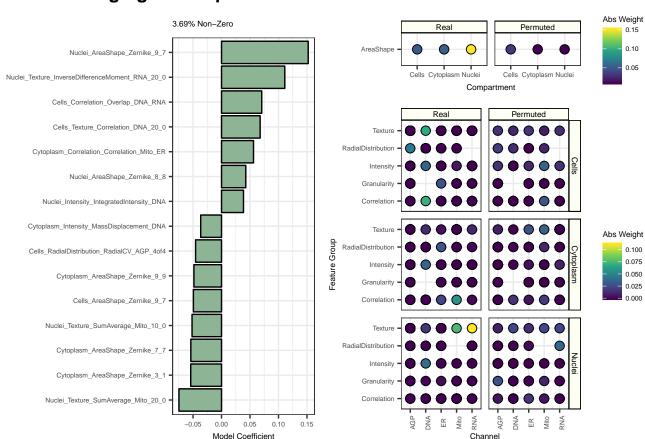
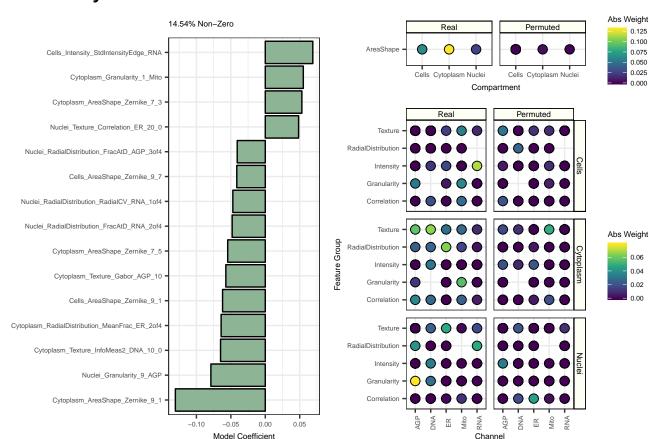
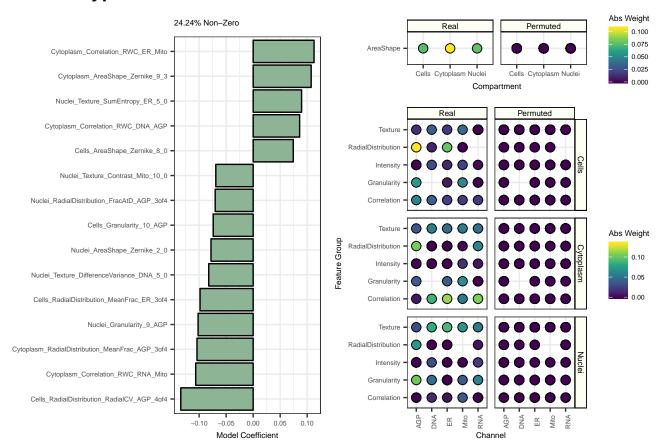
# ALL - % High gH2AX Spots



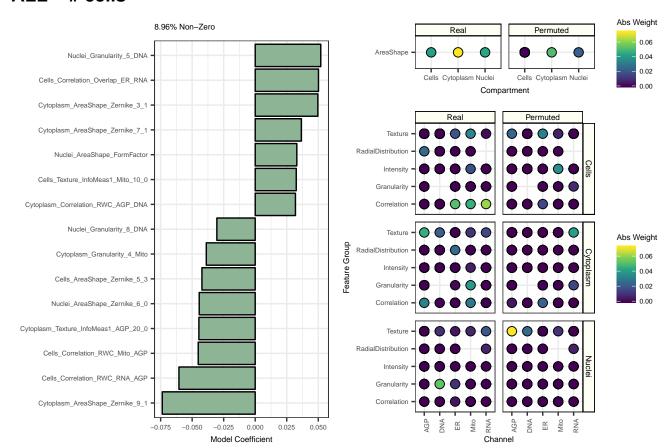
# ALL - Polynuclear



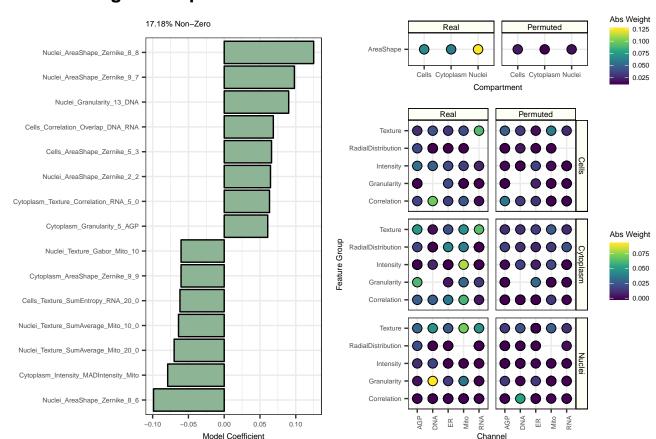
## **ALL - Polyploid**



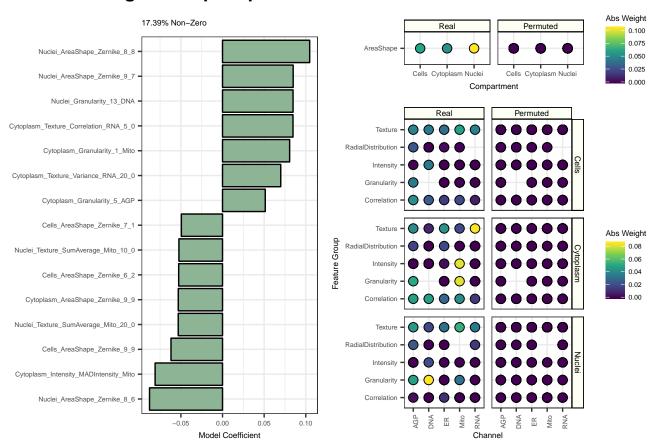
#### ALL - # cells



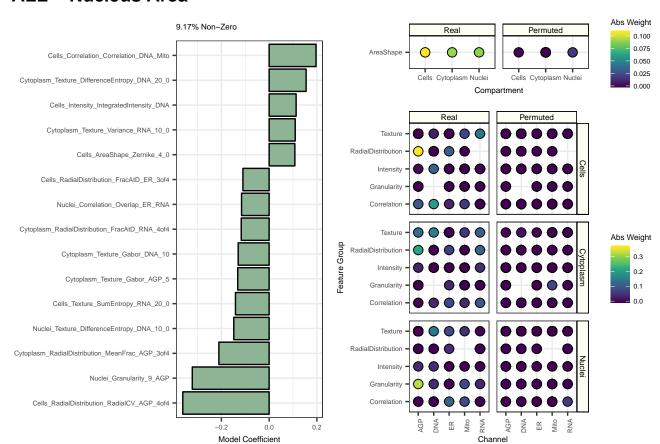
# ALL - # of gH2AX Spots



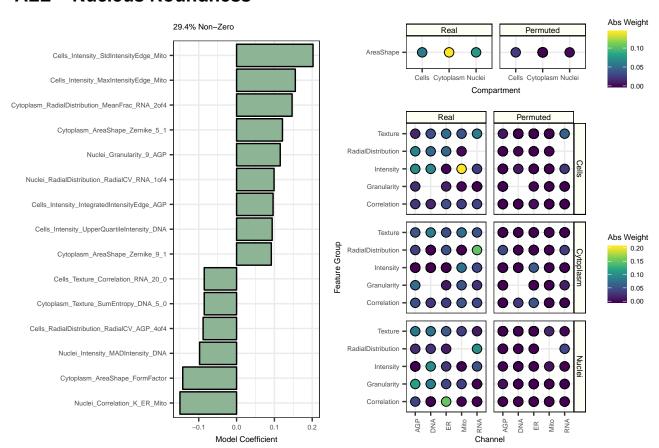
## ALL - # of gH2AX Spots per Area of Nucleus



