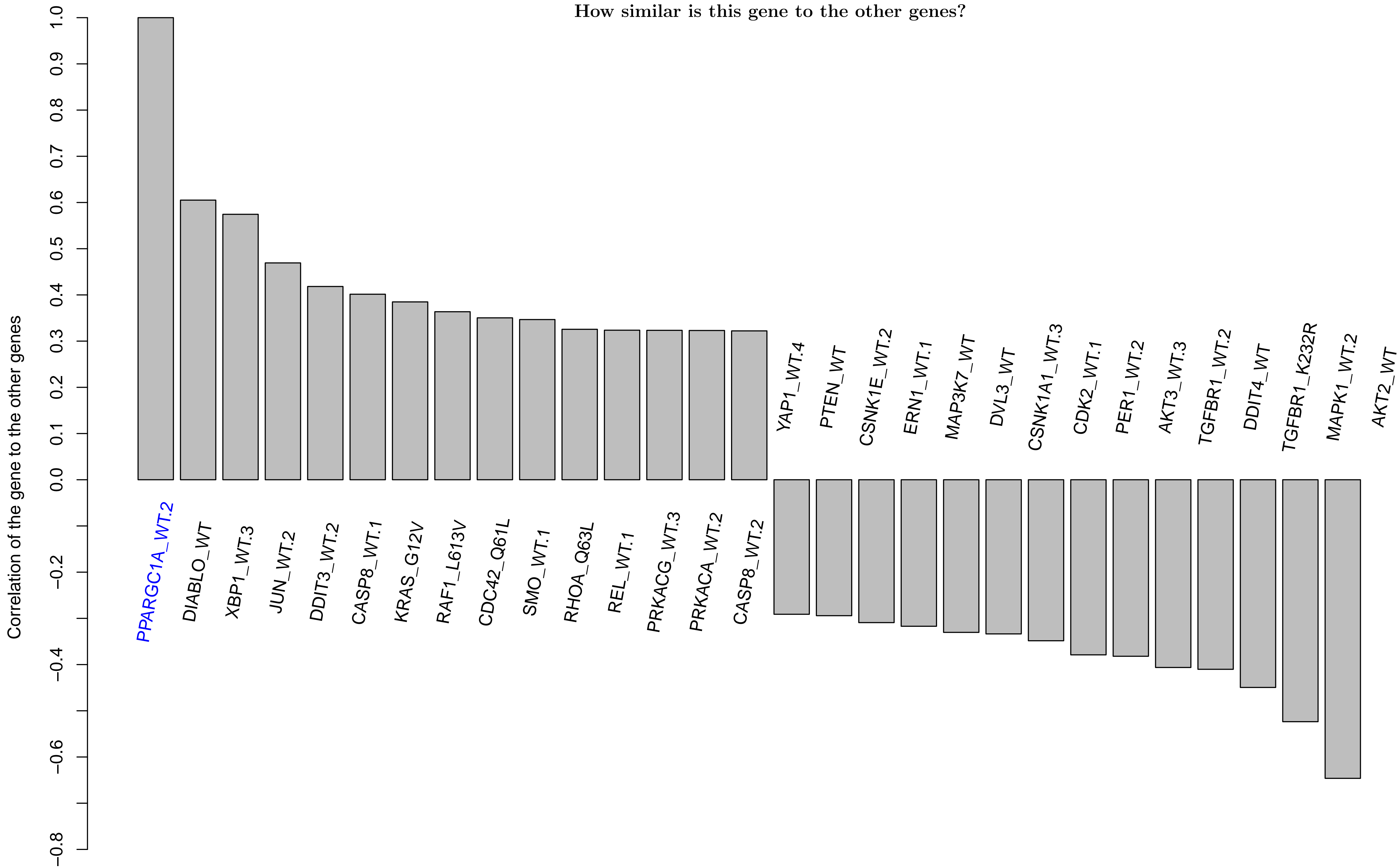
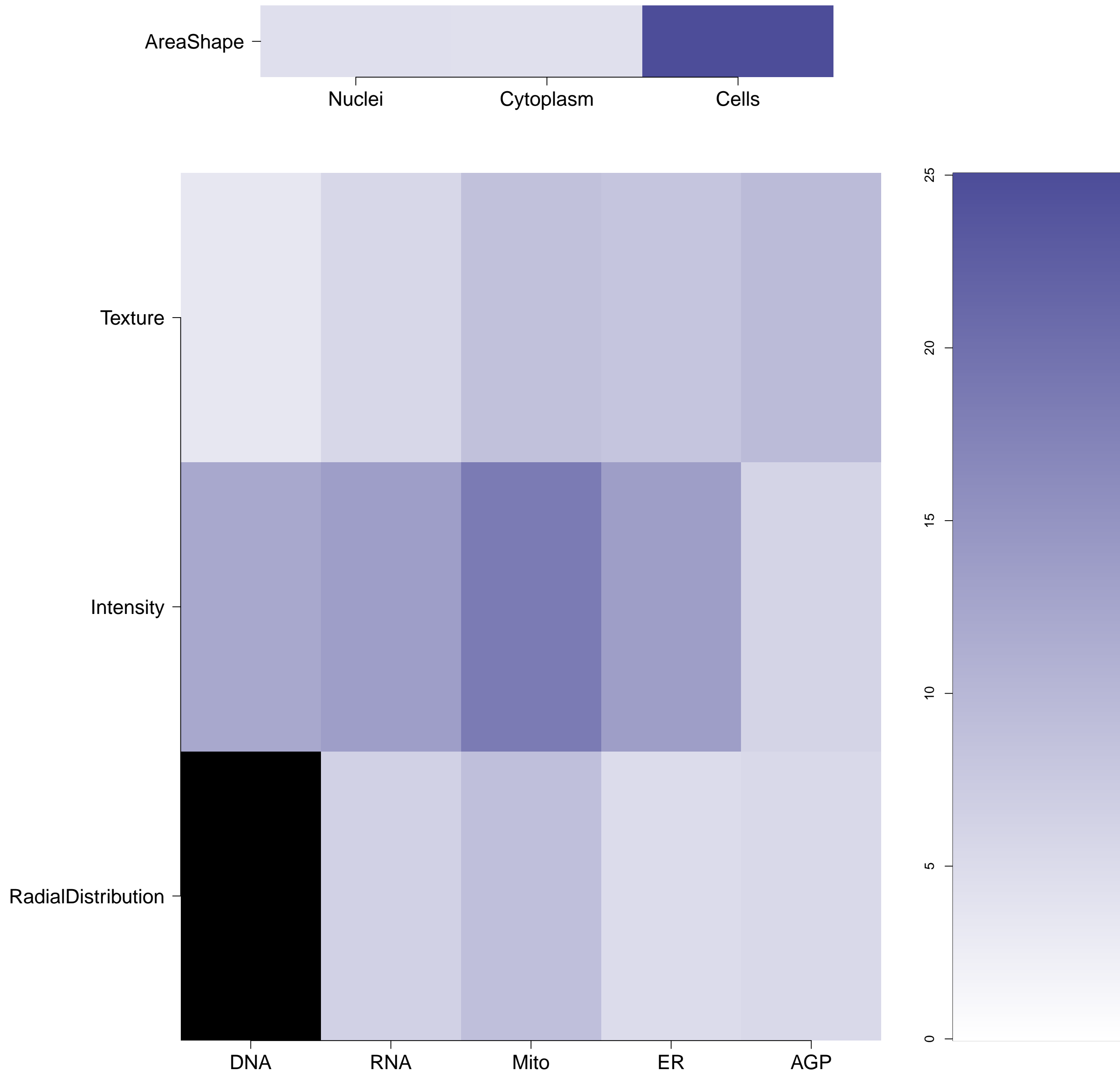


How similar is this gene to the other genes?



