

GeneName	Desc	log2fc	p-value	q-value
<b>NRP1</b>	neuropilin 1	-2.78	5.00E-05	0.0159
<b>MMP1</b>	matrix metalloproteinase 1 (interstitial collagenase)	-3.12	5.00E-05	0.0159
<b>FARP1</b>	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)	-2.53	5.00E-05	0.0159
<b>THSD4</b>	thrombospondin, type I, domain containing 4	-4.56	5.00E-05	0.0159
<b>NPTX1</b>	neuronal pentraxin I	-3.84	5.00E-05	0.0159
<b>SLC14A1</b>	solute carrier family 14 (urea transporter), member 1 (Kidd blood group)	-4.74	5.00E-05	0.0159
<b>CCBE1</b>	collagen and calcium binding EGF domains 1	-3.14	5.00E-05	0.0159
<b>SPPL2B</b>	signal peptide peptidase like 2B		5.00E-05	0.0159
<b>TBC1D5</b>	TBC1 domain family, member 5	-3.66	5.00E-05	0.0159
<b>ABI3BP</b>	ABI family, member 3 (NESH) binding protein	-2.92	5.00E-05	0.0159
<b>PTX3</b>	pentraxin 3, long	-4.05	5.00E-05	0.0159
<b>LPP</b>	LIM domain containing preferred translocation partner in lipoma	-3.72	5.00E-05	0.0159
<b>SCFD2</b>	sec1 family domain containing 2	-3.73	5.00E-05	0.0159
<b>MAPK10</b>	mitogen-activated protein kinase 10	-3.12	5.00E-05	0.0159
<b>CAMK2D</b>	calcium/calmodulin-dependent protein kinase II delta	-3.02	5.00E-05	0.0159
<b>RPS6KA2</b>	ribosomal protein S6 kinase, 90kDa, polypeptide 2	-2.77	5.00E-05	0.0159
<b>ANLN</b>	anillin, actin binding protein	-2.75	5.00E-05	0.0159
<b>CACNA2D1</b>	calcium channel, voltage-dependent, alpha 2/delta subunit 1	-3.13	5.00E-05	0.0159
<b>EXOC4</b>	exocyst complex component 4	-3.14	5.00E-05	0.0159
<b>TNFRSF11B</b>	tumor necrosis factor receptor superfamily, member 11b	-2.72	5.00E-05	0.0159
<b>PRUNE2</b>	prune homolog 2 (Drosophila)	-2.54	5.00E-05	0.0159

**Supple. Table S1**

# Metabolic shift / Histone modification

A)

Collagen And Calcium Binding EGF Domains 1

**metabolism**

Pyruvate Dehydrogenase Kinase 1

Endothelial PAS Domain Protein 1

Matrix Metalloproteinase 1

TNF Receptor Superfamily Member 11b (OPG)

