

## Top 100 differentially expressed genes

	$ \log_2FC  > 1,$ FDR<0.05	$ \log_2FC  > 1,$ p < 0.05	$ \log_2FC  > 0.8,$ FDR<0.05	$ \log_2FC  > 1.5,$ FDR<0.05	$ \log_2FC  > 1,$ FDR<0.01	$ \log_2FC  > 1,$ FDR<0.001
1	CCDC71	CCDC71	CCDC71	CCDC71	CCDC71	CCDC71
2	DKFZp451A211	DKFZp451A211	DKFZp451A211	DKFZp451A211	DKFZp451A211	DKFZp451A211
3	U2AF2	U2AF2	U2AF2	U2AF2	U2AF2	U2AF2
4	ASNA1	ASNA1	ASNA1	STAC2	ASNA1	ASNA1
5	STAC2	STAC2	STAC2	PDE8B	STAC2	STAC2
6	PDE8B	PDE8B	PDE8B	RPL31	PDE8B	PDE8B
7	RPL31	RPL31	RPL31	KLF15	RPL31	RPL31
8	MAP9	MAP9	MAP9	BTC	MAP9	MAP9
9	KLF15	KLF15	KLF15	TBXA2R	KLF15	KLF15
10	BTC	BTC	BTC	LBA1	BTC	BTC
11	TBXA2R	TBXA2R	TBXA2R	FNBP4	TBXA2R	TBXA2R
12	LBA1	LBA1	C1orf189	RYR2	LBA1	LBA1
13	CHMP4C	CHMP4C	LBA1	NXPH3	CHMP4C	CHMP4C
14	KCNK15	KCNK15	CHMP4C	SNORA70	KCNK15	KCNK15
15	FNBP4	FNBP4	KCNK15	TAF5L	FNBP4	FNBP4
16	RYR2	RYR2	FNBP4	HBA2	RYR2	RYR2
17	NXPH3	NXPH3	RYR2	FKBP5	NXPH3	NXPH3
18	SNORA70	SNORA70	NXPH3	GSDMB	SNORA70	SNORA70
19	TAF5L	TAF5L	SNORA70	GNB4	TAF5L	TAF5L
20	PDE3A	PDE3A	TAF5L	MRPL33	PDE3A	PDE3A
21	HBA2	HBA2	PDE3A	LDB3	HBA2	HBA2
22	FLJ13305	FLJ13305	HBA2	KIAA1641	FLJ13305	FLJ13305
23	FKBP5	FKBP5	FLJ13305	DUSP26	FKBP5	FKBP5
24	GSDMB	GSDMB	FKBP5	ADRA1B	GSDMB	GSDMB
25	GNB4	GNB4	GSDMB	GEFT	GNB4	GNB4
26	MRPL33	MRPL33	GNB4	SCUBE3	MRPL33	MRPL33
27	LDB3	LDB3	MRPL33	ITGA10	LDB3	LDB3
28	KIAA1641	KIAA1641	LDB3	ACADL	KIAA1641	KIAA1641
29	ARPM1	ARPM1	KIAA1641	LOC441743	ARPM1	ARPM1
30	DUSP26	DUSP26	ARPM1	FCN1	DUSP26	DUSP26
31	ADRA1B	ADRA1B	ANKRD20B	MT1M	ADRA1B	ADRA1B
32	GEFT	GEFT	DUSP26	FAM181B	GEFT	GEFT
33	WWC3	WWC3	ADRA1B	GALNTL2	WWC3	WWC3
34	SCUBE3	SCUBE3	GEFT	LGR6	SCUBE3	SCUBE3
35	ITGA10	ITGA10	TMEM198	MCAM	ITGA10	ITGA10
36	LOC388275	LOC388275	NKD1	AP1G1	LOC388275	LOC388275
37	ACADL	ACADL	WWC3	PRRX2	ACADL	ACADL
38	FAM133A	FAM133A	SCUBE3	ALDH1L1	FAM133A	FAM133A
39	LOC441743	LOC441743	ITGA10	WAS	LOC441743	LOC441743
40	FCN1	FCN1	LOC388275	BTG2	FCN1	FCN1
41	MT1M	MT1M	ACADL	RGS16	MT1M	MT1M