What groups of morphological features are distinguishing in the cluster relative to the untreated samples?
(maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in the category



Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.



Empty

PPARGC1A.WT.2 (41744)

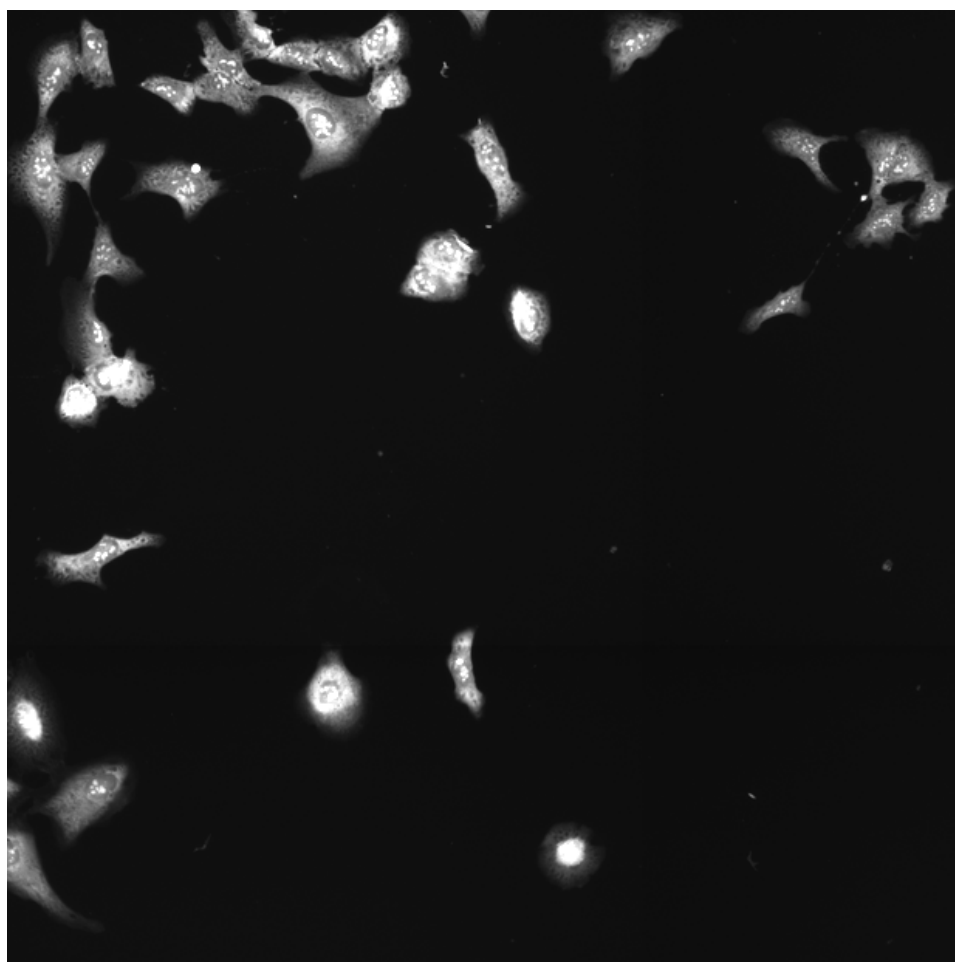
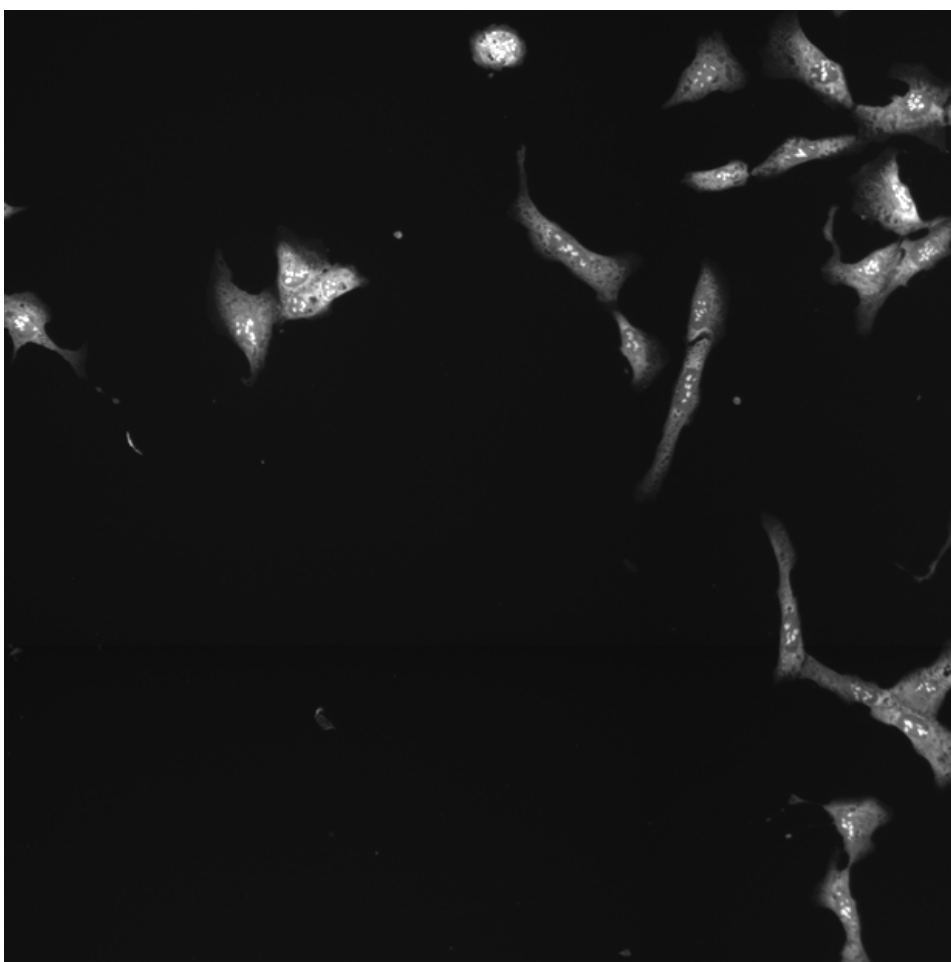
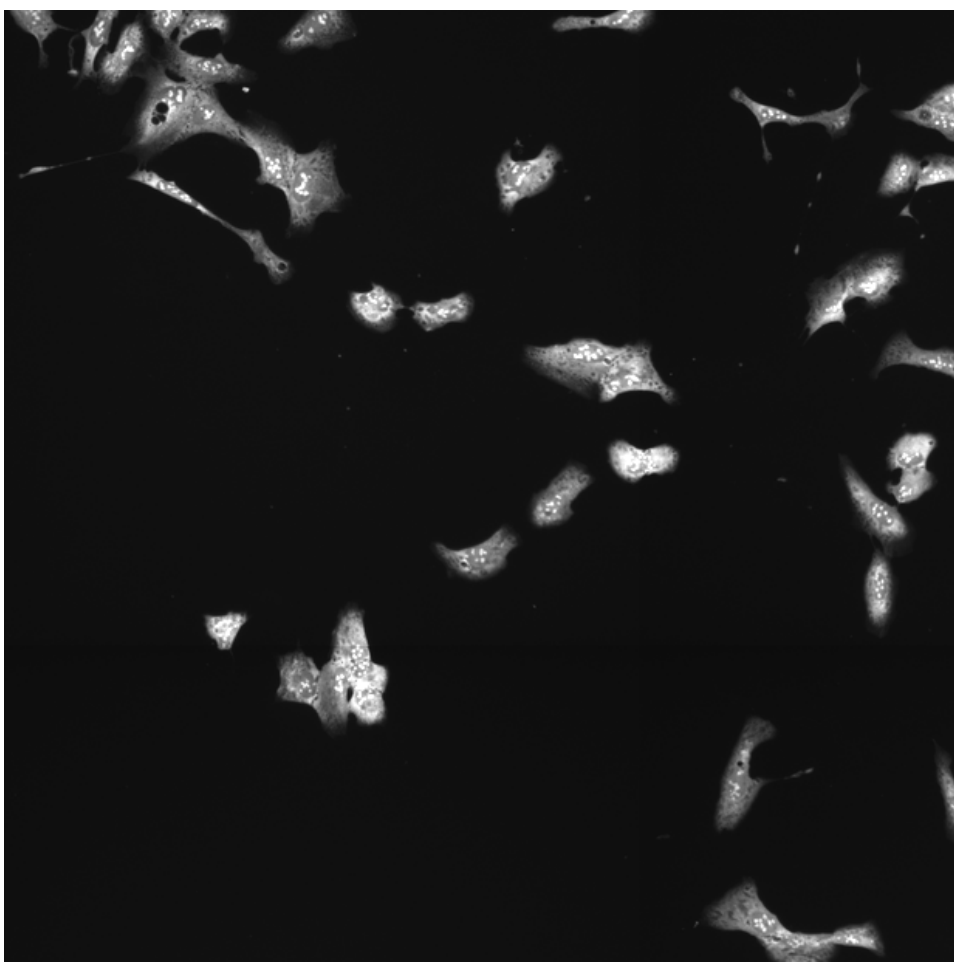