Serpin Family B Member 2

SERPINF2

RAB GTPase Activating Protein 1 Like

ACTG2

Formin 1

Thrombomodulin

FMN1

ANLN

Ribosomal Protein S6 Kinase A2

RPS6KA2

MKI67

Marker Of Proliferation Ki-67

PRKCA

Protein Kinase C Alpha

PDE1A

AK5

Adenylate Kinase

PPAP2B

LPP

HMG2

High Mobility Group AT-Hook 2

RAPGEF4

MAPK10

Phosphodiesterase 5A

PDE5A

H1.3 Linker Histone, Cluster Member

Mitogen-Activated Protein Kinase 10

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LPP

HMG2

High Mobility Group AT-Hook 2

RAPGEF4

MAPK10

Phosphodiesterase 5A

PDE5A

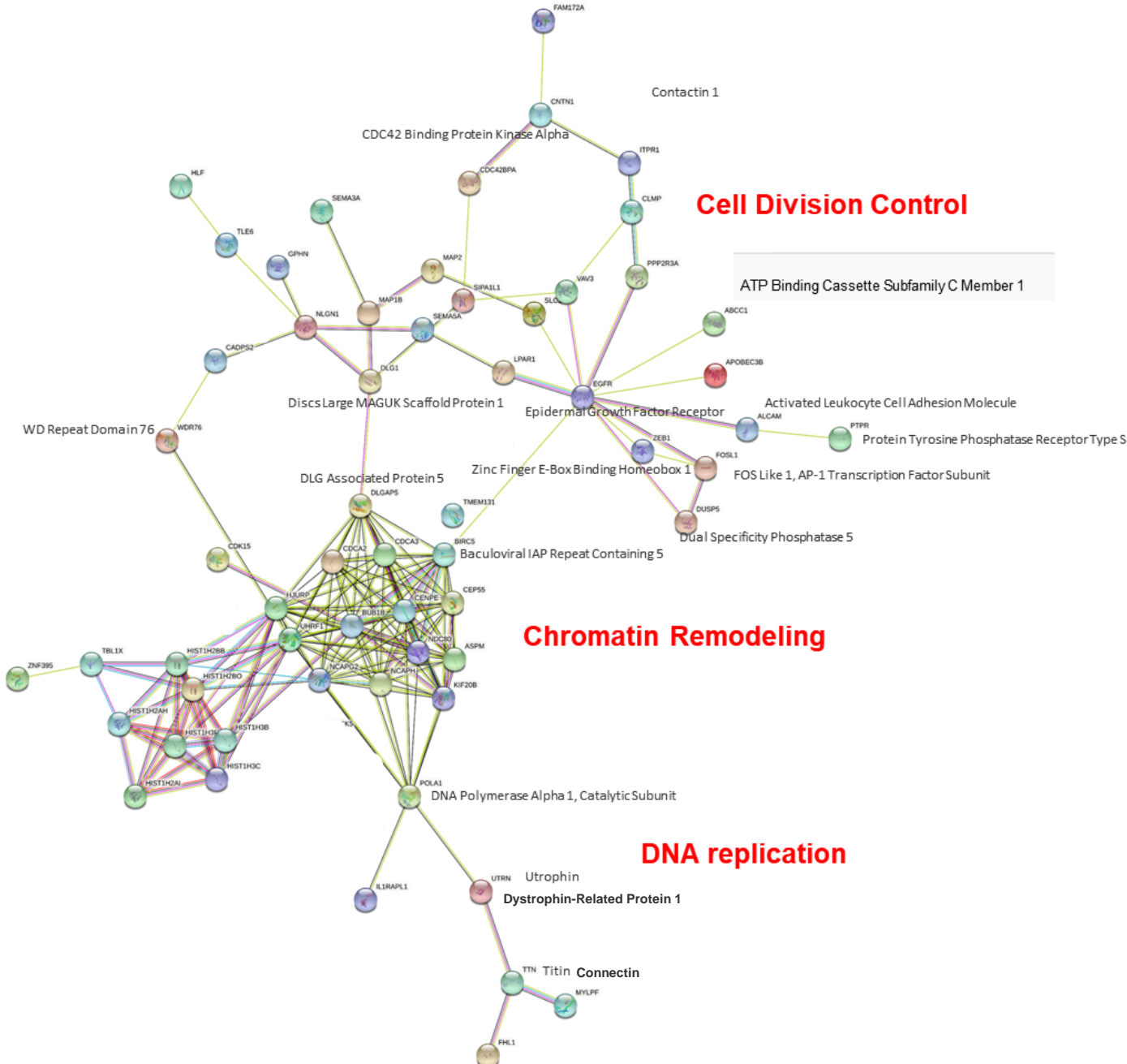
H1.3 Linker Histone, Cluster Member

Mitogen-Activated Protein Kinase 10

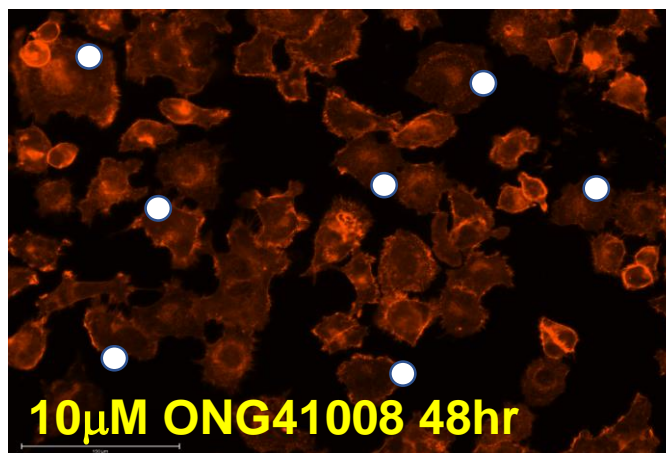
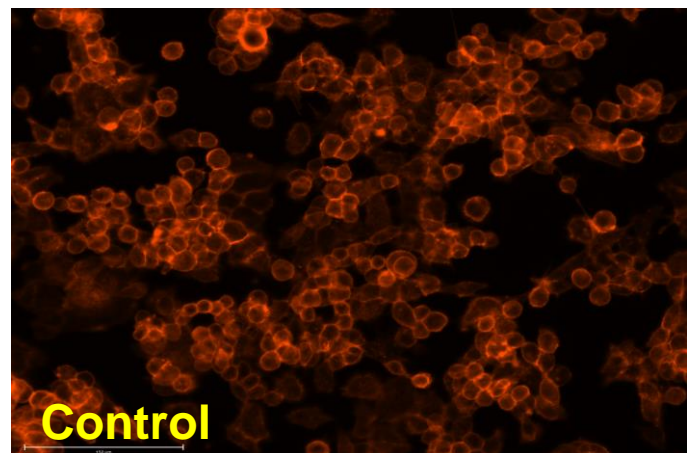
ACTG2

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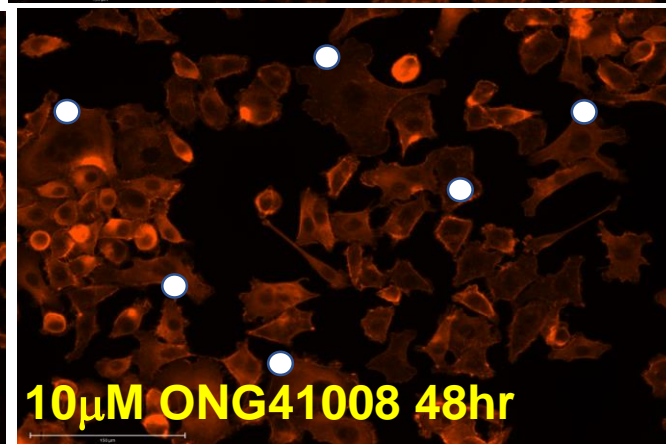
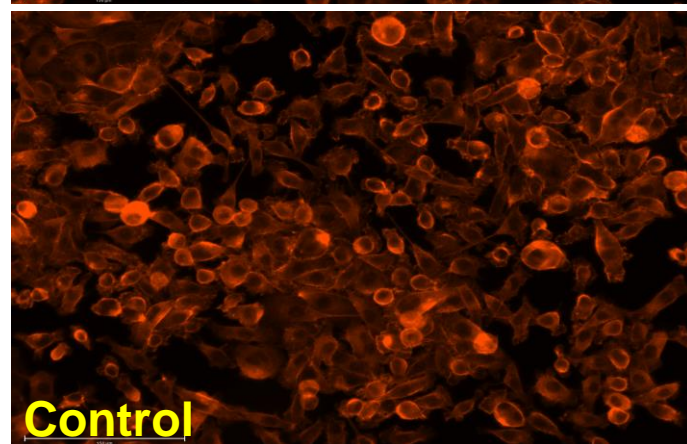
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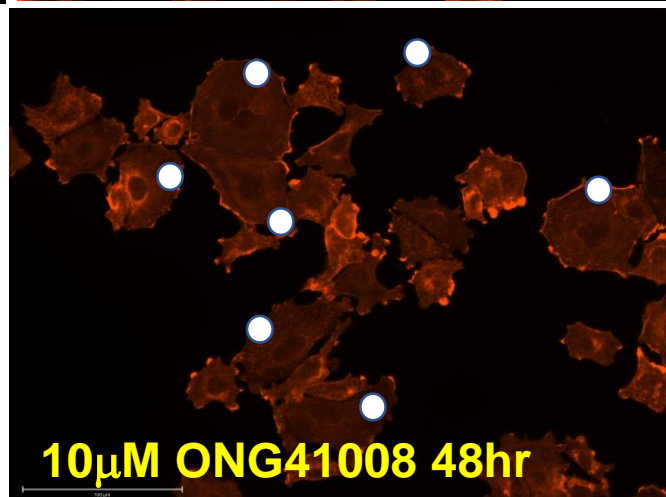
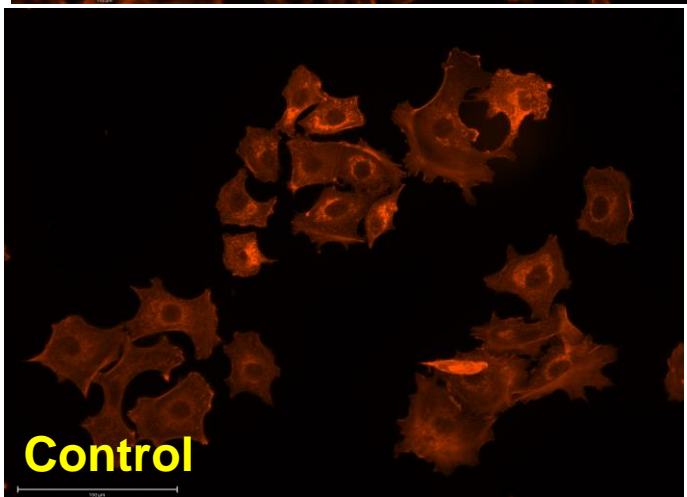
## Supple. Figure S2



