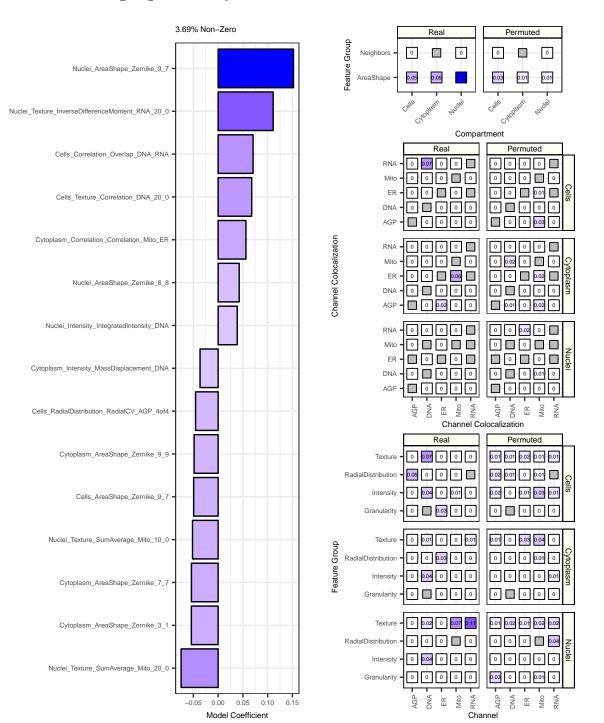
# ALL - % High gH2AX Spots



Max

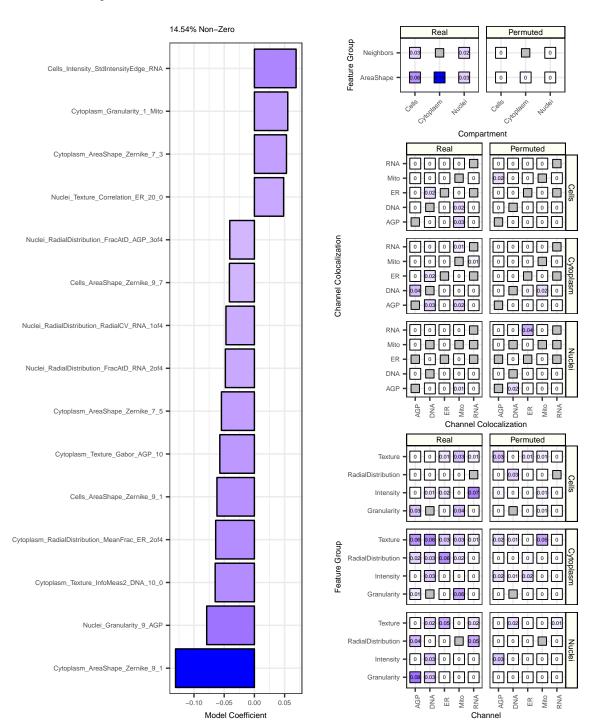
Abs. Weight 0.15

0.10

0.05

0.00

### ALL - Polynuclear

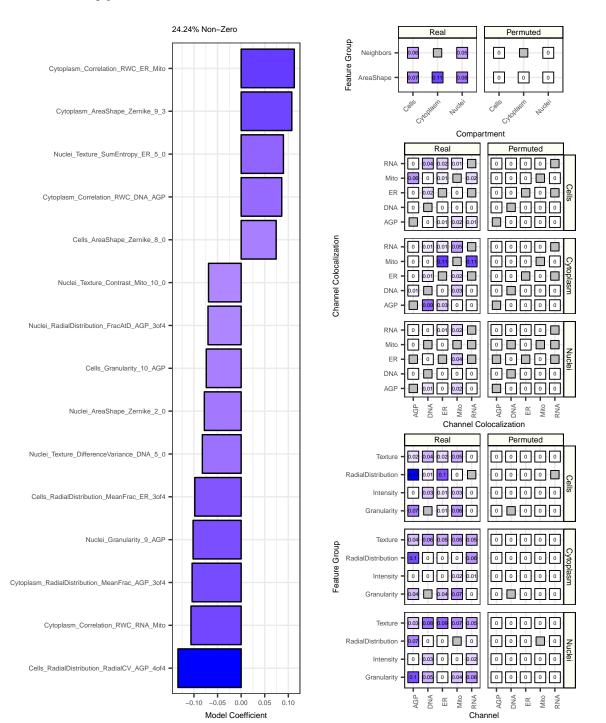


Max Abs. Weight 0.125 0.100 0.075 0.050

0.025

0.000

### **ALL - Polyploid**



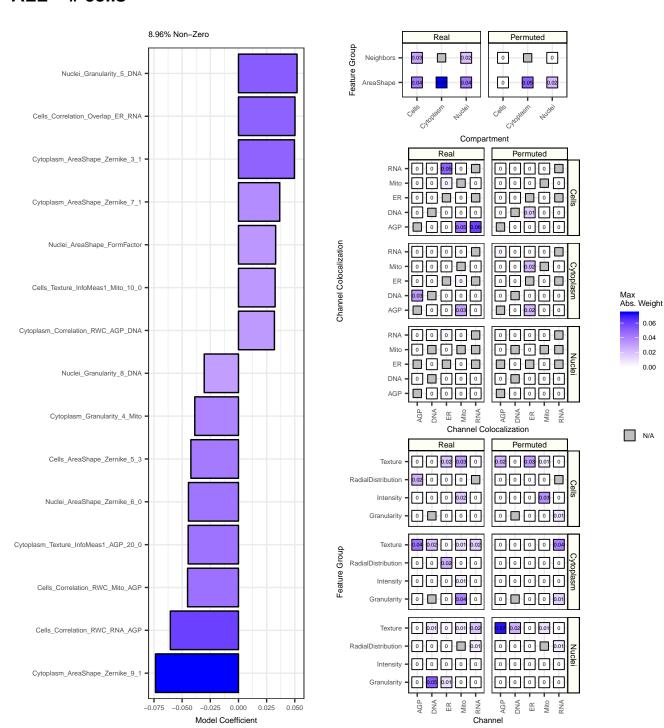
Max

Abs. Weight

0.05

0.00

#### ALL - # cells



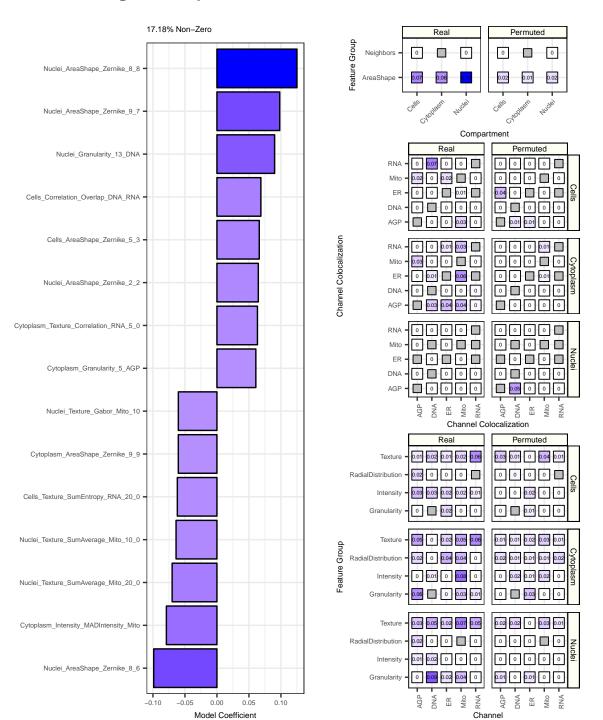
0.06

0.04

0.02

0.00

### ALL - # of gH2AX Spots



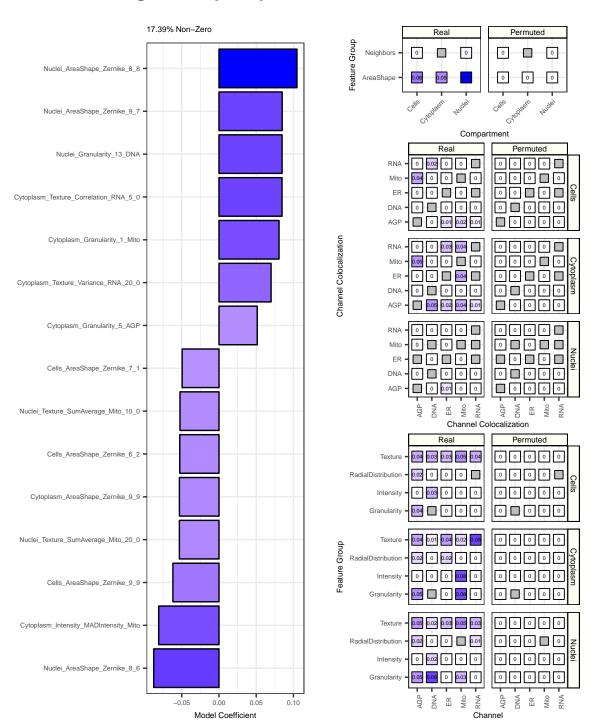
Max Abs. Weight 0.125 0.100 0.075 0.050



0.025

0.000

# ALL - # of gH2AX Spots per Area of Nucleus



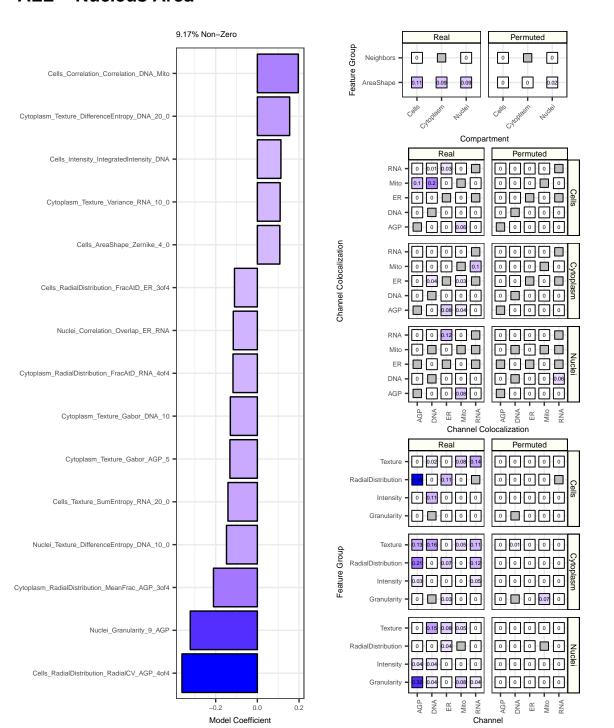
Max Abs. Weight 0.100 0.075

0.050

0.025

0.000

#### **ALL - Nucleus Area**



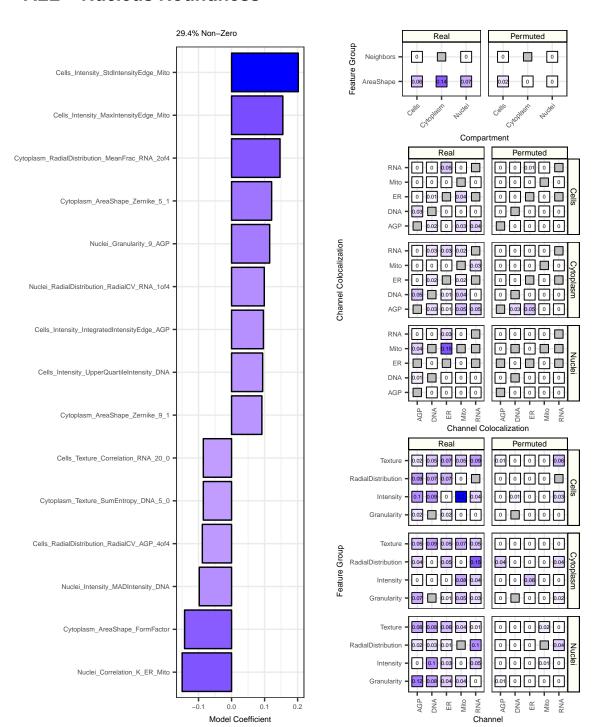
Max

Abs. Weight

0.2

0.1

#### **ALL - Nucleus Roundness**



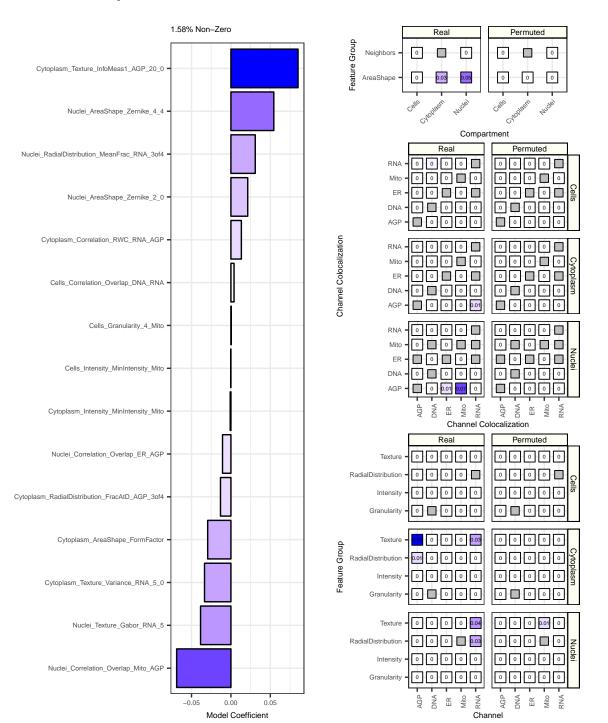
