Figure1D

obesity	control
821	2278
1166	1550
1546	1654
1433	1621
890	1678
1155	1574
1297	1286
1073	1512
983	1759
936	1265
723	1289
982	1165
674	1800
1200	1280
1484	1661
1291	1848
749	1807
705	1271
1278	1506
876	1493

Figure 1E

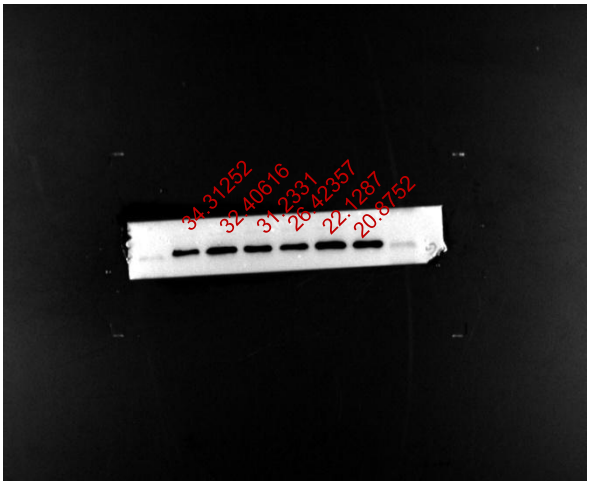
BMI	TIPE2
18.44255	6.434
18.75	4.5367
19.48696	4.3321
19.75987	4.123
20.51509	3.88
21.48438	4.57823
21.48438	3.686
21.75547	3.4765
21.79931	3.3123
22.23442	2.58768
22.86237	3.6997
24.91077	2.65733
25.03605	2.0133
25.40555	3.03213
26.3656	2.1331
26.42357	0.08323

26.63892	0.788932
26.72993	0.82324
26.81661	0.7896
27.34375	1.3242
27.34375	1.23241
27.68166	1.43452
28.01022	0.943249
28.01022	0.924323
28.39872	1.13123
31.2213	1.21324
32.40616	1.2324
33.20313	0.887789
34.31252	0.96786
44.87345	0.523212
22.32	0.08323
26.98675	0.788932
24.986986	0.82324
19.8623	0.7896
19.755776	1.3242

Figure 1F



GAPDH





TIPE2

TIPE2

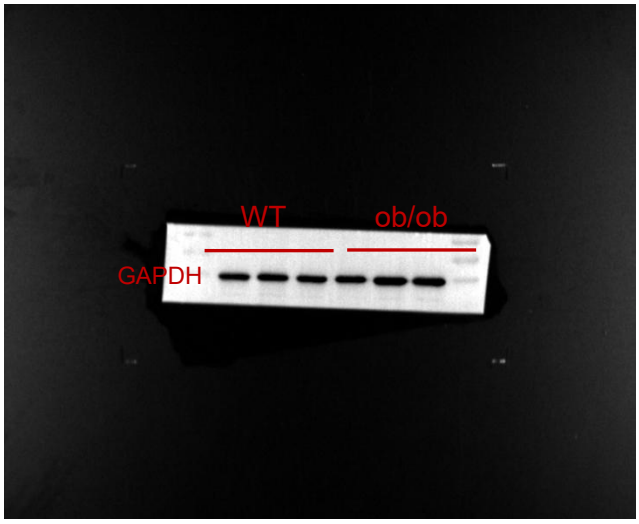


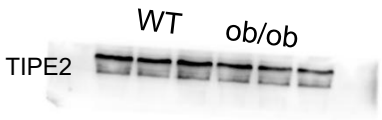
FIG1G

TIPE2	TG content
6.434	0.67863
4.5367	0.68632
4.3321	0.88979

4.123	0.978932
3.88	1.07893
4.57823	1.2234
3.686	1.28972
3.4765	1.36912
3.3123	1.382
2.58768	1.43123
3.6997	1.46532
2.65733	1.4783
2.0133	1.5832
3.03213	1.5843
2.1331	1.58623
0.08323	1.58632
0.788932	1.68764
0.82324	1.69832
0.7896	1.73973
1.3242	1.75721
1.23241	1.7757
1.43452	1.78263
0.943249	1.78969
0.924323	1.7963
1.13123	1.89
1.21324	1.89869
1.2324	1.979032
0.887789	1.98973
0.96786	1.998732
0.523212	2.197334
0.08323	2.28073
0.788932	2.49043
0.82324	2.58794
0.7896	3.1987932
1.3242	3.987492

Figure 2B





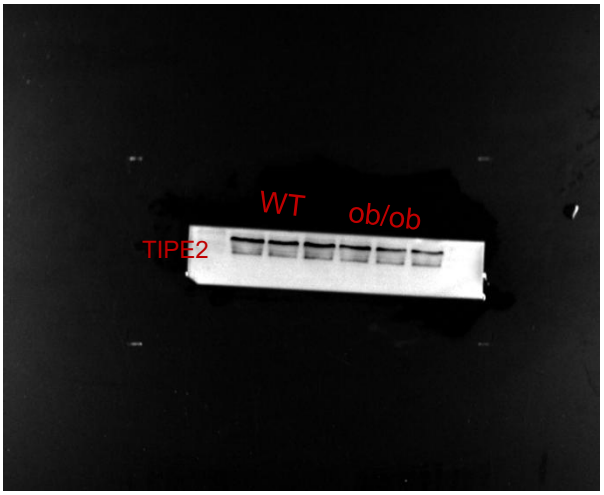
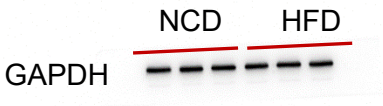
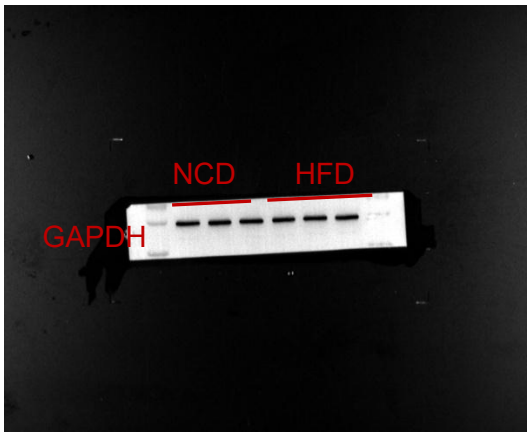
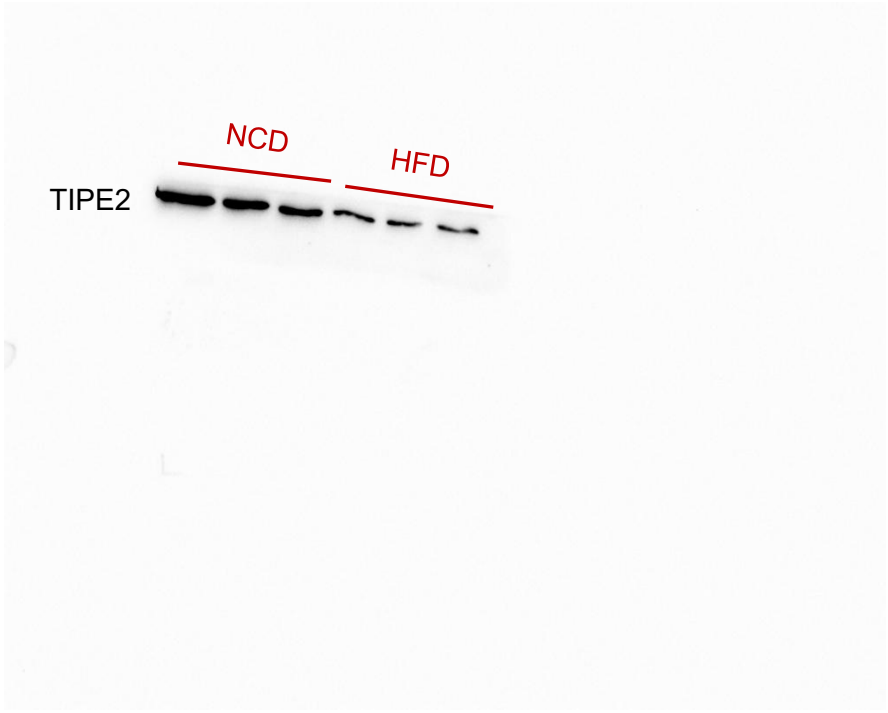


Figure 2D




NCD
HFD
GAPDH


NCD
HFD
TIPE2

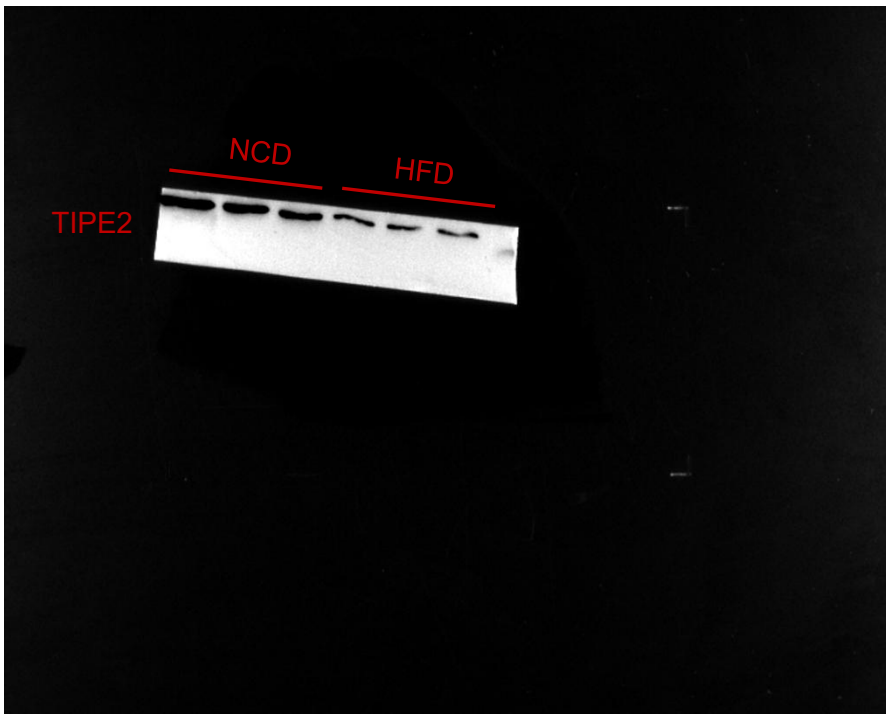


Figure 2F

WT+NCD	WT+HFD	KO+NCD	KO+HFD
29.4		32.2	35.2
	33.8	32.5	34.7
29.8	29.5	31.1	33.5
26	32.3		32.4
28.2	30.6	31.4	33.2
28	33	33.1	
28.56667	32.3	31.4	33.4

Figure 2G

WT+NCD	WT+HFD	KO+NCD	KO+HFD
1.224	1.281	1.553	1.506
1.024	1.326	1.385	1.6014
1.046	1.2332	1.3845	1.4014
1.1408	1.3801	1.3714	1.4072
1.2487	1.4568	1.492	1.4645
1.1576	1.2171	1.2056	1.3556

Figure 2H

WT+NCD	WT+HFD	KO+NCD	KO+HFD
0.161	0.277	0.215	0.291
0.133	0.282	0.2906	0.3037

0.192	0.2598	0.244	0.3081
0.173	0.2104	0.2717	0.2732
0.2019	0.2066	0.1788	0.2998
0.1872	0.2431	0.2387	0.288

Figure 2I

TC:	WT+NCD	WT+HFD	KO+NCD	KO+HFD
	2.465	4.635	4.478	5.33
	2.548	4.218	4.098	5.36
	2.697	4.255	4.037	5.29
	2.523	4.211	4.159	5.39
	2.487	4.222	4.019	5.43
	2.578	4.211	4.229	5.31

TG:

WT+NCD	WT+HFD	KO+NCD	KO+HFD
2.465	4.635	4.478	5.33
2.548	4.218	4.098	5.36
2.697	4.255	4.037	5.29
2.523	4.211	4.159	5.39
2.487	4.222	4.019	5.43
2.578	4.211	4.229	5.31

Figure 2J

X	Group A						Group B						Group C						Group D					
X Title	WT+NCD						WT+HFD						KO+NCD						KO+HFD					
X	A:Y1	A:Y2	A:Y3	A:Y4	A:Y5	A:Y6	B:Y1	B:Y2	B:Y3	B:Y4	B:Y5	B:Y6	C:Y1	C:Y2	C:Y3	C:Y4	C:Y5	C:Y6	D:Y1	D:Y2	D:Y3	D:Y4	D:Y5	D:Y6
0	5.0	7.5	5.6	6.1	7.0	6.4	10.0	9.2	10.0	9.7	9.6	10.1	9.3	9.2		9.7	10.1	11.1	10.0	9.2	10.0	9.7	9.6	10.1
15	14.9		13.1		13.1	15.3	20.6	18.7		16.0	22.3	19.3	15.1	15.2	16.2	17.1	15.2	17.6	17.3	18.7	26.5	18.0	17.3	20.3
30		13.1	10.2	11.5	12.6	11.6	17.3	16.8		15.3	17.3	16.5		12.7	17.0	13.4	15.1	15.1	20.6	16.8	17.2		22.3	16.5
60	8.0	8.3	10.2	8.8	9.8	9.0	12.6	11.7		10.7	11.5	12.3	10.1	9.7	10.1		11.0	10.8	14.6	11.7	13.8	14.0	11.5	12.6
120	6.7	6.5	6.0	8.3	6.3	6.2	10.0	9.2		9.5	10.2	10.1	7.8	8.3	9.4	10.1	8.6	9.7	10.0		11.5	9.5	10.2	10.2

Figure 2K

X	Group A						Group B						Group C						Group D					
X Title	WT+NCD						WT+HFD						KO+NCD						KO+HFD					
X	A:Y1	A:Y2	A:Y3	A:Y4	A:Y5	A:Y6	B:Y1	B:Y2	B:Y3	B:Y4	B:Y5	B:Y6	C:Y1	C:Y2	C:Y3	C:Y4	C:Y5	C:Y6	D:Y1	D:Y2	D:Y3	D:Y4	D:Y5	D:Y6
0	7.5	6.5	6.7	6.8	6.3	6.8	9.1	10.0	10.2	9.7	9.7	8.7	10.1	8.7	12.5	9.4	8.1	12.0	9.4	9.4	11.6	10.0	11.2	9.2
15	3.8	3.0	3.3	2.9	2.5	3.3	6.1	6.8	6.3	5.4	5.3	4.2	5.2	4.6	6.6	5.7	4.3	6.9	6.8	5.8	7.2	6.2	7.6	5.1
30	2.8	2.6	2.5	2.2	2.1	1.2	4.3	5.4	5.3	4.4	4.2	4.7	4.8	3.9	5.6	4.1	3.7	5.2	5.1	5.8	6.7	5.8	6.7	5.3
60	3.5	3.1	3.5	3.5	3.3	1.1	6.4	6.6	3.7	5.4	6.1	6.9	4.8	3.9	7.8	4.2	3.3	6.4	6.8	6.2	9.1	6.8	7.7	6.8
120	4.5	4.2	4.3	4.1	4.3	5.3	8.2	8.6	7.4	8.8	8.2	7.8	6.1	5.7	8.2	6.1	6.6	8.2	8.1	8.2	9.8	8.5	8.9	8.2

Figure 2L

WT+NCD	WT+HFD	KO+NCD	KO+HFD
0.603610074	1.293390383	0.899534062	1.731796321
0.687613397	1.445282776	0.845663645	1.992820811
0.498645965	1.580445381	0.945746778	1.586400041
0.603610074	1.293390383	0.899534062	1.731796321
0.687613397	1.445282776	0.845663645	1.992820811

0.498645965	1.580445381	0.945746778	1.586400041

Figure 2M

WT+NCD	WT+HFD	KO+NCD	KO+HFD
0.703610074	1.3293390383	0.8899534062	1.3731796321
0.7287613397	1.2445282776	0.8845663645	1.2992820811
0.698645965	1.3580445381	0.8945746778	1.2586400041
0.683610074	1.3293390383	0.899534062	1.3731796321
0.687613397	1.3445282776	0.815663645	1.2992820811
0.728645965	1.3580445381	0.845746778	1.3586400041

Figure 3B

4day	8day	12day
2.65758	3.7657	6.896987
2.87876	3.132131	6.278687
2.37897	3.99877	6.47868
2.97887	3.875788	6.67893

Figure 3C

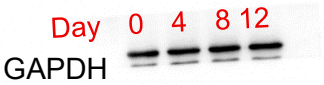
PPAR-γ

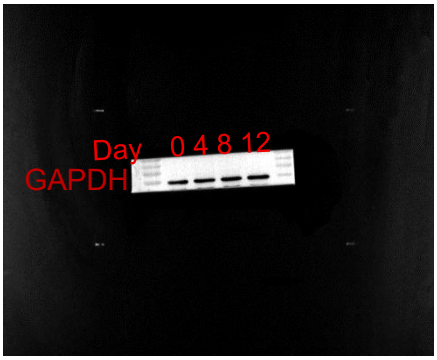
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		NC			Differentiation		
		A:1	A:2	A:3	B:1	B:2	B:3
1	4 day	1	1	1	2.15646854	2.25465800	2.35984870
2	8 day	1	1	1	4.89446514	4.71646580	4.75641650
3	12 day	1	1	1	9.26564500	9.38561000	9.35115100