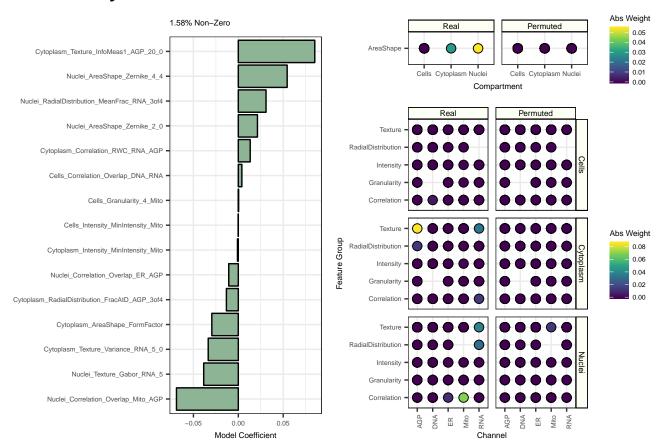
#### **ALL - Nucleus Area**



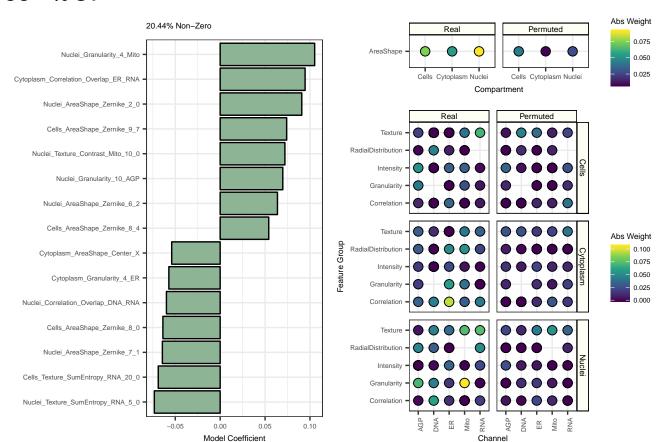
### **ALL - Nucleus Roundness**



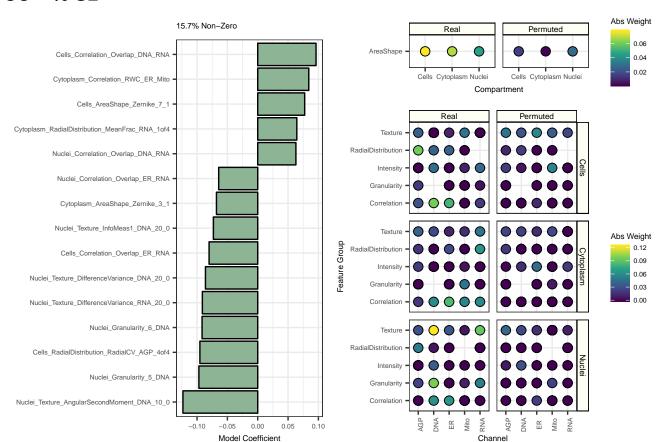
## CC - % early M



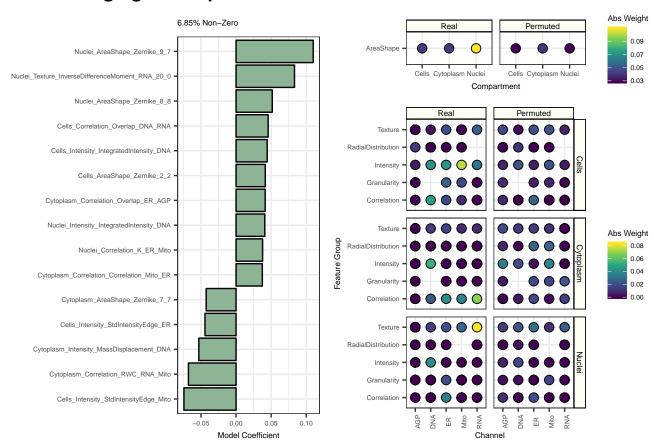
### CC - % G1



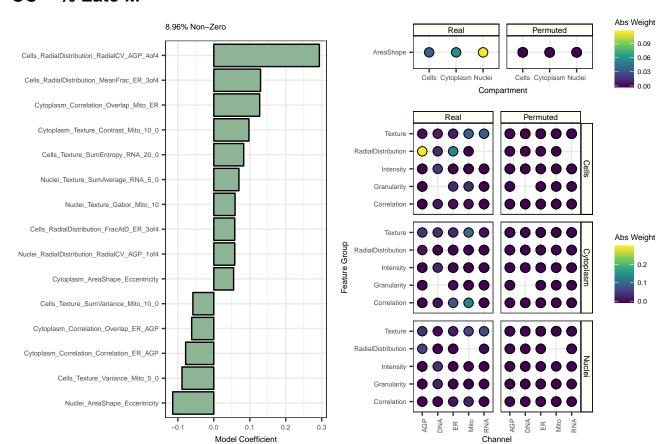
### CC - % G2



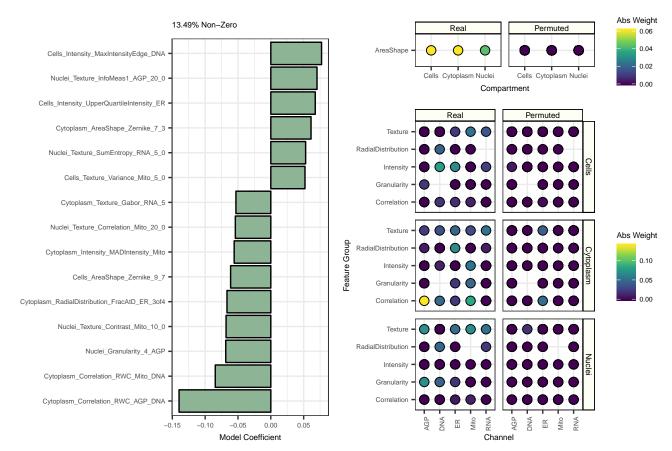
## CC - % High gH2AX spots



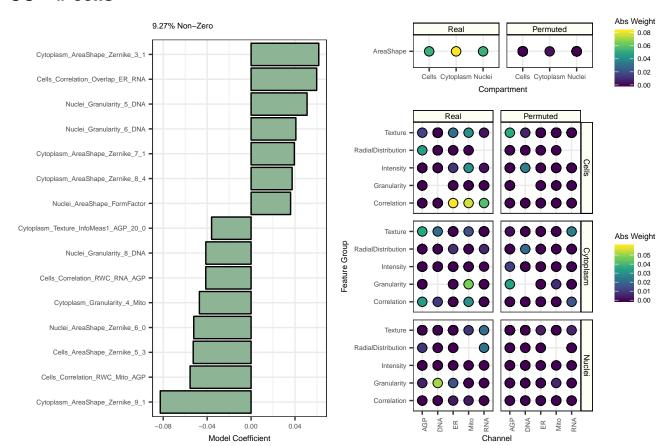
#### CC - % Late M



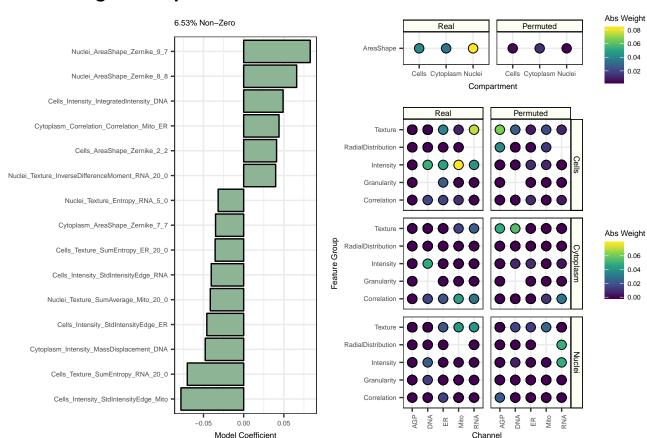
### CC - % M



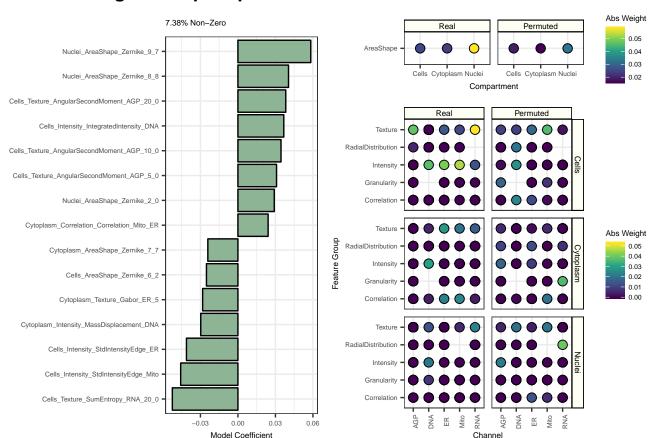
