

Table S2: Genes with two-fold downregulation in A549-I29 as compared to A549-EV11

Gene symbol	Gene product	Membrane protein	Secreted protein	A549-EV11 vs A549-plgR29 p values
	Function			
CP	Ceruloplasmin (ferroxidase)		Yes	0,00000
VAMP8	Vesicle-associated membrane protein 8 (endobrevin)	Yes		0,00000
CNTN1	Contactin 1	Yes		0,00000
OLFML3	Olfactomedin-like 3		Yes	0,00000
HPS3; CP	Hermansky-Pudlak syndrome 3; Ceruloplasmin (ferroxidase)			0,00000
FBXW2	F-box and WD-40 domain protein 2			0,00001
TNFAIP6 (TSG6)	Tumor necrosis factor, alpha-induced protein 6		Yes	0,00001
CSPG2	Chondroitin sulfate proteoglycan 2 (versican)		Yes	0,00001
NTRK3	Neurotrophic tyrosine kinase, receptor, type 3	Yes		0,00001
SELENBP1	Selenium binding protein 1; selenium binding protein 1	Yes		0,00001
KIAA0960 (THSD7A)	KIAA0960 protein (thrombospondin, type I, domain containing 7A)	Yes		0,00001
BTBD11	BTB (POZ) domain containing 11	Yes		0,00001
CDH1	Cadherin 1, type 1, E-cadherin (epithelial)	Yes		0,00001
UNQ830	ASCL830	Yes		0,00001
RHOBTB1	Rho-related BTB domain containing 1			0,00002
RASEF	RAS and EF-hand domain containing			0,00002
CA12	Carbonic anhydrase XII	Yes		0,00003
NOTCH3	Notch homolog 3 (Drosophila)	Yes		0,00003
CA11	Carbonic anhydrase XI		Yes	0,00003
GARNL4	GTPase activating Rap/RanGAP domain-like 4			0,00004
CD14	CD14 antigen; monocyte differentiation antigen CD142	Yes		0,00005
CPLX2	Complexin 2			0,00005
PLD5	Phospholipase D family, member 5	Yes		0,00005
KCNV1	Potassium channel, subfamily V, member 1	Yes		0,00006
RNASE4	Ribonuclease, RNase A family, 4		Yes	0,00007
VAV3	Vav 3 oncogene	Yes		0,00007
FA2H	Fatty acid 2-hydroxylase	Yes		0,00007
EGLN3	Egl nine homolog 3 (C. elegans)			0,00007
DF	D component of complement (adipsin)		Yes	0,00009
DAPK1	Death-associated protein kinase 1			0,00009
PPARGC1A	Peroxisome proliferative activated receptor, gamma, coactivator 1, alpha			0,00014
MTAC2D1 (TC2N)	Membrane targeting (tandem) C2 domain containing 1			0,00014
C14orf147	Chromosome 14 open reading frame 147	Yes		0,00022
FN1	Fibronectin 1		Yes	0,00025
AQP3	Aquaporin 3	Yes		0,00033
MGC34646	Hypothetical protein MGC34646			0,00035
AKR1C1	Aldo-keto reductase family 1, member C1			0,00038
RTN4RL2	Reticulon 4 receptor-like 2	Yes		0,00041
FGA	Fibrinogen alpha chain		Yes	0,00088
MUC5B	Mucin 5, subtype B, tracheobronchial		Yes	0,00094