

**Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner****Junna Yamaguchi, Tetsuhiro Tanaka, Hisako Saito, Seitaro Nomura, Hiroyuki Aburatani, Hironori Waki, Takashi Kadowaki, Masaomi Nangaku****Table S1. The list of 2,204 probes in the microarray analysis**

<b>Cluster 1 (751 probes)</b>		<b>Cluster 2 (907probes)</b>		<b>Cluster 3 (546probes)</b>	
<b>Probe Set ID</b>	<b>Gene Symbol</b>	<b>Probe Set ID</b>	<b>Gene Symbol</b>	<b>Probe Set ID</b>	<b>Gene Symbol</b>
1417483_at	Nfkbiz	1451666_at	Acly	1416101_a_at	Hist1h1c
1416630_at	Id3	1426533_at	Nop56	1436994_a_at	Hist1h1c
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1435162_at	Prkg2	1435335_a_at	Gnptab	1427404_x_at	Gm5506
1424289_at	Osgin2	1433738_at	Papd5	1420478_at	Nap111
1415899_at	Junb	1416034_at	Cd24a	1416479_a_at	Tmem14c
1426223_at	Ttc39c	1435945_a_at	Kcnn4	1452927_x_at	Tpi1
1440041_at	---	1448270_at	Ddx21	1448754_at	Rbp1
1425503_at	Gcnt2	1452640_at	3110007F17Rik	1416708_a_at	Gramd1a
1423233_at	Cebpd	1422767_at	Bysl	1434799_x_at	Aldoa
1426418_at	Atoh8	1426394_at	Eif3j	1439795_at	Gpr64
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1425895_a_at	Id1	1424500_at	Utp6	1416335_at	Mif
1424942_a_at	Myc	1452052_s_at	Eif3j	1444952_a_at	Nucks1
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1448793_a_at	Sdc4	1460551_at	Ran	1452681_at	Dtymk
1442608_at	Layn	1455904_at	Gas5	1448441_at	Cks1b
1451177_at	Dnajb4	1456117_at	Rrp1b	1423666_s_at	LOC100503670
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1448231_at	Fkbp5	1424574_at	Tmed5	1419823_s_at	Ksr1
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1417871_at	Hsd17b7	1431789_s_at	Tmed5	1426002_a_at	Cdc7
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1426812_a_at	Fam129b	1421876_at	Mapk9	1415860_at	Kpna2
1424296_at	Gclc	1426236_a_at	Glul	1449116_a_at	Dtymk
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1416743_at	LOC640502	1426235_a_at	Glul	1422327_s_at	G6pd2
1415834_at	Dusp6	1423039_a_at	Bzw1	1415857_at	Emb
1437658_a_at	Snhg1	1428296_at	Gm10774	1417732_at	Anxa8

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1416442_at	Ier2	1448204_at	Sav1	1420592_a_at	Anp32e
1422751_at	Tle1	1439615_at	Gan	1439148_a_at	Pfkl
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1430352_at	Adamts9	1449824_at	Prg4	1428131_a_at	Cdc42se1
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1455870_at	Akap2	1416745_x_at	LOC640502	1435114_at	Wdhd1
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1416700_at	Rnd3	1452182_at	Galnt2	1424632_a_at	Rev3l
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1419357_at	Isy1	1425658_at	Cd109	1439436_x_at	Incenp
1459865_x_at	Ces5a	1419682_a_at	2810408M09Rik	1415878_at	Rrm1
1425983_x_at	Hipk2	1426426_at	Mak16	1434748_at	Ckap2