#### CC - # cells



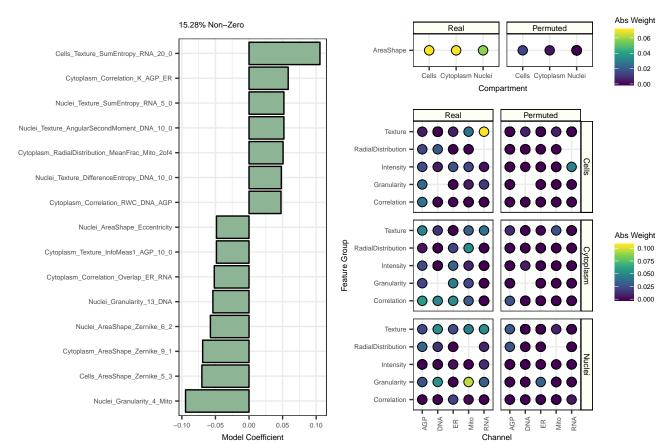
## CC - # of gH2AX Spots



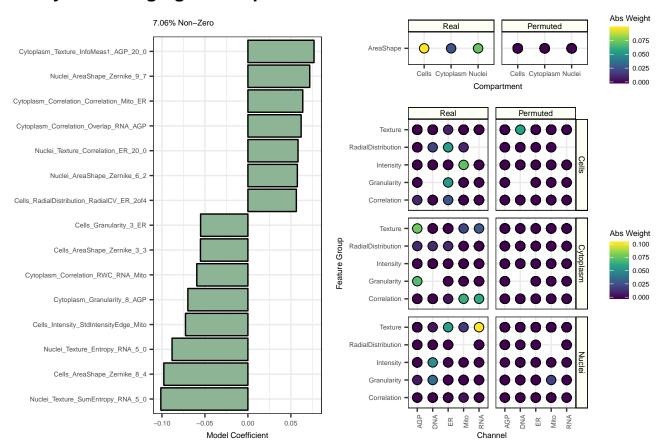
## CC - # of gH2AX Spots per Area of Nucleus



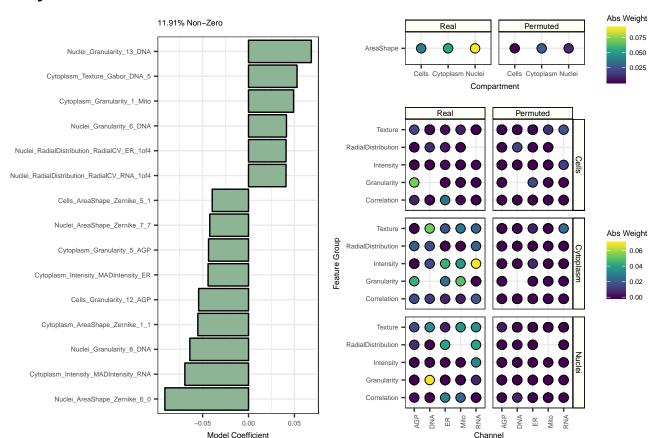
### **CC - % S**



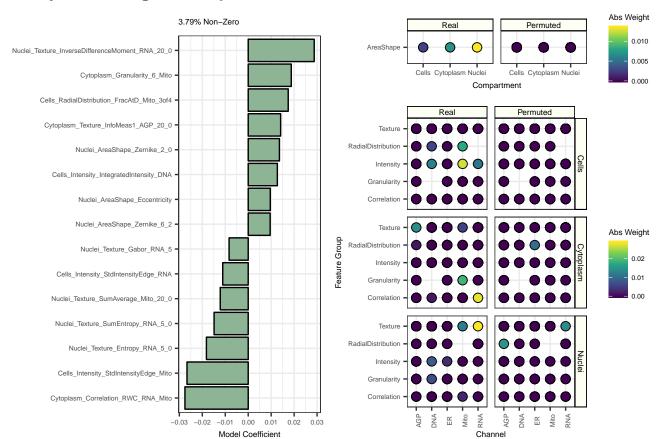
# early M - % High gH2AX Spots



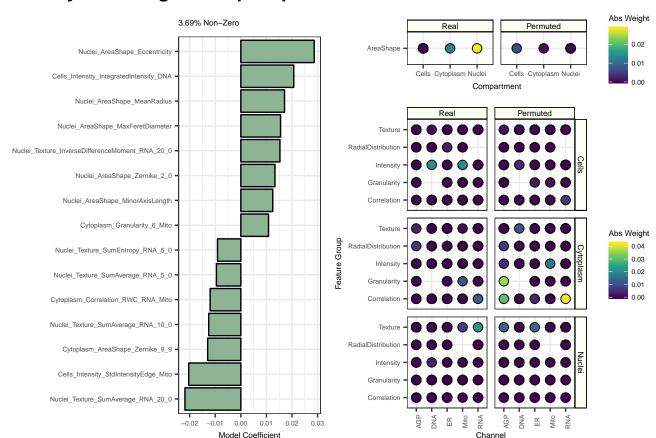
### early M - # cells



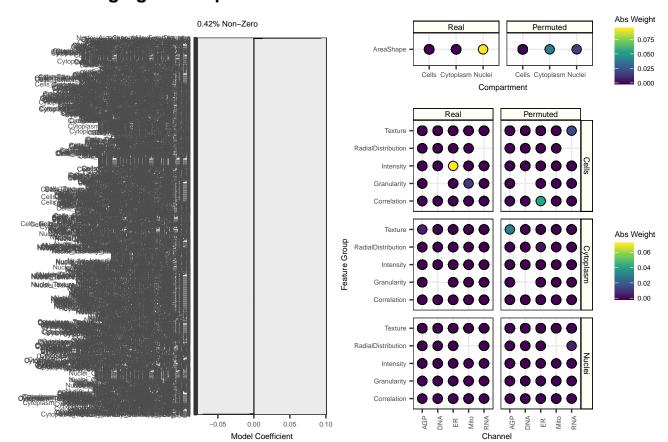
## early M - # of gH2AX Spots



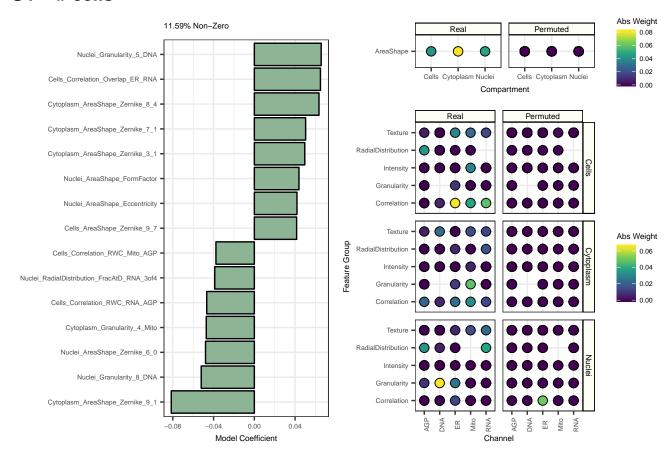
## early M - # of gH2AX Spots per Area of Nucleus