Max

Abs. Weight 0.20 0.15

0.10

0.00

# CC - % early M



Max

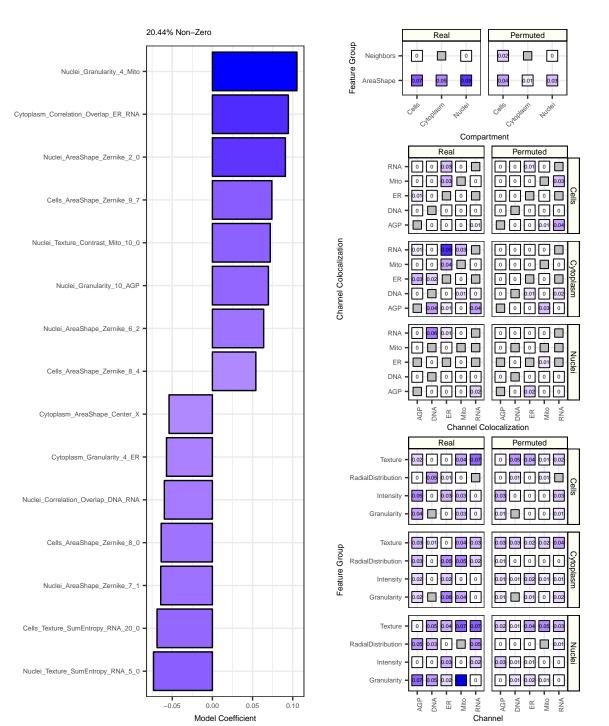
Abs. Weight 0.08 0.06

0.04

0.02

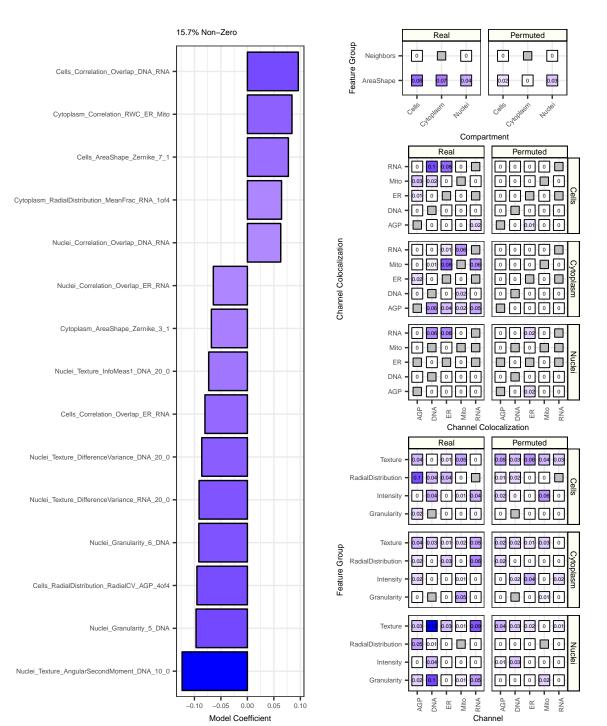
0.00

#### CC - % G1



0.025

0.000



Max

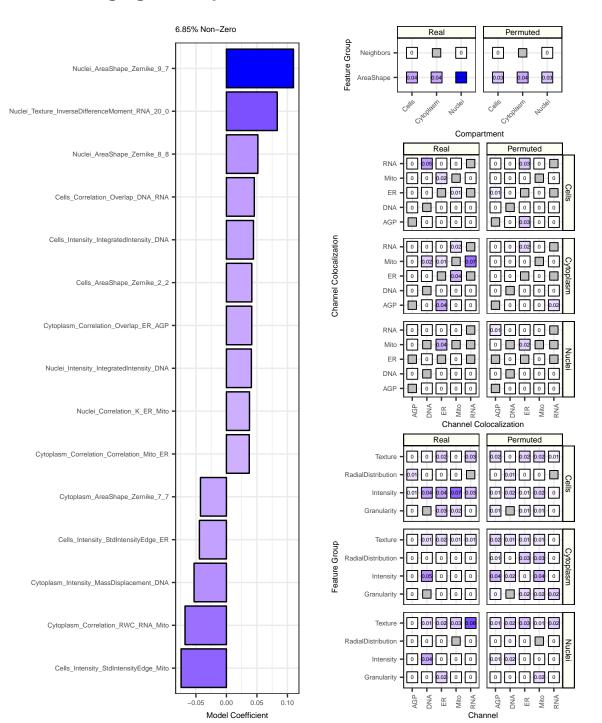
Abs. Weight 0.12 0.09

0.06

0.03

0.00

# CC - % High gH2AX spots



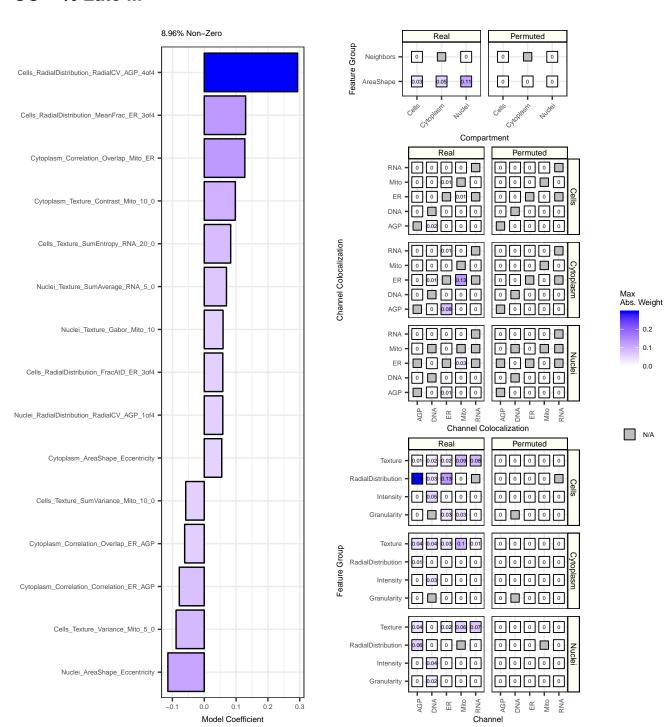
Max

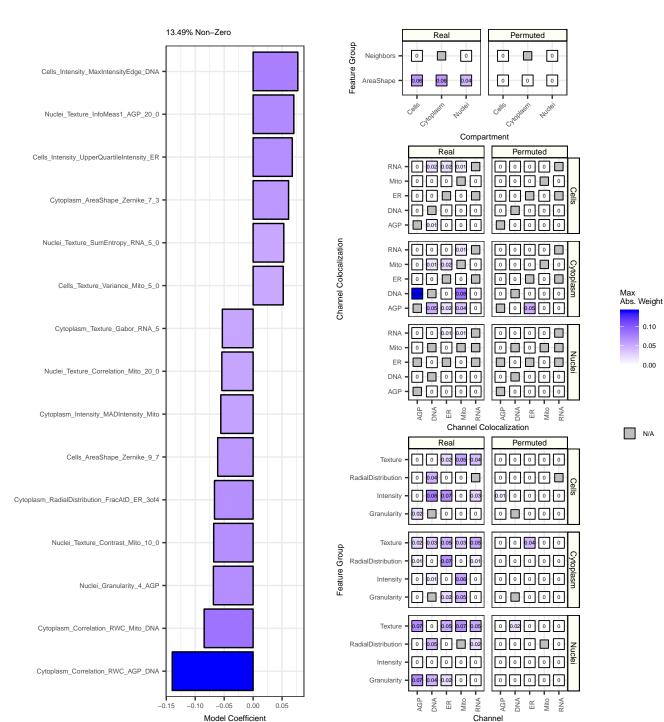
Abs. Weight

0.100
0.075

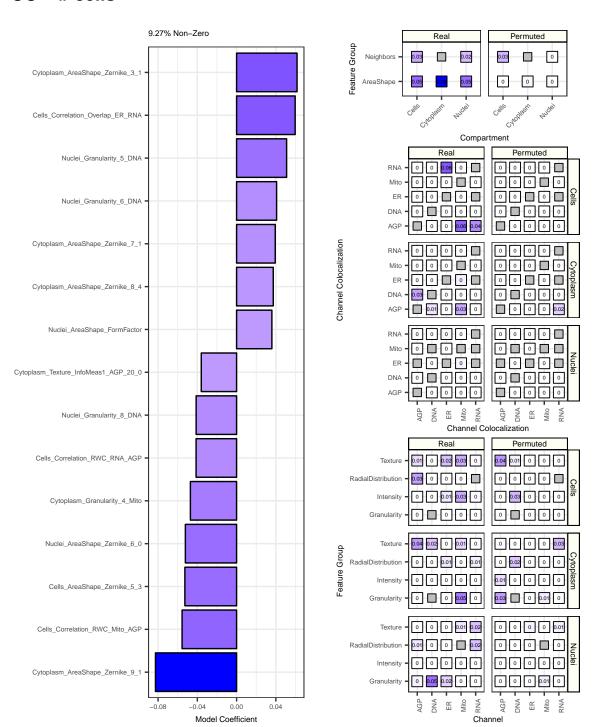
0.050 0.025 0.000

#### CC - % Late M





#### CC - # cells



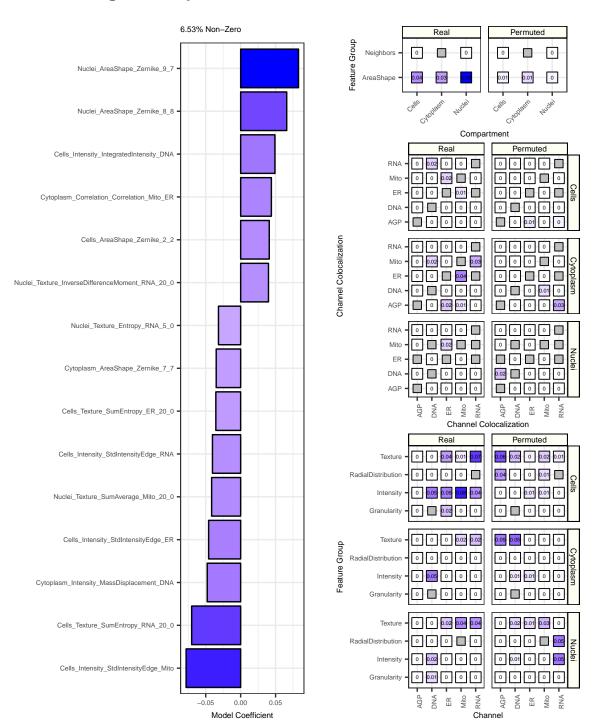
Max Abs. Weight 0.08 0.06 0.04

0.02

0.00

□ N/A

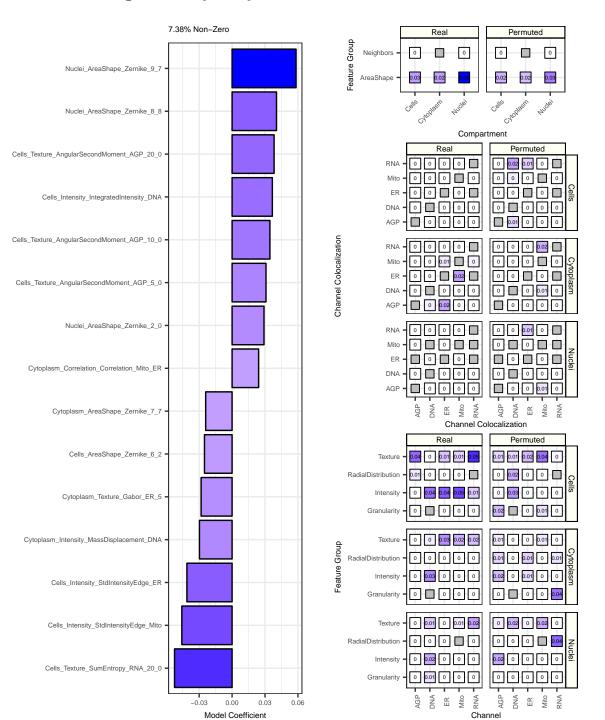
# CC - # of gH2AX Spots



Max Abs. Weight 0.08 0.06 0.04

0.02

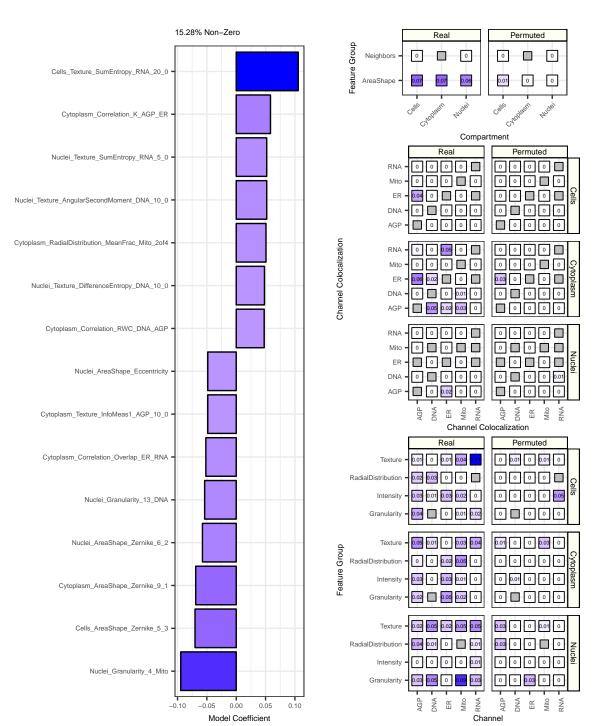
# CC - # of gH2AX Spots per Area of Nucleus



