Protein	LNZ308 Hypoxia	LNZ308 Normoxia	SNB19 Hypoxia	SNB19 Normoxia	U87 Hypoxia	U87 Normoxia	U251 Hypoxia	U251 Normoxia	LN229 Hypoxia	LN229 Normoxia	GL >50% Change	MDA231 Hypoxia	MDA231 Normoxia	OVCAR5 Hypoxia	OVCAR5 Normoxia	MiaPaCa Hypoxia	MiaPaCa Normoxia	MDA468 Hypoxia	MDA468 Normoxia	SKOV3 Hypoxia	SKOV3 Normoxia	MCF7 Hypoxia	MCF7 Normoxia	AC >50% Change	FC, 3D-2D Medium
GL-specific																									
COX2	0	-1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	-1	0	1	1	0		1.5
Cyclin D1	1	-1	-1	-1	-1	-1	0	0	-1	0	-1	0	0	0	0	0	0	0	-1	0	0	-1	0	0	-1.2
MSH2	-1	0	0	0	-1	-1	-1	0	-1	-1	-1	0	0	0	0	0	1	0	1	-1	-1	0	0	0	-1.1
Rb	0	1	-1	-1	-1	-1	-1	0	-1	0	-1	0	0	-1	0	0	0	0	-1	-1	-1	0	0	0	-1.3
S6(Ser235)	0	-1	-1	-1	-1	-1	-1	0	0	-1	-1	-1	-1	0	-1	1	0	-1	-1	0	-1	0	1		-1.6
S6(Ser240)	1	-1	-1	-1	-1	0	-1	0	0	-1	-1	-1	-1	0	-1	1	1	-1	-1	0	-1	1	1		-1.5
STAT3(Thr727)	0	1	1	1	0	0	1	1	1	1	1	1	0	0	1	0	0	1	1	0	0	0	0	0	1.2
AC-specific																									
14-3-3-Z	0	-1	1	1	0	0	1	0	1	0		1	1	1	1	1	1	0	0	0	0	1	0	1	1.2
ACC(Ser79)	0	-1	0	0	0	0	0	1	1	1	0	0	1	1	1	0	1	0	1	0	0	1	1	1	1.2
Annexin 1	-1	-1	1	1	0	-1	1	-1	0	-1		1	1	1	1	1	1	0	-1	1	1	0	-1	1	1.4
B-RAF	0	-1	0	0	0	0	1	0	1	0	0	1	1	1	1	0	1	1	1	0	0	1	1	1	1.3
Caspase7	-1	0	1	1	0	0	1	0	1	0		1	1	1	1	1	1	1	1	1	1	1	-1	1	1.5
EGFR	0	0	0	0	-1	0	-1	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	1	-1	-1	0	-1	-1	-1.4
ER(Ser118)	1	1	-1	-1	0	1	-1	0	-1	-1		1	1	-1	-1	-1	-1	-1	-1	-1	-1	0	-1	-1	-2.3
FOXO3	0	0	1	1	0	0	1	0	1	1		1	1	1	1	1	1	0	0	1	1	0	0	1	1.4
FOXO3α(Ser318)	0	0	-1	-1	0	0	0	0	0	0	0	-1	0	-1	-1	-1	-1	-1	-1	-1	-1	0	0	-1	-1.3
Jun	1	1	-1	-1	0	0	-1	0	-1	-1		-1	-1	-1	-1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1.4
Jun(Ser73)	1	1	-1	-1	0	0	-1	1	0	0		-1	-1	-1	0	0	-1	0	-1	-1	-1	-1	-1	-1	-1.2
MAPK(Thr202)	0	-1	1	1	0	-1	1	1	0	-1		1	1	0	1	1	1	1	-1	1	1	1	-1	1	1.5
Myc	1	1	-1	-1	-1	-1	0	1	0	0		-1	-1	-1	-1	-1	-1	0	-1	-1	-1	-1	-1	-1	-1.8
Myc(Thr58)	0	1	0	0	-1	-1	0	0	1	0	0	0	0	-1	-1	0	-1	0	0	-1	-1	-1	-1	-1	-1.2
p70S6K	0	0	0	0	0	0	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1.3
