

Table 3.

MEF Snf5 up-regulated gene set

Probe	Gene symbol	Rank in database	Rank metric score	Res
D78586_at	CAD	5	1.313	0.009
X06700_s_at	COL3A1	9	1.268	0.018
L21954_at	BZRP	20	1.185	0.026
L38969_at	THBS3	22	1.163	0.034
X66945_at	FGFR1	36	1.033	0.040
X79683_s_at	LAMB2	39	1.024	0.047
D45248_at	PSME2	40	1.021	0.055
D79997_at	MELK	43	1.011	0.062
Z25749_rna1_at	RPS7	44	1.010	0.070
L38951_at	KPNB1	45	1.008	0.077
X74104_at	SSR2	54	0.973	0.083
J03191_at	PFN1	57	0.962	0.090
L41066_at	NFATC4	58	0.961	0.098
U29953_rna1_at	SERPINF1	60	0.944	0.104
U48213_at	DBP	61	0.936	0.111
L41887_rna1_at	SFRS7	73	0.909	0.117
U47926_at	LEPREL2	84	0.888	0.122
M25753_at	CCNB1	123	0.834	0.122
M36341_at	ARF4	130	0.828	0.128
M23114_at	ATP2A2	144	0.816	0.132
X07979_at	ITGB1	149	0.807	0.137
X74801_at	CCT3	164	0.793	0.141
Y00282_at	RPN2	228	0.732	0.137
M23294_at	HEXB	248	0.717	0.140
X59543_at	RRM1	278	0.695	0.141
M97936_at	STAT1	285	0.688	0.145
D13748_at	EIF4A1	297	0.681	0.148
U14603_at	PTP4A2	301	0.677	0.153
D78611_at	MEST	302	0.677	0.158
M22538_at	NDUFV2	315	0.670	0.161
Z69043_s_at	SSR4	360	0.644	0.159
S57235_at	CD68	376	0.638	0.162
J05032_at	DARS	378	0.638	0.167
U00954_at	UGP2	399	0.629	0.168
U38227_s_at	HK1	402	0.627	0.173
U79287_at	PTOV1	410	0.623	0.176
M94250_at	MDK	411	0.623	0.181
X62534_s_at	HMGB2	436	0.614	0.182
U37426_at	KIF11	449	0.609	0.185
J04058_at	ETFA	468	0.601	0.186
D13630_at	BZW1	478	0.597	0.190
M33308_at	VCL	480	0.597	0.194
U21128_at	LUM	482	0.596	0.198
S83365_at	YIF1	488	0.594	0.202
Z49835_s_at	GRP58	489	0.594	0.206

L07633_at	PSME1	519	0.576	0.206
D14660_at	MRPL19	520	0.576	0.211
U83601_at	CAST	529	0.574	0.214
X75755_rna1_s_at	SFRS2	535	0.571	0.217
U81006_at	TM9SF2	551	0.564	0.219
M60858_rna1_at	NCL	561	0.560	0.222
L25080_at	RHOA	566	0.558	0.226
U37022_rna1_at	CDK4	567	0.558	0.230
D26579_at	ADAM8	591	0.549	0.231
M33195_at	FCER1G	605	0.546	0.233
M29064_at	HNRPA2B1	606	0.546	0.237
D63881_at	JJAZ1	610	0.544	0.240
D63874_at	HMGB1	617	0.543	0.244
M31627_at	XBP1	640	0.536	0.244
U30827_s_at	SFRS5	661	0.530	0.245
X14850_at	H2AFX	677	0.523	0.247
X69908_rna1_at	ATP5G2	694	0.518	0.248
U96915_at	SAP18	716	0.512	0.249
D55696_at	LGMN	721	0.512	0.252
J02923_at	LCP1	726	0.511	0.256
X83535_s_at	MMP14	732	0.509	0.259
M93425_at	PTPN12	750	0.504	0.260
U16660_at	ECH1	756	0.502	0.263
X66899_at	EWSR1	760	0.501	0.266
D14710_at	ATP5A1	792	0.489	0.265
D16480_at	HADHA	816	0.482	0.265
L06419_at	PLOD	833	0.476	0.267
X76105_at	DAP	850	0.471	0.268
M20681_at	SLC2A3	864	0.466	0.269
U19718_at	MFAP2	877	0.463	0.271
D83004_at	UBE2N	916	0.454	0.269
Z48481_at	MMP14	922	0.453	0.271
L10910_at	RNPC2	934	0.451	0.273
L13720_at	GAS6	942	0.447	0.275
X81479_at	EMR1	948	0.445	0.278
X15722_at	GSR	959	0.443	0.280
L37882_at	FZD2	961	0.442	0.283
U72621_at	PLAGL1	966	0.440	0.286
X05855_at	H3F3A	980	0.438	0.287
L14595_at	SLC1A4	1005	0.431	0.286
L28010_at	HNRPF	1015	0.429	0.288
L47276_s_at	TOP2A	1031	0.423	0.289
X62320_at	GRN	1040	0.420	0.291
Z14982_rna1_at	PSMB8	1041	0.420	0.294
M55267_at	EVI2A	1051	0.418	0.296
M37583_at	H2AFZ	1061	0.415	0.298
X89109_s_at	CORO1A	1073	0.412	0.299
M55542_at	GBP1	1082	0.411	0.301
M29927_at	OAT	1089	0.408	0.303