Max Abs. Weight

0.03

0.02 0.01 0.00



Max

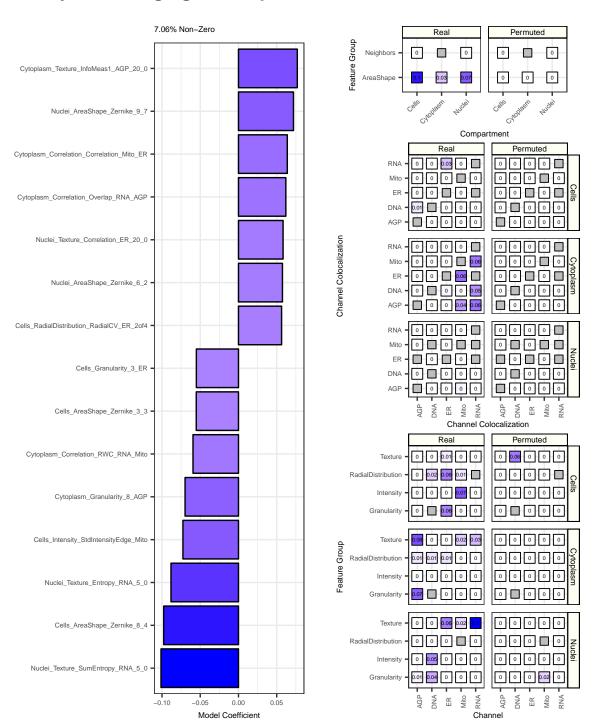
Abs. Weight 0.100 0.075

0.050

0.025

0.000

# early M - % High gH2AX Spots

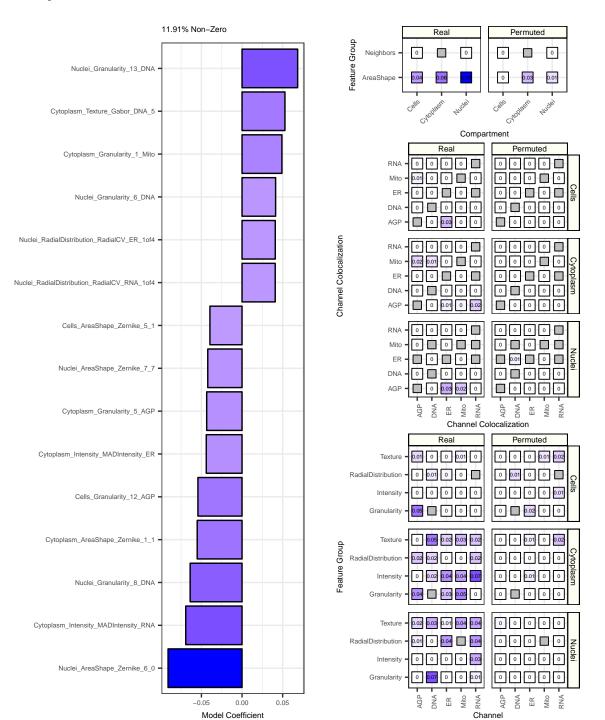


Max Abs. Weight 0.100 0.075 0.050

0.025

0.000

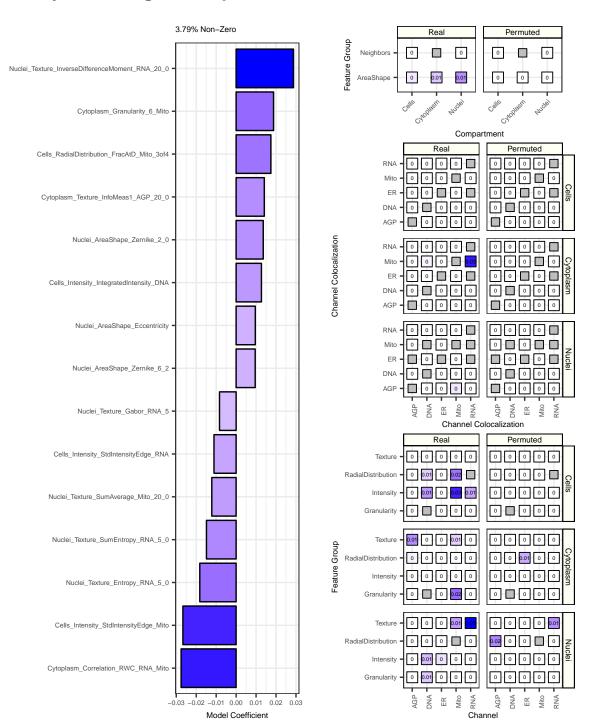
### early M - # cells



Max Abs. Weight - 0.075 - 0.050 0.025

0.000

#### early M - # of gH2AX Spots

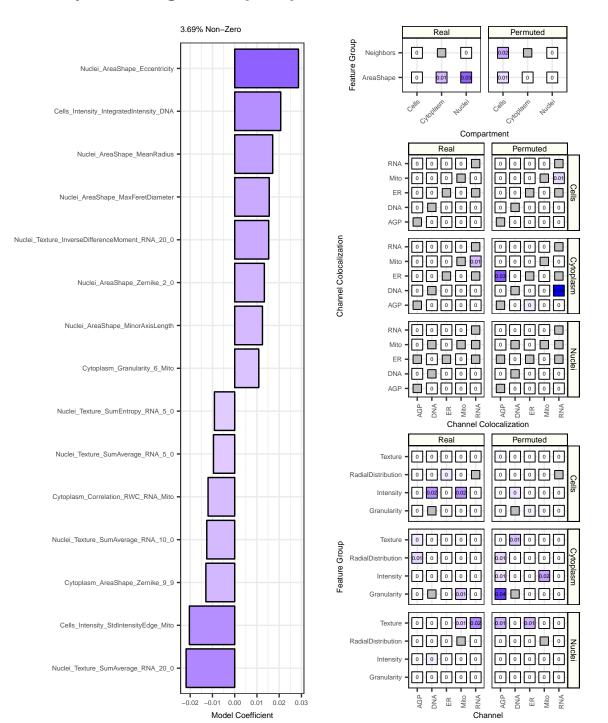


Max Abs. Weight

0.02

0.01

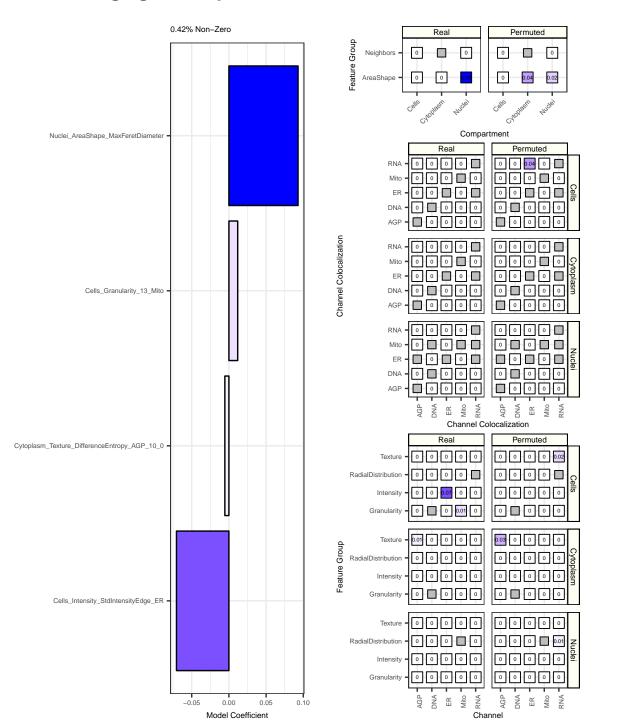
# early M - # of gH2AX Spots per Area of Nucleus



Max Abs. Weight

> 0.02 0.01 0.00

# G1 - % High gH2AX Spots

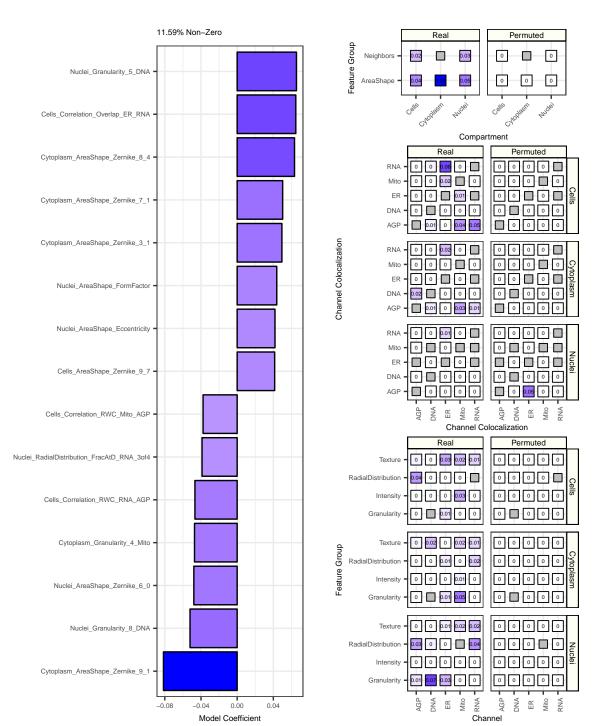


Max

Abs. Weight

- 0.075
- 0.050
- 0.025
- 0.000

#### G1 - # cells



Max

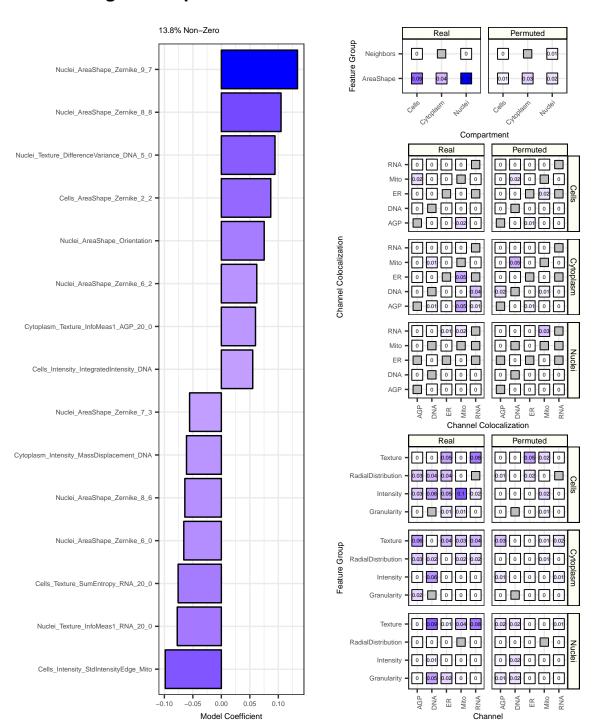
Abs. Weight

0.04

0.02

0.00

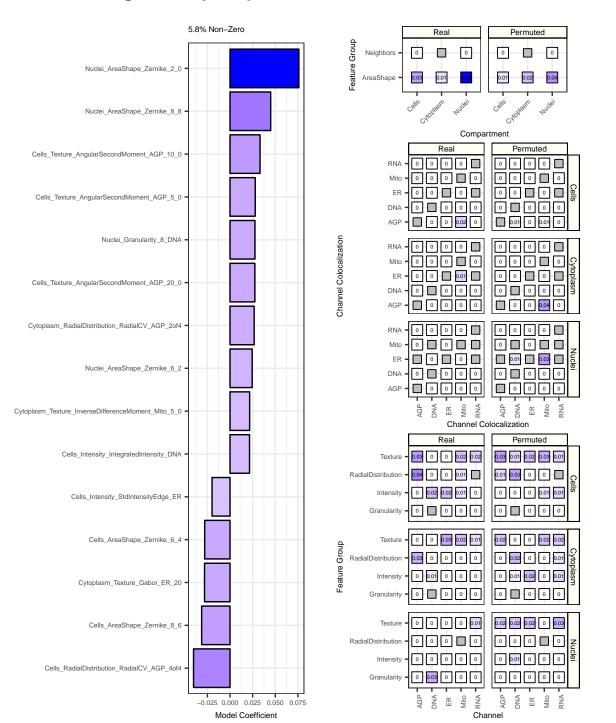
# G1 - # of gH2AX Spots



Max Abs. Weight

0.100 0.075 0.050 0.025 0.000

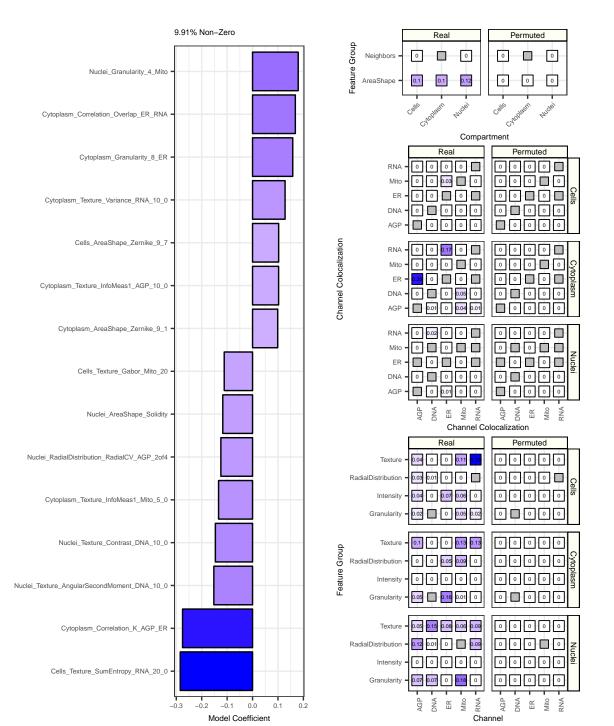
# G1 – # of gH2AX Spots per Area of Nucleus