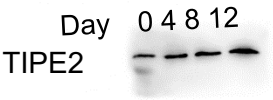
C/EBP-α

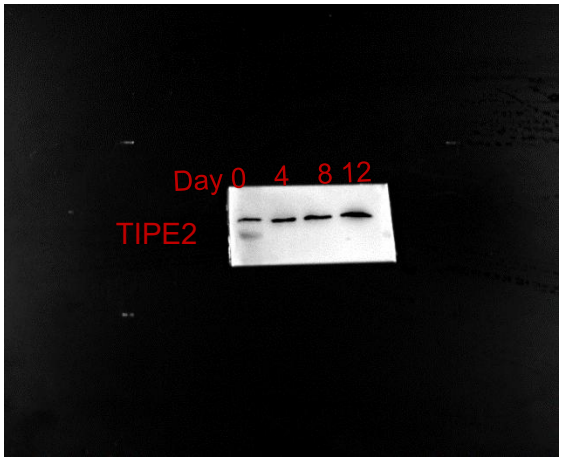
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		NC			Differentiation		
		A:1	A:2	A:3	B:1	B:2	B:3
1	4 day	1	1	1	2.51651000	2.41161551	2.39847000
2	8 day	1	1	1	3.56922000	3.92710000	3.86248630
3	12 day	1	1	1	5.21589000	5.44668000	5.36416500

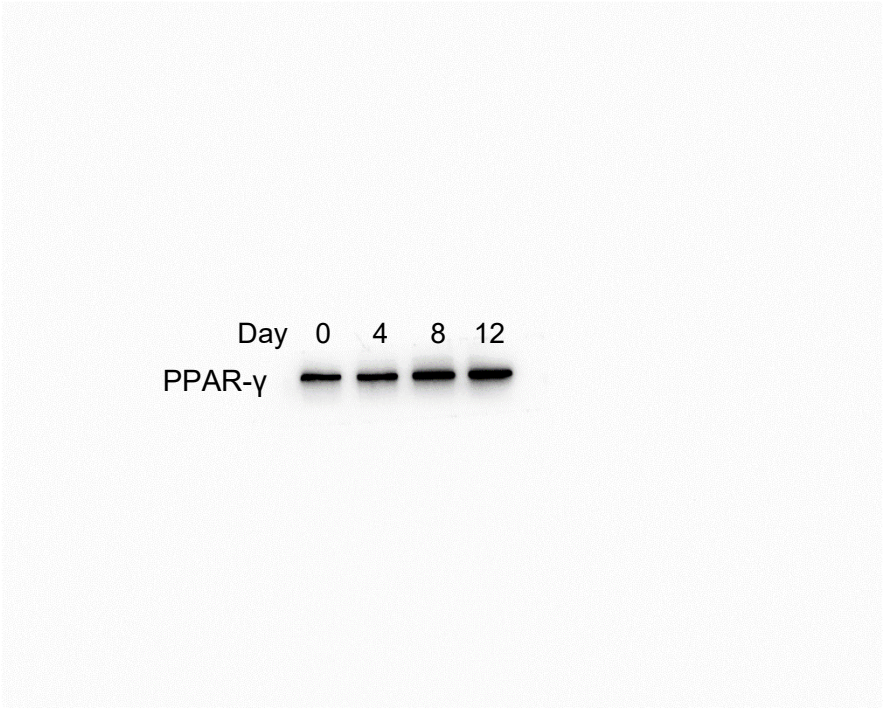
Figure 3D

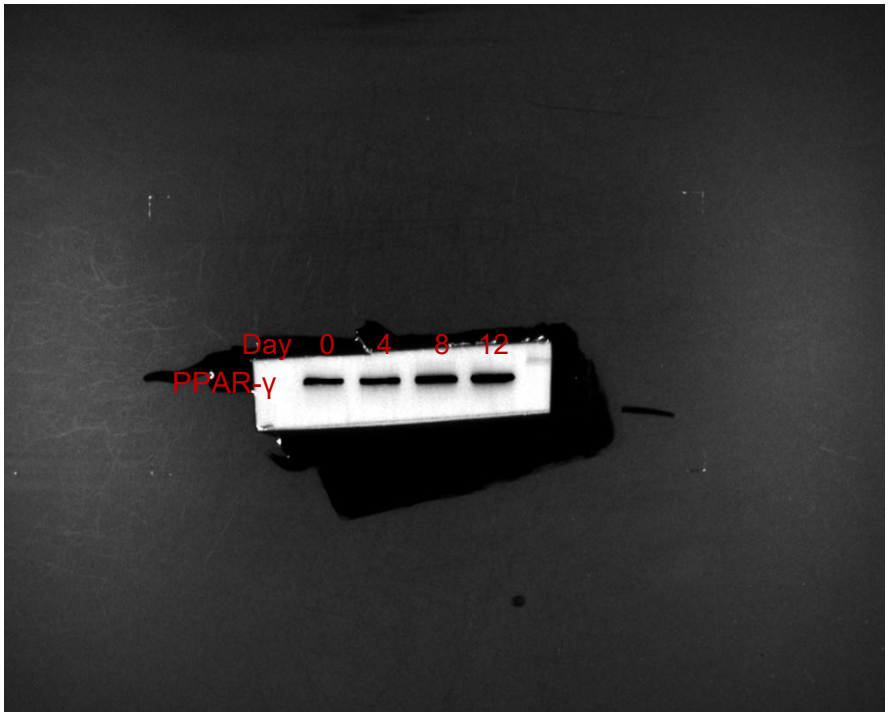

Day 0 4 8 12
GAPDH


Day 0 4 8 12
GAPDH


Day 0 4 8 12
TIPE2


Day 0 4 8 12
TIPE2


Day 0 4 8 12
PPAR-γ



Day 0 4 8 12
C/EBP-α

TIPE2

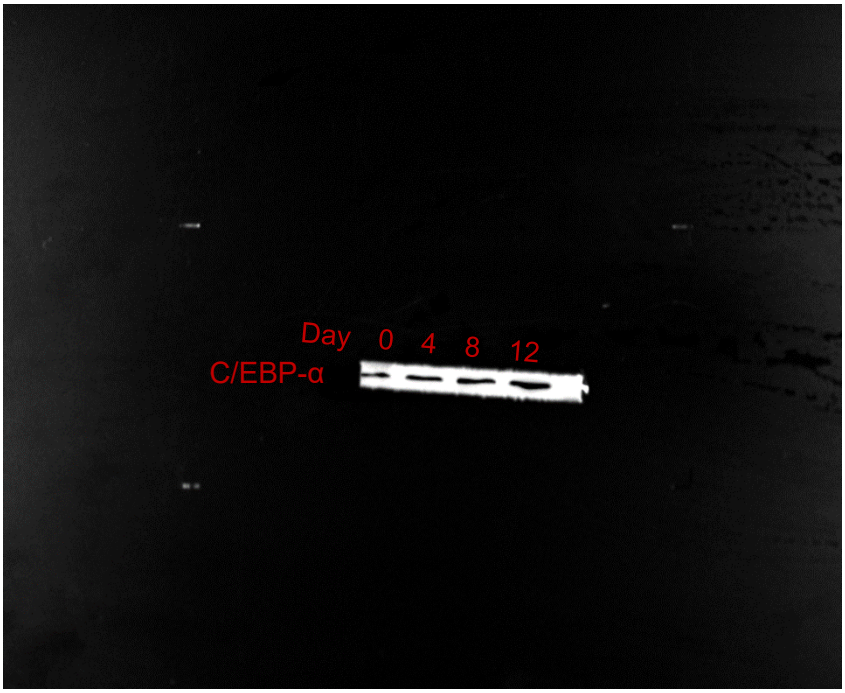


Figure 3F

4day	8day	12day
1.324	2.78686	4.78687
1.896876	2.8896	4.3675
1.67553	2.9098097	4.47868

Figure 3G

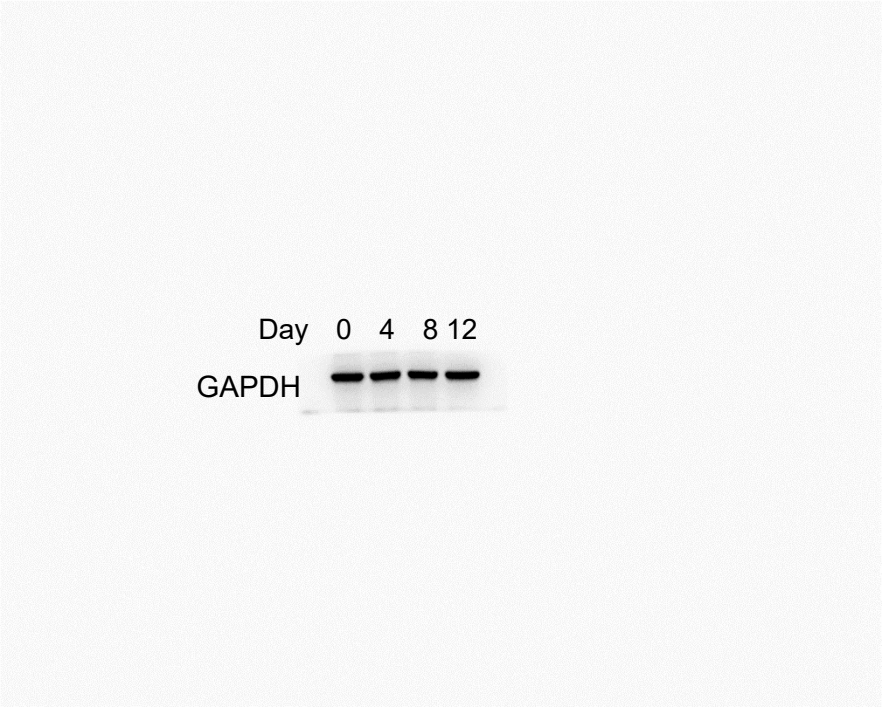
PPAR-γ

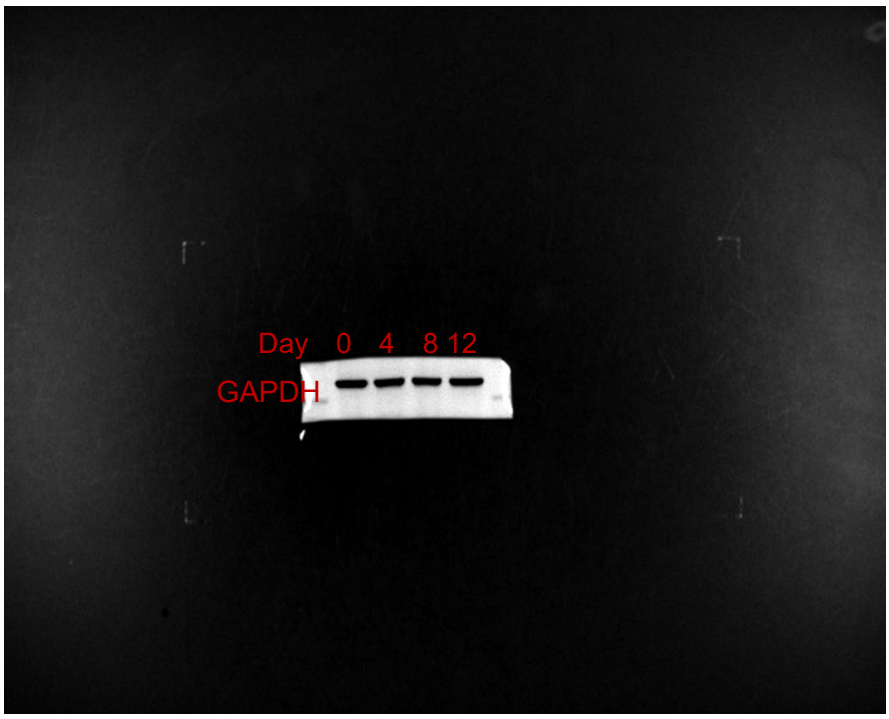
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		NC			Differentiation		
		A:1	A:2	A:3	B:1	B:2	B:3
1	4 day	1	1	1	2.15646854	2.25465800	2.35984870
2	8 day	1	1	1	4.89446514	4.31646580	4.75641650
3	12 day	1	1	1	6.26564500	6.38561000	6.35115100

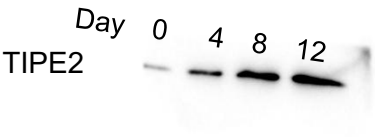
C/EBP-α

Table format: Grouped		Group A			Group B		
		NC			Differentiation		
		A:1	A:2	A:3	B:1	B:2	B:3
1	4 day	1	1	1	1.54574000	1.64543000	1.75430000
2	8 day	1	1	1	3.01230000	3.13213000	3.08768000
3	12 day	1	1	1	4.90709700	4.46720000	4.98789600

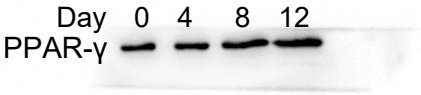
Figure 3H






Day
0
4
8
12
TIPE2


Day
0
4
8
12
TIPE2


Day 0 4 8 12
PPAR-γ


Day 0 4 8 12
PPAR-γ

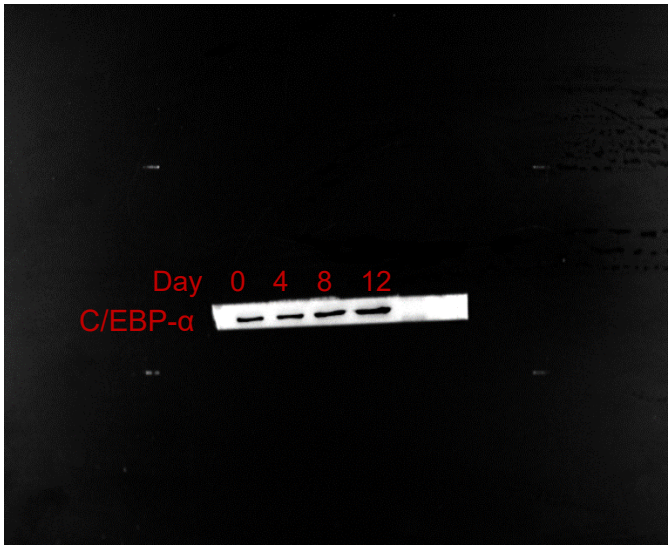


Figure 3J

4day	8day	12day
1.324	3.6786	4.78687
1.896876	3.8979	4.3675
1.67553	3.98686	4.47868

Figure 3K

PPAR-γ

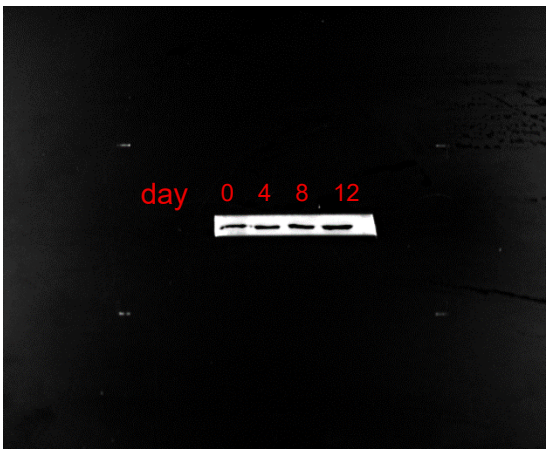
Table format: Grouped		Group A			Group B		
		NC			Differentiation		
		A:1	A:2	A:3	B:1	B:2	B:3
1	4 day	1	1	1	2.15646854	2.25465800	2.35984870
2	8 day	1	1	1	4.89446514	4.31646580	4.75641650
3	12 day	1	1	1	5.26564500	5.38561000	5.35115100

C/EBP-α

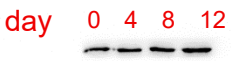
Table format: Grouped		Group A			Group B		
		NC			Differentiation		
		A:1	A:2	A:3	B:1	B:2	B:3
1	4 day	1	1	1	1.54574000	1.64543000	1.75430000
2	8 day	1	1	1	2.01230000	2.00000000	2.08768000
3	12 day	1	1	1	4.90709700	4.46720000	4.98789600