PANC1

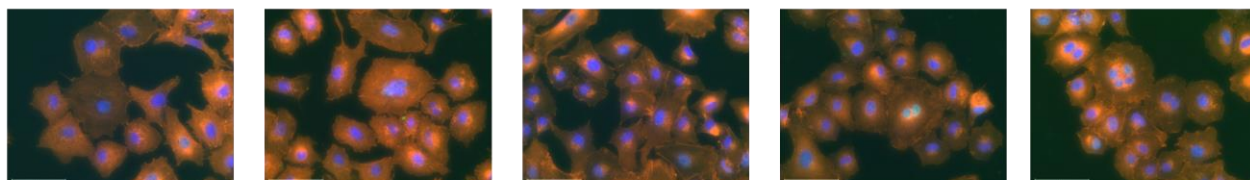
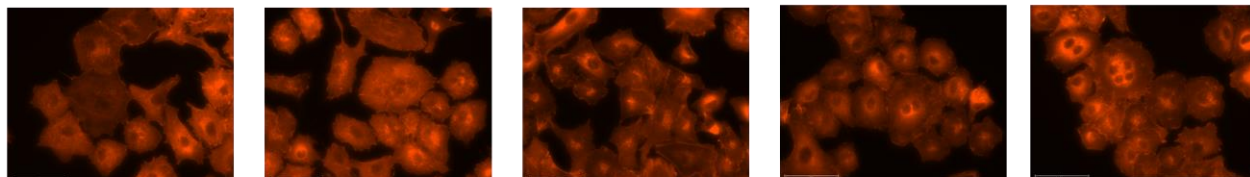
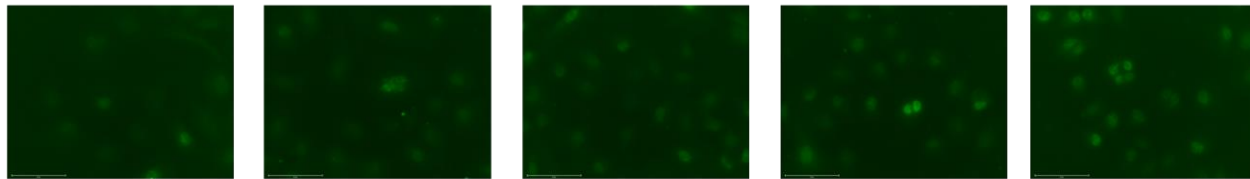