Max Abs. Weight

> 0.04 0.02 0.00

#### Cell Count - G1+G2



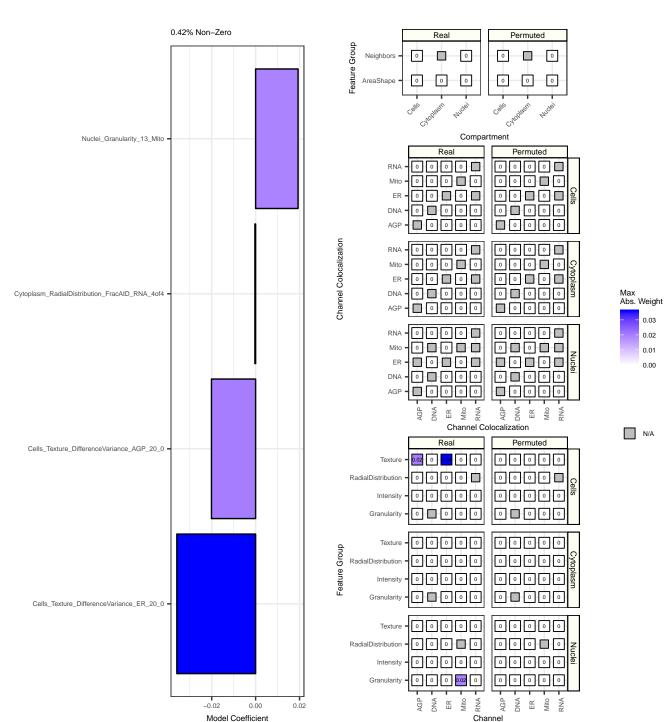
Max

Abs. Weight

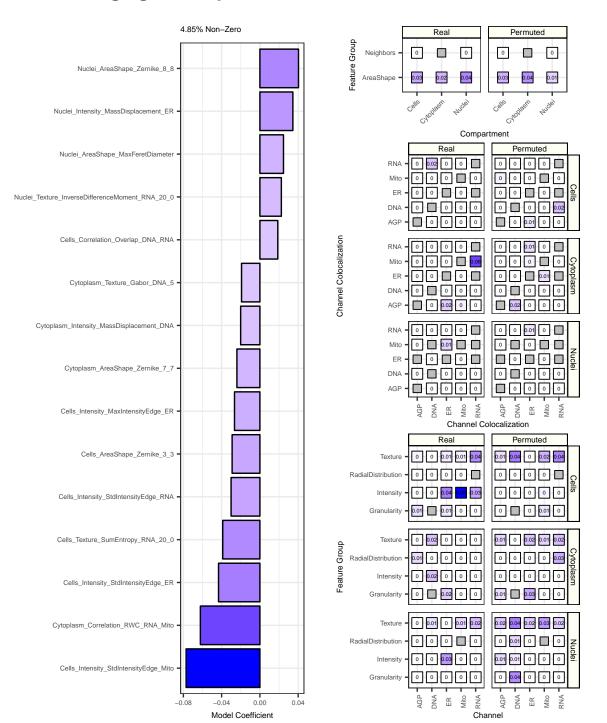
0.2

0.1

#### Cell Count - G2/G1



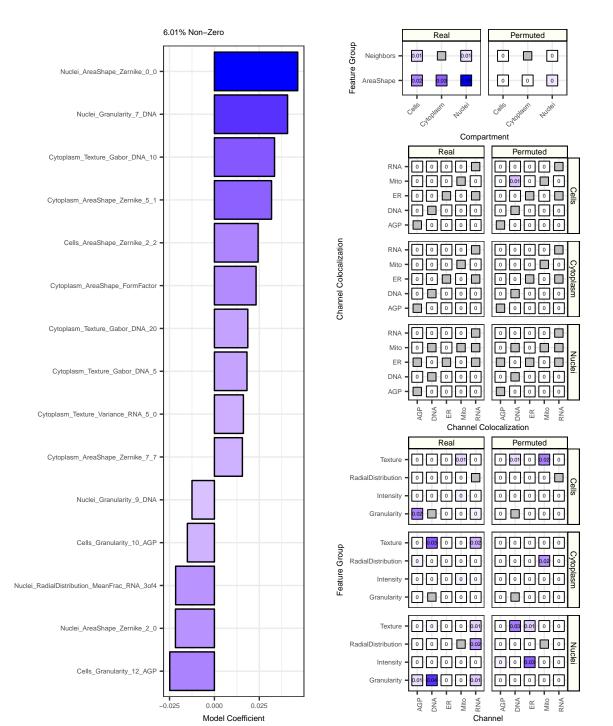
# G2 - % High gH2AX Spots



Max Abs. Weight

> 0.04 0.02 0.00

#### G2 - # cells



Max

Abs. Weight

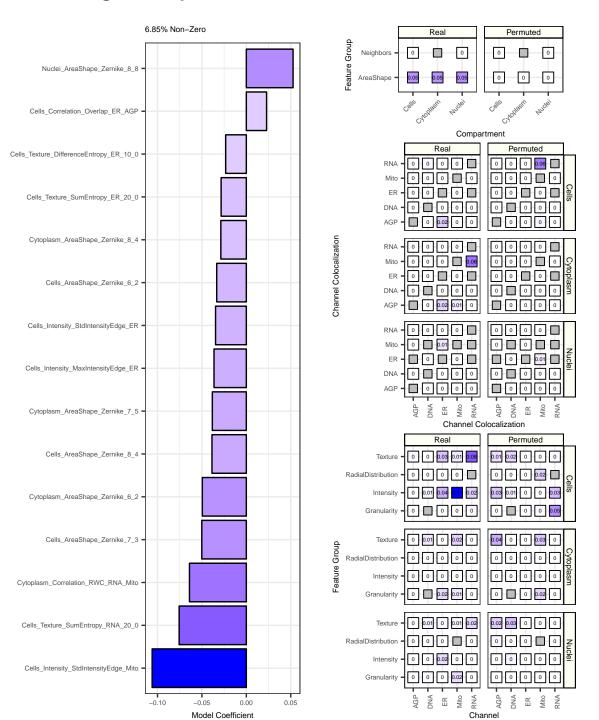
0.03

0.02

0.01

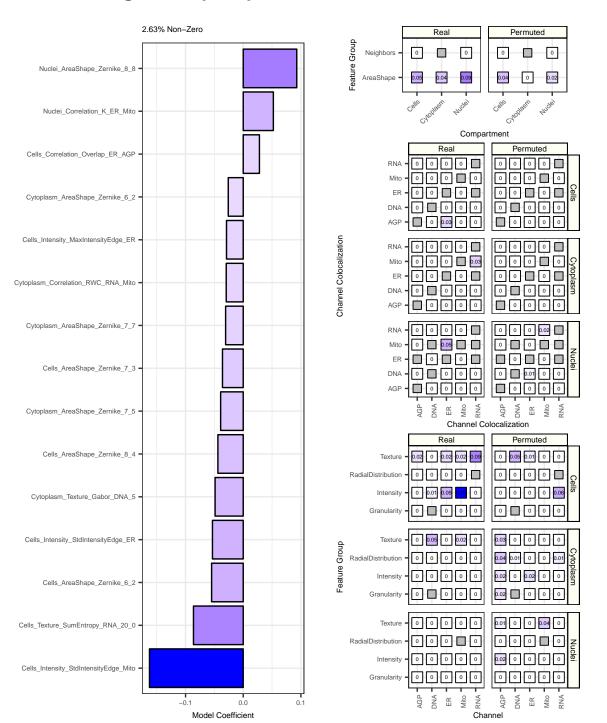
0.00

### G2 - # of gH2AX Spots



> 0.050 0.025 0.000

# G2 – # of gH2AX Spots per Area of Nucleus



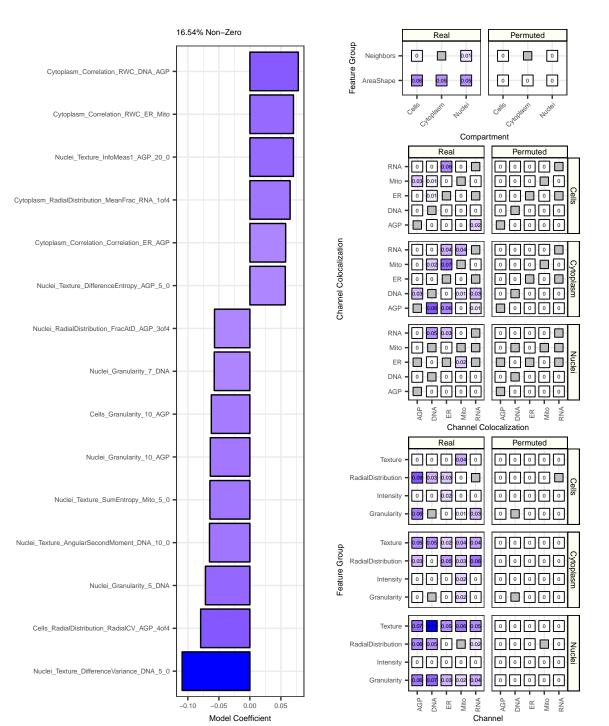
Max Abs. Weight

0.08

0.04

0.00

#### Cell Count - G2 + M

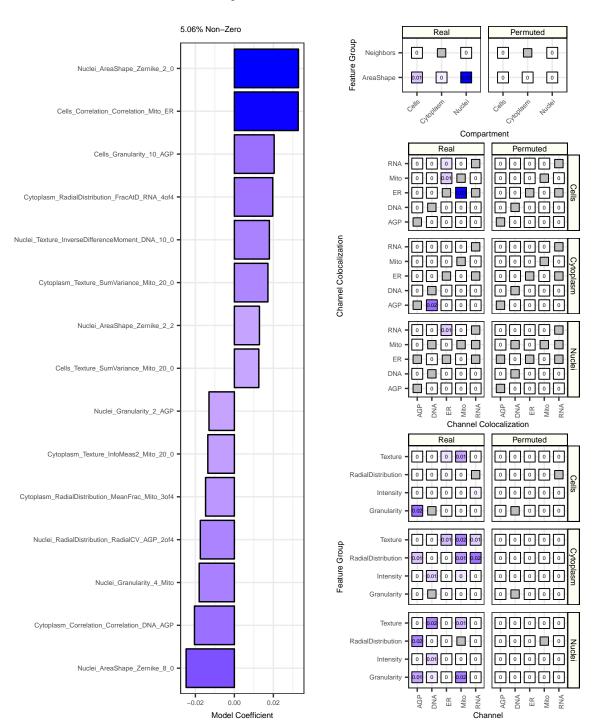


Max Abs. Weight 0.100 0.075 0.050 0.025

N/A

0.000

# **CC - Infection Efficiency**

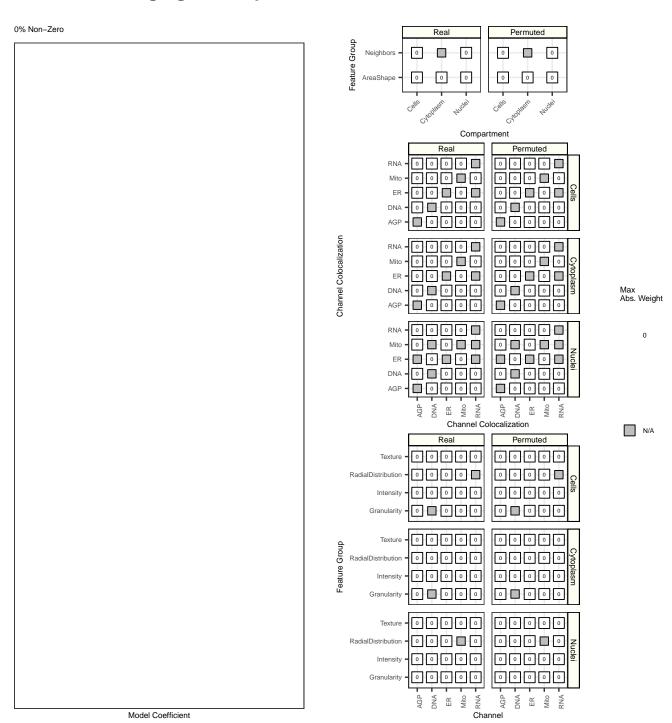