Figure 3L

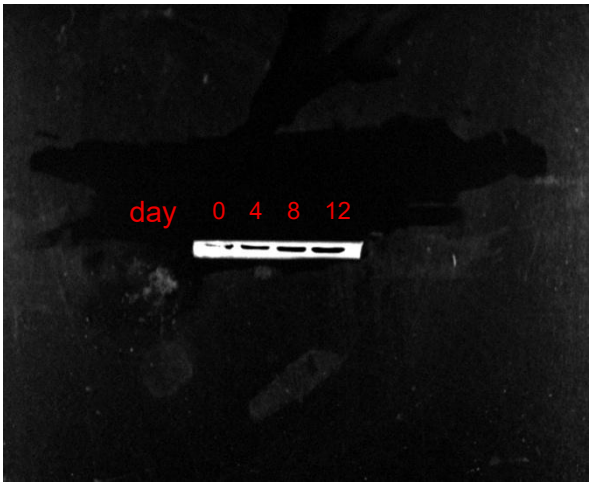
PPAR-γ



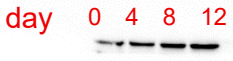
PPAR-γ



C/EBP-α



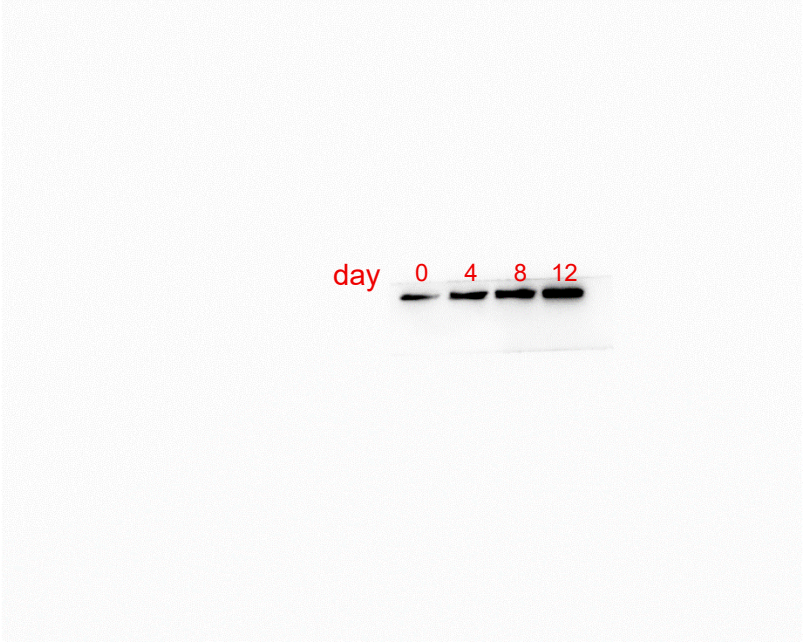
C/EBP-α



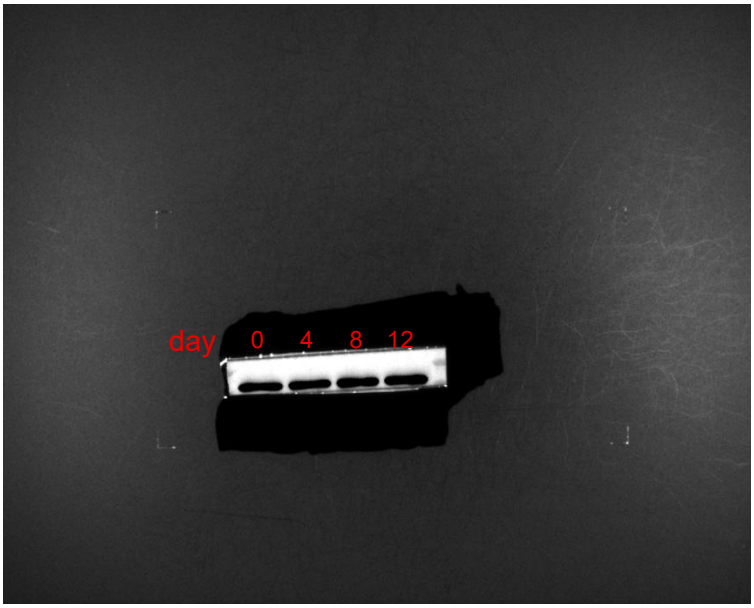
TIPE2



TIPE2



GAPDH



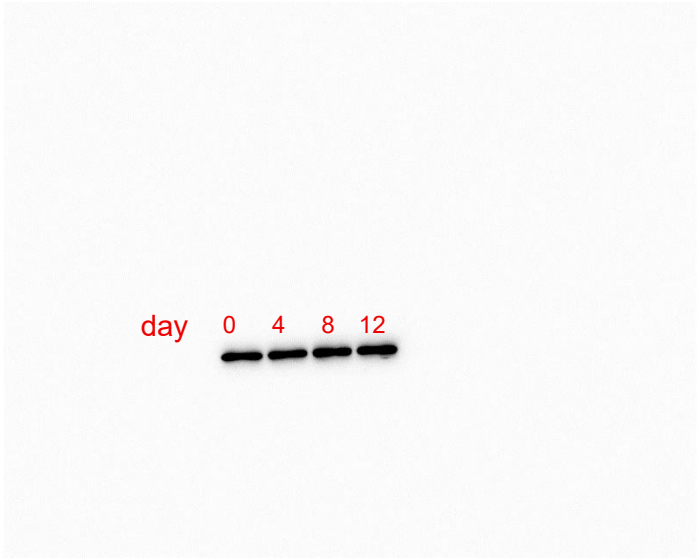


Figure 4C

PPAR-γ

sh-NC	sh-TIPE2
0.998894	2.7651
0.99515	2.6546
1.012231	2.5456

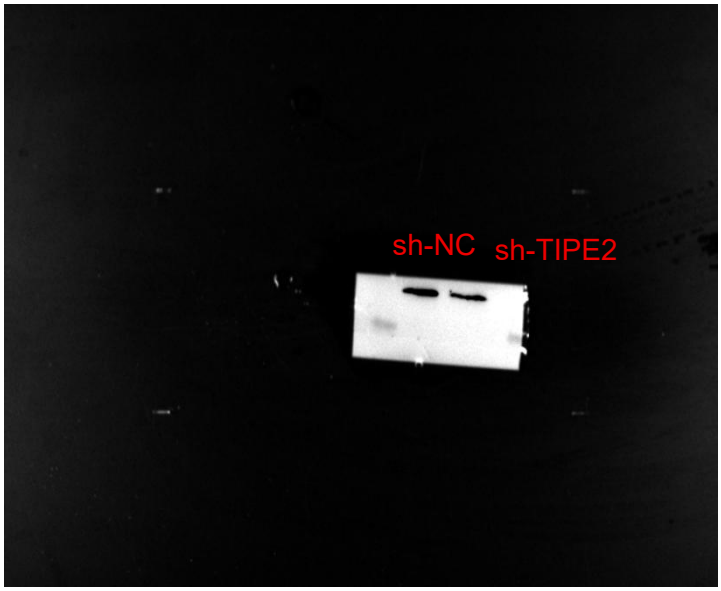
C/EBP-α

sh-NC	sh-TIPE2
0.998894	3.5165
0.99515	3.7561
1.012231	3.66514

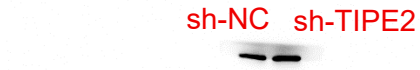
Figure 4D



TIPE2



PPAR-γ



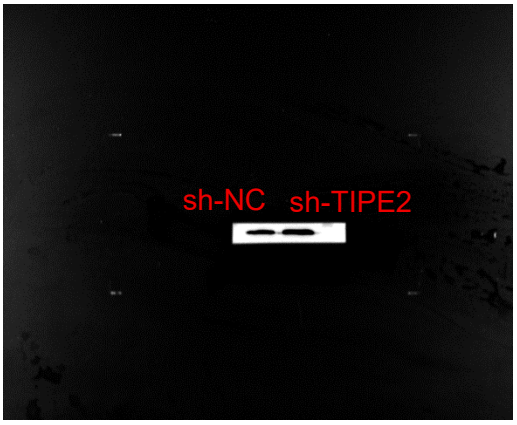
PPAR-γ



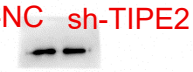
C/EBP-α



C/EBP-α



GAPDH



GAPDH



Figure 3E

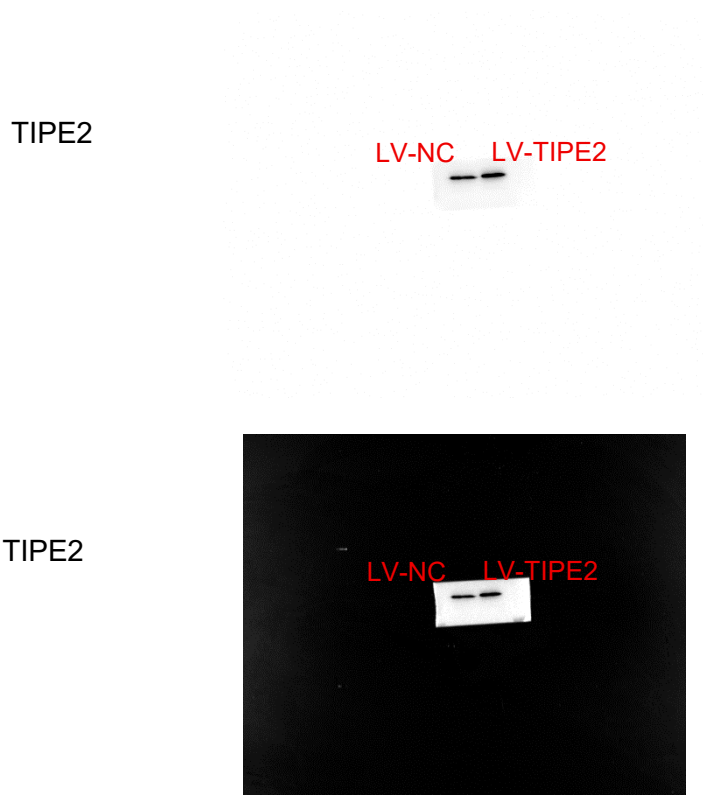
PPAR-γ

LV-NC	LV-TIPE2
0.998894	0.515
0.99515	0.6451
1.012231	0.59265

C/EBP-α

LV-NC	LV-TIPE2
0.998894	0.6595
0.99515	0.6361
1.012231	0.64455

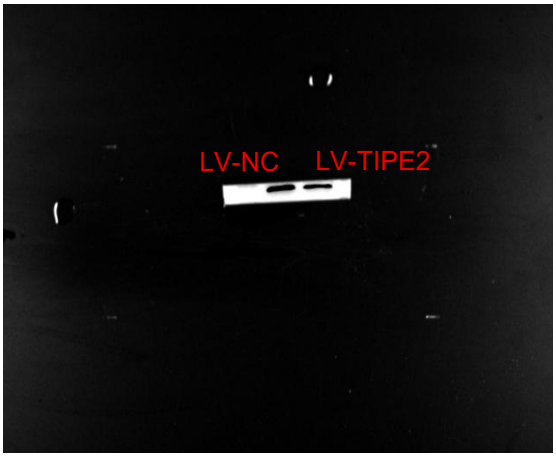
Figure 3F



PPAR-γ



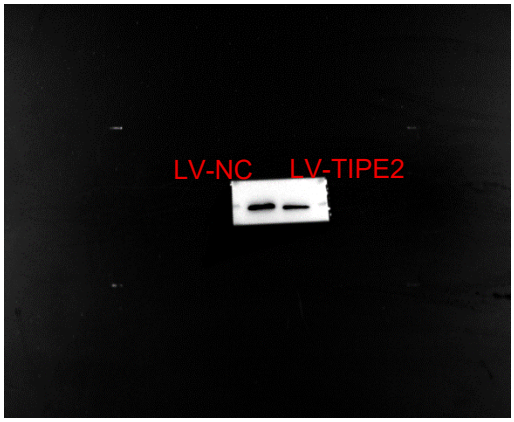
PPAR-γ



C/EBP-α



C/EBP-α



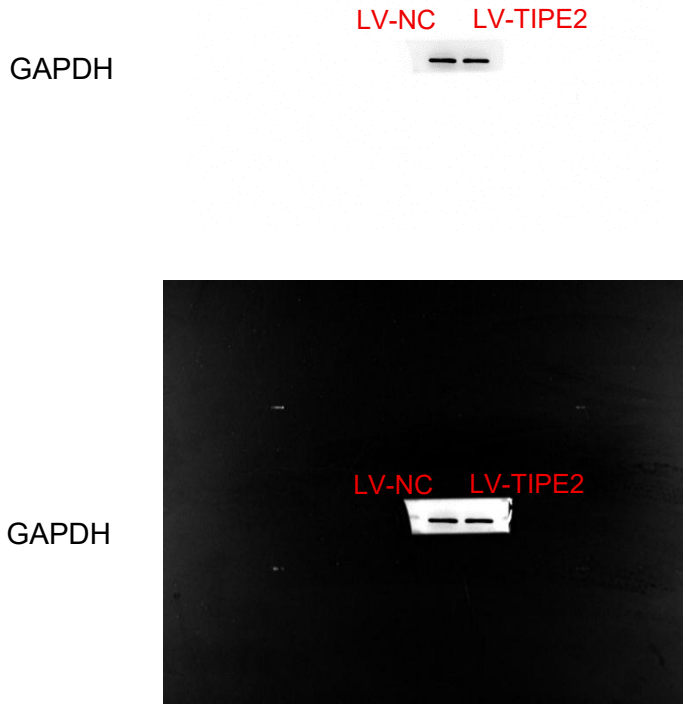
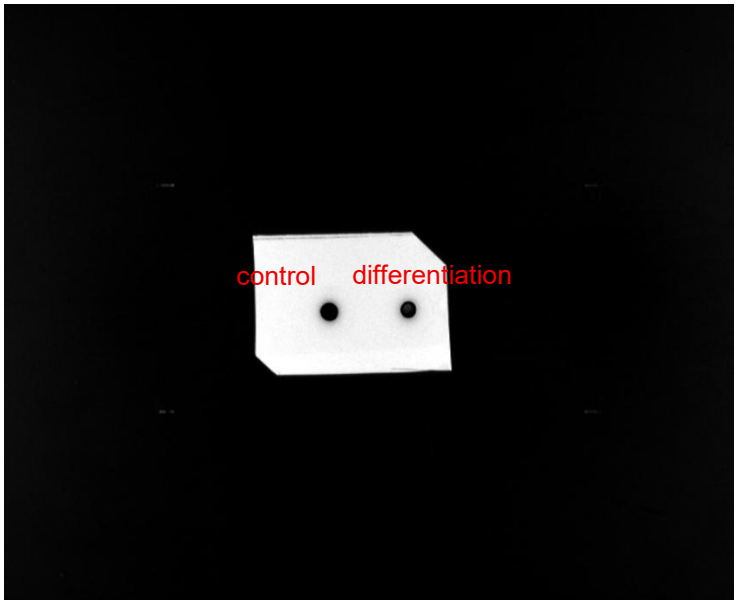


Figure 5A

m6A % content in total mRNA

control	differentiation
0.9925165	0.6948594
0.99165465	0.7015165
0.9991651454	0.6516541



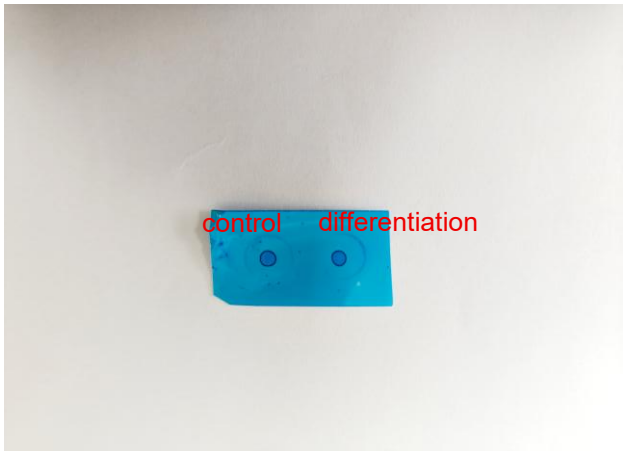
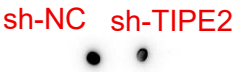


Figure 5B

Table format: Grouped		Group A			Group B		
		NC			Differentiation		
		A:1	A:2	A:3	B:1	B:2	B:3
1	ALKBH5	0.9916510	0.99265150	0.995165	1.265151	1.35614560	1.1565100
2	FTO	1.0799250	1.06555156	1.032560	2.541500	2.35615614	2.4589400
3	METTL3	0.9948940	1.06561600	1.035000	1.465100	1.25616500	1.3561651
4	METTL14	1.0516500	1.01561000	1.021650	0.516510	0.54165110	0.5026100
5	WTAP	1.0726512	1.04165150	1.001654	0.716510	0.76265000	0.6954100

Figure 5C

sh-NC	sh-TIPE2
0.9959	0.6351
0.99356	0.6522
1.0025	0.65516





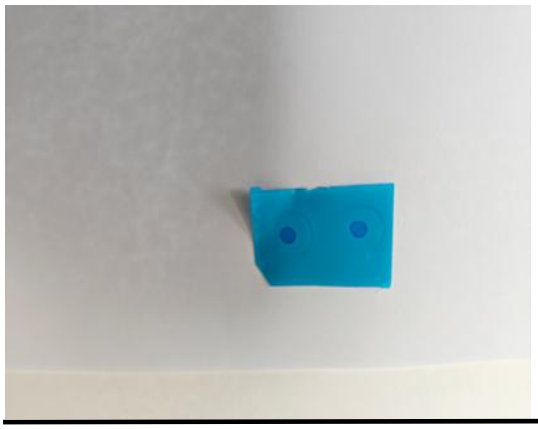
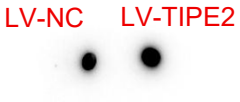


Figure 5D

Table format: Grouped		Group A			Group B		
		sh-NC			sh-TIPE2		
		Mean	Upper Limit	Lower Limit	Mean	Upper Limit	Lower Limit
1	ALKBH5	0.9856145800	0.97165474	0.99164640000	1.0151650000	0.9529898	1.1546984
2	FTO	0.9916515640	0.98256140	0.99015145600	3.2651450000	3.8265154	3.5265610
3	METTL3	0.9965416854	0.98454156	1.01561465000	1.1156480000	1.2564840	1.3156484
4	METTL14	0.9916540000	0.99415400	0.99826480000	0.3964854000	0.4065415	0.3516840
5	WTAP	0.9916540000	0.98165418	0.98152631541	0.7865415684	0.7556100	0.6941654

