Pathway	Gene ranks	NES	pval	padj
SPHK1		2.16	1.3e-06	3.1e-05
ELK3	THE RESIDENCE OF THE PROPERTY	2.13	1.3e-06	3.1e-05
BEND6		2.20	1.3e-06	3.1e-05
ACTN1		1.80	1.3e-06	3.1e-05
LOXL2	The second secon	2.81	1.3e-06	3.1e-05
DEPDC1	II Marting and the second of t	2.09	1.3e-06	3.1e-05
FOSL1		2.18	1.3e-06	3.1e-05
GAS7		2.30	1.3e-06	3.1e-05
CAVIN1		2.36	1.3e-06	3.1e-05
BIRC5	The second secon	2.00	1.3e-06	3.1e-05
ZEB2		2.24	1.4e-06	3.1e-05
PTAFR	D B 1 Market and a second and a	2.04	1.4e-06	3.1e-05
SNAI2		2.86	1.4e-06	3.1e-05
TCF4		2.46	1.4e-06	3.1e-05
MAFB	Management of the second of th	2.00	1.4e-06	3.1e-05
CD4	111111111111111111111111111111111111111	2.48	1.4e-06	3.1e-05
BCL10		2.19	1.4e-06	3.1e-05
HCK	11111	2.38	1.4e-06	3.1e-05
BNC2		2.97	1.4e-06	3.1e-05
CCNA2	Памента в принципального принциндивильного принципального принципального принципального принципа	1.95	1.4e-06	3.1e-05
DACH1	The many sections and the section of	-2.23	2.7e-06	3.3e-05
AGTR2		-3.03	2.7e-06	3.3e-05
LPIN3	The state of the s	-2.14	2.7e-06	3.3e-05
RXRG	The second secon	-2.90	2.7e-06	3.3e-05
CD36	The second secon	-2.50	2.7e-06	3.3e-05
SOSTDC1	11 ()	-2.62	2.7e-06	3.3e-05
L3MBTL1	The state of the s	-2.39	2.7e-06	3.3e-05
CDK11A		-2.18	2.7e-06	3.3e-05
ZNF23	Or the second of	-2.24	2.6e-06	3.3e-05
ZBTB7C	Blumber of the second s	-2.10	2.6e-06	3.3e-05
LRP2	The second secon	-2.50	2.6e-06	3.3e-05
GDF9	· · · · · · · · · · · · · · · · · · ·	-2.31	2.6e-06	3.3e-05
ZNF83	the second of th	-2.09	2.6e-06	3.3e-05
MYBL1	Liturium en anno en an	-2.08	2.6e-06	3.3e-05
ZNF589	to the second way	-2.22	2.5e-06	3.3e-05
TMEM100		-2.59	2.5e-06	3.3e-05
SOX14	the second second second second second second	-2.35	2.4e-06	3.3e-05
IRX1	$(1-\delta)^{-1}$. We show that $(1-\delta)^{-1}$ and $(1-\delta)^{-1}$	-2.49	2.4e-06	3.3e-05
ERBB4	10 miles (10 miles 10	-2.46	2.3e-06	3.3e-05
PIDD1	The state of the s	-2.17	2.3e-06	3.3e-05
	0 5000 10000 15000 20000			