Max Abs. Weight

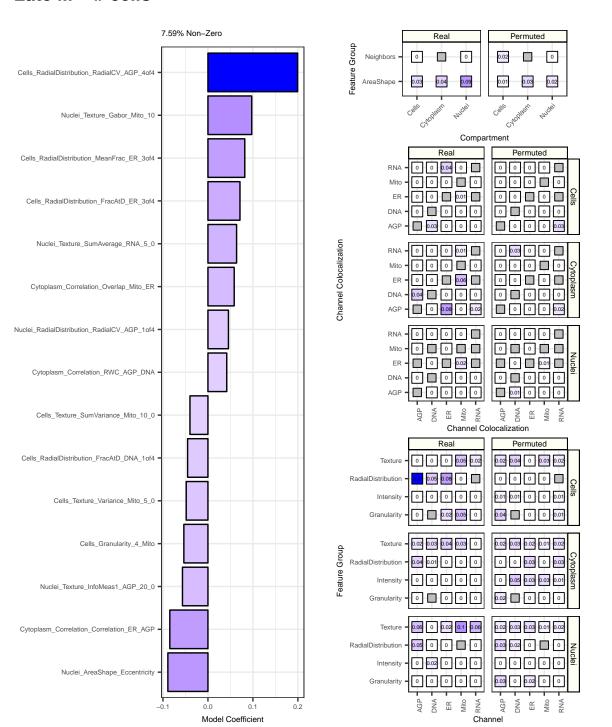
0.02

0.01

# Late M – % High gH2AX Spots



#### Late M - # cells



Max

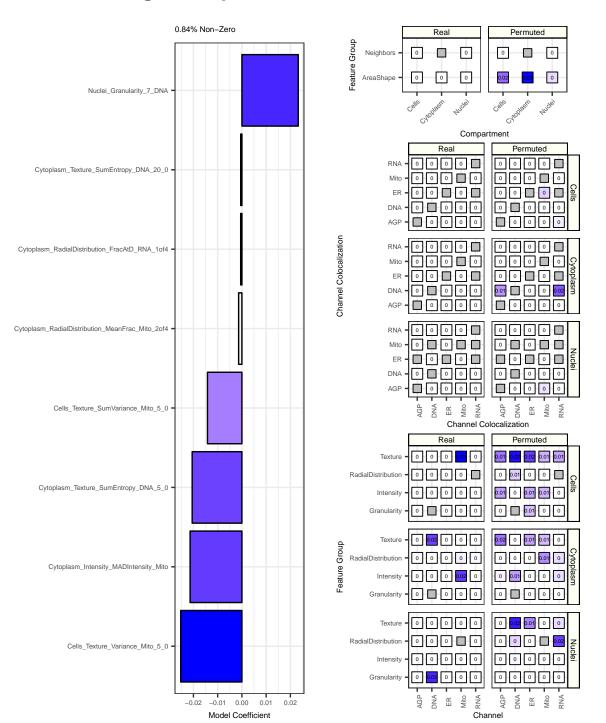
Abs. Weight

0.10

0.05

0.00

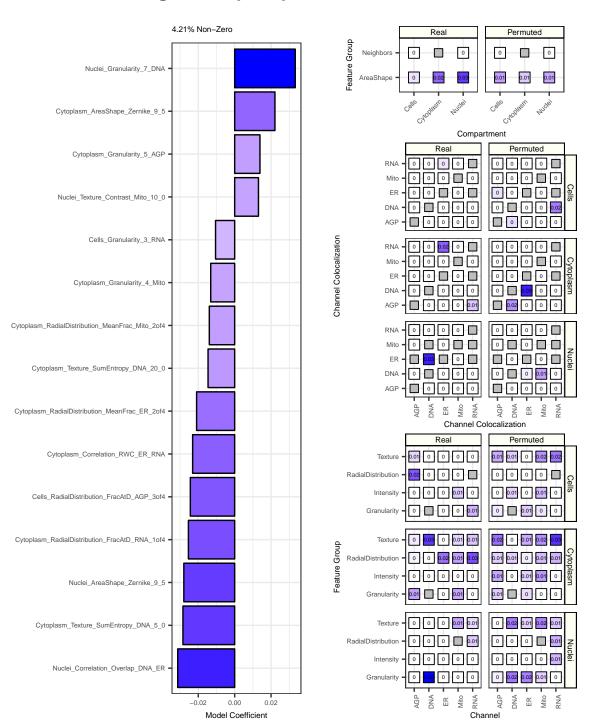
#### Late M - # of gH2AX Spots



Max Abs. Weight 0.025 0.020

> 0.015 0.010 0.005 0.000

#### Late M - # of gH2AX Spots per Area of Nucleus

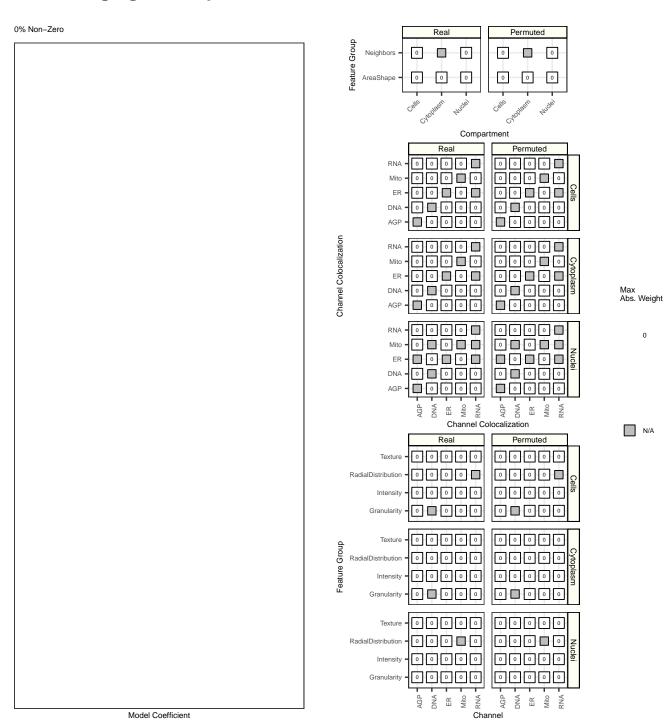


Max Abs. Weight

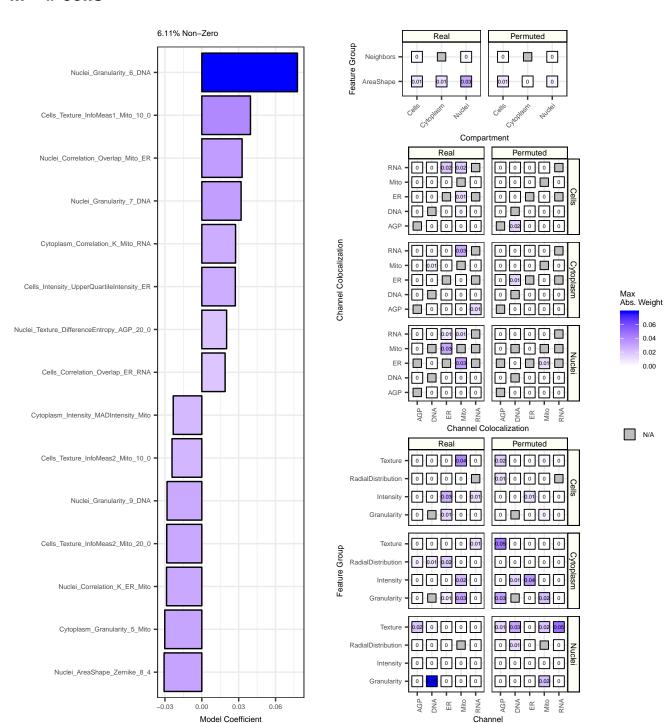
0.02

0.01

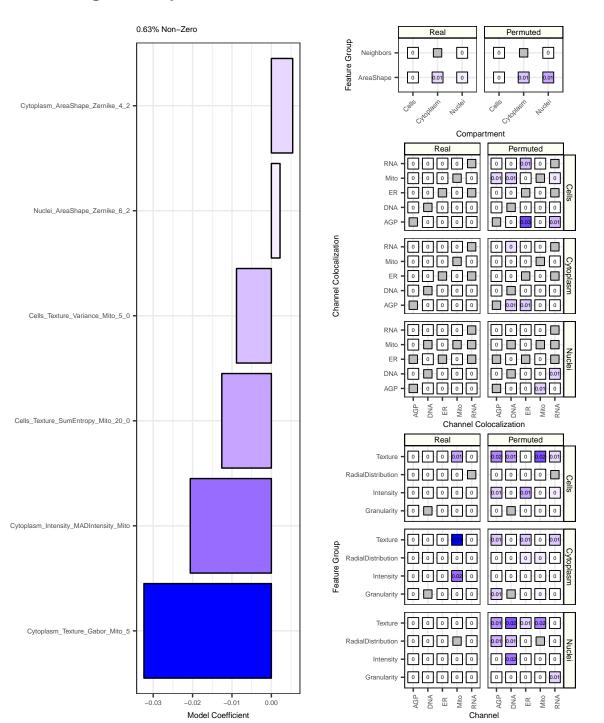
#### M - % High gH2AX Spots



#### M - # cells



### M - # of gH2AX Spots

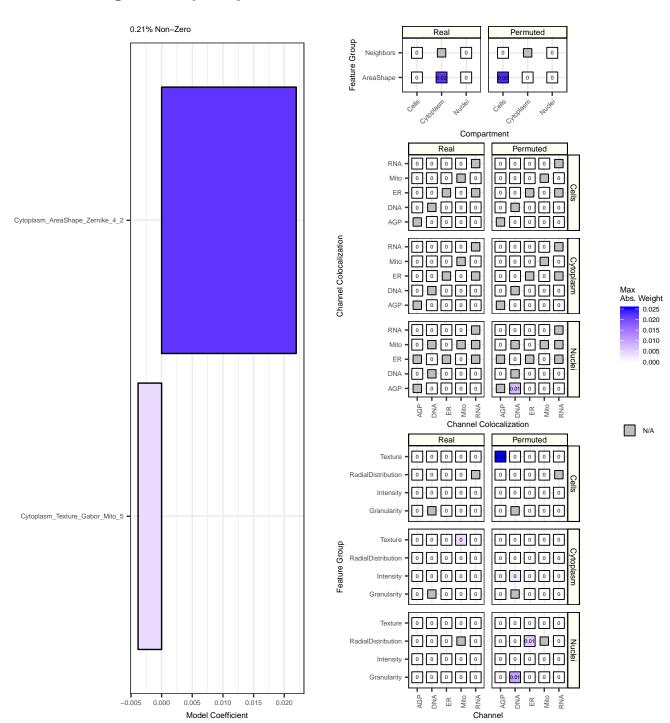


Max Abs. Weight

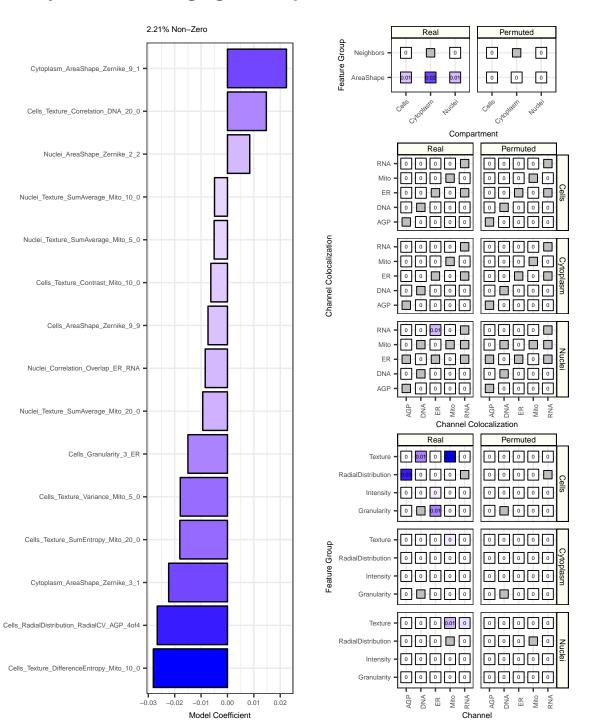
0.02

0.01

### M - # of gH2AX Spots per Area of Nucleus



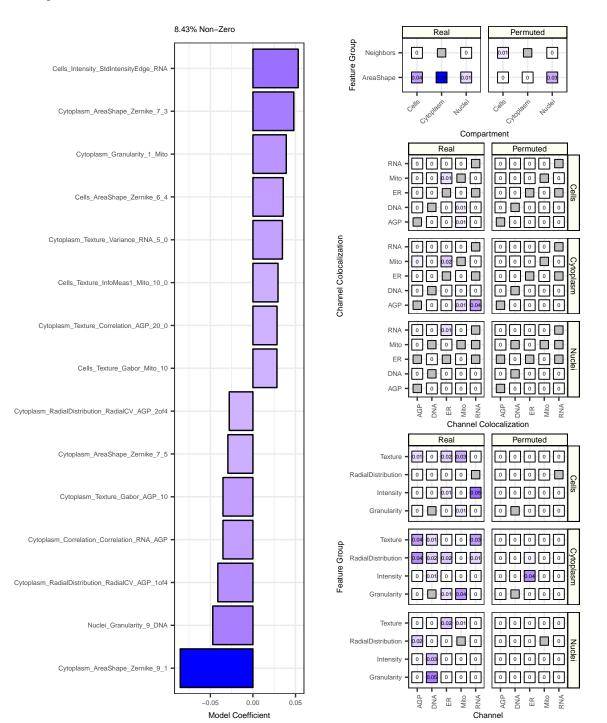
