

# Supplementary materials

for

## Differential Disruption of Glucose and Lipid Metabolism Induced by Phthalates in Human Hepatocytes and White Adipocytes

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### Chemicals Information

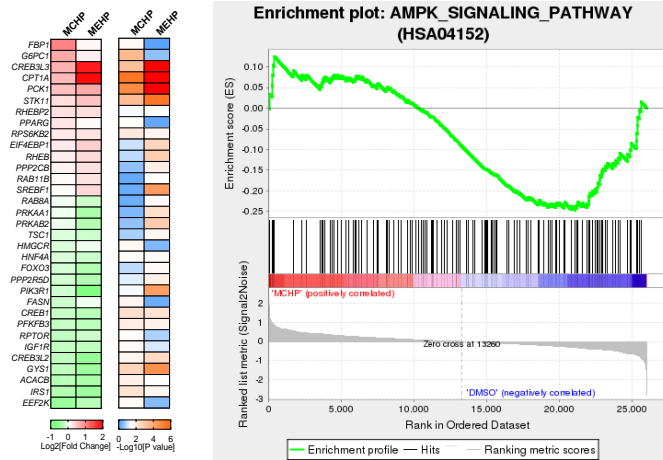
Phthalate	Abbreviation	CAS number	Cat number
Di(2-ethylhexyl) phthalate	DEHP	117-81-7	ALR-097N
Monoethylhexyl phthalate	MEHP	4376-20-9	ALR-138N
Dicyclohexyl phthalate	DCHP	84-61-7	ALR-099N
Monocyclohexyl phthalate	MCHP	7517-36-4	ALR-178N

**Table S1.** Chemicals Information

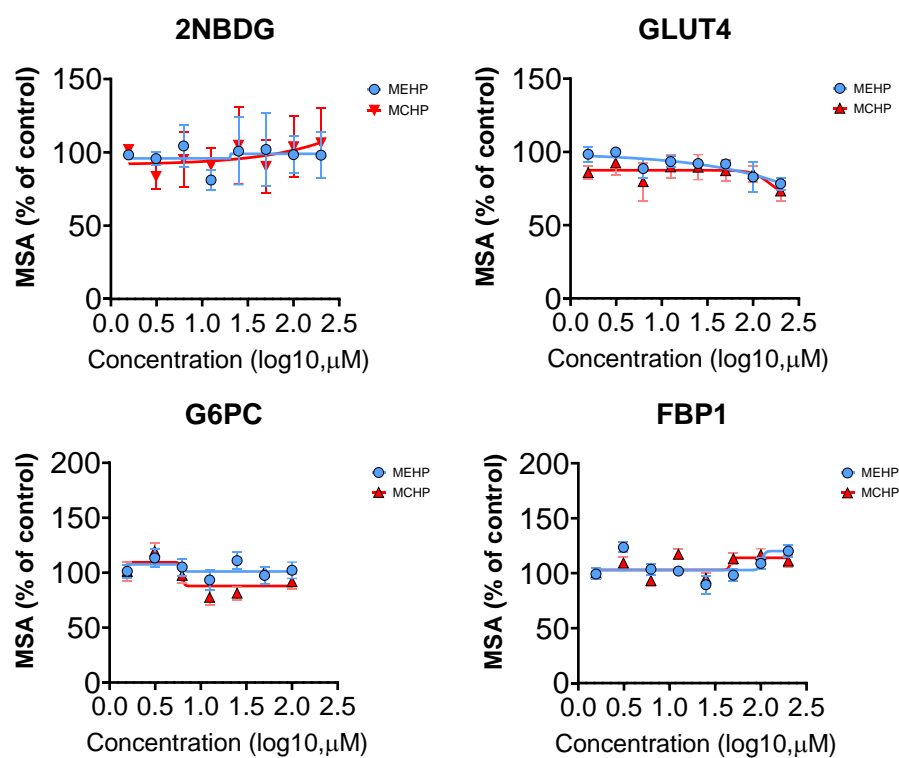
Regent Information			
Regent	CAS number	Cat number	Brand
Calcium pantothenate	137-08-6	C8731-25G	Sigma Aldrich
Human insulin	11061-68-0	HY-P0035	MCE
Biotin	58-85-5	B4639-100mg	Sigma Aldrich
Dexamethasone	50-02-2	D4902-25mg	Sigma Aldrich
Indomethacin	53-86-1	I7378-10G	Sigma Aldrich
Isobutylmethylxanthine	28822-58-4	I5879-100mg	Sigma Aldrich
3,3',5-Triiodo-L-thyronine	6893-02-3	T2877-100MG	Sigma Aldrich
GW6471	880635-03-0	HY-15372	MCE
GSK3787	188591-46-0	HY-15577	MCE
T0070907	313516-66-4	2301	R&D
Rosiglitazone	122320-73-4	71740	Cayman

**Table S2.** Regent Information

## AMPK signaling pathway



**Figure S1.** DEGs and GSEA of AMPK signaling pathway.



**Figure S2.** The effects of MEHP and MCHP on glucose metabolism in MA cells.