

Unraveling the Role of Hepatic PGC1 α in Breast Cancer Invasion: A New Target for Therapeutic Intervention?

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Supplementary Table S1. Silencing of PGC1 α gene in BC cells by transfection using Lipofectamine RNAiMAX

S.No	Gene	Sequence	
		Sense (5'-3')	Antisense (5'-3')
1	PGC1 α	GCUCGGAGCUUCUCAAUATT	UAUUUGAGAAGCUCCGAGCTT
2	PGC1 α	GGACAGUGAUUUCAGUAAUTT	AUUACUGAAAUCACUGUCCTT
3	PGC1 α	GCACGCAAUCCUAUUCAUUTT	AAUGAAUAGGAUUGCGUGCTT
4	NC	UUCUCCGAACGUGUCACGUTT	ACGUGACACGUUCGGAGAATT

Supplementary Table S2. List of antibodies used in the study

Antibodies	Catalog number	Source	Dilution	Company Name
Primary antibodies				
ACC	Cat# A15606	Rabbit	1:500	Abclonal
Akt	Cat# A18120	Rabbit	1:200	Abclonal
BAX	Cat# A19684	Rabbit	1:200	Abclonal
Bcl2	Cat# A19693	Rabbit	1:200	Abclonal
Casp3	Cat# A17900	Mouse	1:200	Abclonal
Casp9	Cat# A11910	Rabbit	1:200	Abclonal
Cleaved Casp 3	Cat# A22869	Rabbit	1:200	Abclonal
COX-2	Cat# A1253	Rabbit	1:1000	Abclonal
CPT1	Cat# A5307	Rabbit	1:500	Abclonal
Cyt C	Cat# A13430	Rabbit	1:200	Abclonal
E-cad	Cat# A18135	Mouse	1:200	Abclonal
ERK1/2	Cat# A10613	Mouse	1:200	Abclonal
ERR α	Cat#A14184	Rabbit	1:50	Abclonal
FABP-L	Cat# A11213	Rabbit	1:500	Abclonal
FAS	Cat# A0461	Rabbit	1:500	Abclonal
GAPDH	Cat# 2118 s	Rabbit	1:1000	Cell Signaling Technology
IL-6	Cat# A0286	Rabbit	1:200	Abclonal
Ki67	Cat# A11390	Rabbit	1:200	Abclonal
LPL	Cat# A4115	Rabbit	1:200	Abclonal

MMP2	Cat# A6247	Rabbit	1:200	Abclonal
MMP9	Cat# A0289	Rabbit	1:200	Abclonal
mTOR	Cat# A2445	Rabbit	1:200	Abclonal
N-cad	Cat# A0433	Rabbit	1:200	Abclonal
NFκB	Cat# A3108	Rabbit	1:200	Abclonal
PARP1	Cat# A19596	Rabbit	1:200	Abclonal
PCNA	Cat# A12427	Rabbit	1:200	Abclonal
pERK1/2	Cat# AP0472	Rabbit	1:200	Abclonal
PGC1α	Cat# PA572948	Rabbit	1:200	Life Technologies
PI3K	Cat# A19742	Rabbit	1:200	Abclonal
RAS	Cat# A19638	Rabbit	1:200	Abclonal
SCD1	Cat# A16429	Rabbit	1:200	Abclonal
TNF-α	Cat# ab183218	Rabbit	1:200	Abcam
Vimentin	Cat# A11423	Rabbit	1:200	Abclonal
α-SMA	Cat# A17910	Rabbit	1:200	Abclonal
β-actin	Cat# ab8226	Mouse	1:500	Abcam
β-catenin	Cat# A11512	Rabbit	1:200	Abclonal
Secondary antibodies				
Mouse	Cat# 7076	Horse	1:500	Cell Signaling Technology
Rabbit	Cat# 7074	Goat	1:500	Cell Signaling Technology