## Polynuclear - % High gH2AX Spots



Max Abs. Weight

0.01

#### Polynuclear - # cells



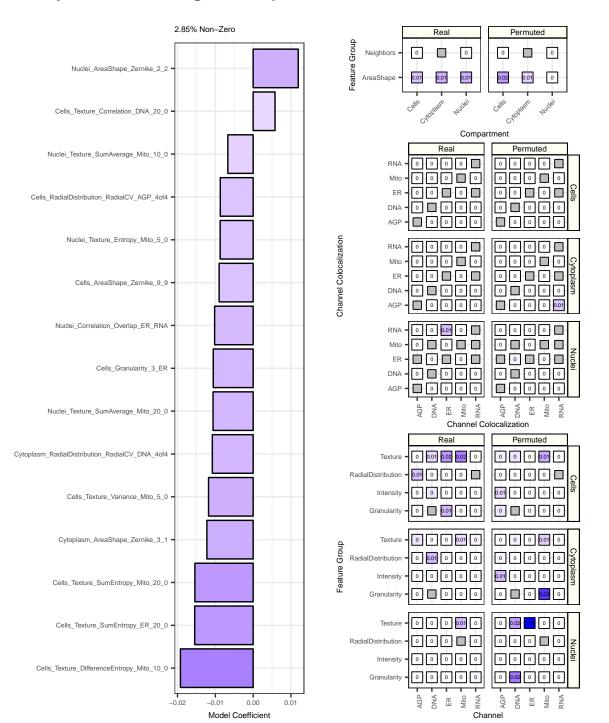
Max Abs. Weight

0.04

0.02

0.00

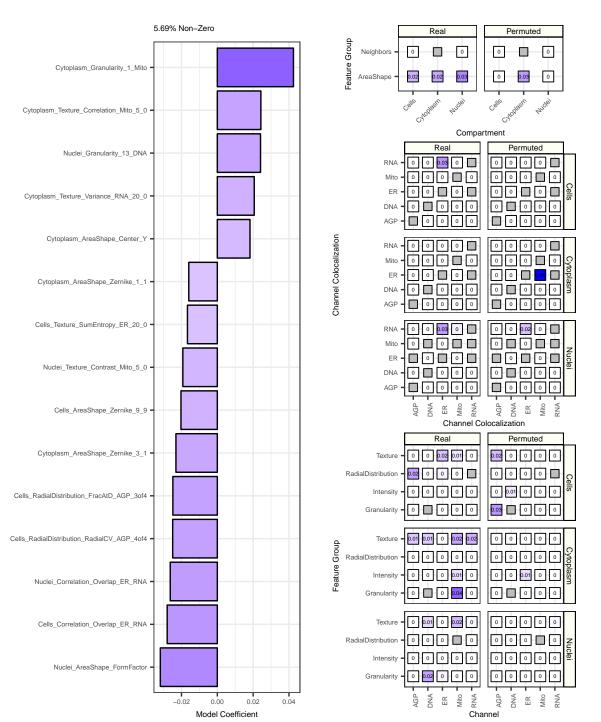
### Polynuclear - # of gH2AX Spots



Max Abs. Weight

0.01

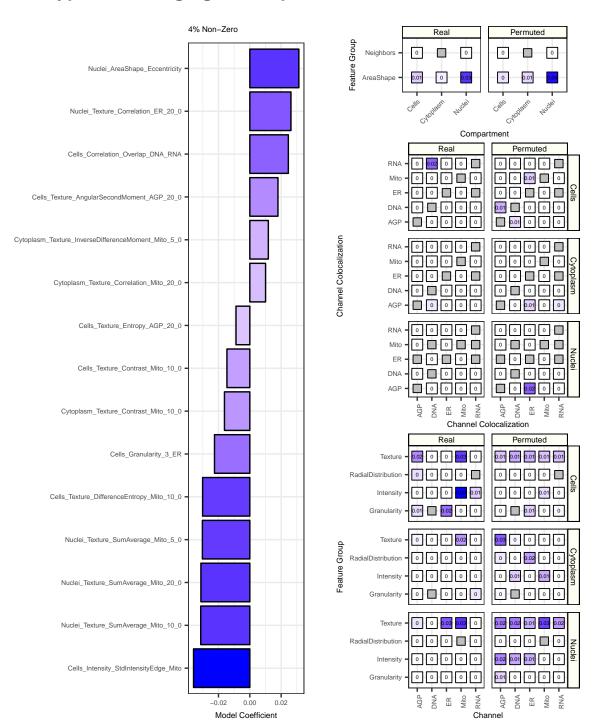
## Polynuclear – # of gH2AX Spots per Area of Nucleus



Max Abs. Weight

> 0.04 0.02 0.00

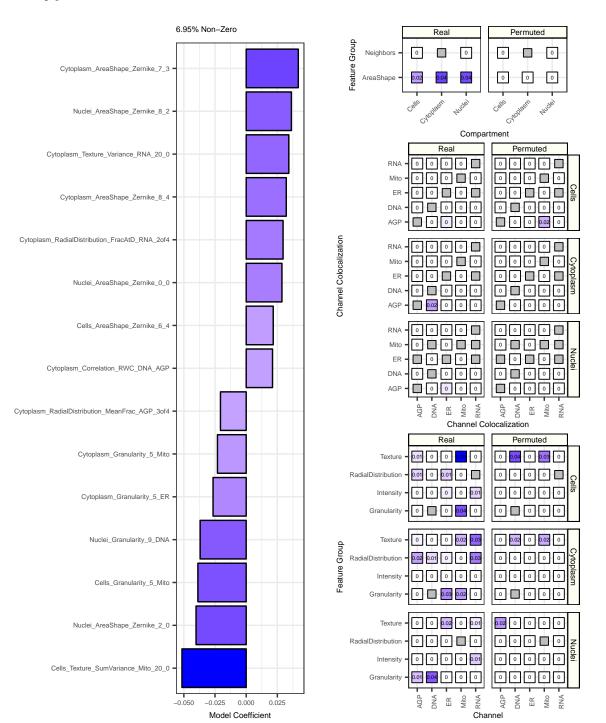
#### Polyploid - % High gH2AX Spots



Max Abs. Weight

> 0.02 0.01 0.00

#### Polyploid - # cells

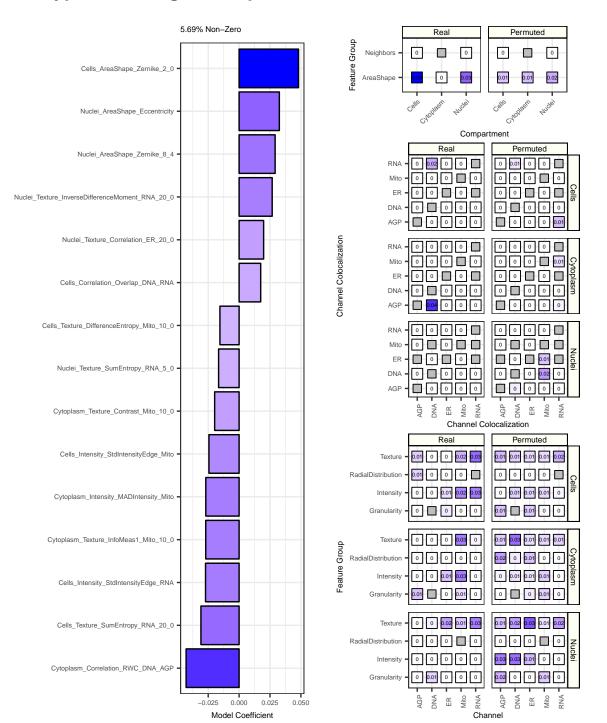


0.00

0.02

0.01

#### Polyploid - # of gH2AX Spots



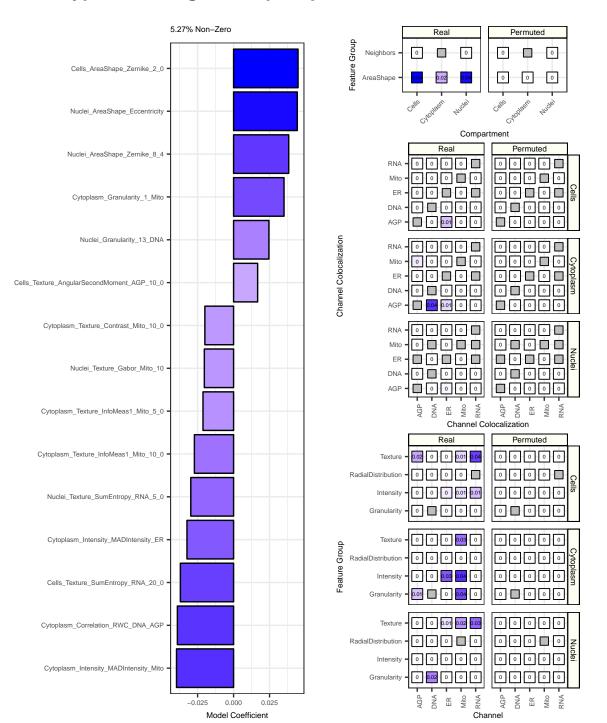
Max Abs. Weight

0.03

0.02

0.01

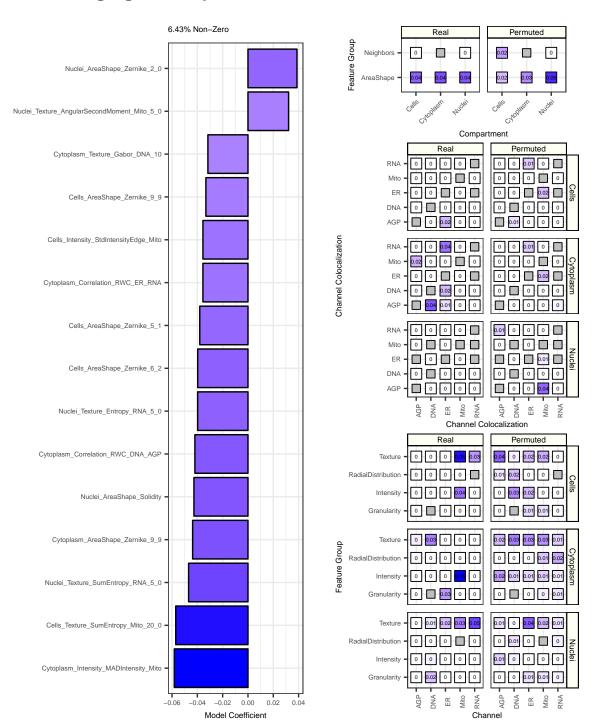
### Polyploid – # of gH2AX Spots per Area of Nucleus