PARP 1 cleaved	-1	-1	1	0	0	0	1	0	1	0		1	1	1	1	1	1	1	1	1	1	1	-1	1	1.6
PDK1(Ser241)	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1.1
Rb(Ser807)	1	1	-1	-1	0	0	0	1	-1	-1		-1	0	-1	0	-1	-1	0	-1	-1	-1	-1	1	-1	-1.4
SMAD3(Ser423)	0	1	-1	-1	-1	0	-1	0	-1	0		-1	1	-1	-1	0	0	1	-1	-1	-1	-1	-1	-1	-1.3
Src(Tyr527)	0	1	-1	0	0	0	0	0	0	1	0	-1	-1	-1	1	-1	-1	0	0	-1	-1	-1	-1	-1	-1.2
STAT3	0	1	0	-1	0	0	1	0	0	0	0	0	1	-1	0	-1	-1	0	-1	-1	-1	0	-1	-1	-1.2
TAU	-1	1	1	1	-1	-1	-1	-1	0	1		1	1	1	1	1	1	1	1	1	1	1	-1	1	1.2
VEGFR2	1	0	-1	-1	0	1	1	1	-1	-1		-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	-1	-1.3
Ill-defined																									
ATM	-1	1	0	0	0	-1	1	-1	1	1		1	1	-1	0	1	1	1	0	0	0	0	0		1.1
BAD(Ser112)	-1	0	0	0	0	-1	1	0	1	1		0	1	1	1	1	0	0	0	0	0	1	-1		1.1
BIM	-1	1	0	0	-1	-1	-1	-1	0	0		0	0	0	-1	0	0	-1	1	-1	-1	0	-1		-1.2
CD31	-1	-1	0	0	1	0	0	-1	0	0	0	1	1	1	0	0	0	0	0	1	1	0	-1		1.1
Collagen VI	0	1	-1	-1	0	0	0	-1	0	0	0	1	1	0	-1	0	-1	0	0	-1	-1	0	-1		-1.1
eLF4E	-1	-1	1	0	0	-1	0	0	1	0		0	0	1	1	1	1	0	0	0	0	1	0	0	1.1
ETV6	-1	-1	0	0	0	0	-1	-1	-1	0		1	1	0	0	-1	-1	1	1	0	-1	-1	-1		-1.1
GSK3α/β	0	-1	1	1	0	-1	0	0	1	0		0	0	1	1	0	0	0	0	-1	0	1	1	0	1.1
HER2(Tyr1248)	0	0	-1	0	1	1	1	0	0	1		0	1	0	0	-1	0	1	0	1	1	1	0		1.3
IRS1(Ser307)	0	0	-1	-1	0	0	0	-1	-1	-1		1	0	0	-1	-1	-1	1	0	-1	-1	-1	0		-1.3
MEK1	1	0	1	0	0	0	1	1	1	0		1	1	1	0	0	1	0	-1	0	0	1	1		1.4
N-cadherin	0	1	-1	-1	0	0	0	-1	0	0		0	0	0	0	0	0	0	0	-1	-1	0	-1	0	-1.1
NCKIPSD	1	1	0	-1	0	0	1	0	1	0		1	1	1	0	0	0	0	0	-1	0	1	0	0	1.2
Notch 1	-1	0	-1	-1	0	0	0	-1	0	-1		0	0	0	0	-1	-1	0	0	-1	-1	0	0	0	-1.2
p90RSK	0	0	1	0	0	1	1	0	1	1		0	0	0	0	1	0	0	0	-1	0	0	-1	0	1.1
PKCα(Ser657)	0	0	1	1	0	-1	1	0	0	0	0	1	1	0	-1	0	0	-1	-1	-1	-1	0	-1		-1.1
PTEN	0	0	0	0	-1	-1	1	-1	1	1		1	1	1	1	0	1	0	-1	0	0	0	0		1.1
RAD51	0	0	0	0	-1	-1	0	0	0	0	0	-1	-1	-1	0	0	0	0	-1	-1	-1	0	0		-1.2
Spermine synthase	0	1	1	1	-1	0	0	1	0	0		0	1	1	0	1	1	0	0	0	0	1	0	0	1.2
XIAP	0	0	0	0	-1	0	0	0	0	0	0	0	0	-1	-1	0	0	-1	1	-1	-1	0	-1		-1.2
Sum score	-4	6	-5	-5	-17	-20	14	-1	14	-1		14	24	2	8	-2	-1	4	-9	-22	-18	9	-18		