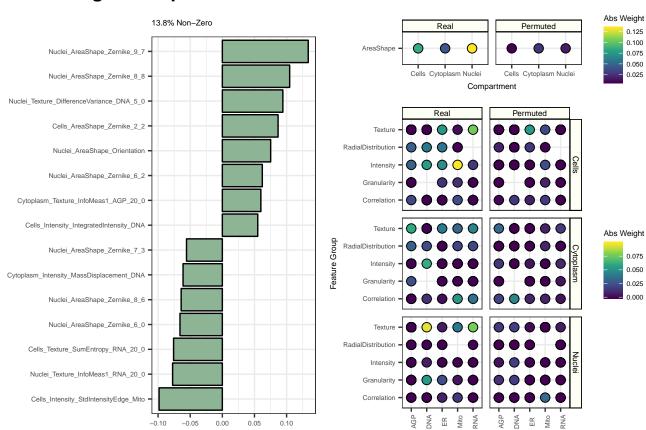
# G1 - % High gH2AX Spots



#### G1 - # cells



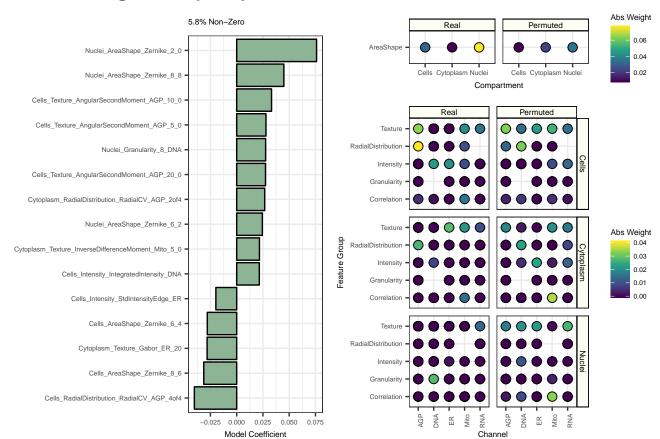
## G1 - # of gH2AX Spots



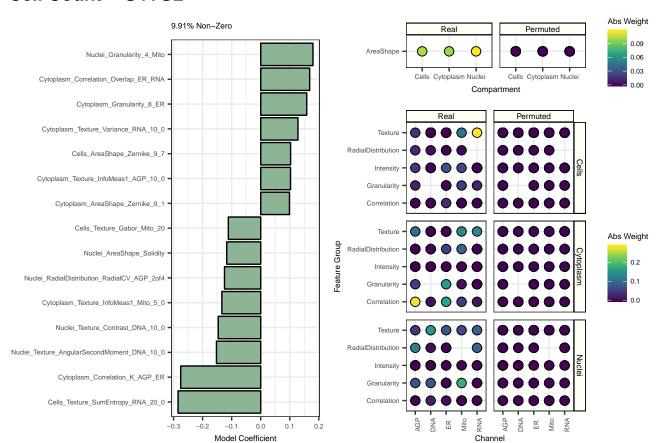
Channel

Model Coefficient

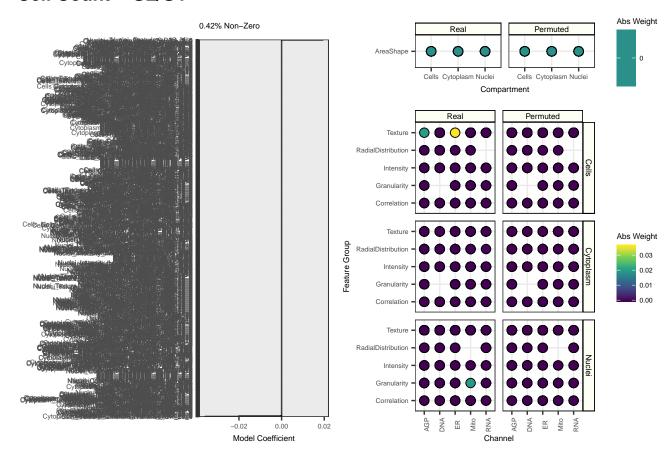
## G1 - # of gH2AX Spots per Area of Nucleus



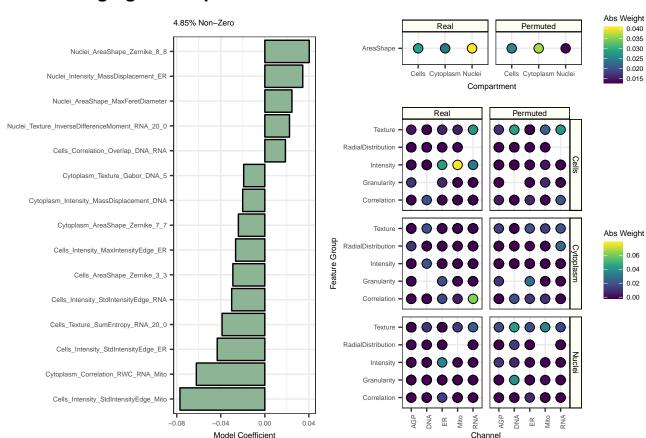
### Cell Count - G1+G2



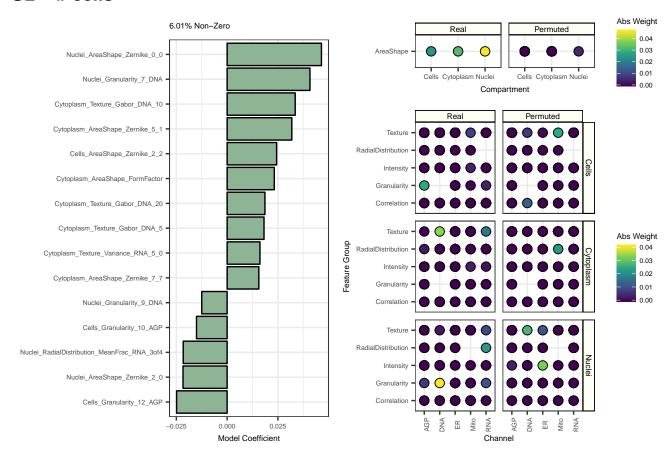
### Cell Count - G2/G1



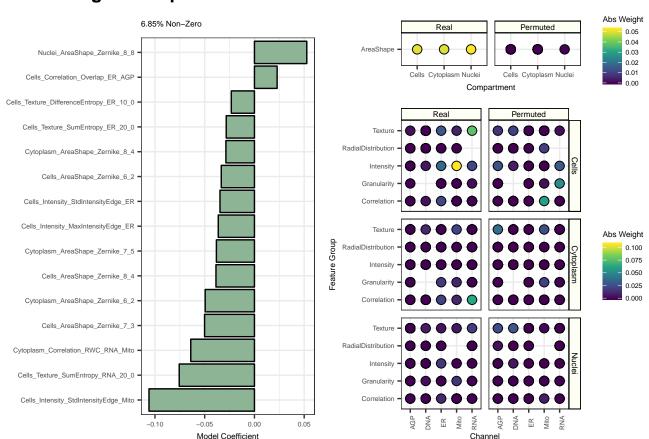
## **G2 - % High gH2AX Spots**



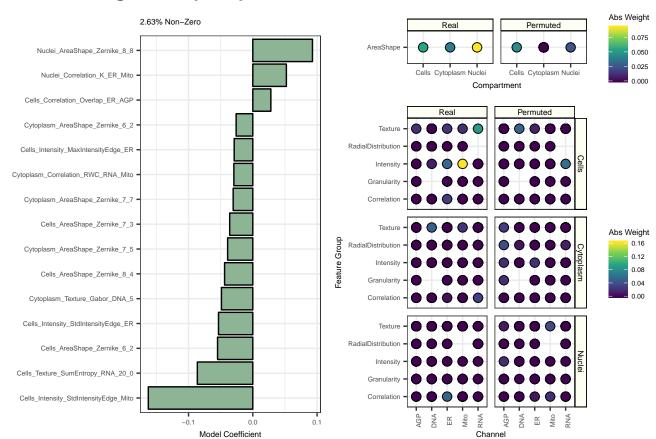
### G2 - # cells



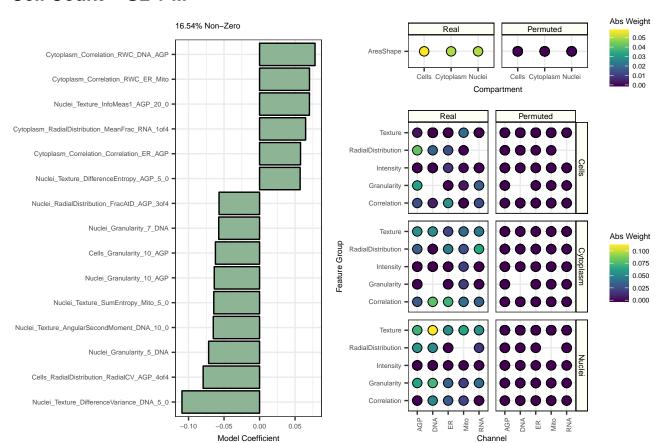
## G2 – # of gH2AX Spots



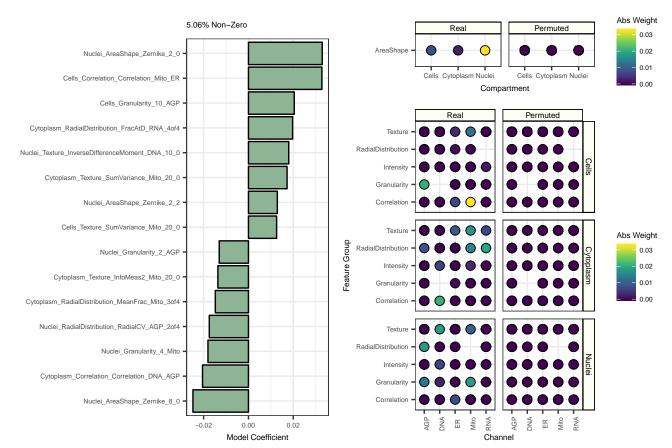
# G2 - # of gH2AX Spots per Area of Nucleus