Max Abs. Weight

> 0.02 0.01 0.00

### S - % High gH2AX Spots

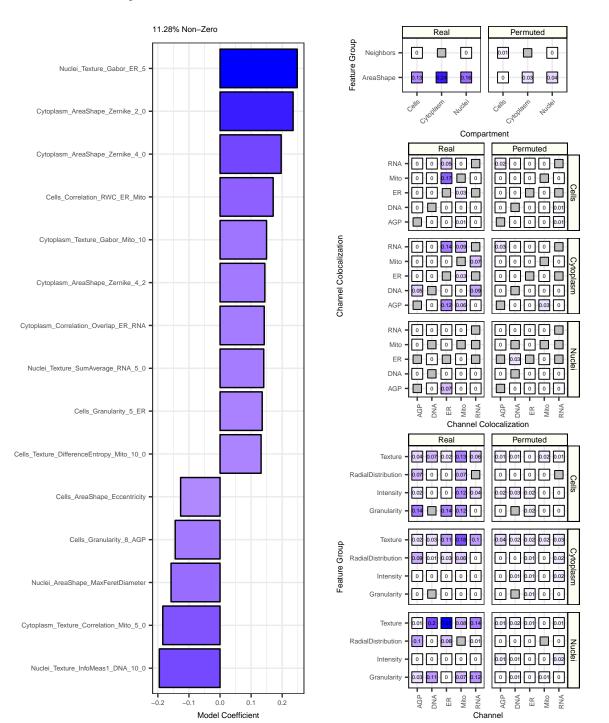


Max Abs. Weight

0.03

0.02 0.01 0.00

### S - Intensity Nucleus EdU Mean



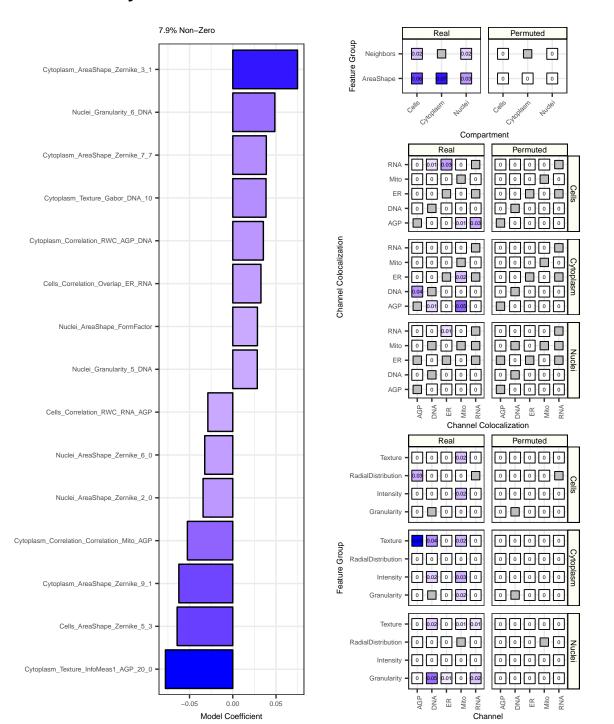
Max Abs. Weight

> 0.15 0.10

0.05

0.00

### S - Intensity Nucleus EdU Sum



Max

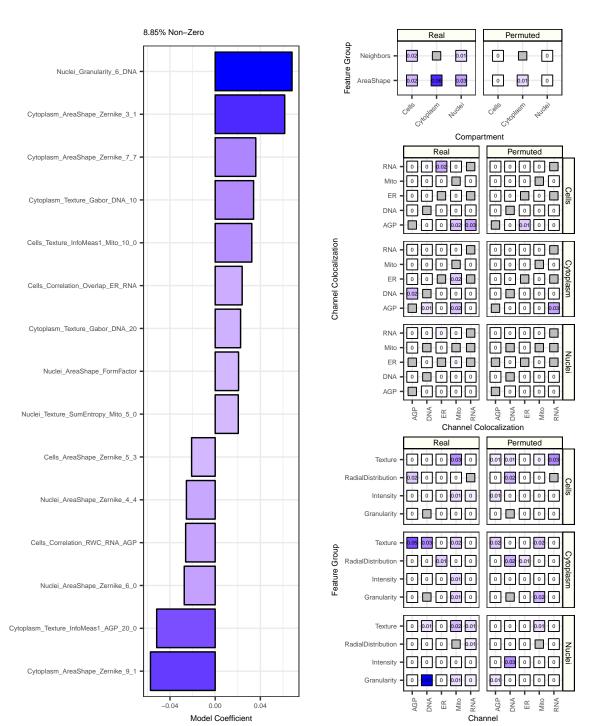
Abs. Weight

0.04

0.02

0.00

#### S - # cells



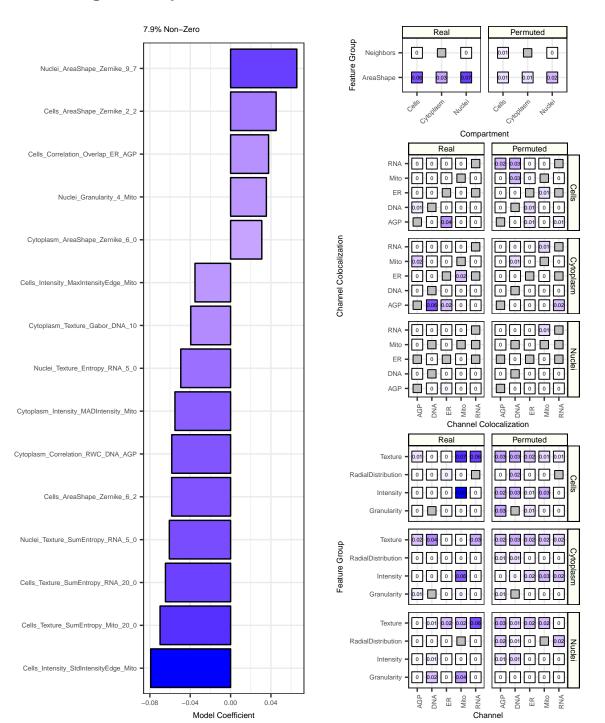
Max Abs. Weight

0.04

0.02

0.00

### S - # of gH2AX Spots



Max

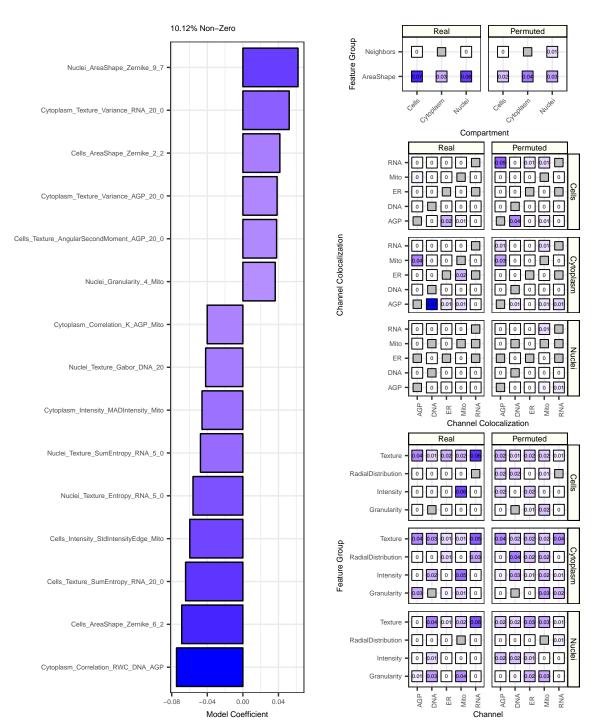
Abs. Weight

0.04

0.02

0.00

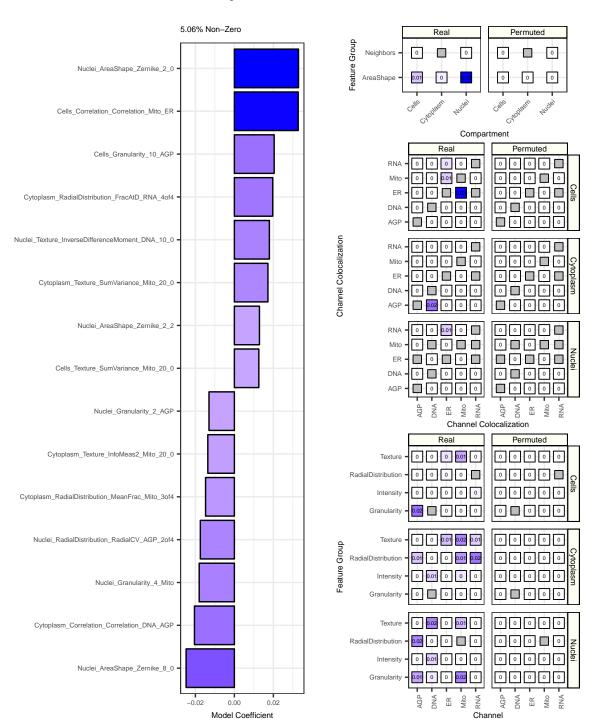
## S - # of gH2AX Spots per Area of Nucleus



