

S2 Text

List of primers used for qPCR amplification of target genes

Protein Kinase A Activation Promotes Cancer Cell Resistance to Glucose Starvation and *Anoikis*

Roberta Palorini^{1,2,3}¶, Giuseppina Votta^{1,2}¶, Yuri Pirola⁴, Humberto De Vitto¹, Sara De Palma⁵, Cristina Airoidi¹, Michele Vasso⁵, Francesca Ricciardiello¹, Pietro Paolo Lombardi¹, Claudia Cirulli¹, Raffaella Rizzi⁴, Francesco Nicotra¹, Karsten Hiller³, Cecilia Gelfi^{5,6}, Lilia Alberghina^{1,2}, Ferdinando Chiaradonna^{1,2*}

Table A: List of primers used for qPCR of target genes in Normal and Transformed cells

Primer	Forward (5'→3')	Reverse (5'→3')
<i>I8S</i>	ttgacggaagggcaccacca	gcaccaccaccacggaatcg
<i>HSPA5</i>	agtgggtggcactaatggag	caatccttgcttgatgctga
<i>DDIT3</i>	catacaccaccacactgaaag	ccgtttcctagtctctcctgc
<i>Xbp1</i>	ctgacgaggttcagaggtg	agcagactctggggaaggac
<i>ATF4</i>	tcgatgctctgttcgaatg	ggcaacctggtcgacttta
<i>TRIB3</i>	gatgccaagtgtccagtct	cttgctctggtccaaaagg
<i>PPP1R15A</i>	aggaccccgagattcctcta	cctggaatcaggggtaaggt
<i>Slc1a5</i>	gactctgttagaccctg	cagagaagctggaccatggt
<i>GLS</i>	gctgtgctctattgaagtgaca	ttgggcagaaaccaccatta
<i>GOT1</i>	ccatctttgtcctccatgcct	agcccgaagtcttgagaagg
<i>IDH1</i>	gctggcctttgtatctcage	ctgactgcacatccccatcgt
<i>GSS</i>	ggttctctggacaaaaccga	caccttctagtcccagcca

Table B: List of primers used for qPCR of target genes in MDA-MB-231 and MIA PaCa-2 cells

Primer	Forward (5'→3')	Reverse (5'→3')
<i>ACTIN</i>	tcatgaagtgtgacgttgaca	cctagaagcatttgcggtgac
<i>HSPA5</i>	cggctactatgaagcccg	catctgggtttatgccacgg
<i>DDIT3</i>	ccactcttgaccctgcttct	tggttctcccttggttctcc
<i>Slc1a5</i>	tgcgtggaggagaataatgg	ggatgatggccagagtgagga
<i>GLS</i>	tggtggcctcaggtgaaaat	ccaagctaggtaacagaccctggtt
<i>GOT1</i>	ggagcagtggaagcagattgc	agcccgaagtcttgagaagg
<i>IDH1</i>	tggctctgtctaaggggttg	accatgctgctgatgagcct
<i>GSS</i>	ggaacatccatgtgatccgacga	ccttcttagtcccagccagct