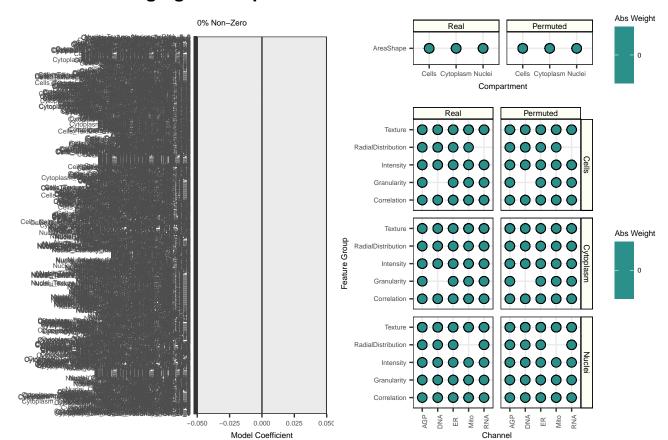
### Cell Count - G2 + M



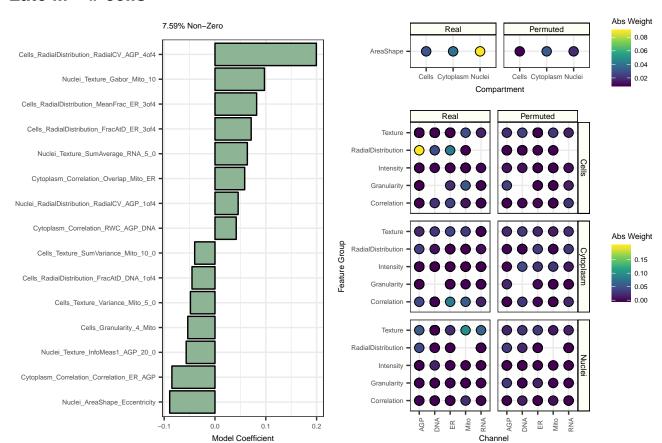
### Inf %



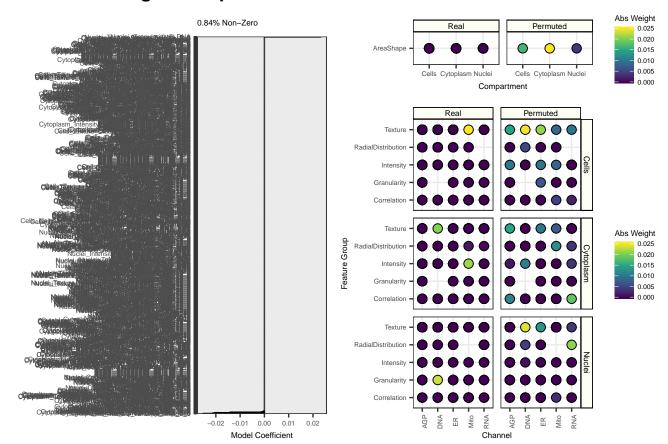
## Late M – % High gH2AX Spots



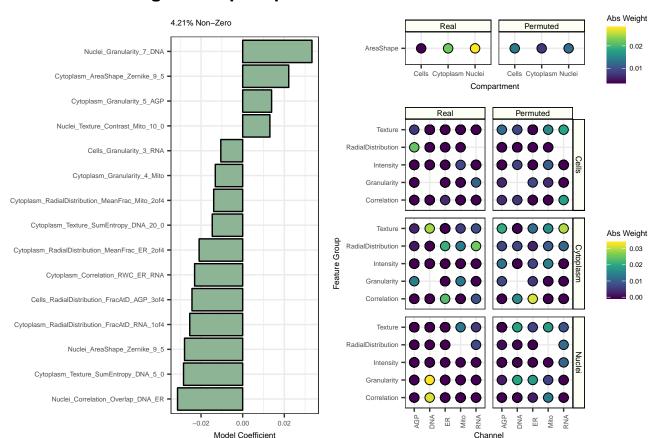
### Late M - # cells



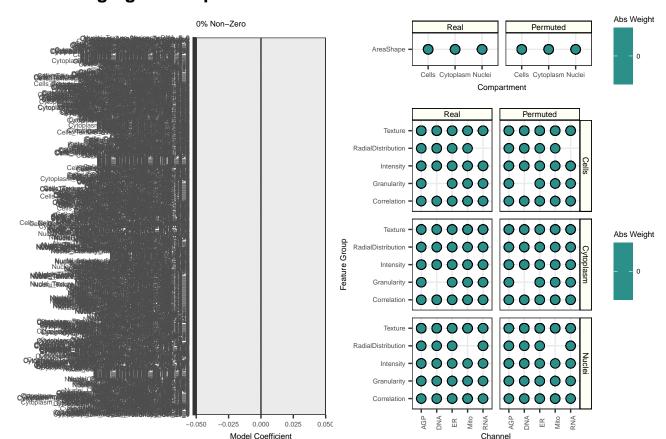
### Late M - # of gH2AX Spots



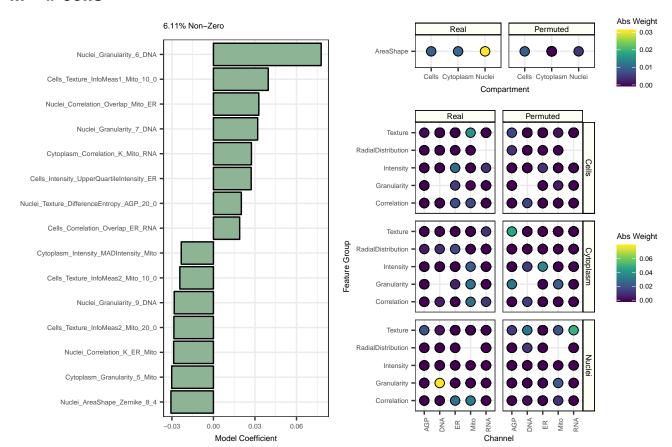
# Late M - # of gH2AX Spots per Area of Nucleus



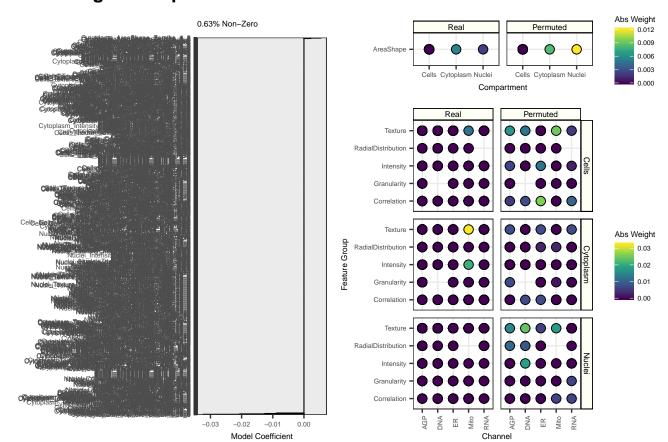
# M - % High gH2AX Spots



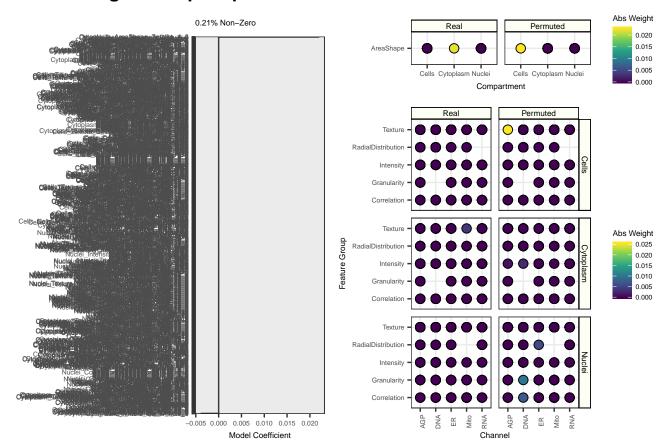
#### M - # cells



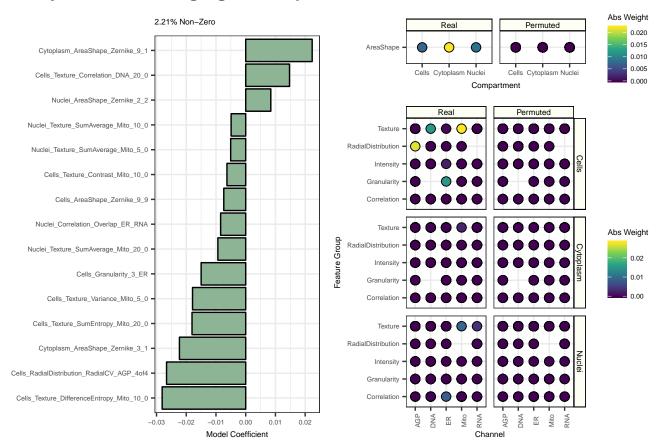
# M – # of gH2AX Spots



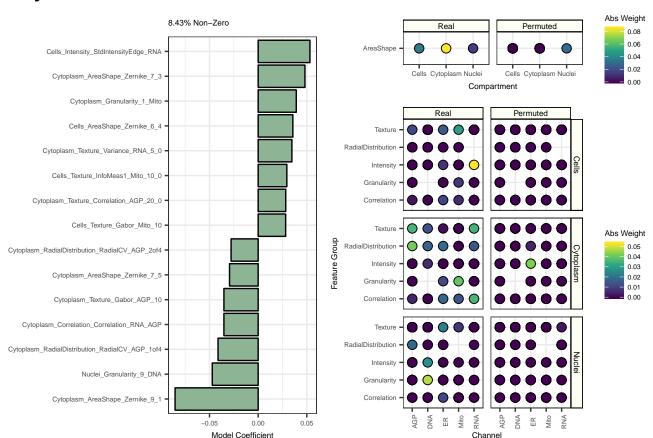
# M – # of gH2AX Spots per Area of Nucleus