Figure 5E

LV-NC	LV-TIPE2
0.9859145	1.2479
0.94415	1.3259
1.016458	1.14584897





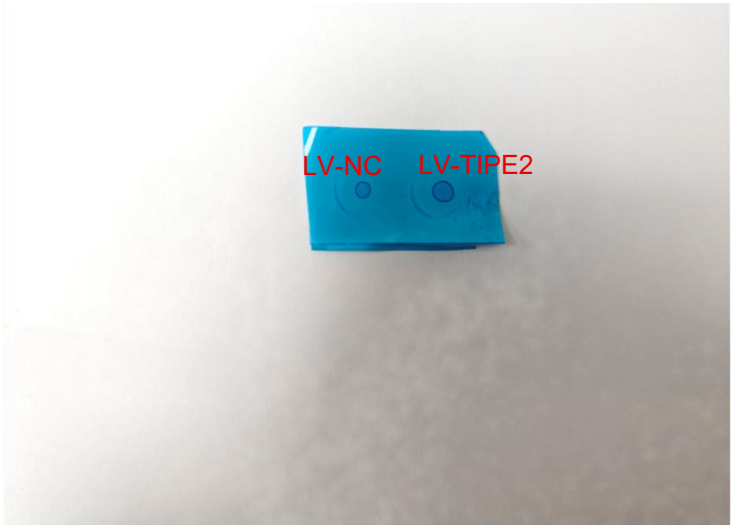
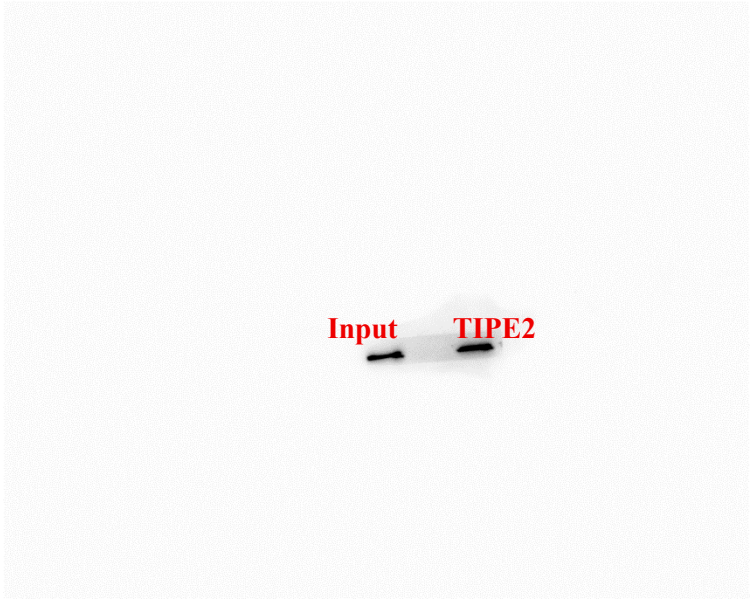


Figure 5F

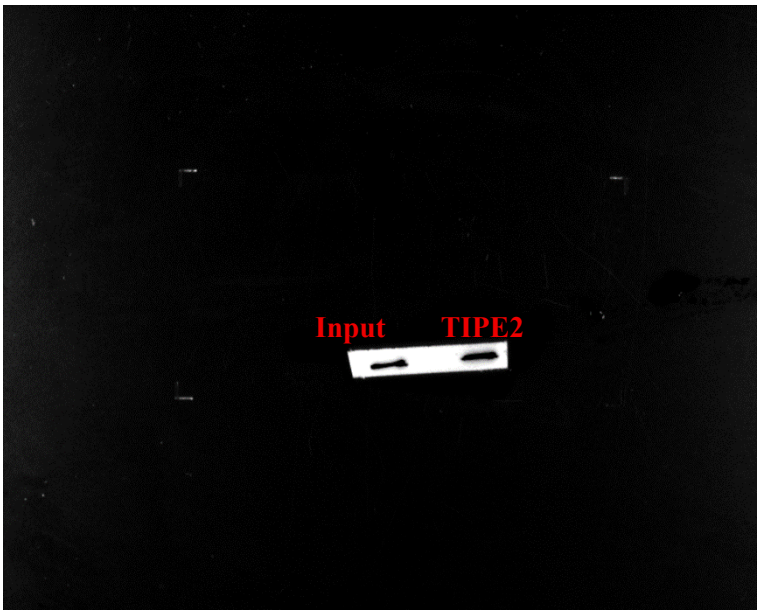
Table format: Grouped		Group A			Group B		
		LV-NC			LV-TIPE2		
		A:1	A:2	A:3	B:1	B:2	B:3
1	ALKBH5	0.9856145800	0.97165474	0.99164640000	1.0651650000	1.0516510000	1.1546984
2	FTO	0.9916515640	0.98256140	0.99015145600	0.4598400000	0.5561654100	0.5415840
3	METTL3	0.9965416854	0.98454156	1.01561465000	0.8854900000	0.7941800000	0.8986140
4	METTL14	0.9916540000	0.99415400	0.99826480000	1.3565146000	1.2265100000	1.3516840
5	WTAP	0.9916540000	0.98165418	0.98152631541	1.1056100000	1.1561500000	1.2615000

Figure 6G

METTL14



METTL14



TIPE2

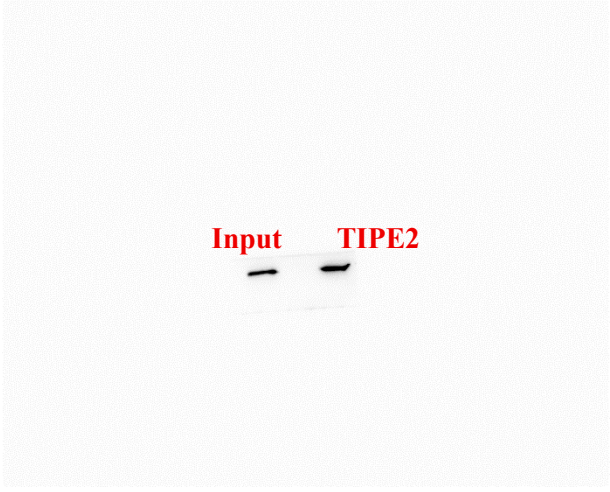
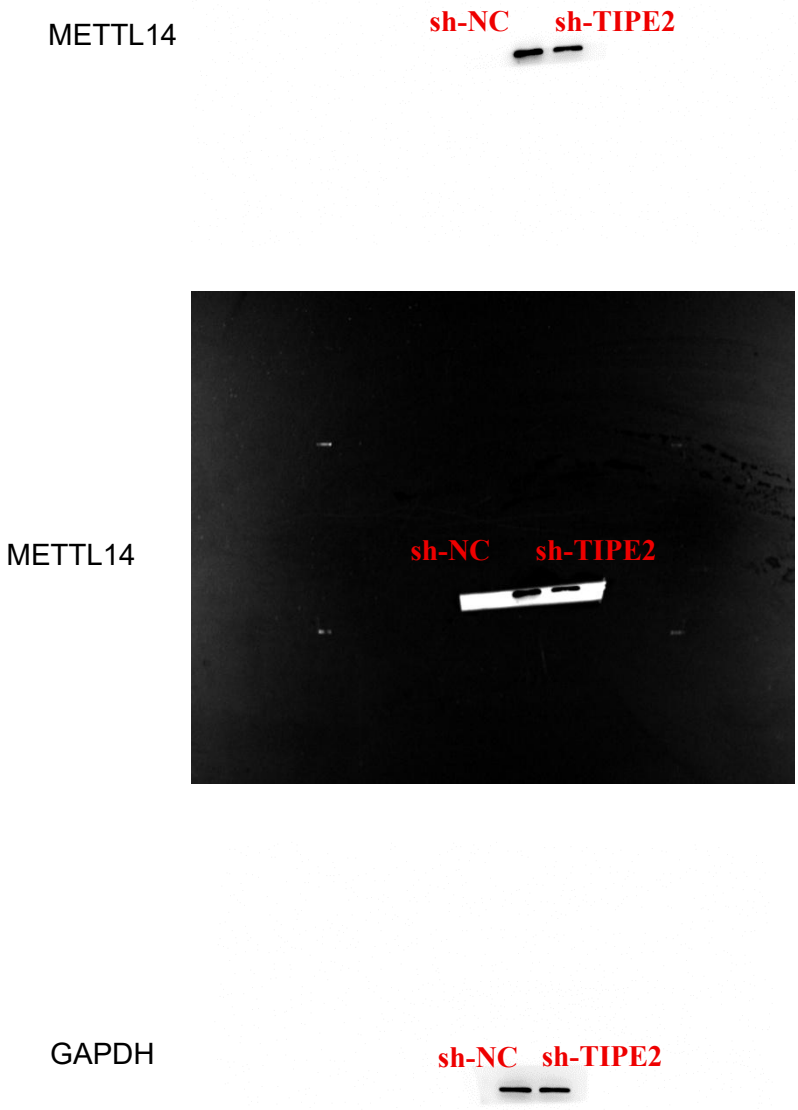