42	FAM181B	FAM181B	KRT75	CXorf45	FAM181B	FAM181B
43	LOC644646	LOC644646	FAM133A	CCDC107	LOC644646	LOC644646
44	COPG	COPG	ARVCF	DVL3	COPG	COPG
45	GALNTL2	GALNTL2	DDHD2	CEP110	GALNTL2	GALNTL2
46	LGR6	LGR6	LOC441743	TMEM119	LGR6	LGR6
47	MCAM	MCAM	TMEM110	OSBPL3	MCAM	MCAM
48	AP1G1	AP1G1	FCN1	ANKRD1	AP1G1	AP1G1
49	PRRX2	PRRX2	MT1M	HBB	PRRX2	PRRX2
50	ASB2	ASB2	FAM181B	ITPR3	ASB2	ASB2
51	ALDH1L1	ALDH1L1	LOC644646	SPOCK2	ALDH1L1	ALDH1L1
52	WAS	WAS	COPG	ITGA8	WAS	WAS
53	BTG2	BTG2	GALNTL2	CYP4F11	BTG2	BTG2
54	RGS16	RGS16	LGR6	IL1B	RGS16	RGS16
55	CXorf45	CXorf45	MCAM	TNFAIP3	CXorf45	CXorf45
56	TLL12	TLL12	AP1G1	PCDH20	TLL12	TLL12
57	RBM33	RBM33	PRRX2	KLHL30	RBM33	RBM33
58	LOC205251	LOC205251	ASB2	SEMA4A	LOC205251	LOC205251
59	PFDN6	PFDN6	ALDH1L1	IL17B	PFDN6	PFDN6
60	CCDC107	CCDC107	WAS	PPAPDC3	CCDC107	CCDC107
61	METTL2A	METTL2A	BTG2	LOC285908	METTL2A	METTL2A
62	DVL3	DVL3	RGS16	PDGFA	DVL3	DVL3
63	TIMM8A	TIMM8A	KIAA1161	FOSB	TIMM8A	TIMM8A
64	CEP110	CEP110	CXorf45	IL2RB	CEP110	CEP110
65	TMEM119	TMEM119	TLL12	FAM46B	TMEM119	TMEM119
66	OSBPL3	OSBPL3	RBM33	NFKBIZ	OSBPL3	OSBPL3
67	KAAG1	KAAG1	LOC205251	JUNB	KAAG1	KAAG1
68	ANKRD1	ANKRD1	PFDN6	TIMP4	ANKRD1	ANKRD1
69	HBB	HBB	CCDC107	RAMP1	HBB	HBB
70	ITPR3	ITPR3	MARK3	ZC3H12A	ITPR3	ITPR3
71	CCDC72	CCDC72	METTL2A	P2RY8	CCDC72	CCDC72
72	FLYWCH1	FLYWCH1	DVL3	ACTA1	FLYWCH1	FLYWCH1
73	GCAT	GCAT	TIMM8A	NPTX2	GCAT	GCAT
74	SPOCK2	SPOCK2	CEP110	ZNF526	SPOCK2	SPOCK2
75	ITGA8	ITGA8	TMEM119	SELL	ITGA8	ITGA8
76	CYP4F11	CYP4F11	OSBPL3	HES6	CYP4F11	CYP4F11
77	PSCD1	PSCD1	KAAG1	DDX42	PSCD1	PSCD1
78	IL1B	IL1B	ANKRD1	NUAK2	IL1B	IL1B
79	C6orf111	C6orf111	LOC653487	FIBIN	C6orf111	C6orf111
80	TNFAIP3	TNFAIP3	HBB	PAFAH2	TNFAIP3	TNFAIP3
81	PCDH20	PCDH20	RBM5	MTE	PCDH20	PCDH20
82	LRRC47	LRRC47	ITPR3	KHNYN	LRRC47	LRRC47
83	KLHL30	KLHL30	CCDC72	MT1X	KLHL30	KLHL30
84	SEMA4A	SEMA4A	FLYWCH1	LOC730994	SEMA4A	SEMA4A
85	IL17B	IL17B	GCAT	MAP4K1	IL17B	IL17B

86	PPAPDC3	PPAPDC3	SPOCK2	EIF2B4	PPAPDC3	PPAPDC3
87	LOC285908	LOC285908	ITGA8	THY1	LOC285908	LOC285908
88	PDGFA	PDGFA	CYP4F11	PASK	PDGFA	PDGFA
89	ENDOG	ENDOG	PSCD1	FKBP10	ENDOG	ENDOG
90	FOSB	FOSB	IL1B	WDR55	FOSB	FOSB
91	SRPK3	SRPK3	C6orf111	CTBP1	SRPK3	SRPK3
92	SMAD9	SMAD9	TNFAIP3	MX2	SMAD9	SMAD9
93	BRWD2	BRWD2	PCDH20	LOC645436	BRWD2	BRWD2
94	IL2RB	IL2RB	LRRC47	TTL7	IL2RB	IL2RB
95	C10orf65	C10orf65	KLHL30	KLK1	C10orf65	C10orf65
96	FAM46B	FAM46B	SEMA4A	LRRC8A	FAM46B	FAM46B
97	NFKBIZ	NFKBIZ	IL17B	EGR2	NFKBIZ	NFKBIZ
98	FRK	FRK	PPAPDC3	ADCK4	FRK	FRK
99	VPS52	VPS52	LOC285908	PLXNB1	VPS52	VPS52
100	SERGEF	SERGEF	MRPL54	MIAT	SERGEF	SERGEF

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