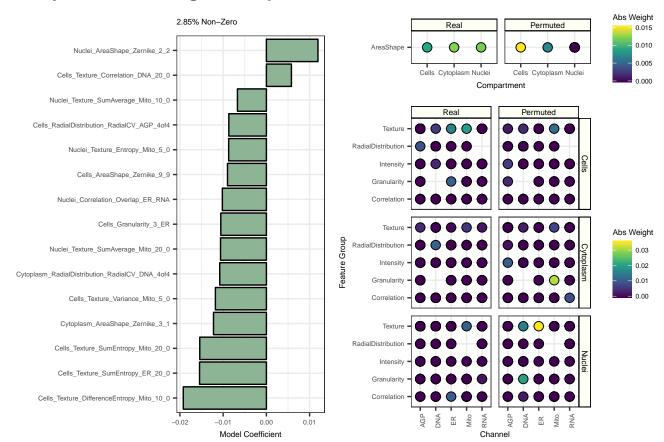
# Polynuclear - % High gH2AX Spots



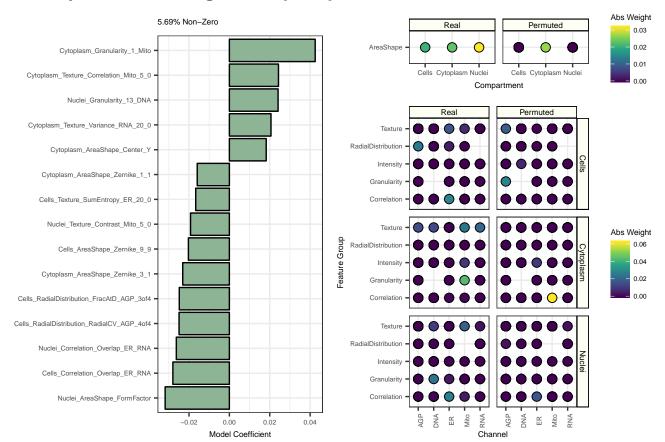
### Polynuclear - # cells



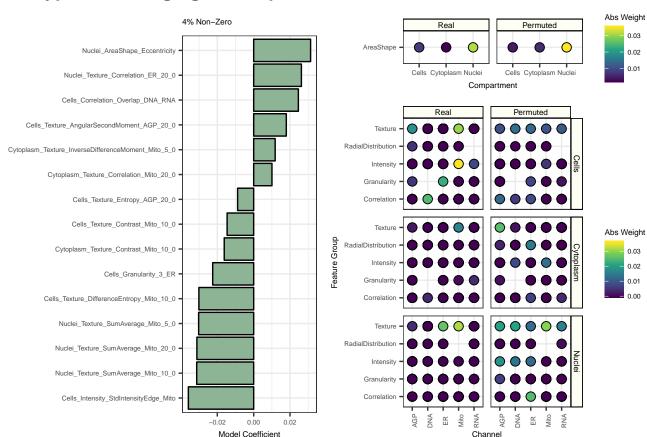
# Polynuclear - # of gH2AX Spots



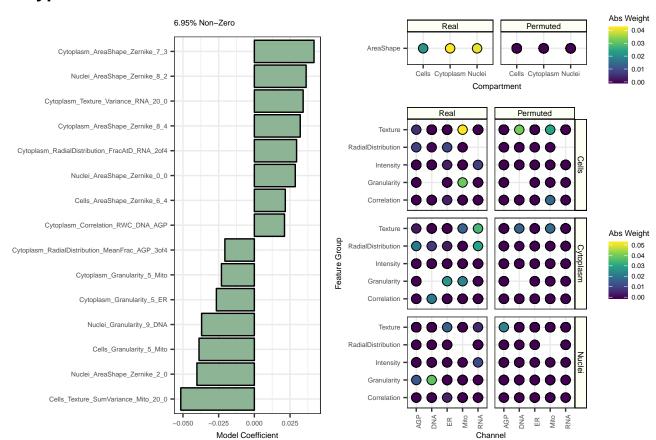
# Polynuclear – # of gH2AX Spots per Area of Nucleus



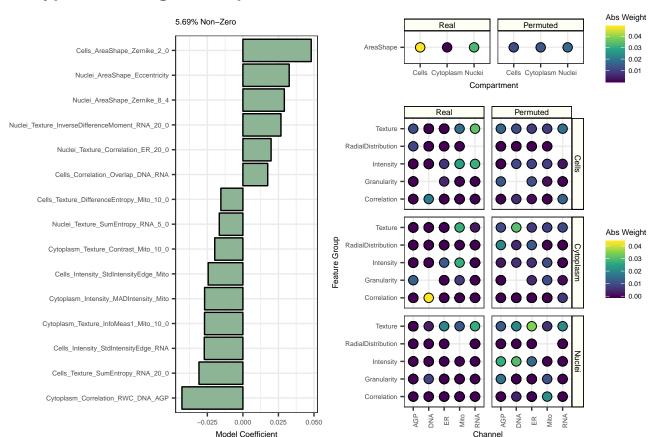
# Polyploid - % High gH2AX Spots



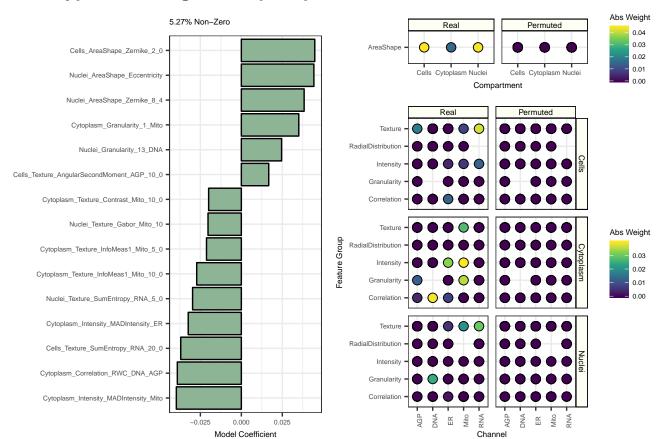
### Polyploid - # cells



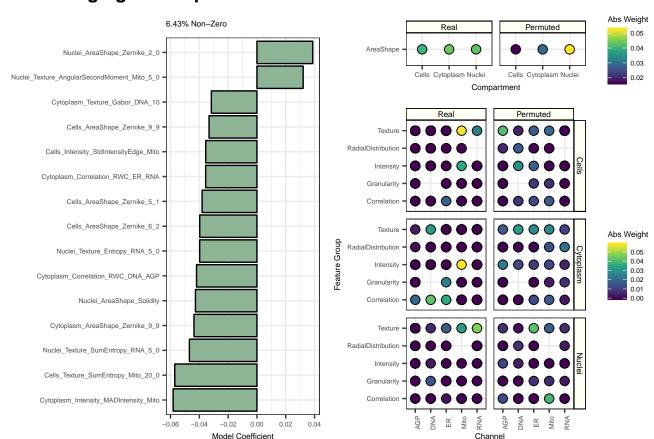
# Polyploid - # of gH2AX Spots



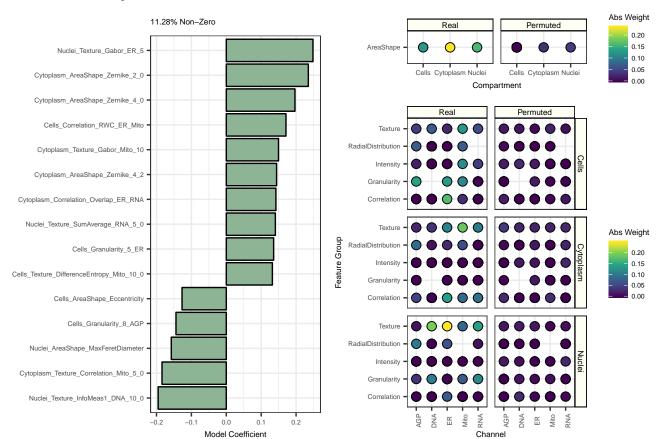
# Polyploid - # of gH2AX Spots per Area of Nucleus