Figure 7A


METTL14
sh-NC
sh-TIPE2
METTL14
sh-NC
sh-TIPE2
GAPDH
sh-NC
sh-TIPE2

GAPDH

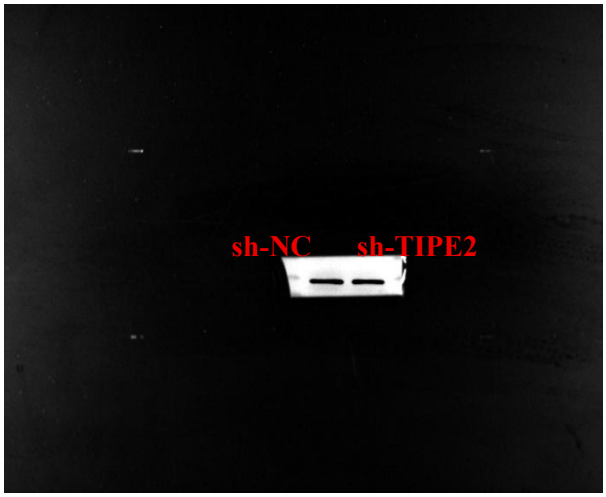


Figure 7B

METTL14



METTL14



GAPDH

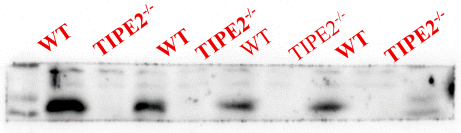


GAPDH

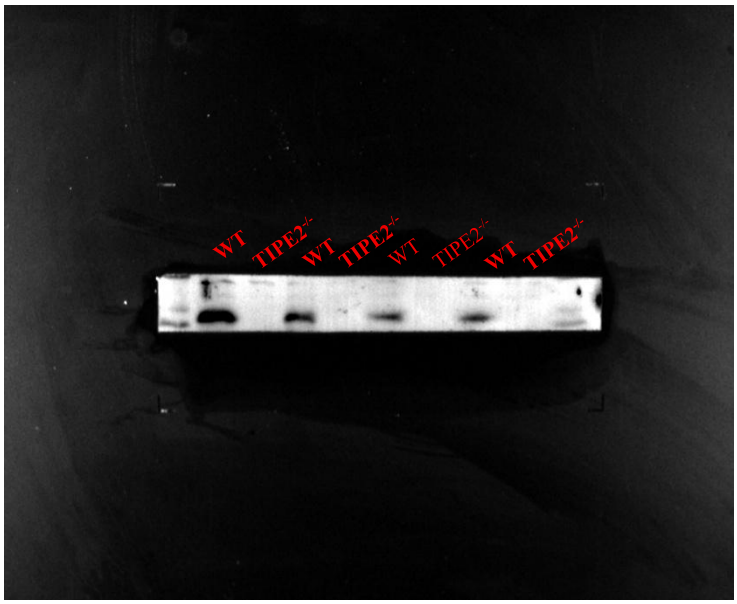


Figure 7C

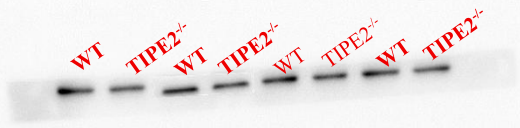
TIPE2



TIPE2



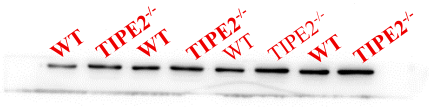
METTL14



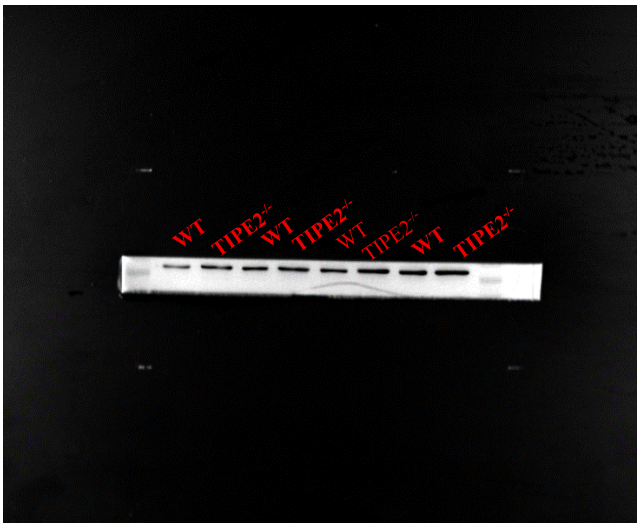
METTL14



PPAR-γ



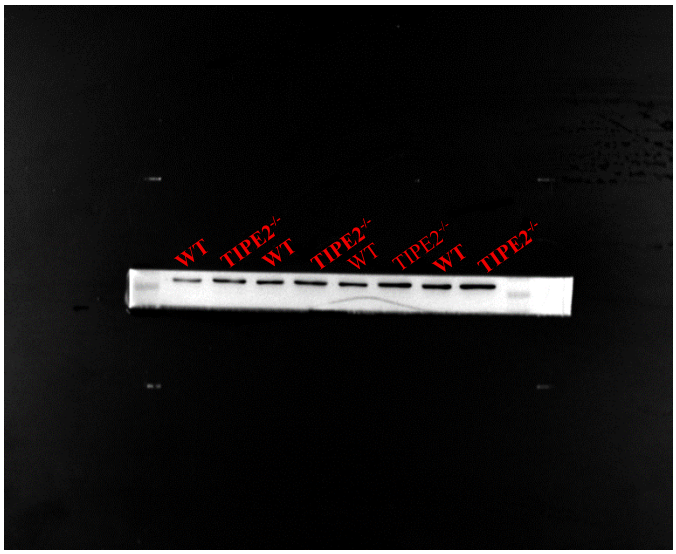
PPAR-γ



C/EBP-α



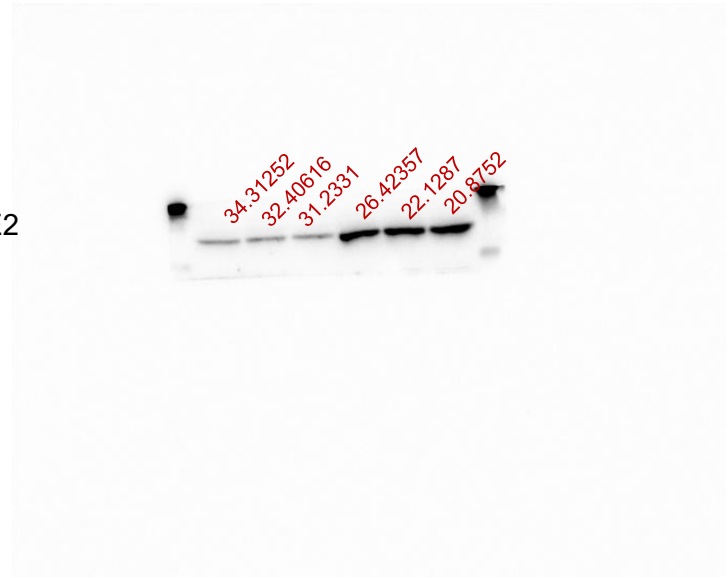
C/EBP-α



GAPDH

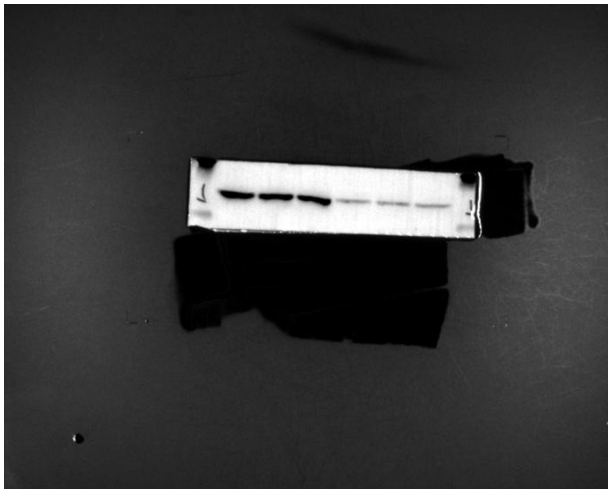
Figure 7E

TIPE2

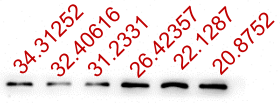


34.31252
32.40616
31.2331
26.42357
22.1287
20.8752

TIPE2



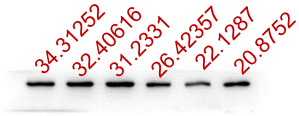
METTL14



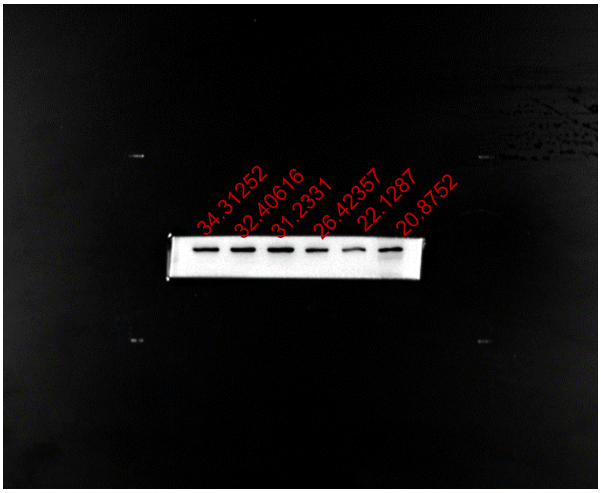
METTL14



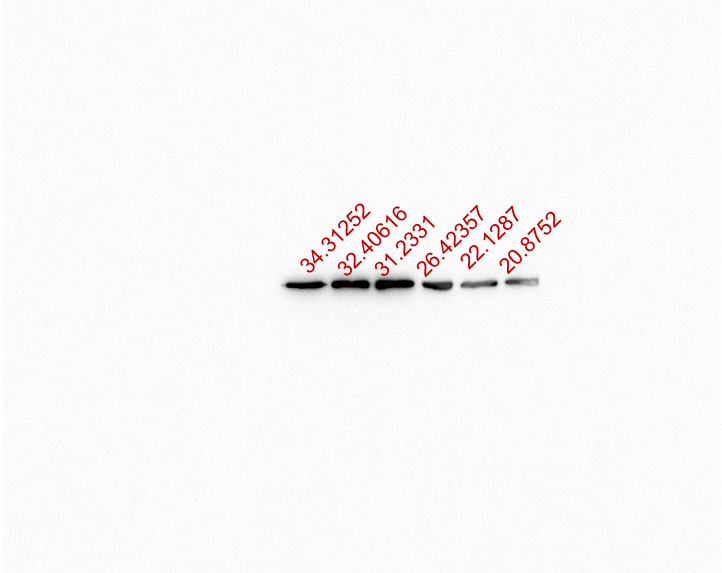
PPAR-γ



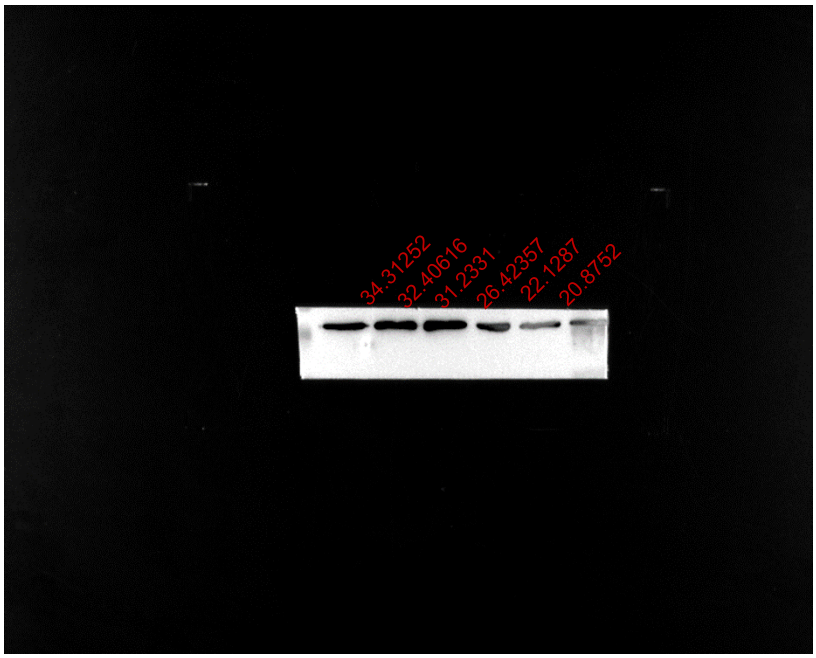
PPAR-γ



C/EBP-α



C/EBP-α



GAPDH



GAPDH

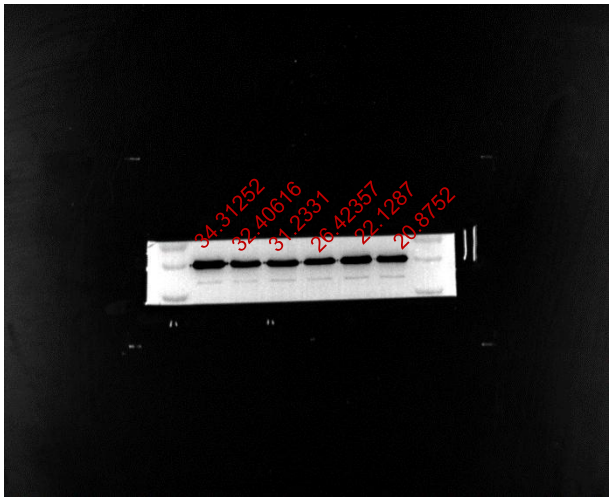


Figure 7G

PPAR-γ

	Group A	Group B	Group C	Group D
	sh-NC	sh-TIPE2	LV-METTL14	sh-TIPE2+LV-METTL14
1	0.99900000	1.74986486940	0.78841540000	1.211400000
2	0.98256100	1.82561000000	0.76164168500	1.156145000
3	0.98854615	1.75616454100	0.74165150000	1.154654400

C/EBP-α

	Group A	Group B	Group C	Group D
	sh-NC	sh-TIPE2	LV-METTL14	sh-TIPE2+LV-METTL14
1	1.0051650	1.564156840	0.61651000	0.951478000
2	1.0116515	1.615610000	0.54984000	0.815614658
3	0.9951451	1.755418900	0.79594800	0.871651000

Figure 7H

PPAR-γ



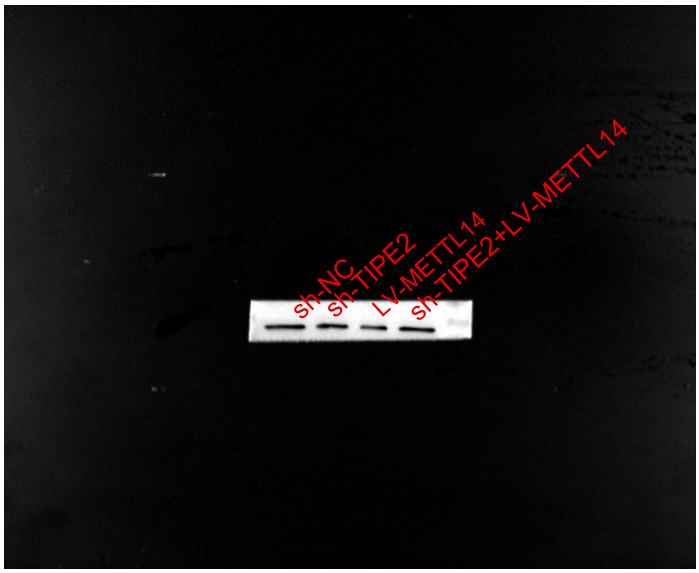
PPAR-γ



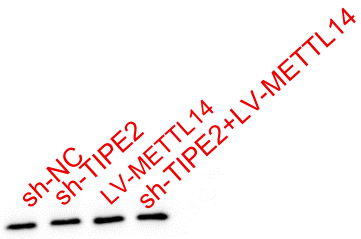
C/EBP-α



C/EBP-α



GAPDH



GAPDH



Figure 8F

TC

AAV-GFP	AAV-TIPE2
28.668	32.684
32.832	65.792
32.244	37.524
40.892	39.62
41.396	49.492
30.832	47.732
32.756	34.612
18.632	42.732

TG

AAV-GFP	AAV-TIPE2
1.396	0.868
1.068	1.284
1.332	1.02
1.1	1.069
1.848	1.032
1.58	1.344
1.948	1.084
1.484	1.068

Figure 7G

X	Group A						Group B					
X Title	AAV-GFP						AAV-TIPE2					
X	A:Y1	A:Y2	A:Y3	A:Y4	A:Y5	A:Y6	B:Y1	B:Y2	B:Y3	B:Y4	B:Y5	B:Y6
15	22.0	22.1	22.5	22.4	21.9	21.7	16.5	16.0	16.1	16.8	17.0	16.5
30	26.0	25.9	27.1	26.8	25.7	26.2	18.5	18.6	17.5	17.9	18.2	18.0
60	23.0	23.2	23.5	22.8	22.6	23.6	14.5	14.3	14.0	14.8	14.9	14.6
90	19.5	19.9	19.2	19.0	19.3	18.9	11.0	11.3	10.7	10.9	11.5	10.8
120	16.0	16.4	15.7	15.9	15.7	16.3	9.5	9.3	9.8	9.0	9.2	8.9

Figure 7H

	X	Group A						Group B					
	X Title	AAV-GFP						AAV-GFP					
	X	A:Y1	A:Y2	A:Y3	A:Y4	A:Y5	A:Y6	B:Y1	B:Y2	B:Y3	B:Y4	B:Y5	B:Y6
1	Titl	0	9.2	9.4	9.0	8.8	9.4	8.9	7.7	7.5	7.4	7.6	7.3	7.8
2	Titl	15	8.5	8.8	8.3	8.2	8.0	8.7	6.0	6.2	6.5	5.8	5.9	6.1
3	Titl	30	8.0	7.9	8.2	7.8	7.7	8.0	4.8	5.0	5.3	5.4	4.9	4.7
4	Titl	60	7.6	7.5	7.8	7.7	7.5	7.4	3.9	4.0	3.7	4.1	4.2	3.7
5	Titl	90	7.3	7.1	7.0	7.4	6.9	7.0	4.3	4.4	4.0	4.6	4.7	4.5
6	Titl	120	7.8	8.0	7.9	8.1	7.6	7.5	5.0	5.1	5.4	4.8	5.2	4.9

Figure 7I

AAV-GFP	AAV-TIPE2
6.603610074	3.293390383
6.687613397	2.445282776
5.498645965	3.580445381
5.603610074	4.0293390383
5.687613397	3.8445282776
6.098645965	3.580445381
5.2342	3.12332
6.23424	4.0008923

Figure 7J

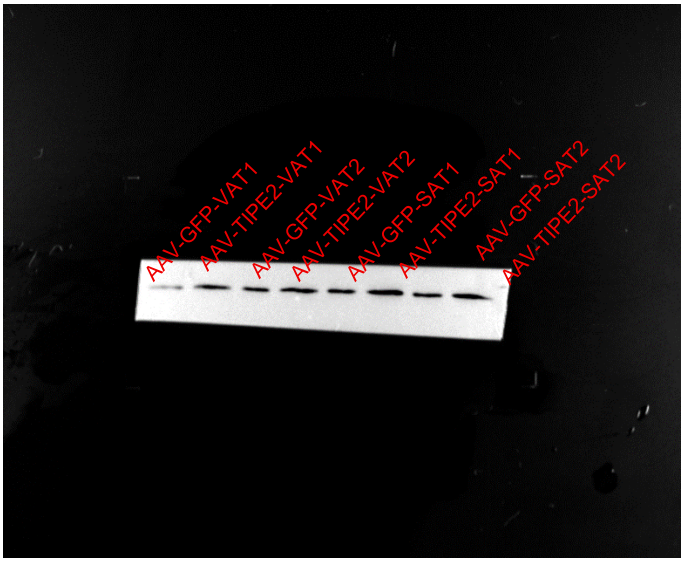
AAV-GFP	AAV-TIPE2
18.268373139	10.121671097
17.97953231	11.342184333
17.822488377	10.264180301
18.768373139	11.121671097
16.897953231	10.342184333
17.488377	10.264180301
16.2324	10.8993
17.0032	9.830923

Figure 7K

TIPE2



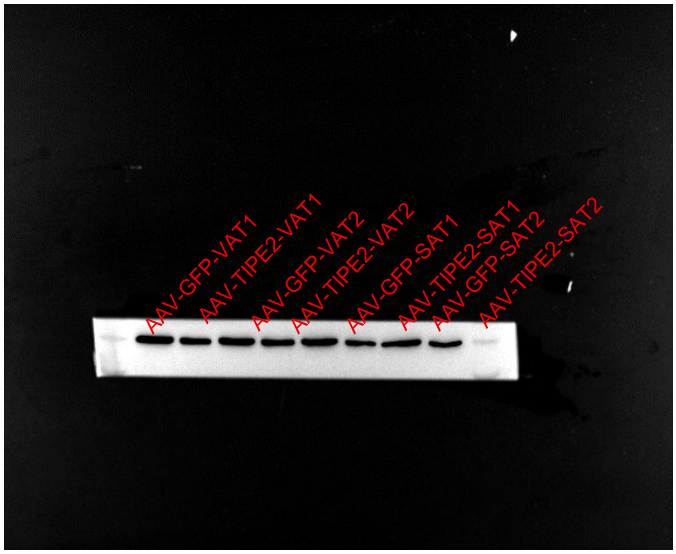
TIPE2



PPAR-γ



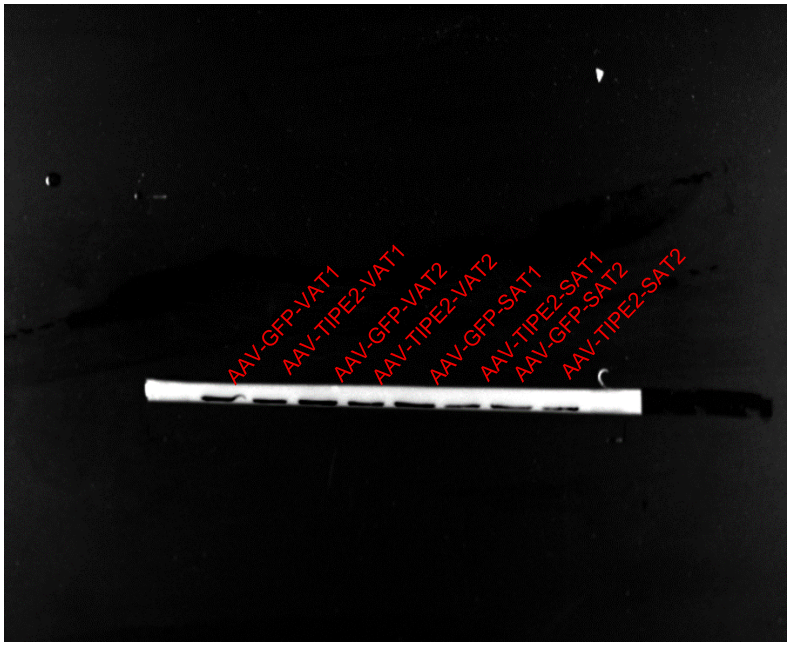
PPAR-γ


AAV-GFP-VAT1
AAV-TIPE2-VAT1
AAV-GFP-VAT2
AAV-TIPE2-VAT2
AAV-GFP-SAT1
AAV-TIPE2-SAT1
AAV-GFP-SAT2
AAV-TIPE2-SAT2

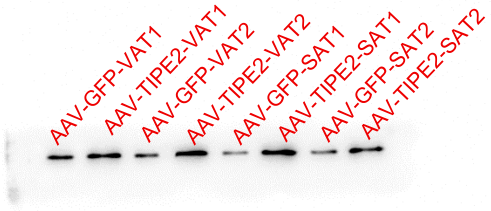
C/EBP-α


AAV-GFP-VAT1
AAV-TIPE2-VAT1
AAV-GFP-VAT2
AAV-TIPE2-VAT2
AAV-GFP-SAT1
AAV-TIPE2-SAT1
AAV-GFP-SAT2
AAV-TIPE2-SAT2

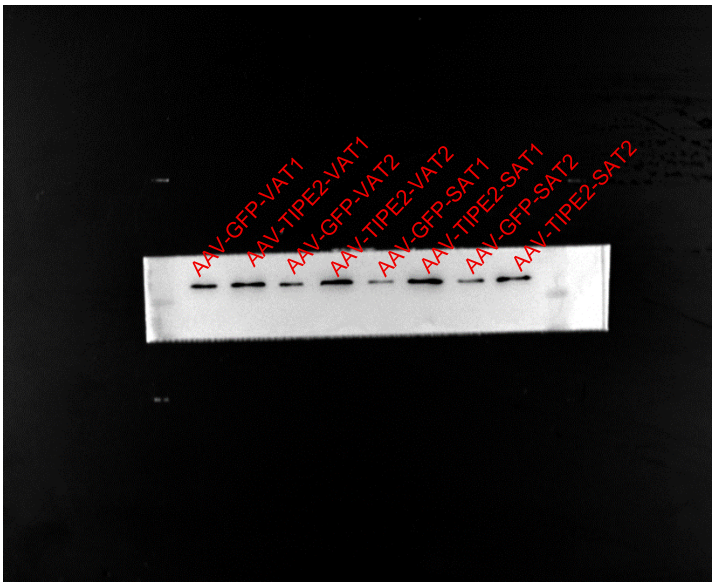
C/EBP-α



METTL14



METTL14



GAPDH



GAPDH

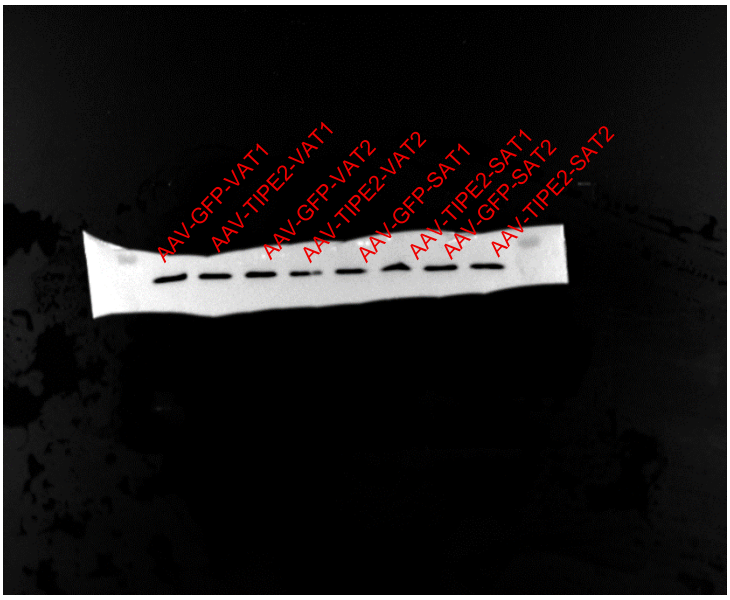


Figure 9B

PPAR-γ

sh-NC	sh-TIPE2	sh-TIPE2+T0070907
1.05758	3.7657	2.896987
1.07876	3.132131	2.278687
1.07897	3.99877	2.47868