PC3



MCF7



**A)****A549(p53) 24h**

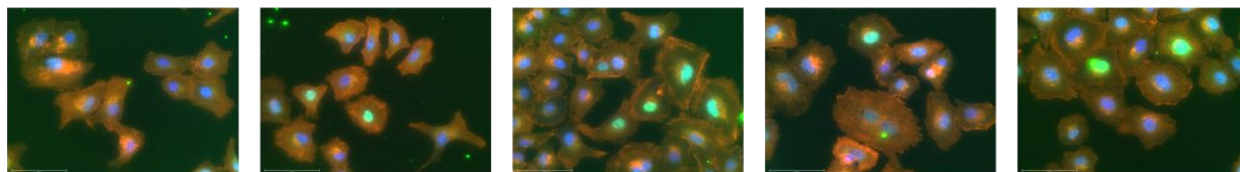
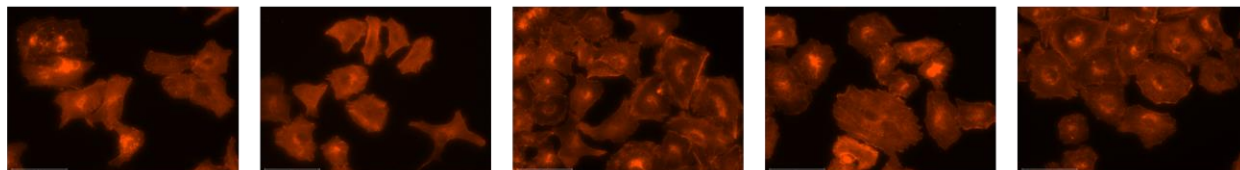
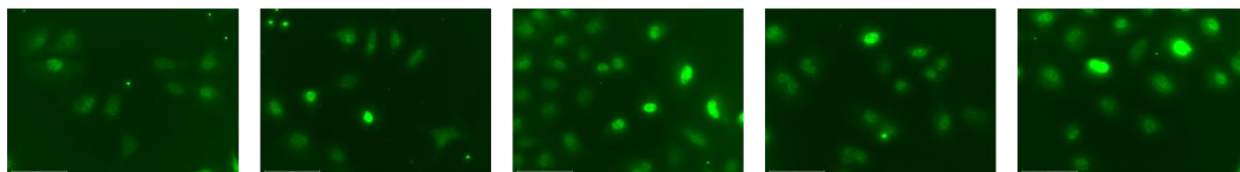
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ONG41008 1uM

ONG41008 5uM

ONG41008 10uM

ONG41008 20uM

**B)****A549(p21) 24h**

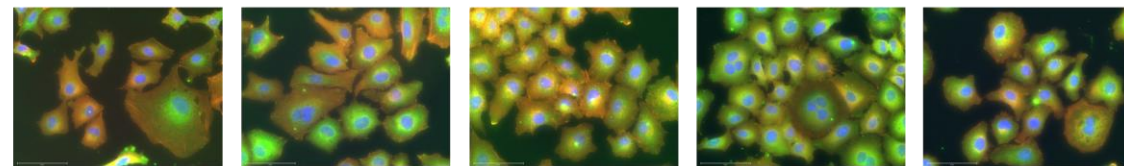
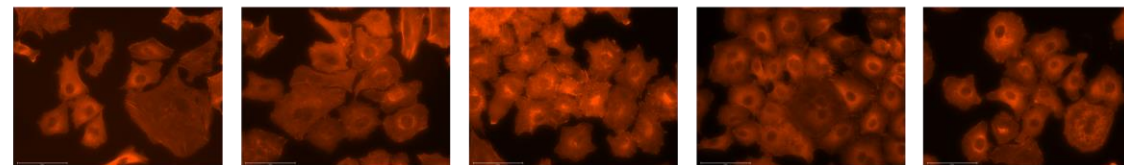
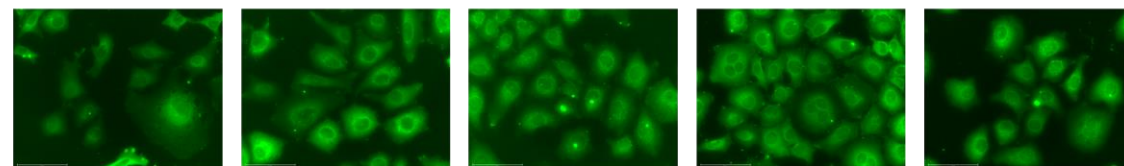
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**C)****A549(p16) 24h**

