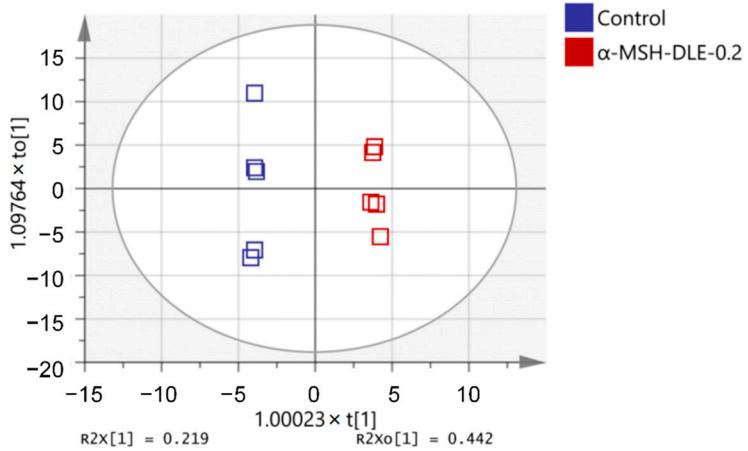
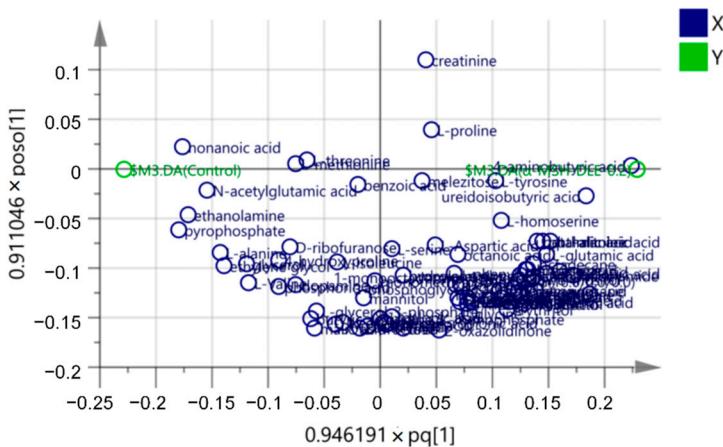


## **Supporting Information**

a



b



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

**Table S1.** Identified metabolites extracted from B16-F10 cells

<b>amino acid (19)</b>		
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		
<b>organic acid (17)</b>		
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	
<b>fatty acid and esters (13)</b>		
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-
octanoic acid		monoctadecanoylglycerol
<b>sugar and alcohol(14)</b>		
ethylene glycol	melezitose	ribitol
creatinine	D-glucitol	erythritol
myo-inositol	D-fructose	1,4-anhydroglucitol
glycerol	D-ribofuranose	
mannitol		
cholesterol		
propylene glycol		
<b>phosphates (4)</b>		
L-glycerol-3-phosphate	3-phosphoglyceric acid	monomethylphosphate
phosphoric acid		
<b>amines (6)</b>		
ethanolamine	hydroxylamine	dopamine

niacinamide	putrescine	propanamide
<b>others (6)</b>		
tetradecane	n-pentadecane	heneicosane
octadecane	urea	2-oxazolidinone

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