C/EBP-α

sh-NC	sh-TIPE2	sh-TIPE2+T0070907
1.05758	5.7657	3.896987
1.07876	5.432131	3.2478687
1.07897	5.99877	3.347868

Figure 9C

PPAR-γ



PPAR-γ



C/EBP-α



C/EBP-α



GAPDH

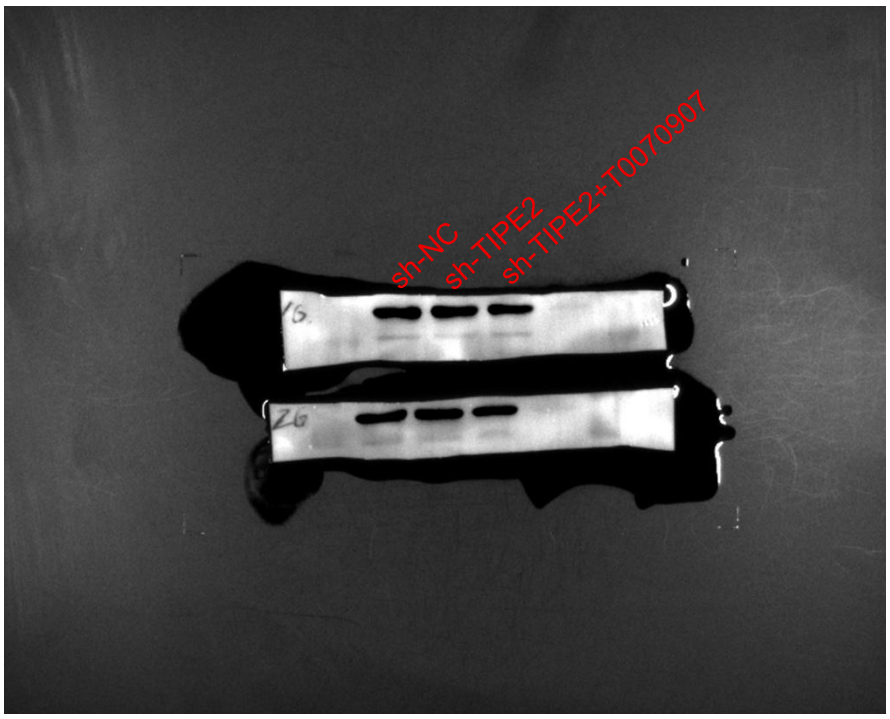


Figure 9E

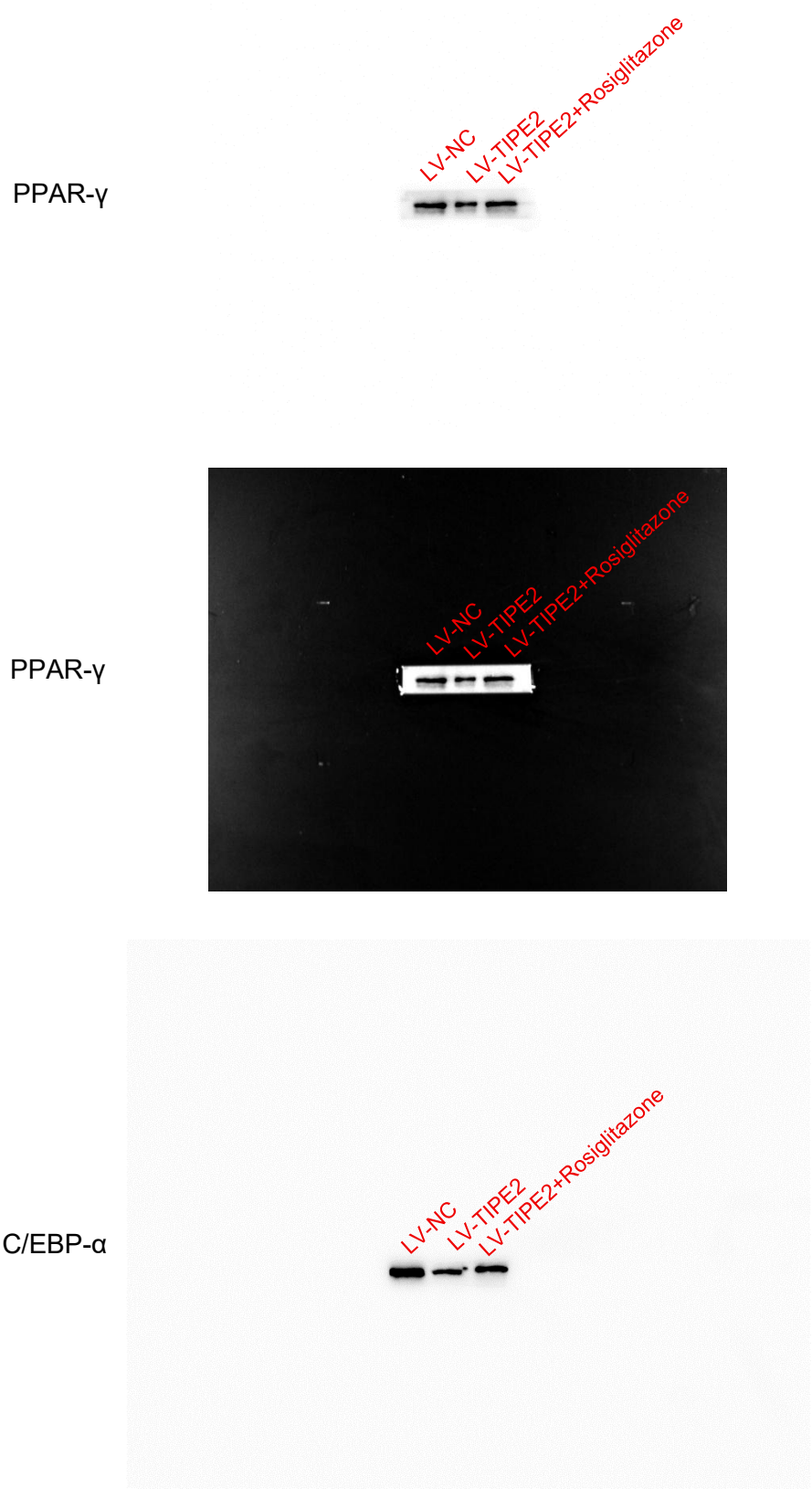
PPAR-γ

	Group A	Group B	Group C
	LV-NC	LV-TIPE2	LV-TIPE2+Rosiglitazone
1	1.05758	0.565700	0.832400000
2	1.07876	0.521310	0.788903200
3	1.07897	0.498971	0.799320000

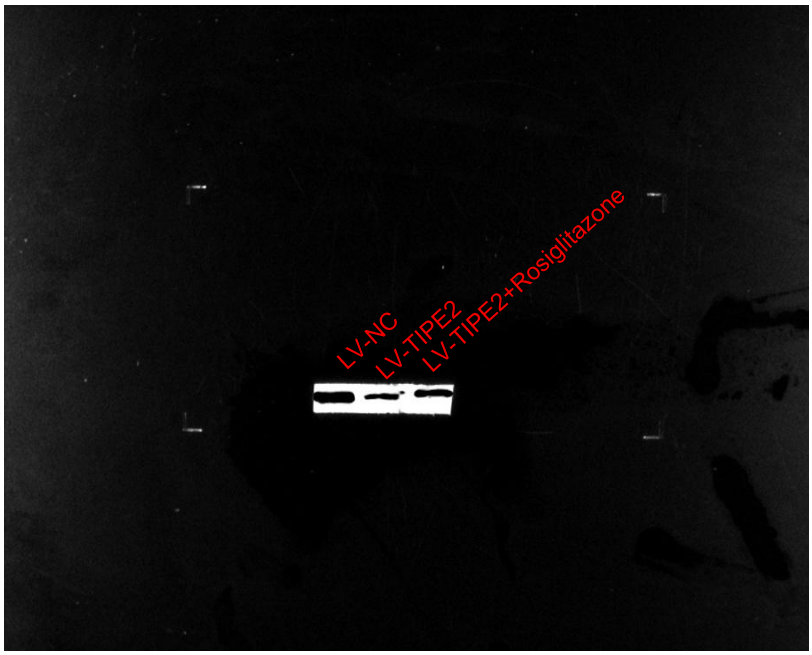
C/EBP-α

	Group A	Group B	Group C
	LV-NC	LV-TIPE2	LV-TIPE2+Rosiglitazone
1	1.05758	0.465700	0.796987000
2	1.07876	0.432131	0.672278687
3	1.07897	0.399877	0.647247868

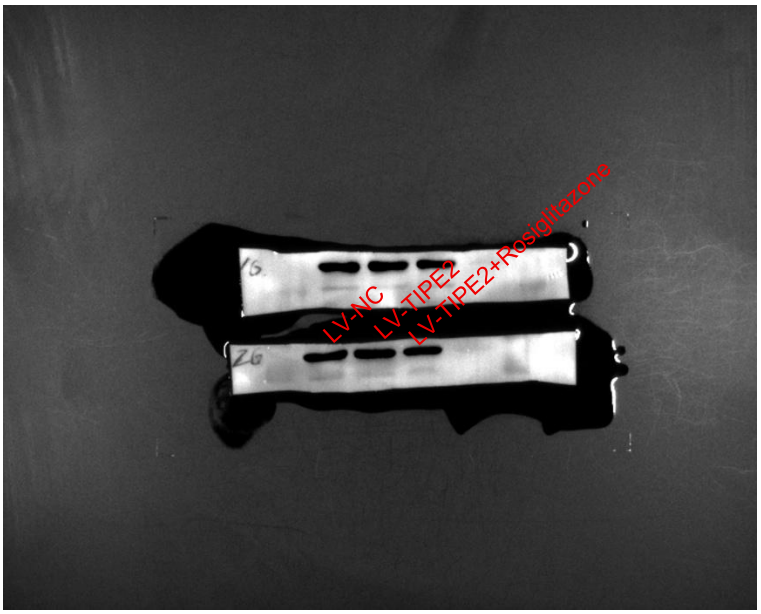
Figure 9F


PPAR-γ
LV-NC
LV-TIPE2
LV-TIPE2+Rosiglitazone
PPAR-γ
LV-NC
LV-TIPE2
LV-TIPE2+Rosiglitazone
C/EBP-α
LV-NC
LV-TIPE2
LV-TIPE2+Rosiglitazone

C/EBP-α



GAPDH



Supplement Figure S3C

PPAR-γ	sh-NC	sh-TIPE2
	0.98892	3.12334
	0.99262	3.08732
	0.99652	2.98732
C/EBP-α	sh-NC	sh-TIPE2
	1.0213	3.7321
	0.9921	3.6342
	0.98235	3.93214

Supplement Figure S3D



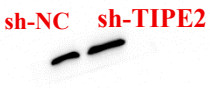




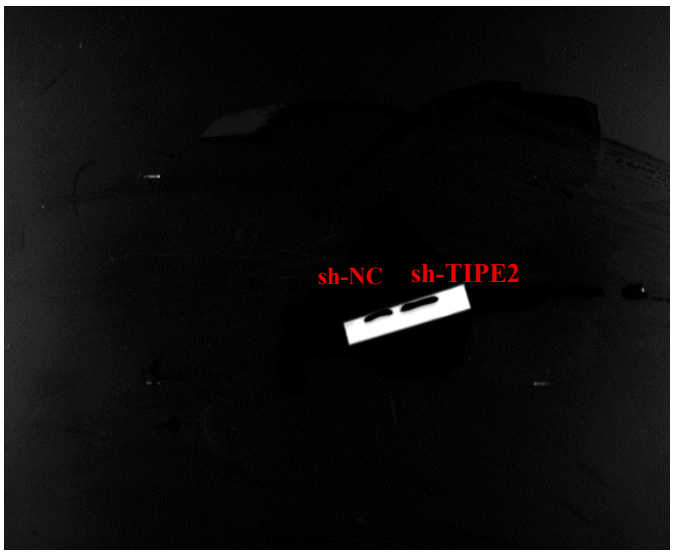
PPAR-γ



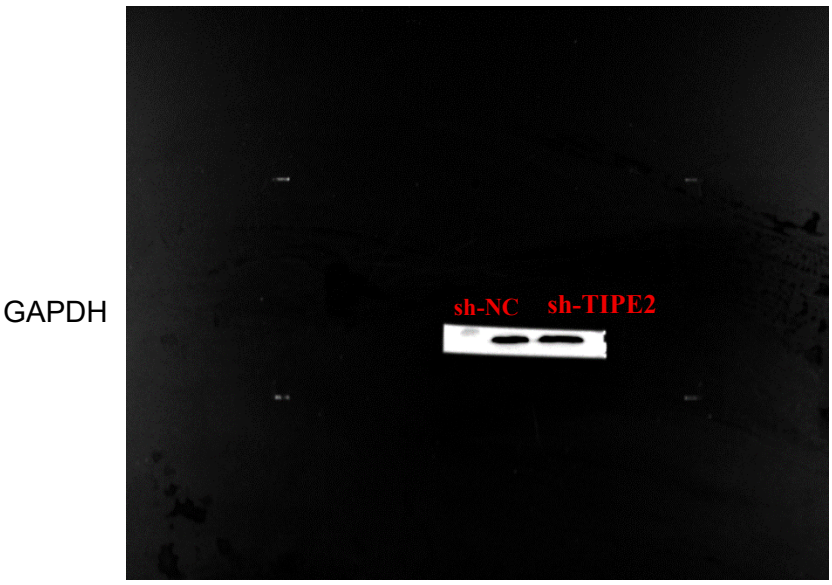
C/EBP-α



C/EBP-α







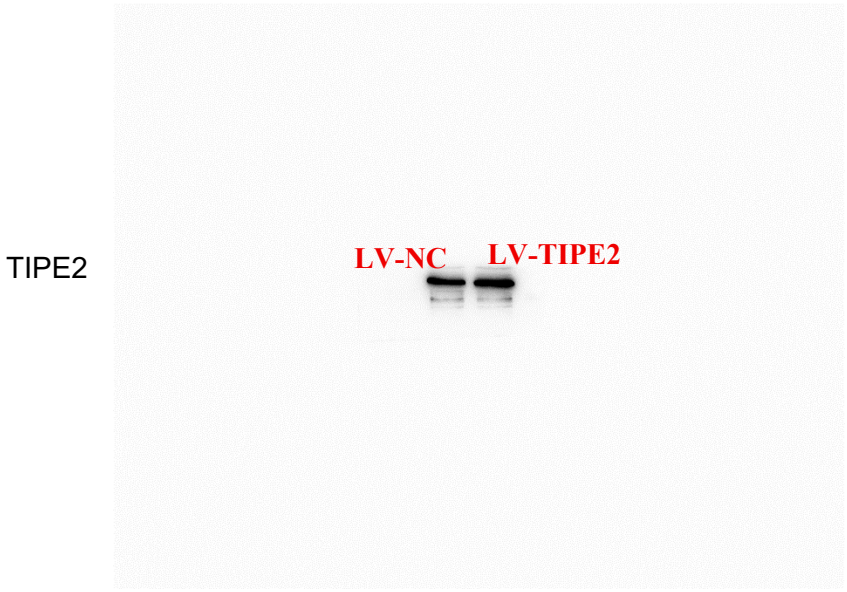
Supplement Figure S3E

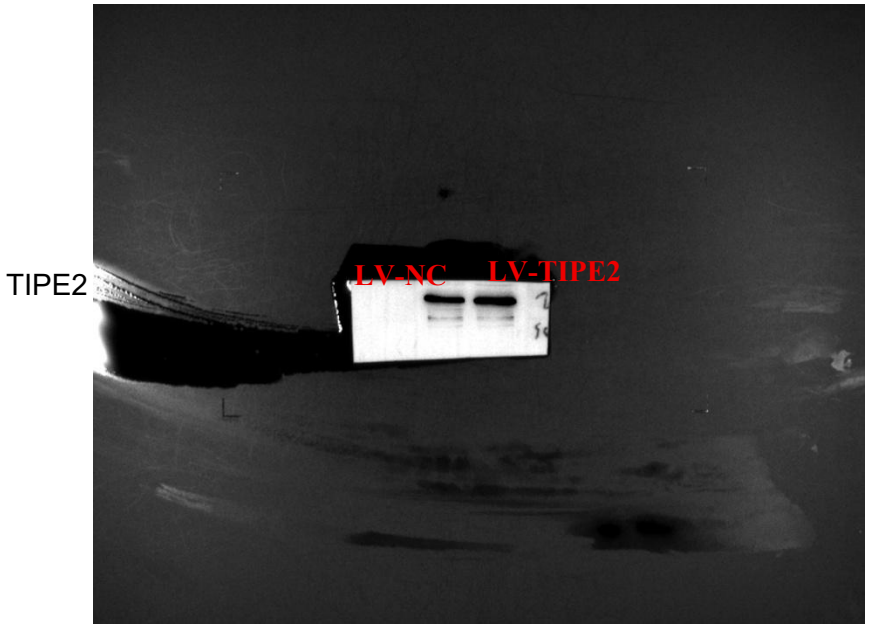
PPAR-γ	LV-NC	LV-TIPE2
	1.02124	0.6223
	1.00323	0.59332
	0.99232	0.61082