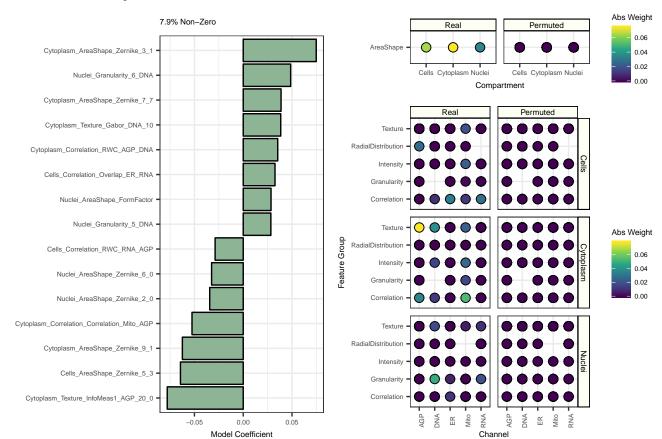
# S - % High gH2AX Spots



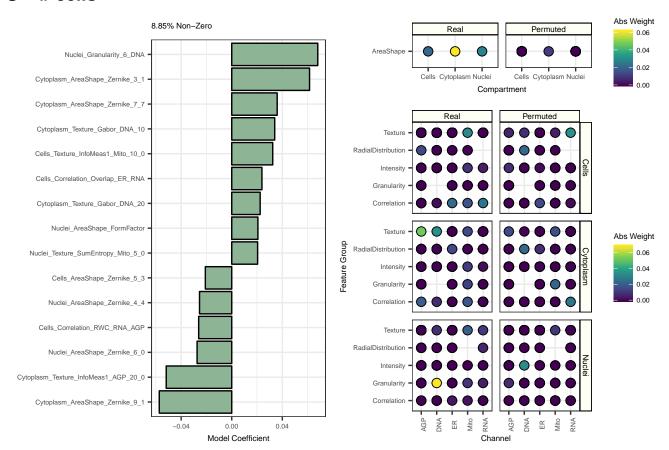
# **S – Intensity Nucleus EdU Mean**



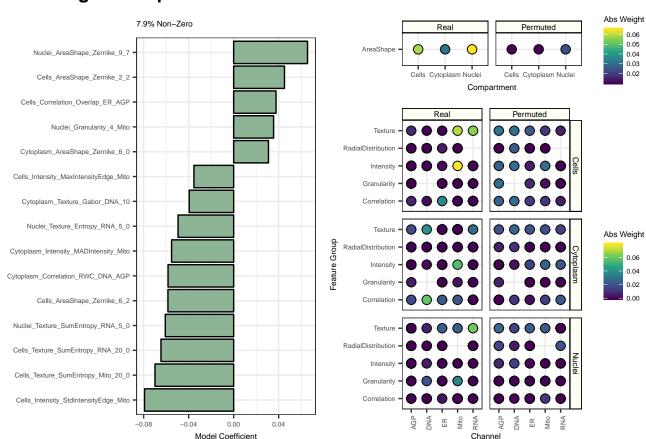
# S - Intensity Nucleus EdU Sum



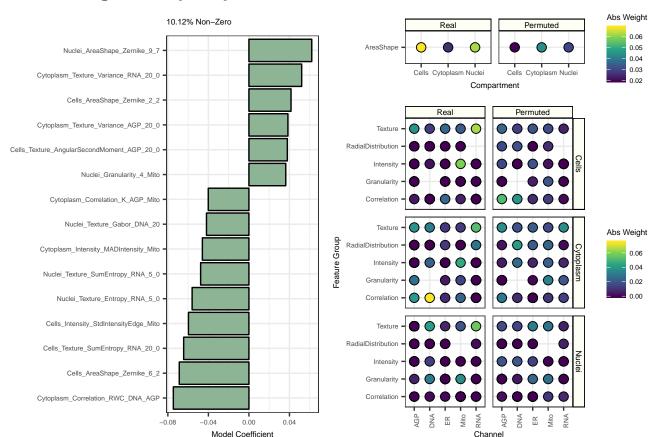
#### S - # cells



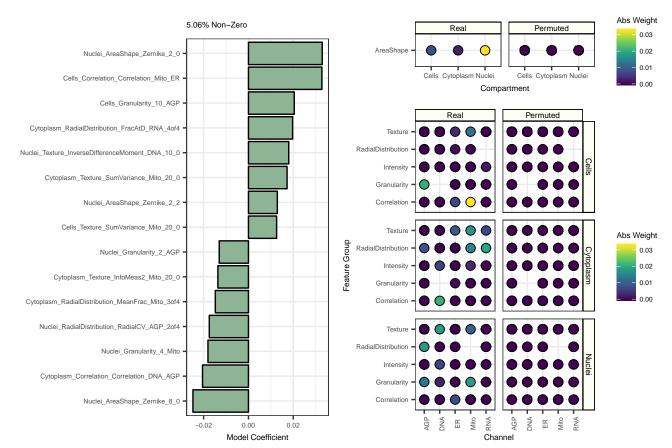
### S - # of gH2AX Spots



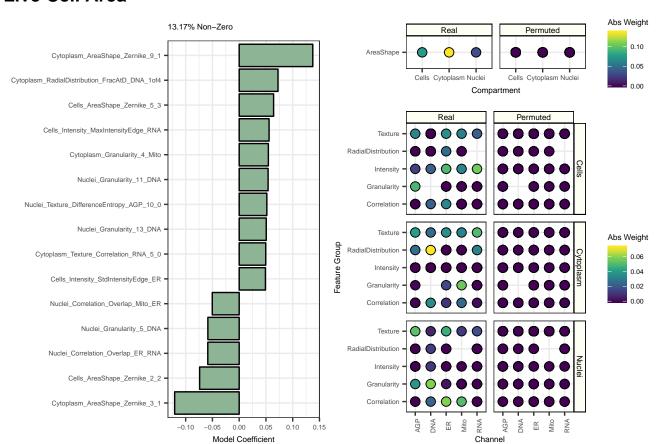
# S – # of gH2AX Spots per Area of Nucleus