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1457573_at	Top1	1438606_a_at	Clic4	1416031_s_at	Mcm7
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1444064_at Samhd1	1432059 x at 5031425E22Rik	1417822_at D17H6S56E-5
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1432007 s at Ap2a2	1424475 at Camkk2	1417821 at D17H6S56E-5
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1438375_at Fbln2	1452414_s_at Ccdc86	1418152_at Hmgn5
1422053_at Inhba	1416191_at Sec61a1	1422948_s_at Gm11275
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1459457_at Camk2d	1420646_at Nus1	1425668_a_at St3gal4
1420760 s at Ndrgr1	1457279 at LOC100504040	1437218 at Fn1
1442194_at AU018552	1427464_s_at Hspa5	1426397_at Tgfbr2
1437481_at Trmt61b	1423192_at Pspcl	1452540_a_at Gm11277
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1450214 at Adora2b	1455173 at Gspt1	1418719 at Haus8
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1424923_at Serpina3g	1433506_at Lrrc8d	1451263_a_at Fabp4
1460302 at Thbs1	1417400 at Rai14	1437100 x at Pim3
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1422818_at Nedd9	1451339_at Suox	1418072_at Hist1h2bc
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1438673_at Slc4a7	1423223_a at Prdx6	1438988_x_at Hn1
1417612 at Ier5	1422678 at Dgat2	1456808 at ---
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1440831 at Bach1	1426756 at Galnt2	1425379 at Hgf
1438824_at Slc20a1	1423957_at Aen	
1426448_at Pja1	1458847_at ---	
1457053 at ---	1423501 at Max	
1452445_at Slc41a2	1434104_at Slc35e1	
1450377_at Thbs1	1437500_at Noc3l	
1441663_at ---	1437859_x at Eif5a	
1416250_at Btg2	1416606_s at Nhp2	
1448914 a at Csf1	1416015 s at Abce1	
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1438417_at Pwwp2b	1454976_at Sod2	
1419879 s at Trim25	1415771 at Ncl	
1422785_at Rasa2	1423756_s at Igfbp4	
1417790 at Dok1	1415800 at Gja1	
1417342_at Ppp1r2	1437992_x at Gja1	
1417434_at Gpd2	1423398_at Taf12	
1416156 at Vcl	1439439 x at Eef1d	
1456160_at ---	1416563_at Ctps	
1438783 at ---	1452915 at Prkar2a	
1448568_a at Slc20a1	1416973_at Nhp2l1	
1448684_at Ppp1r2	1426946_at Ipo5	
1423025 a at Iqcj-schip1	1431893 a at Pdss1	
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1417341 a at Ppp1r2	1452439 s at Srsf2	
1415797_at Ddr1	1416147_at Hspa4	
1451591_a at Efnb1	1428788_at Pgp	
1460220 a at Csf1	1430982 at Srsf1	
1457492_at Trio	1455482_at Ap2a2	

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1451956	a at	Sigmar1
1433748	_at	Zdhhc18
1440799	s at	Farp2
1424147	_at	Ahsa1
1438376	_s_at	Trim27
1437520	a at	Nup85
1437828	_s_at	Wdr46
1422456	at	Nsf
1424907	_a_at	Farsa
1416376	_at	Tmem97
1423430	at	Mybbp1a
1449040	_a_at	Sephs2
1456375	_x_at	Trim27
1426607	_at	Gm7120
1424203	_at	Ncln
1424314	at	Prpf3
1417581	_at	Dhodh
1434221	_at	Mical3
1460215	at	Polr1a
1422489	_at	Mogs
1426727	s at	Gm8801
1460241	_a_at	St3gal5
1428800	_a_at	Pus7l
1423740	a at	Rbm10
1442590	_at	Tnfrsf22
1426726	at	Gm8801
1434859	_at	Umps
1457083	_at	---
1437067	at	Phtf2
1426933	_at	Oxsr1
1439516	at	2610201A13Rik
1422709	_a_at	Wdr46
1416915	_at	Msh6
1416492	at	Ccne1
1460444	_at	Arrb1

1419359	at	Hexim1
1425498	_at	Prpf4b
1417582	s at	Dhodh
1452811	_at	Atic
1417191	_at	Dnajb9
1439407	x at	Tagln2
1417420	_at	Ccnd1
1448698	at	Ccnd1
1417419	_at	Ccnd1
1435928	_at	6430548M08Rik
1425896	a at	Fbn1
1434830	_at	Mxd1
1419550	a at	Stk39
1460208	_at	Fbn1
1426074	_at	---
1437274	at	Copa
1429772	_at	Plxna2
1434512	_x at	Srsf3
1434791	at	Atp6v0a2
1430515	_s at	Aasdhpt
1432164	a at	Gesh
1434135	_at	B3galnt2
1433751	_at	Slc39a10
1452768	at	Tex261
1443870	_at	Abcc4
1448691	at	Ubqln4
1416126	_at	Polr1b
1437373	_at	Aen
1448769	at	Slc35b1
1426940	_at	Sidt2
1454842	a at	B3galnt2
1433496	_at	Glt25d1
1459842	_x at	Nubp2
1440303	at	Slc7a6os
1428820	_at	Mapre1
1448563	_at	Phb
1434552	_at	Wdr77
1418206	_at	Sdf211
1448646	at	Wdr12
1434940	_x at	Rgs19
1454659	_at	Dctd
1417212	at	Fam195a
1423621	_a at	Slc33a1
1452872	at	Ank3



**Echinomycin inhibits adipogenesis in 3T3-L1 cells in a HIF-independent manner**  
**Junna Yamaguchi, Tetsuhiro Tanaka, Hisako Saito, Seitaro Nomura, Hiroyuki Aburatani,**  
**Hironori Waki, Takashi Kadowaki, Masaomi Nangaku**

**Table S2. The list of 111 probes in the microarray analysis**  
**(upregulated with MDI and suppressed with echinomycin both at 2 and 6 hr)**