C/EBP-α

	LV-NC	LV-TIPE2
	0.9456	0.4823
	0.99721	0.50213
	1.02335	0.5237

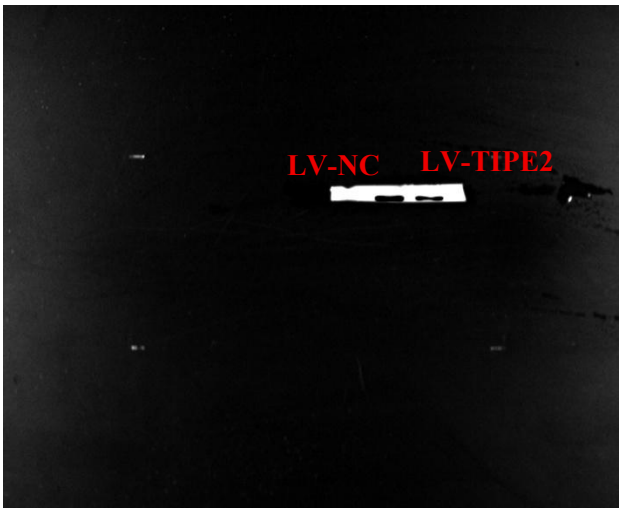
Supplement Figure S3F


TIPE2
LV-NC
LV-TIPE2


TIPE2
LV-NC
LV-TIPE2


PPAR-γ
LV-NC
LV-TIPE2

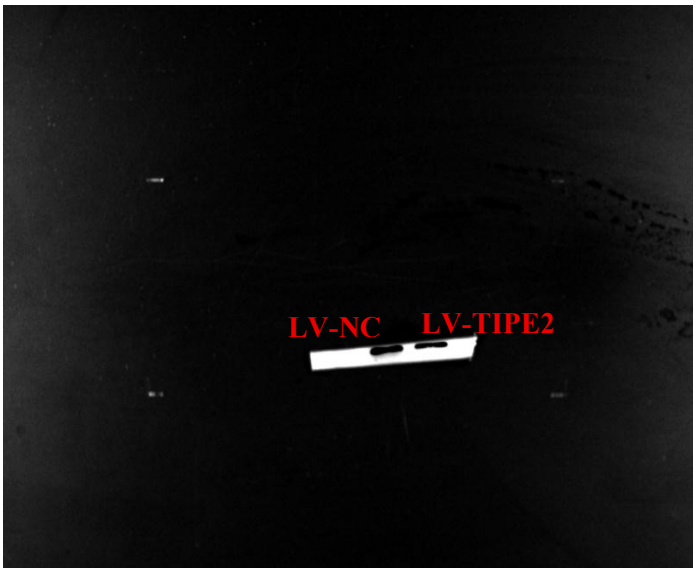
PPAR-γ



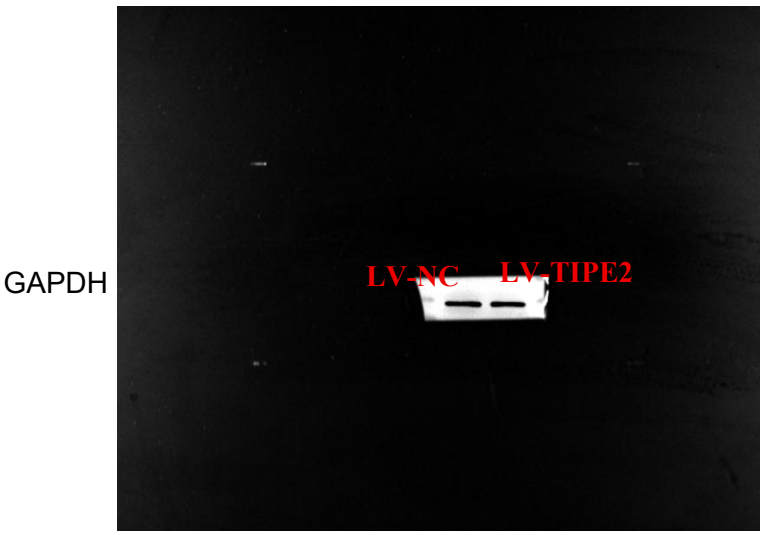
C/EBP-α



C/EBP-α







Supplement Figure S4C

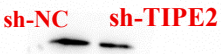
PPAR-γ	sh-NC	sh-TIPE2
	0.9782	2.9732
	0.99823	3.01732
	0.987213	3.046772

C/EBP-α

	sh-NC	sh-TIPE2
	0.99233	3.14422
	0.98232	3.65234
	0.99623	3.35721

Supplement Figure S4D

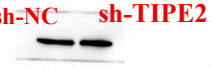
TIPE2



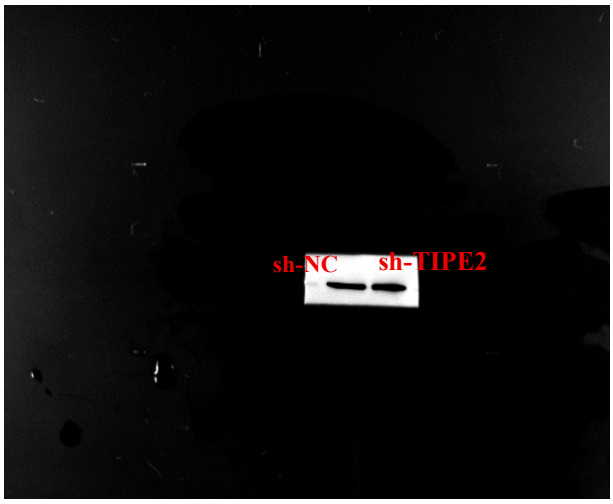
TIPE2



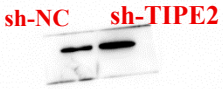
PPAR-γ



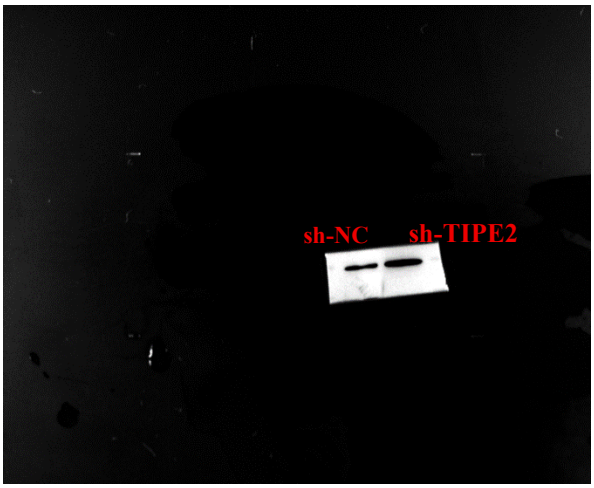
PPAR-γ



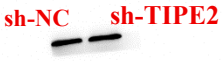
C/EBP-α



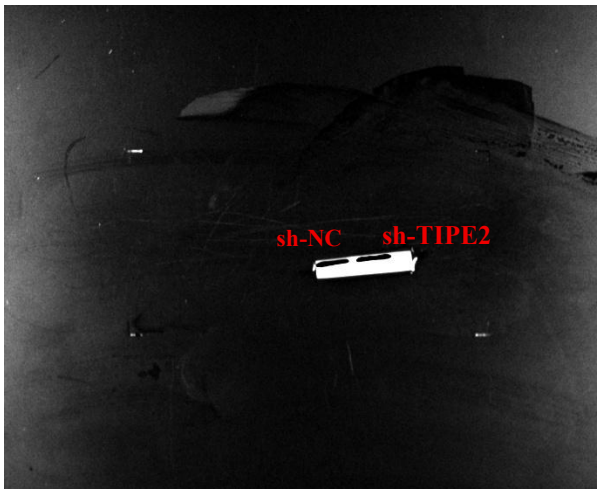
C/EBP-α



GAPDH



GAPDH



Supplement Figure S4E

PPAR-γ	LV-NC	LV-TIPE2
	0.99872	0.7682
	0.98622	0.75892
	0.96893	0.75623

C/EBP-α

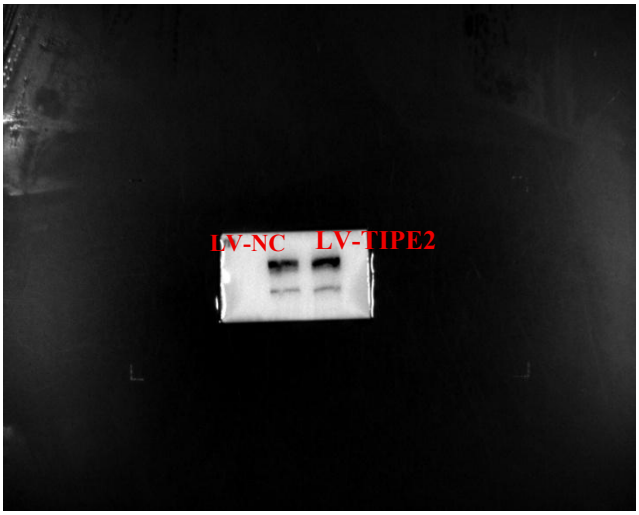
LV-NC	LV-TIPE2
0.99832	0.4572
0.99592	0.47923
0.99723	0.46823

Supplement Figure S4F

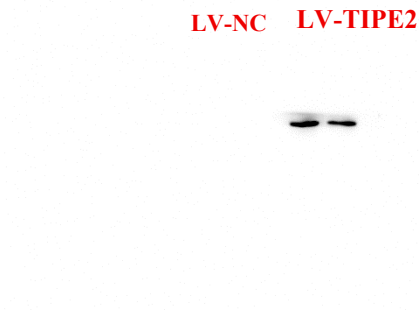
TIPE2



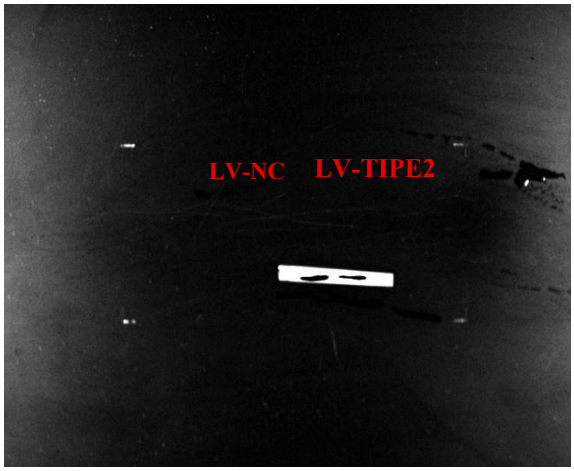
TIPE2



PPAR-γ



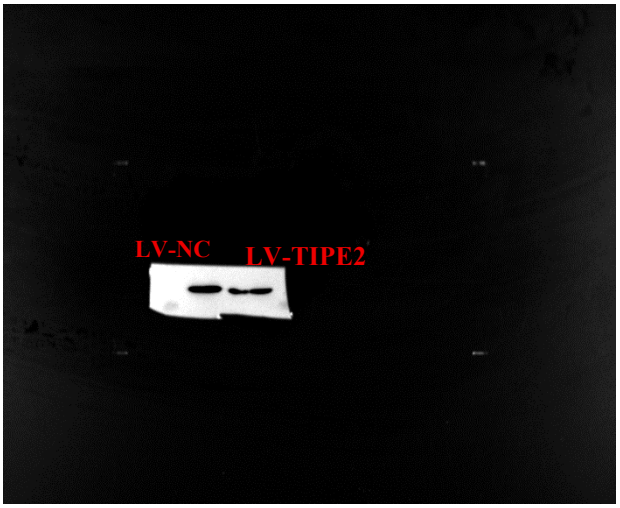
PPAR-γ



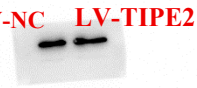
C/EBP-α



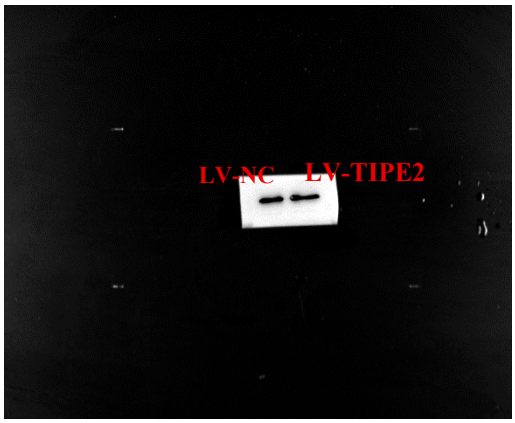
C/EBP-α



GAPDH



GAPDH



Supplement Figure S5A

PPAR-γ

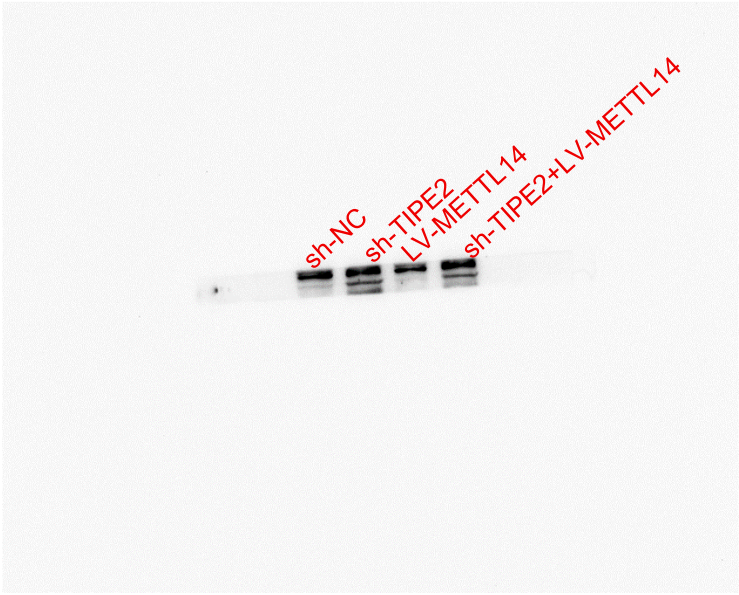
	Group A	Group B	Group C	Group D
	sh-NC	sh-TIPE2	LV-METTL14	sh-TIPE2+LV-METTL14
1	0.9928300	1.46723400000	0.68932000000	1.082321000
2	1.0023200	1.48973200000	0.70823230000	1.078330000
3	0.9967320	1.47892300000	0.69873221000	1.046783230

C/EBP-α

	Group A	Group B	Group C	Group D
	sh-NC	sh-TIPE2	LV-METTL14	sh-TIPE2+LV-METTL14
1	0.9928300	1.688230000	0.57232000	1.023230000
2	1.0023200	1.645620000	0.58782000	1.046230000
3	0.9967320	1.698720000	0.58762300	1.178893000

