:443
JEB−I	−0.43399892	5	7.767e−04	2.117e−01	ITGB4:37 LAMC2:340 LAMB3:424 LAMA3:1413 COL17A1:2995 NA
Oral mucosal blisters	−0.31105218	10	6.593e−04	2.117e−01	PLEC:1 DSP:13 ITGB4:37 LAMC2:340 LAMB3:424 ITGA6:1212
Palmar hyperhidrosis	−0.43399892	5	7.767e−04	2.117e−01	ITGB4:37 LAMC2:340 LAMB3:424 LAMA3:1413 COL17A1:2995 NA
Drug Use Disorders	−0.09243524	110	8.261e−04	2.191e−01	NRCAM:48 CADPS2:99 PCDH15:110 CSRNP3:243 CFTR:374 SLC45A2:422
MITOCHONDRIAL COMPLEX I DEFICIENCY	0.18452191	27	9.073e−04	2.343e−01	TMEM126B:18 TIMMDC1:328 NDUFAF1:410 NDUFB11:813 NDUFS8:852 GDAP1:905
Shprintzen syndrome	0.16601209	33	9.694e−04	2.439e−01	JMJD1C:348 PRODH:433 DGCR6:603 CLDN5:612 CHRD:814 DGCR6L:973
Abnormality of brain morphology	−0.11872182	64	1.031e−03	2.530e−01	MCPH1:215 ULK2:305 SACS:328 SLC18A2:411 GRIP1:423 SYNE1:456