

**Table S1: Genes with two-fold upregulation in A549-I29 as compared to A549-EV11**

Gene symbol	Gene product	A549-EV11 vs A549-plgR29			
		Function	Membrane protein	Secreted protein	p values
PDCD1LG1 (CD274)	Programmed cell death 1 ligand 1 (CD274 antigen)		Yes		0,00000
ZNF432	Zinc finger protein 432				0,00000
TRPM6	Transient receptor potential cation channel, subfamily M, member 6		Yes		0,00001
UGT8	UDP glycosyltransferase 8 (UDP-galactose ceramide galactosyltransferase)		Yes		0,00004
RSAD2	Radical S-adenosyl methionine domain containing 2		Yes		0,00008
ODZ2	Odz, odd Oz/ten-m homolog 2 (Drosophila)		Yes		0,00008
LOC399959	Hypothetical gene supported by BX647608				0,00011
IL24	Interleukin 24			Yes	0,00019
HS6ST2	Heparan sulfate 6-O-sulfotransferase 2		Yes		0,00019
RAB3B	RAB3B, member RAS oncogene family		Yes	Yes	0,00025
FLJ22662	Hypothetical protein FLJ22662			Yes	0,00027
BDNF	Brain-derived neurotrophic factor opposite strand			Yes	0,00032
BCAT1	Branched chain aminotransferase 1, cytosolic				0,00037
EMP1	Epithelial membrane protein 1		Yes		0,00043
SLC16A14	Solute carrier family 16 (monocarboxylic acid transporters), member 14		Yes		0,00047
KRT19	Keratin 19				0,00049
ARG99 (TMTC1)	Transmembrane and tetratricopeptide repeat containing 1		Yes		0,00070
ESRRG	Estrogen-related receptor gamma				0,00071
SNAI2	Snail homolog 2 (Drosophila)				0,00079
C1orf24	Chromosome 1 open reading frame 24				0,00115
GATA3	GATA binding protein 3				0,00170
SPARC	Secreted protein, acidic, cysteine-rich (osteonectin); basement-membrane protein 40			Yes	0,00174
SLC1A3	Solute carrier family 1 (glial high affinity glutamate transporter), member 3		Yes		0,00206
PLCB4	Phospholipase C, beta 4				0,00327
NDN	Necdin homolog (mouse)				0,00346
TLE4	Transducin-like enhancer of split 4 (E(sp1) homolog, Drosophila)				0,00368
FLI1	Friend leukemia virus integration 1				0,00382
NEXN	Nexilin (F actin binding protein)			Yes	0,00407
MAP3K14	Mitogen-activated protein kinase 14				0,00462
GFRA1	GDNF family receptor alpha 1		Yes		0,00488
JUN	v-jun sarcoma virus 17 oncogene homolog (avian)				0,00495
TOX	Thymus high mobility group box protein TOX				0,00501
DIO2	Deiodinase, iodothyronine, type II		Yes		0,00501
ZNF573	Zinc finger protein 573				0,00549
CYR61	Cysteine-rich, angiogenic inducer, 61			Yes	0,00731
CEACAM6	Carcinoembryonic antigen-related cell adhesion molecule 6		Yes		0,00750
COL13A1	Collagen, type XIII, alpha 1		Yes		0,00939
CA8	Carbonic anhydrase VIII				0,01014
TFPI2	Tissue factor pathway inhibitor 2			Yes	0,01037
NS3TP2 (GRAMD3)	HCV NS3-transactivated protein 2 (GRAM domain-containing protein 3)				0,01071
LYPD1	LY6/PLAUR domain containing 1		Yes		0,01438
LY6K	Lymphocyte antigen 6 complex, locus K		Yes	Yes	0,02065
PIGR	Polymeric immunoglobulin receptor		Yes		0,02308
PPAP2B	Phosphatidic acid phosphatase type 2B		Yes		0,02606
EGR1	Early growth response 1				0,02826