

The scaffold protein Tks4 is required for the differentiation of mesenchymal stromal cells (MSCs) into adipogenic and osteogenic lineages

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Supplementary table S2.

List of examined genes of the adipo-differentiated MSCs including gene symbols, short description of the gene functions and assay IDs used by TaqMan Array Plates30.

Gene symbols:	Descriptions:	Assay ID
Transcription factors:		
Srebf1	Sterol regulatory element binding transcription factor 1	Mm01138344_m1
Lxra	Nr1h3 Liver X Receptor-Alpha,	Mm00443451_m1
Ppard	NR1C2 Peroxisome Proliferator Activator Receptor delta	Mm01305433_m1
Pparg	NR1C3 Peroxisome Proliferator Activated receptor gamma	Mm01184322_m1
Sterol metabolism:		
Abca1	CERB ATP-binding cassette transporter A1	Mm01350760_m1
Lpl	Lipoprotein Lipase	Mm00434770_m1
Cd36	Cd36 scavenger receptor	Mm00432403_m1
Hmgcs1	HMG-CoA-Synthase 1	Mm00524111_m1
Insig1	Insulin induced gene 1	Mm00463389_m1
Stard4	START domain containing 4	Mm00505395_m1
Acat1	MAT Acetyl-Coenzyme A acetyltransferase 1	Mm00507463_m1
Fatty acid metabolism and lipid droplet formation:		
GK	Glycerol Kinase	Mm00433896_m1
Acadvl	Acyl-Coenzyme A dehydrogenase, very long chain	Mm00444296_m1
FABP4	ALBP Fatty acid binding protein 4	Mm00445878_m1
FABP5	EFABP Fatty acid binding protein 5	Mm00783731_s1
FADS1	LLCDL1 Fatty acid desaturase 1	Mm00507605_m1
FADS2	LLCDL2 Fatty acid desaturase 2	Mm00517221_m1
FADS3	LLCDL3 Fatty acid desaturase 3	Mm00517643_m1
Scd1	FADS5 Stearoyl-CoA desaturase	Mm00772290_m1
Hadhb	MTPB Hydroxyacyl-Coenzyme A dehydrogenase beta subunit	Mm00523880_g1
Ucp2	BMIQ4 Uncoupling protein 2	Mm00627599_m1
Adfp	Plin2 Adipose Differentiation-Related Protein, Adipophilin	Mm00475794_m1
Pla2g4a	CPLA2 Phospholipase A2, group IVA	Mm00447040_m1
Ltc4s	Leukotriene C4 synthase	Mm00521864_m1
Alox12	Arachidonate 12-lipoxygenase	Mm00545833_m1
Alox5ap	FLAP Arachidonate 5-lipoxygenase-activating protein	Mm00802100_m1