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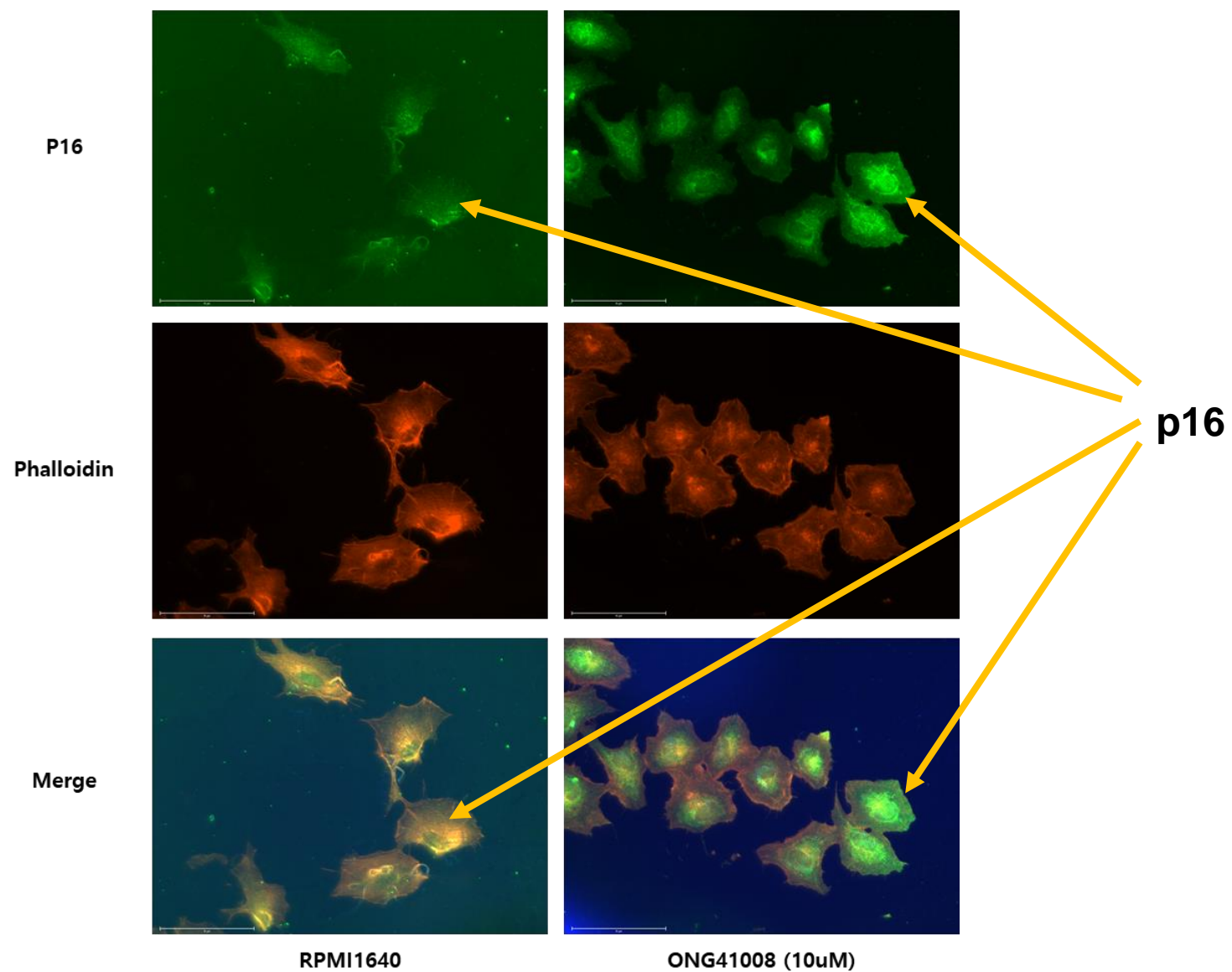
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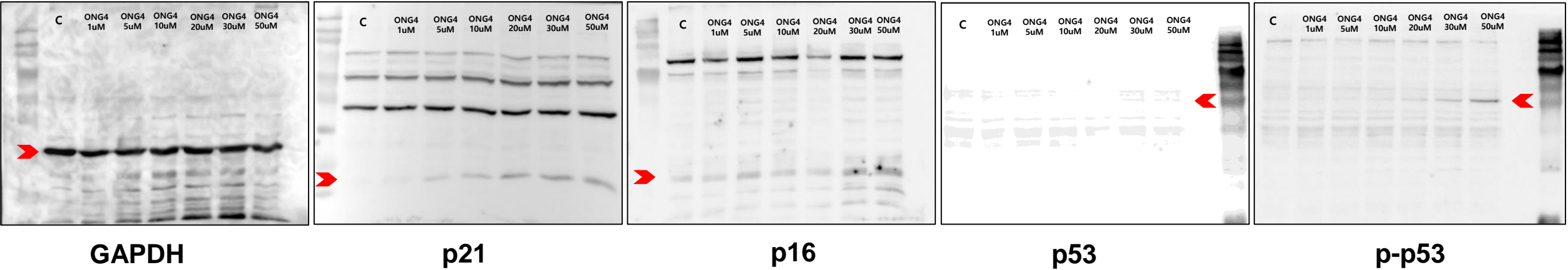
**Supple. Figure S4**