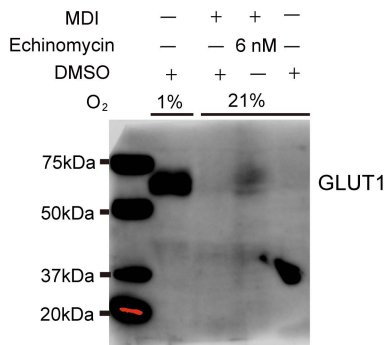
<b>Probe Set ID</b>	<b>Gene Symbol</b>
1450714_at	Azin1
1428393_at	Nrn1
1427844_a_at	Cebpb
1437247_at	Fosl2
1417483_at	Nfkbiz
1424938_at	Steap1
1451532_s_at	Steap1
1449851_at	Per1
1416881_at	Mcl1
1456702_x_at	Mat2a
1429758_at	1700017B05Rik
1455870_at	Akap2
1437742_at	Rab21
1418220_at	Foxf2
1420888_at	Bcl2l1
1426825_at	Fmn13
1422264_s_at	Klf9
1429399_at	Rnf125
1417902_at	Slc19a2
1449169_at	Has2
1422612_at	Hk2
1435483_x_at	Slc25a32
1418678_at	Has2
1427931_s_at	Pdxk
1427930_at	Pdxk
1417487_at	Fosl1
1422851_at	Hmga2
1442213_at	LOC552908
1439168_at	Camk2d
1450780_s_at	Hmga2
1416743_at	LOC640502 /// Uap1
1416125_at	Fkbp5
1450781_at	Hmga2
1418946_at	St3gal1
1422751_at	Tle1
1437490_x_at	LOC640502 /// Uap1
1456516_x_at	LOC640502 /// Uap1
1416745_x_at	LOC640502
1423401_at	Etv6
1448689_at	Rras2
1416744_at	LOC640502
1433531_at	Acsl4
1434602_at	Med13l
1430623_s_at	Obfc2a
1435280_at	AI452195
1426337_a_at	Tead4
1418175_at	Vdr
1437635_at	Dcbld2
1457404_at	Nfkbiz
1434967_at	Zswim6
1455660_at	Csf2rb

1434261 at Sipal12  
1447063\_at 1700017B05Rik  
1419766 at Sik1  
1444064\_at Samhd1  
1430362\_at 5730409N24Rik  
1423267\_s at Itga5  
1459722\_at Zswim6  
1424296 at Gclc  
1418911\_s\_at Acsl4  
1434384\_at Nrip1  
1425423 at Glis1  
1418879\_at Fam110c  
1418176 at Vdr  
1422771\_at Smad6  
1439163\_at Zbtb16  
1441030 at Rai14  
1455959\_s\_at Gclc  
1448231\_at Fkbp5  
1420150 at Spsb1  
1424613\_at Gprc5b  
1449089 at Nrip1  
1417621\_at Nfatc1  
1441823\_at Zmiz1  
1451739 at Klf5  
1418469\_at Nrip1  
1418901 at Cebpb  
1448728\_a\_at Nfkbiz  
1451021\_a\_at Klf5  
1439797 at Ppard  
1448029\_at Tbx3  
1430352 at Adamts9  
1437626\_at Zfp3612  
1427114\_at Ttc19  
1457276 at Sik2  
1451819\_at Zswim6  
1451177\_at Dnajb4  
1431734\_a\_at Dnajb4  
1435084\_at C730049O14Rik  
1439279 at 3110007F17Rik  
1455904\_at Gas5 /// Snord47  
1456381\_x\_at Mcl1  
1416880 at Mcl1  
1449007\_at Btg3 /// Gm7334  
1437527\_x at Mcl1  
1456243\_x\_at Mcl1  
1431182\_at Hspa8 /// LOC624853  
1439837 at Gigyf2  
1426958\_at Rps9  
1428694 at Mir17hg  
1448503\_at Mcl1  
1418133\_at Bcl3  
1416067 at Ifrd1  
1451982\_at Map2k4  
1422243 at Fgf7  
1453906\_at Med13l  
1426233\_at Map2k4  
1438405 at Fgf7  
1437785\_at Adamts9