Supplement Figure S5B

PPAR-γ



PPAR-γ



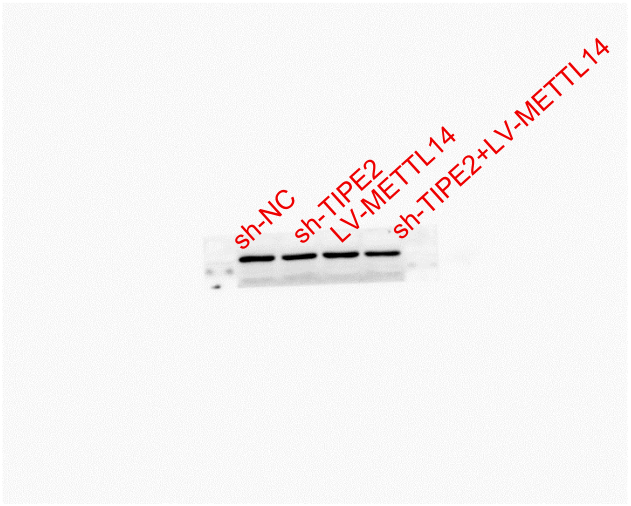
C/EBP-α



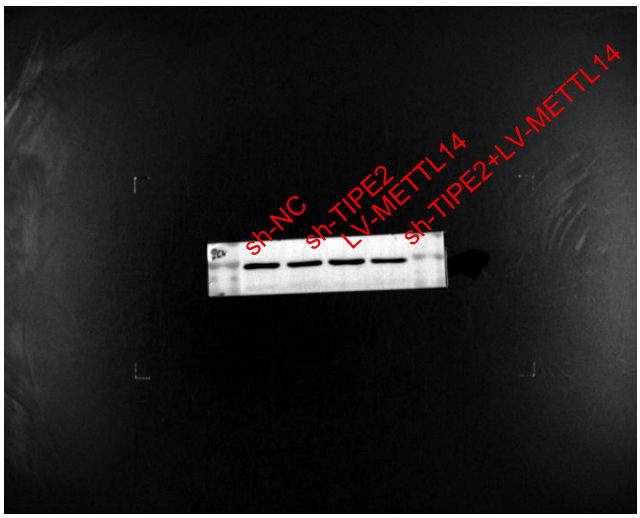
C/EBP-α



GAPDH



GAPDH



Supplement Figure S5C

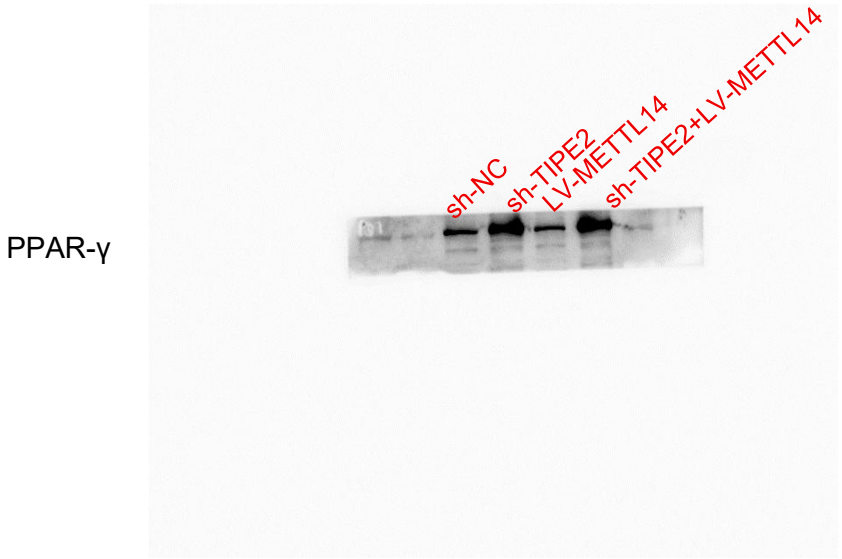
PPAR-γ

	Group A	Group B	Group C	Group D
	sh-NC	sh-TIPE2	LV-METTL14	sh-TIPE2+LV-METTL14
1	0.99833200	1.68832000000	0.78923230000	1.123243200
2	0.98733400	1.65723200000	0.76828320000	1.167883000
3	0.99822320	1.65223000000	0.75732300000	1.179934000

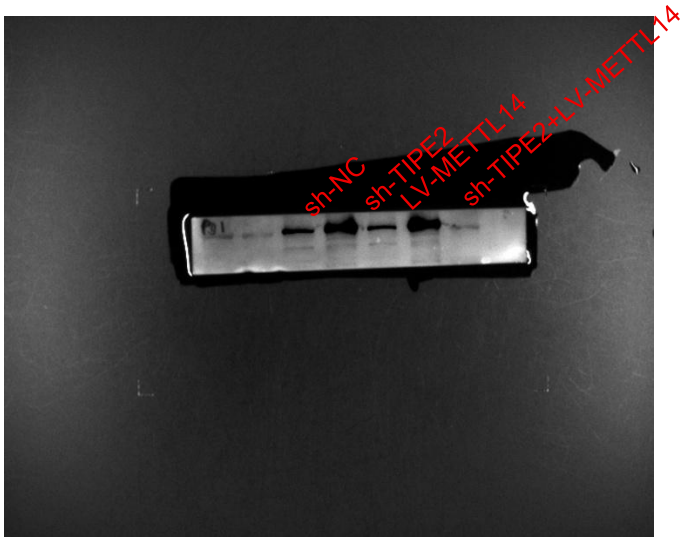
C/EBP-α

	Group A	Group B	Group C	Group D
	sh-NC	sh-TIPE2	LV-METTL14	sh-TIPE2+LV-METTL14
1	0.99833200	1.873323000	0.68832000	1.278932000
2	0.98733400	1.857932000	0.64631200	1.289934000
3	0.99822320	1.867832000	0.64632100	1.267898000

Supplement Figure S5D



PPAR-γ



C/EBP-α



C/EBP-α



GAPDH



GAPDH



Supplement Figure S6A

PPAR-γ

sh-NC	sh-TIPE2	sh-TIPE2+T0070907
0.9997323	3.08232	2.57832
0.996832	3.1138923	2.65732
0.9957323	3.076823	2.598732

C/EBP-α

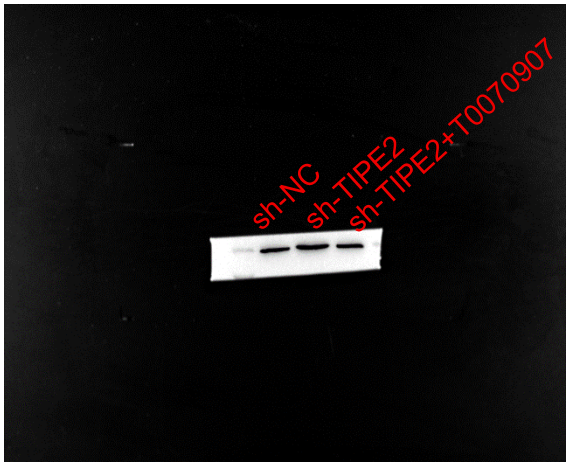
sh-NC	sh-TIPE2	sh-TIPE2+T0070907
0.9997323	4.87232	3.08132
0.996832	4.906234	3.103424
0.9957323	4.9057243	3.0980924

Supplement Figure S6B

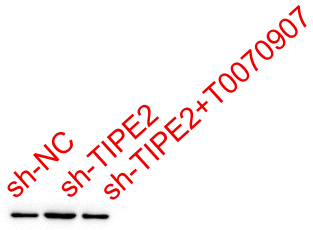
PPAR-γ



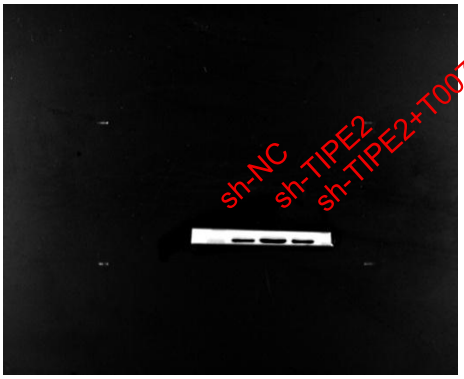
PPAR-γ



C/EBP-α



C/EBP-α



GAPDH



GAPDH



Supplement Figure S6C

PPAR-γ

LV-NC	LV-TIPE2	LV-TIPE2+Rosiglitazone
0.99732	0.46332	0.79323
0.996213	0.486213	0.800323
0.999632	0.486313	0.8002324

C/EBP-α

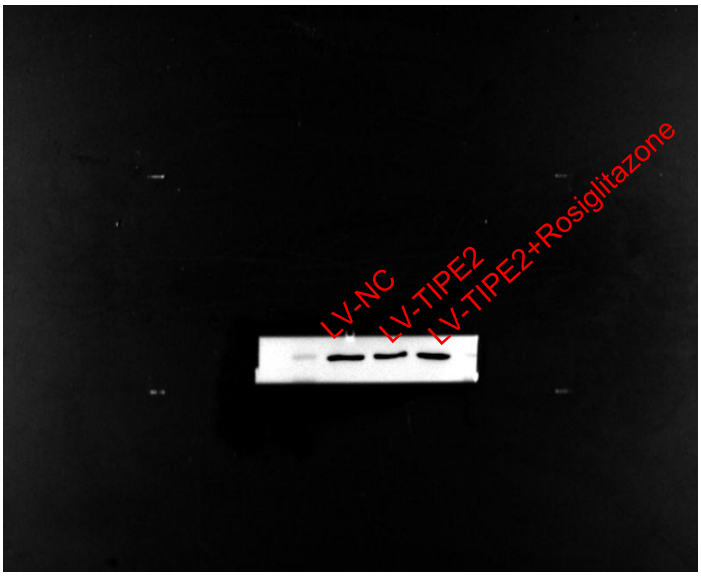
LV-NC	LV-TIPE2	LV-TIPE2+Rosiglitazone
0.99732	0.5003323	0.69323
0.996213	0.501232	0.700323
0.999632	0.508323	0.702734

Supplement Figure S6D

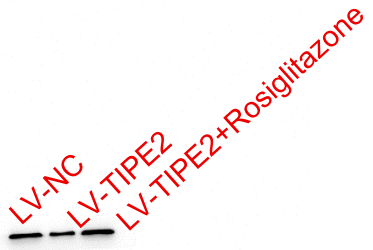
PPAR-γ



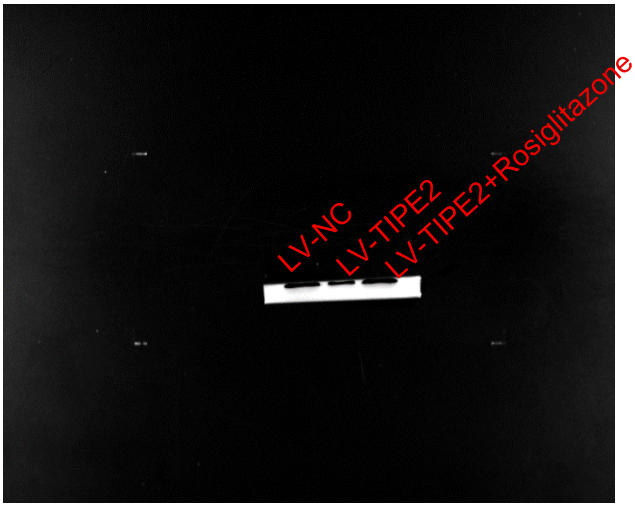
PPAR-γ



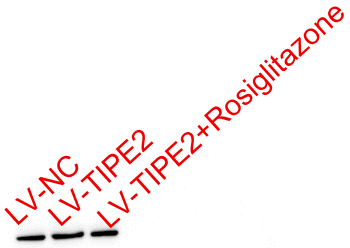
C/EBP-α



C/EBP-α



GAPDH



GAPDH



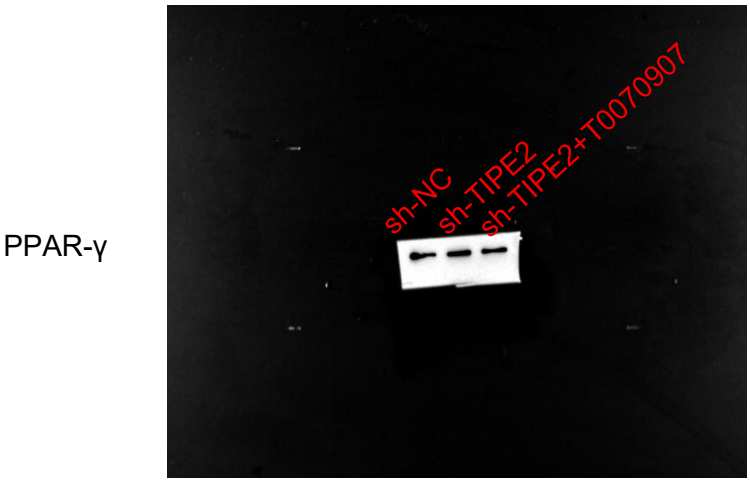
Supplement Figure S6E

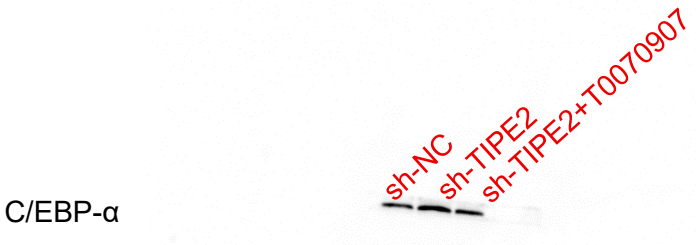
PPAR-γ	sh-NC	sh-TIPE2	sh-TIPE2+T0070907
	1.007323	4.183423	3.001335
	1.001232	4.29832	3.012784
	1.004623	4.189243	3.046324

C/EBP-α	sh-NC	sh-TIPE2	sh-TIPE2+T0070907
	1.007323	4.68823	3.43232
	1.001232	4.638932	3.44823
	1.004623	4.676323	3.458323

Supplement Figure S6F







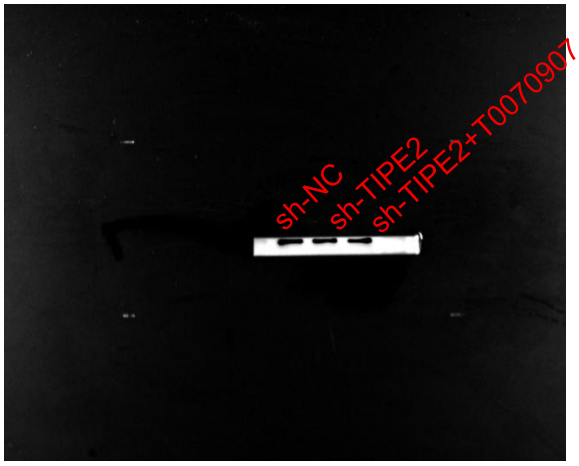
C/EBP-α



GAPDH



GAPDH



Supplement Figure S6G

PPAR-γ	sh-NC	sh-TIPE2	sh-TIPE2+T0070907
	0.9997323	0.62973	0.8632
	0.996832	0.638043	0.85323
	0.9957323	0.62934	0.868324

C/EBP-α	sh-NC	sh-TIPE2	sh-TIPE2+T0070907
	0.9997323	0.62973	0.8632
	0.996832	0.638043	0.85323
	0.9957323	0.62934	0.868324

Supplement Figure S6H

PPAR-γ



PPAR-γ



C/EBP-α



C/EBP-α



GAPDH



GAPDH

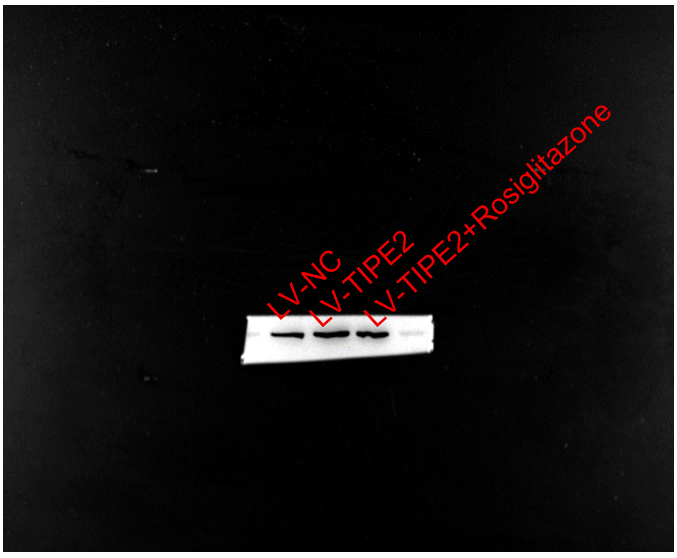
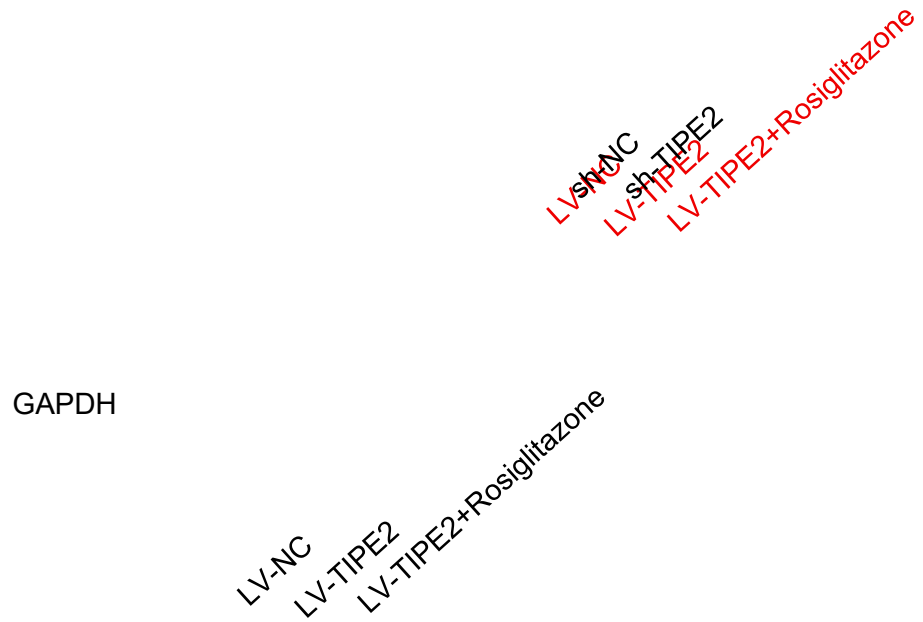


Figure 8


LV-NC
sh-NC
sh-TIPE2
LV-TIPE2
LV-TIPE2+Rosiglitazone
GAPDH
LV-NC
LV-TIPE2
LV-TIPE2+Rosiglitazone