

Figure S1. (a) OPLS-DA score and (b) loading plots of B16 cells stimulated with 5×10^{-5} $\mu\text{g/mL}$ α -MSH and 0.2 mg/mL *Dendropanax moribifera* Leveille extract (α -MSH-DLE-0.2) or control.

Table S1. Identified metabolites extracted from B16-F10 cells**amino acid (19)**

L-isoleucine	glycolic acid	L-homoserine
L-Valine	L-proline	glycine
L-Aspartic acid	L-tyrosine	N-acetylserine
L-threonine	pyroglutamic acid	N-acetylglutamic acid
L-serine	L-methionine	L-alanine
4-hydroxyproline	L-glutamic acid	L-phenylalanine
β-alanine		

organic acid (17)

fumaric acid	quinic acid	benzoic acid
threonic acid	pyrophosphate	4-aminobutyric acid
lactic acid	succinic acid	hydroxypropionic acid
malic acid	butyric acid	ureidoisobutyric acid
citric acid	oxalic acid	phthalic acid
uridine 5'-monophosphate	malonic acid	

fatty acid and esters (13)

palmitoleic acid	pentadecanoic acid	capric acid
palmitic acid	heptadecanoic acid	arachidonic acid
octadecenoic acid	tetradecanoic acid	MG(16:0/0:0/0:0)
stearic acid	nonanoic acid	1-monooctadecanoylglycerol
octanoic acid		

sugar and alcohol(14)

ethylene glycol	melezitose	ribitol
creatinine	D-glucitol	erythritol
myo-inositol	D-fructose	1,4-anhydroglucitol
glycerol	D-ribofuranose	
mannitol		
cholesterol		
propylene glycol		

phosphates (4)

L-glycerol-3-phosphate	3-phosphoglyceric acid	monomethylphosphate
phosphoric acid		

amines (6)

ethanolamine	hydroxylamine	dopamine
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niacinamide

putrescine

propanamide

others (6)

tetradecane

n-pentadecane

heneicosane

octadecane

urea

2-oxazolidinone
