

Comparative Anti-Obesity Potential of Cannabigerol-Dominant *Cannabis sativa* L. Inflorescence Extracts via Differential Regulation of Lipid Metabolism in 3T3-L1 cells

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Supplementary Table S1. UPLC gradient elution conditions

Mobile phases			
A	0.1% formic acid in water		
B	0.1% formic acid in methanol		
C	0.1% formic acid in acetonitrile		
Time (min)	A %	B %	C %
0	27.5	50	22.5
3	27.5	50	22.5
5	26	50	24
10	20	50	30
13	15	40	45
16	15	40	45
16.1	27.5	50	22.5

Supplementary Table S2. Primer sequences used for RT-qPCR analysis

Gene	Primer sequence		Accession number
<i>Pparγ</i>	Forward:	5'-GATGACAGCGACTTGGCAAT -3'	NM_011146
	Reverse:	5'-TGTAGCAGGTTGTCTTGAATGT-3'	
<i>Cebpa</i>	Forward:	5'-CCGTGGTGGTTTCTCCTTGA-3'	NM_007678
	Reverse:	5'-TTTTTGCTCCCCCTACTCGG-3'	
<i>Srebp-1c</i>	Forward:	5'-GCCGGCGCCATGGACGAGCTGGCC-3'	NM_011480
	Reverse:	5'-CAGGAAGGCTTCCAGAGAGGAGGC-3'	
<i>Fas</i>	Forward:	5'-ATCCTGGCTGACGAAGACTC-3'	NM_007988
	Reverse:	5'-TGCTGCTGAGGTTGGAGAG-3'	
<i>Hsl</i>	Forward:	5'-CACTAGTCCCTCCCCCAGTTT-3'	NM_010719
	Reverse:	5'-AGCTGGCACAGCAGGTCTGT-3'	
<i>Atgl</i>	Forward:	5'-CATTCTCAGGCGAGAGTGACAT-3'	NM_001163689
	Reverse:	5'-GACGCGAAGCTCGTGGAT-3'	
<i>Ucp1</i>	Forward:	5'-CATCACCACCCTGGCAAAA-3'	NM_009463
	Reverse:	5'-AGCTGATTTGCCTCTGAATGC-3'	
<i>Pgc-1α</i>	Forward:	5'-TGCAGCGGTCTTAGCACTCA-3'	NM_008904
	Reverse:	5'-CATGAATTCTCGGTCTTAACAATGG-3'	
<i>Gapdh</i>	Forward:	5'-CATCACTGCCACCCAGAAGACTG-3'	NM_008084
	Reverse:	5'-ATGCCAGTGAGCTTCCCGTTCAG-3'	

Supplementary Table S3. List of primary antibodies used for Western blot analysis

Antibody	MW (kDa)	Dilution ratio
PPAR γ	54, 57	1:500
C/EBP α	30, 42	1:500
SREBP-1c	68	1:1000
FAS	48	1:1000
HSL	81, 83	1:1000
p-HSL	81, 83	1:1000
ATGL	54	1:1000
UCP1	33	1:500
PGC-1 α	115	1:1000
β -actin	45	1:1000