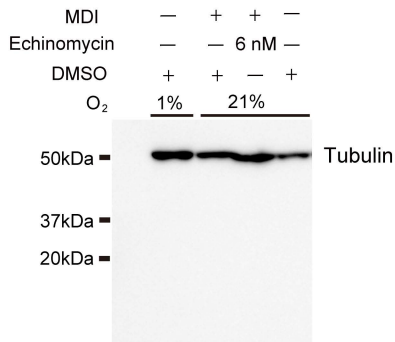
1439030 at Gmppb  
1449268\_at Gfpt1

# Supplementary Figure (Uncropped images for the blots)

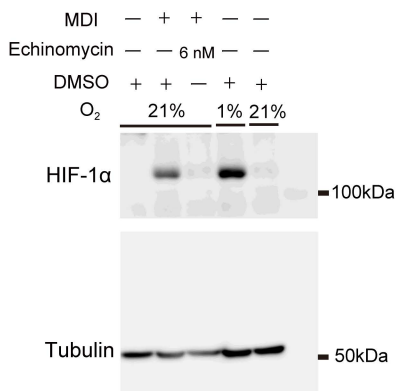
## Figure 2C. first row original figure



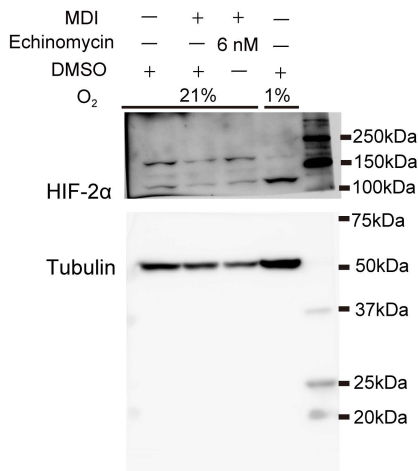
## Figure 2C. second row original figure



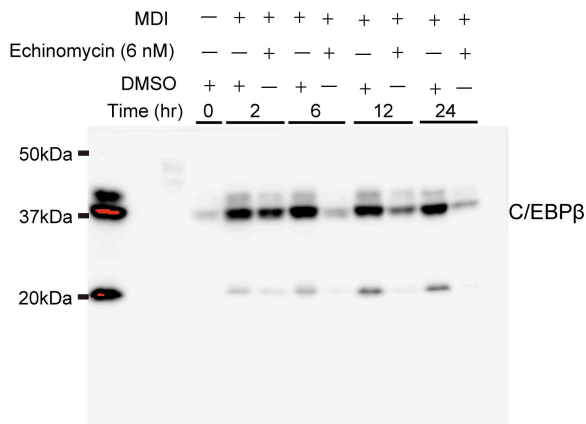
## Figure 2D (left). original figure



## Figure 2D (right). original figure



## Figure 5A. first row original figure



## Figure 5A. second row original figure

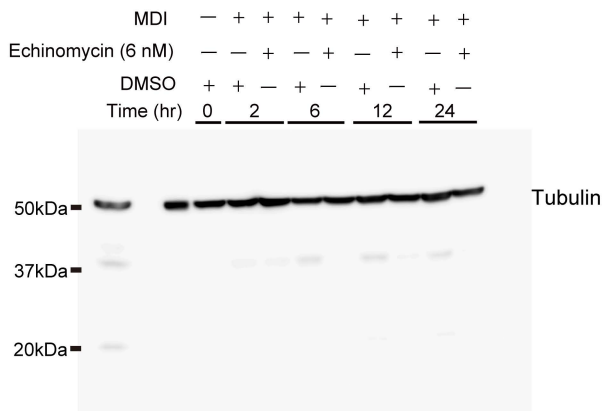


Figure 5C (right). first row original figure

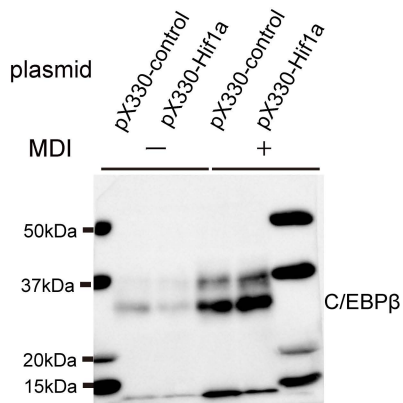


Figure 5C (right). second row original figure

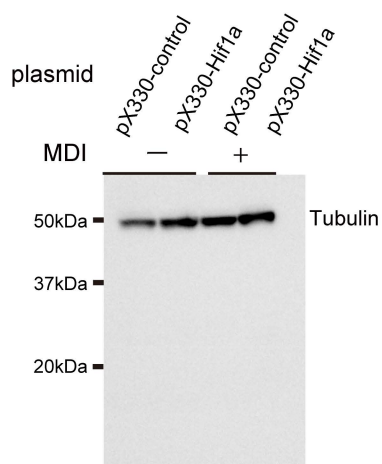


Figure 5D (left). first row original figure

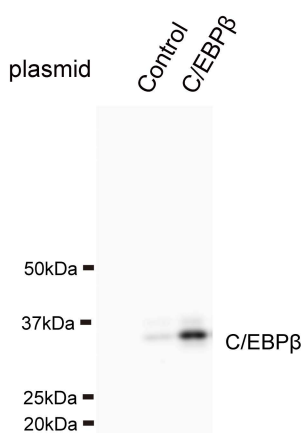


Figure 5D (left). second row original figure



Supplementary Figure (continued) Uncropped images for the blots.