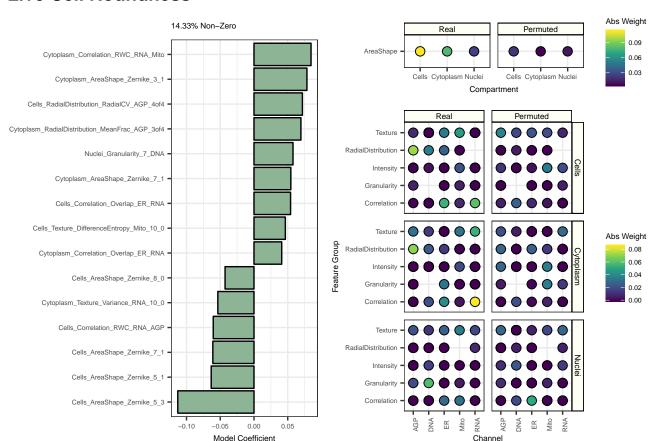
#### % Inf



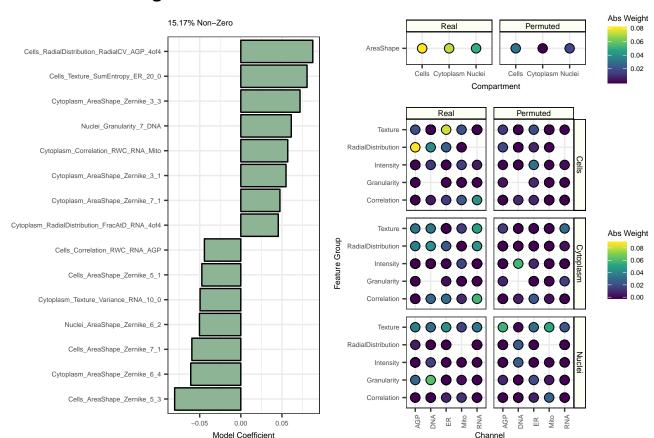
#### **Live Cell Area**



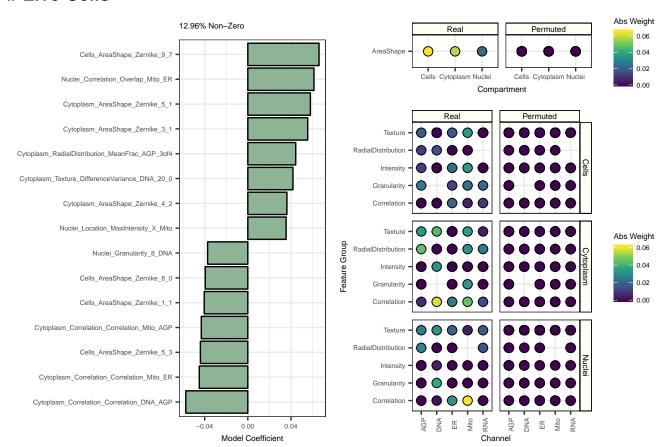
#### **Live Cell Roundness**



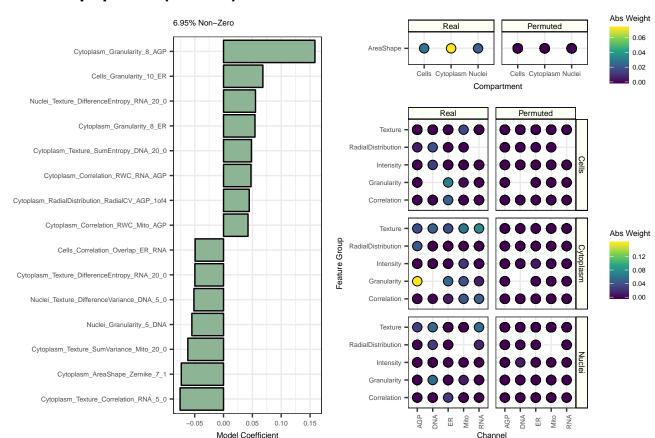
### Live Width / Length



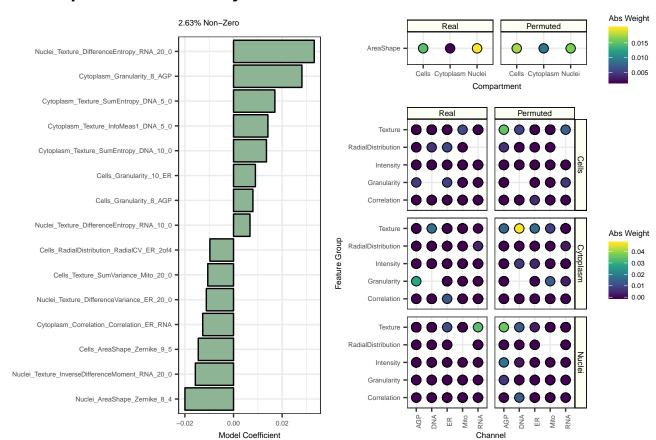
#### # Live Cells



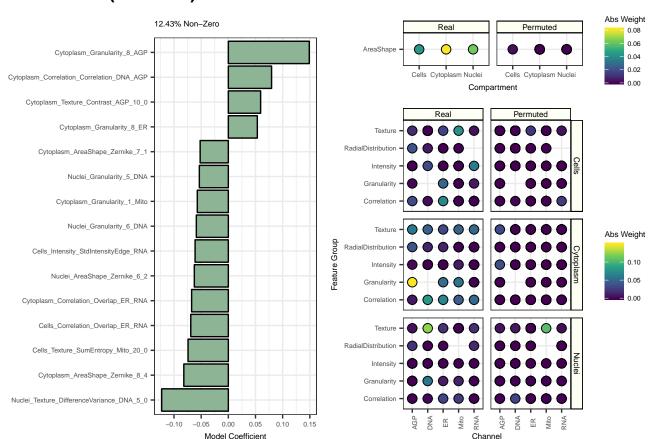
# % All Apoptosis (CASP+)



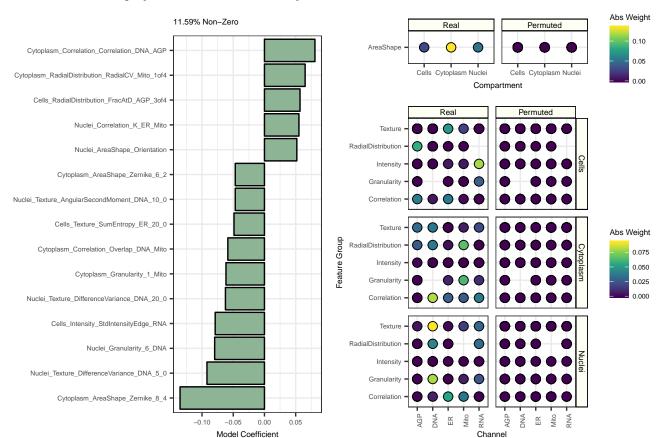
# % Caspase / % Dead Only



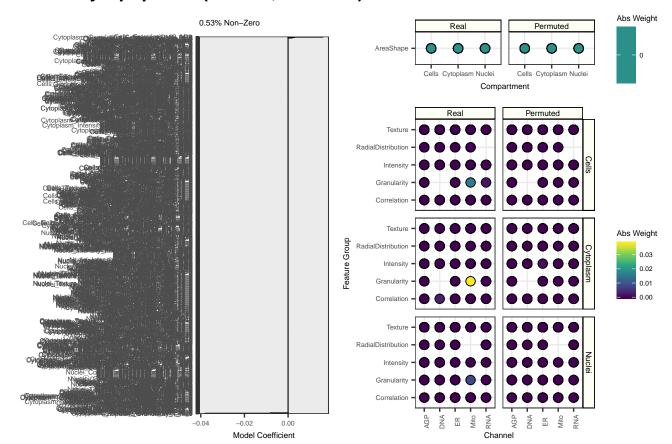
## % All Dead (DRAQ7+)



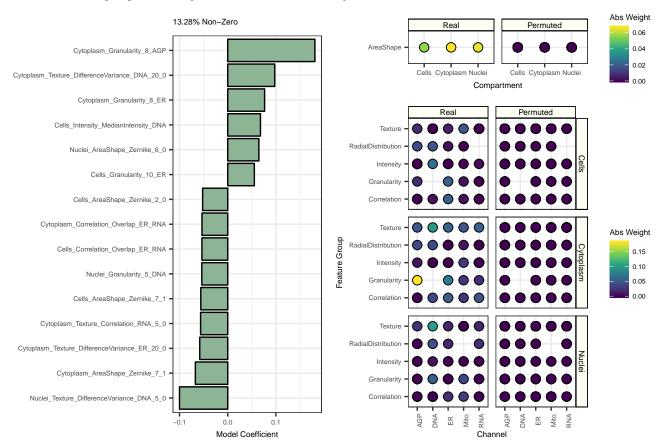
# % Dead Only (CASP-; DRAQ7+)



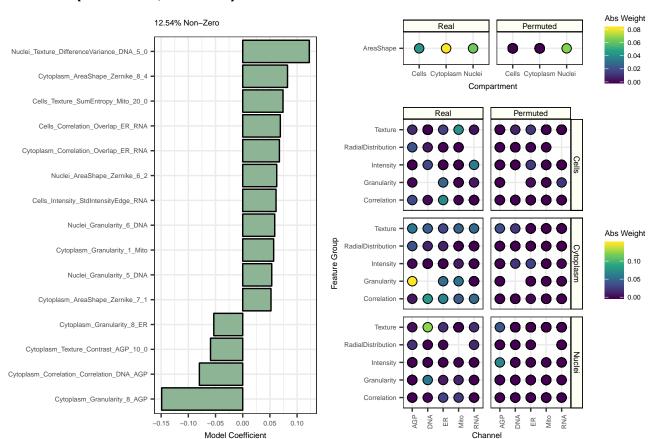
# % Early Apoptosis (CASP+; DRAQ7-)



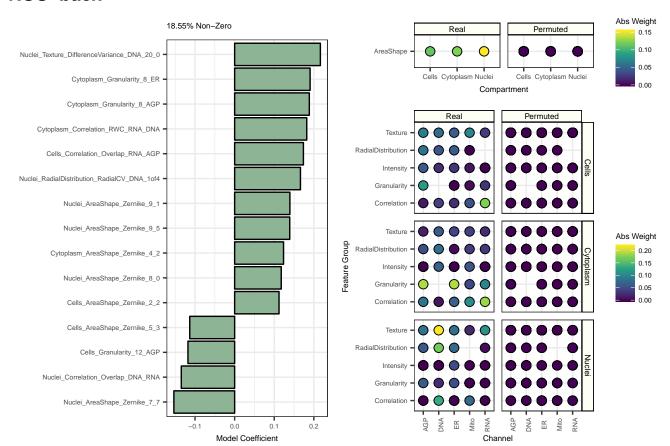
# % Late Apoptosis (CASP+; DRAQ7+)



# % Live (DRAQ7-; CASP-)



#### **ROS-back**



### ROS