Max Abs. Weight

> 0.04 0.02 0.00

### **VB - Infection Efficiency**



Max

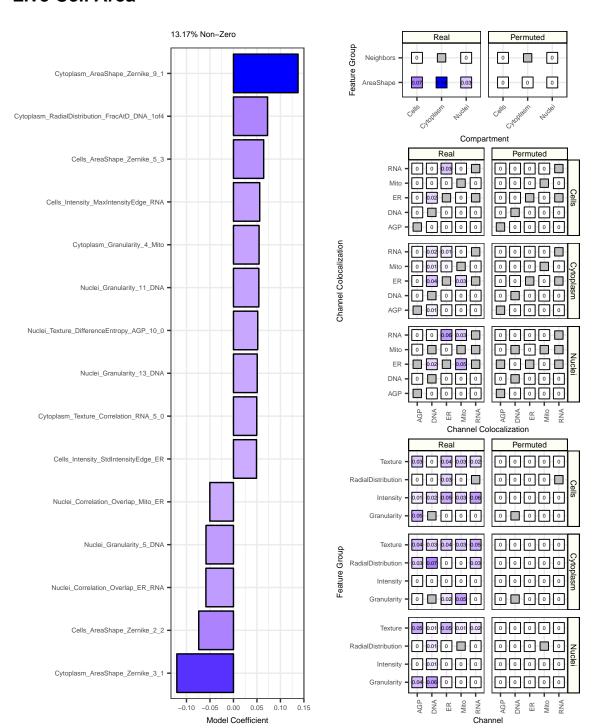
Abs. Weight 0.03

0.02

0.01

0.00

#### **Live Cell Area**



Max

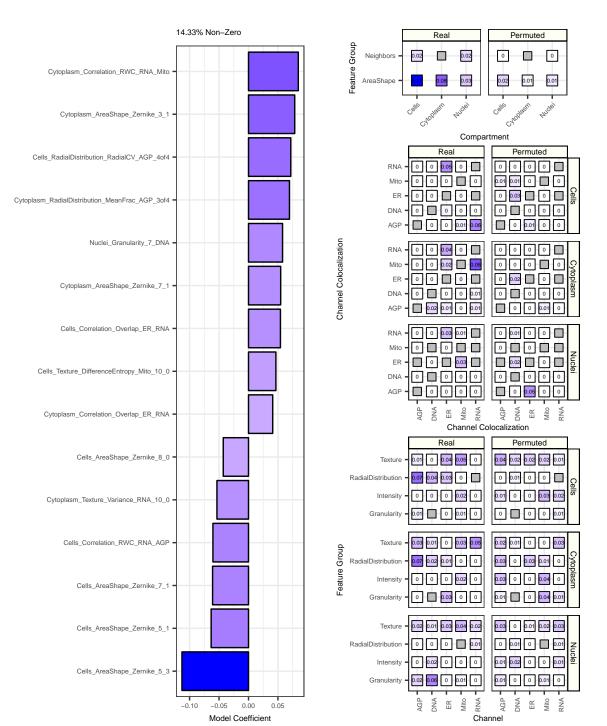
Abs. Weight

0.10

0.05

0.00

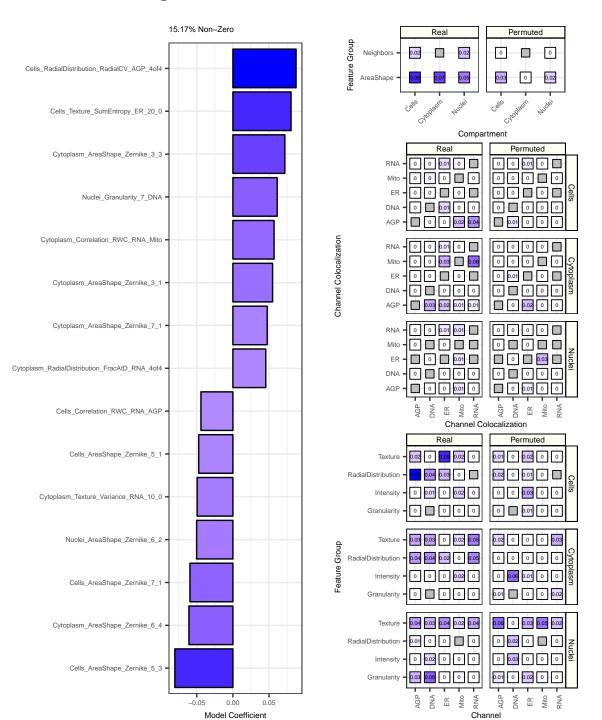
#### **Live Cell Roundness**



Max Abs. Weight

0.03

# **Live Width / Length**



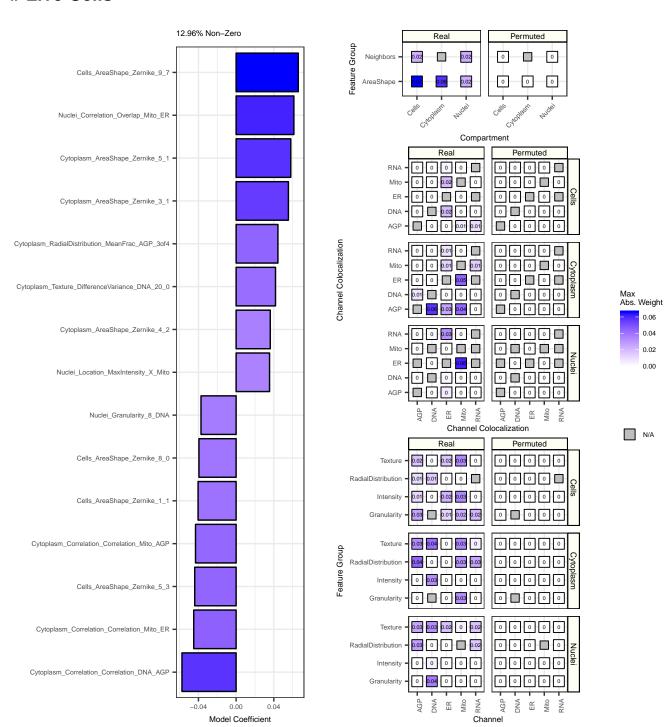
Max Abs. Weight

0.04

0.02

0.00

#### # Live Cells



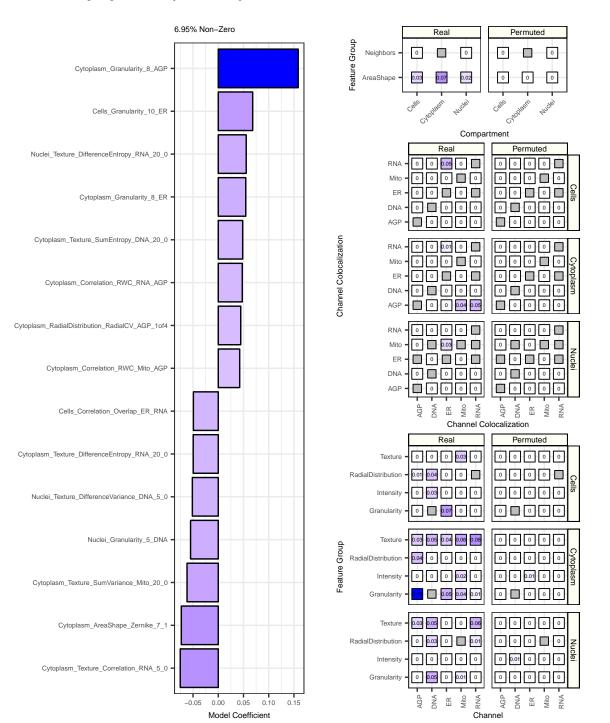
0.06

0.04

0.02

0.00

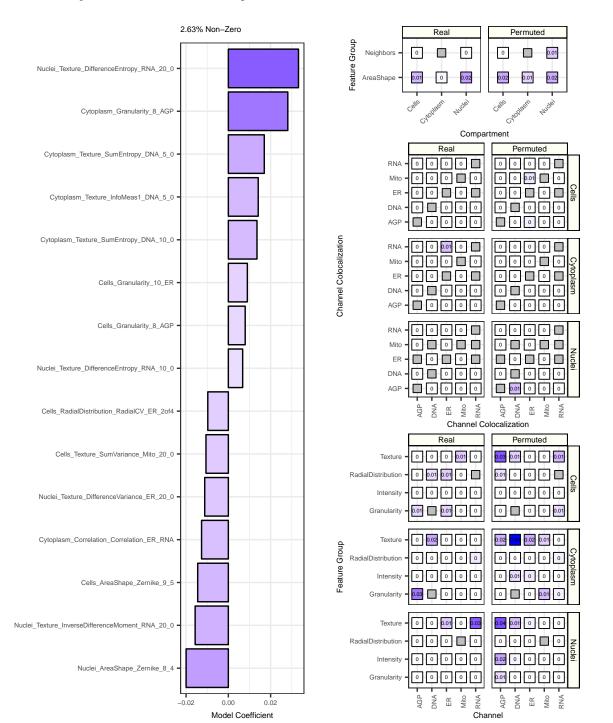
### % All Apoptosis (CASP+)



Max Abs. Weight

> 0.08 0.04 0.00

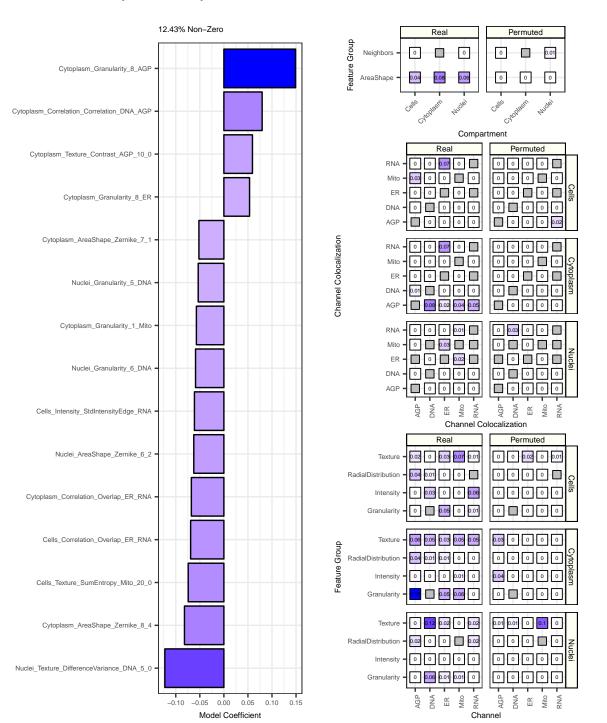
### % Caspase / % Dead Only



Max Abs. Weight

> 0.03 0.02 0.01 0.00

### % All Dead (DRAQ7+)



Max

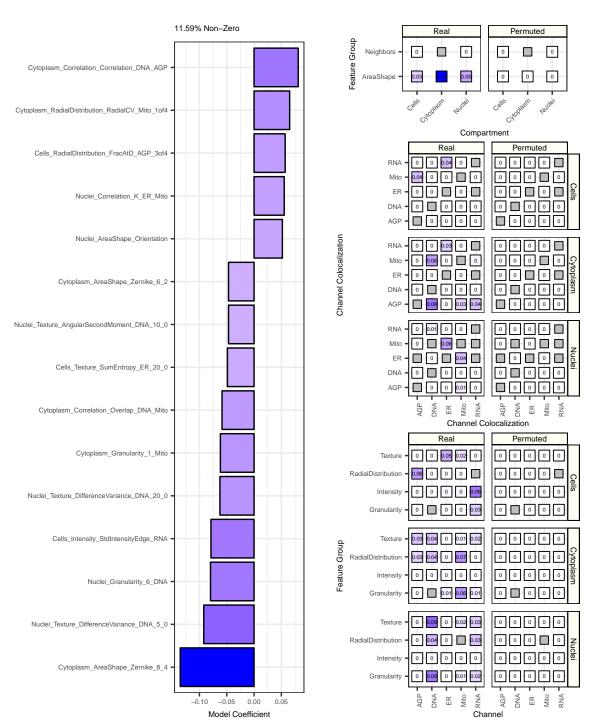
Abs. Weight

0.10

0.05

0.00

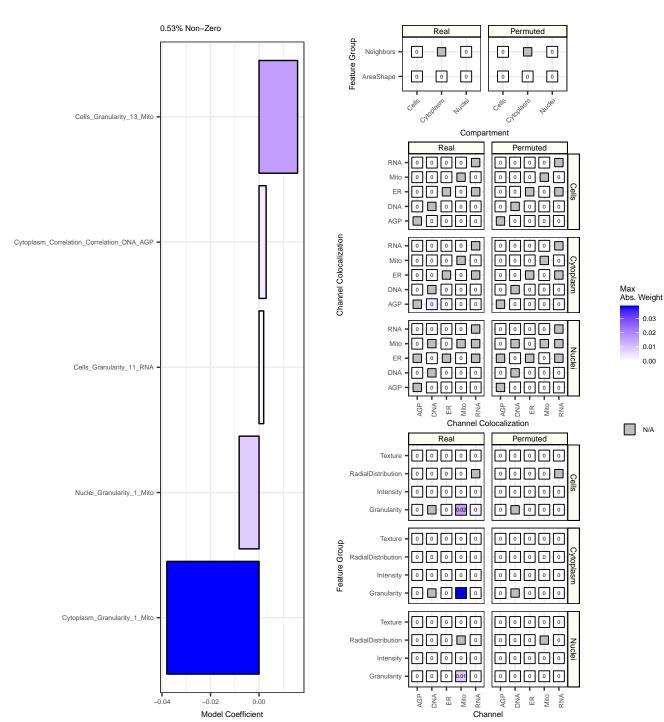
## % Dead Only (CASP-; DRAQ7+)



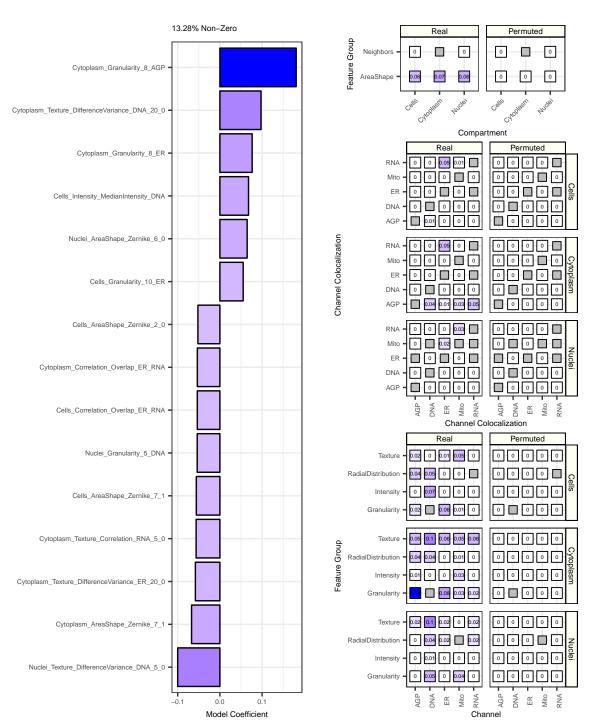
Max Abs. Weight

0.05

# % Early Apoptosis (CASP+; DRAQ7-)



## % Late Apoptosis (CASP+; DRAQ7+)

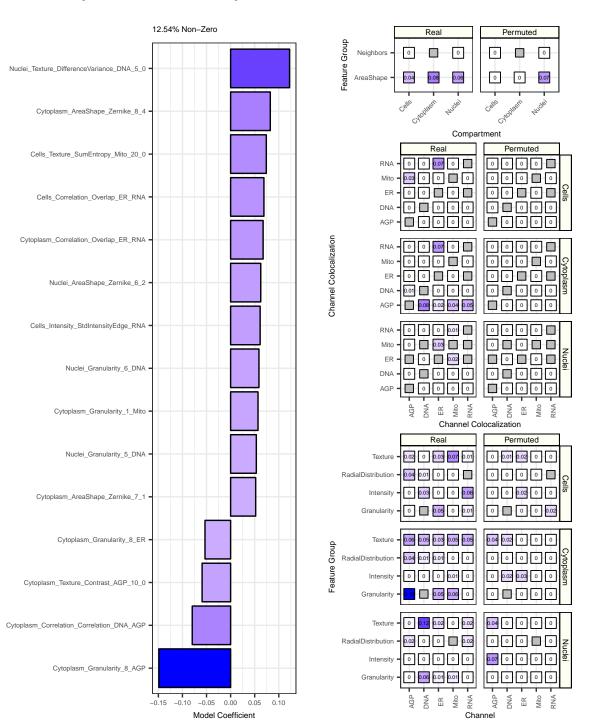


Max Abs. Weight

0.10

0.05

### % Live (DRAQ7-; CASP-)



Max

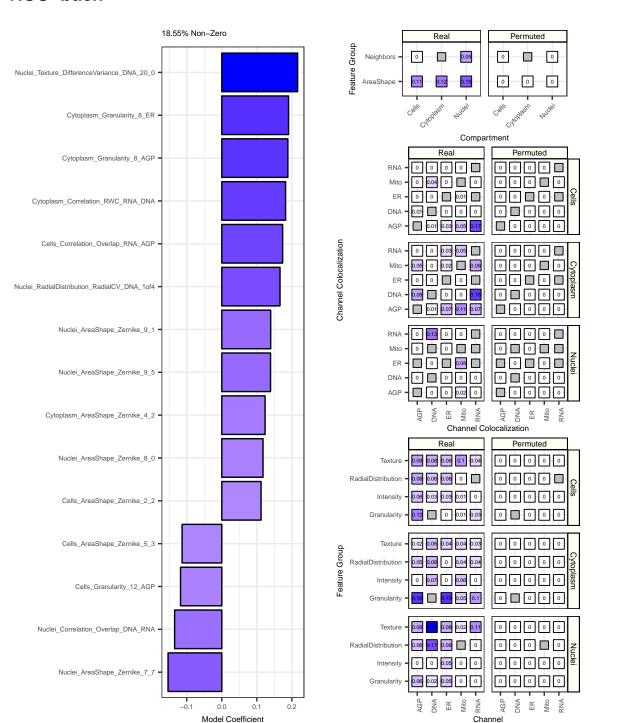
Abs. Weight

0.10

0.05

0.00

#### **ROS-back**



Max Abs. Weight

0.10

0.05

0.00

#### ROS