A549 (72h)

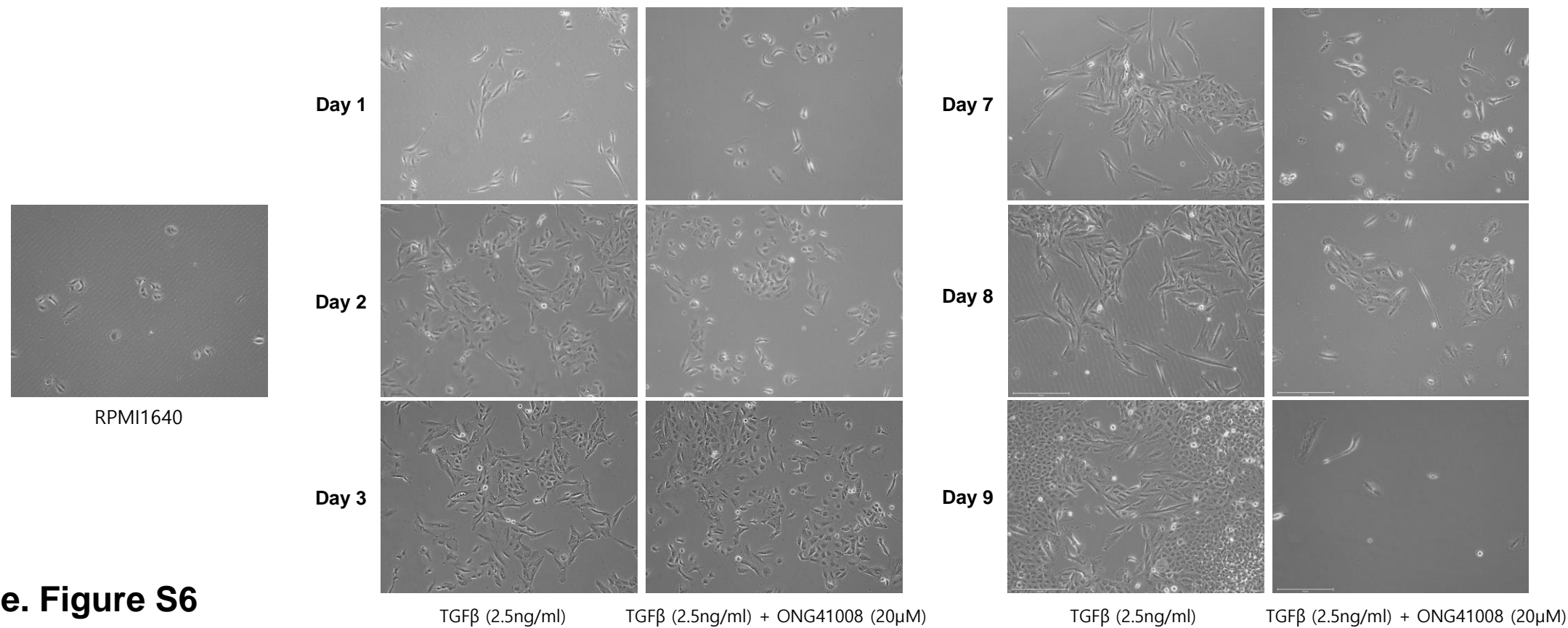


Supple. Figure S5

**A)**



**B)**



**Supple. Figure S6**