M29550_at	PPP3CB	1098	0.406	0.305
M13690_s_at	SERPING1	1107	0.404	0.307
M60556_rna2_at	TGFB3	1138	0.397	0.306
X66397_at	TPR	1145	0.395	0.308
U73379_at	UBE2C	1162	0.390	0.308
Y00097_s_at	ANXA6	1165	0.389	0.311
D16294_at	ACAA2	1166	0.389	0.314
U92014_at	SEC31L1	1168	0.389	0.316
D59253_at	NCBP2	1173	0.387	0.319
J00105_s_at	B2M	1213	0.378	0.316
M20777_at	COL6A2	1245	0.371	0.314
X17576_at	NCK1	1254	0.368	0.315
U08096_at	PMP22	1259	0.367	0.318
M19267_s_at	TPM1	1266	0.366	0.319
D38073_at	MCM3	1298	0.358	0.317
L09717_at	LAMP2	1299	0.358	0.320
L17075_s_at	ACVRL1	1328	0.353	0.319
X53742_at	FBLN1	1337	0.352	0.320
M24594_at	IFIT1	1364	0.346	0.319
X67325_at	IFI27	1367	0.345	0.321
U60205_at	SC4MOL	1382	0.344	0.321
X15882_at	COL6A2	1426	0.335	0.317
U27460_at	UGP2	1448	0.332	0.317

MEF Snf5 down-regulated gene set

Probe	Gene symbol	Rank in database	Rank metric score	Res
M97287_at	SATB1	7124	-1.048	0.00
U14187_at	EFNA3	7115	-0.901	-0.03
M25667_at	GAP43	7052	-0.747	-0.05
D78012_at	CRMP1	7037	-0.728	-0.07
U57099_at	APEG1	7014	-0.706	-0.08
S52028_s_at	CTH	6880	-0.607	-0.08
X51435_s_at	HIVEP1	6818	-0.582	-0.09
X69878_at	FLT4	6797	-0.569	-0.11
U57623_s_at	FABP3	6788	-0.567	-0.12
M29277_at	MCAM	6701	-0.532	-0.13
L46353_at	HMGA2	6630	-0.506	-0.13
X85106_at	RPS6KA2	6613	-0.500	-0.14
S66541_s_at	GAP43	6569	-0.484	-0.15
S77812_at	FLT1	6522	-0.469	-0.16
Z21488_at	CNTN1	6492	-0.459	-0.17
L77886_at	PTPRK	6462	-0.452	-0.18
U46901_at	SNCA	6417	-0.435	-0.18
U82108_s_at	SLC9A3R2	6282	-0.395	-0.18
L36844_at	CDKN2B	6219	-0.380	-0.18
S66793_at	ARR3	6146	-0.367	-0.18
M17219_at	GNAI1	6107	-0.356	-0.19

X74819_at	TNNT2	6100	-0.355	-0.20
D49410_at	IL3RA	6092	-0.353	-0.21
X94612_at	PRKG2	6028	-0.334	-0.21
U20428_at	ST14	6001	-0.327	-0.21
Y08302_at	DUSP9	5949	-0.316	-0.21
U88629_at	ELL2	5938	-0.313	-0.22
X65873_at	KIF5B	5937	-0.313	-0.23
M59216_s_at	GABRB1	5891	-0.304	-0.23
D83407_at	DSCR1L1	5843	-0.293	-0.24
L37360_s_at	EFNA3	5800	-0.283	-0.24
X92518_s_at	HMGA2	5794	-0.282	-0.25
D84110_at	RBPMS	5745	-0.273	-0.25
M59911_at	ITGA3	5715	-0.268	-0.25
D15050_at	SNF1LK	5677	-0.261	-0.25
M55150_at	FAH	5654	-0.257	-0.26
AC002450_at	SLC25A13	5557	-0.240	-0.25
M19989_cds2_at	PDGFA	5534	-0.236	-0.25
X86691_at	CHD4	5508	-0.232	-0.26
M28882_s_at	MCAM	5493	-0.228	-0.26
U90878_at	PDLIM1	5481	-0.225	-0.27
L38503_at	GSTT2	5469	-0.224	-0.27
J05257_at	DPEP1	5331	-0.197	-0.26
X04741_at	UCHL1	5320	-0.196	-0.26
X74295_at	ITGA7	5255	-0.185	-0.26
M93426_at	PTPRZ1	5248	-0.184	-0.26
S83308_at	SOX5	5171	-0.174	-0.26
U09303_at	EFNB1	5166	-0.173	-0.26
D78014_at	DPYSL3	5072	-0.160	-0.26
X14767_at	GABRB1	5019	-0.154	-0.25
U80457_at	SIM2	4976	-0.148	-0.25
X68264_rna1_at	MCAM	4968	-0.146	-0.25
M35198_at	ITGB6	4949	-0.144	-0.26
D42123_at	CRIP2	4762	-0.122	-0.23
D13626_at	P2RY14	4760	-0.122	-0.24
Z50194_at	PHLDA1	4701	-0.114	-0.23
U25034_s_at	NNAT	4651	-0.105	-0.23
M88338_at	CDC42EP1	4647	-0.104	-0.23
U66198_at	FGF13	4550	-0.089	-0.22
U18244_at	SLC1A6	4538	-0.088	-0.22
X05409_at	ALDH2	4510	-0.084	-0.22
L39833_at	KCNAB1	4500	-0.083	-0.22