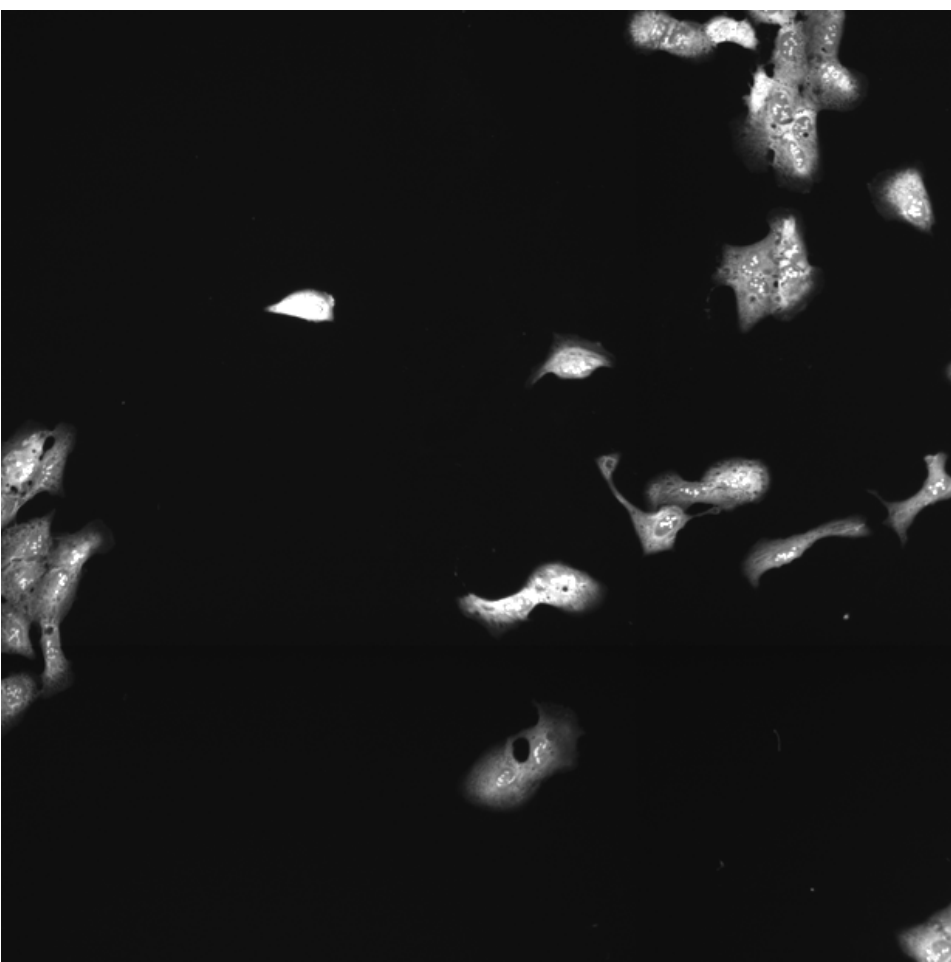
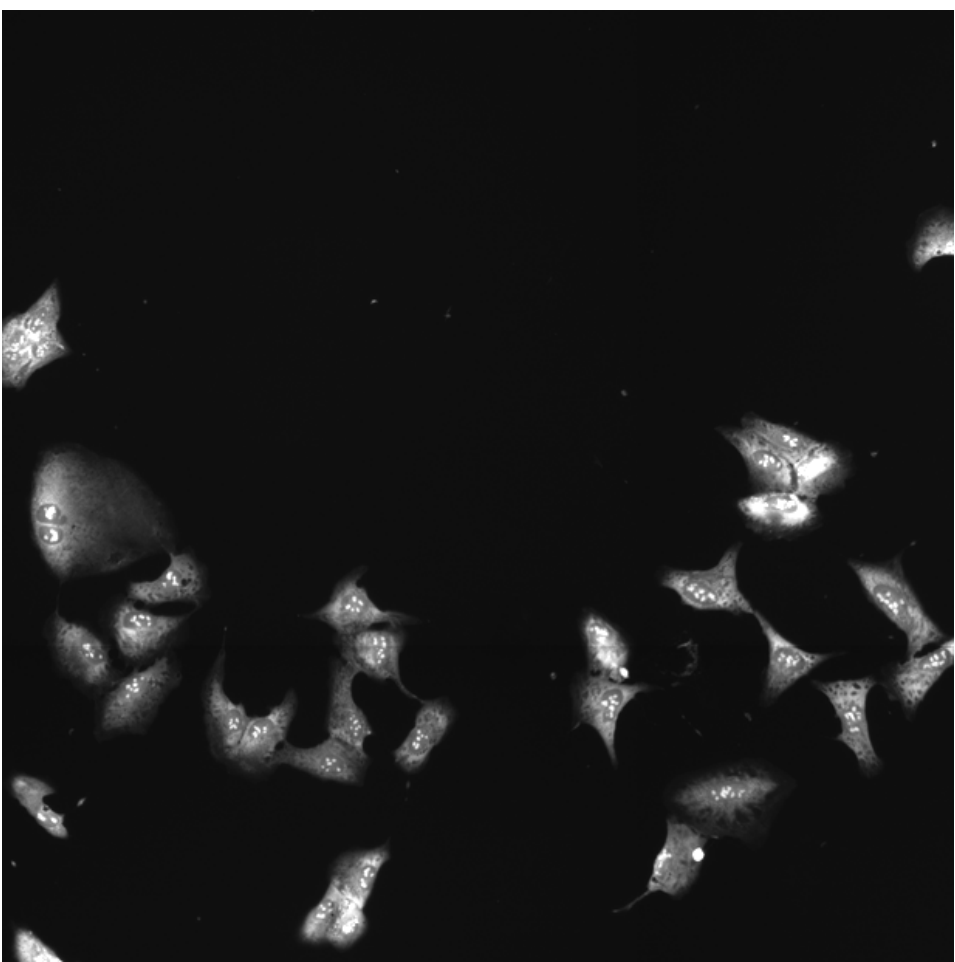
PPARGC1A.WT.2 (41755)

PPARGC1A.WT.2 (41756)

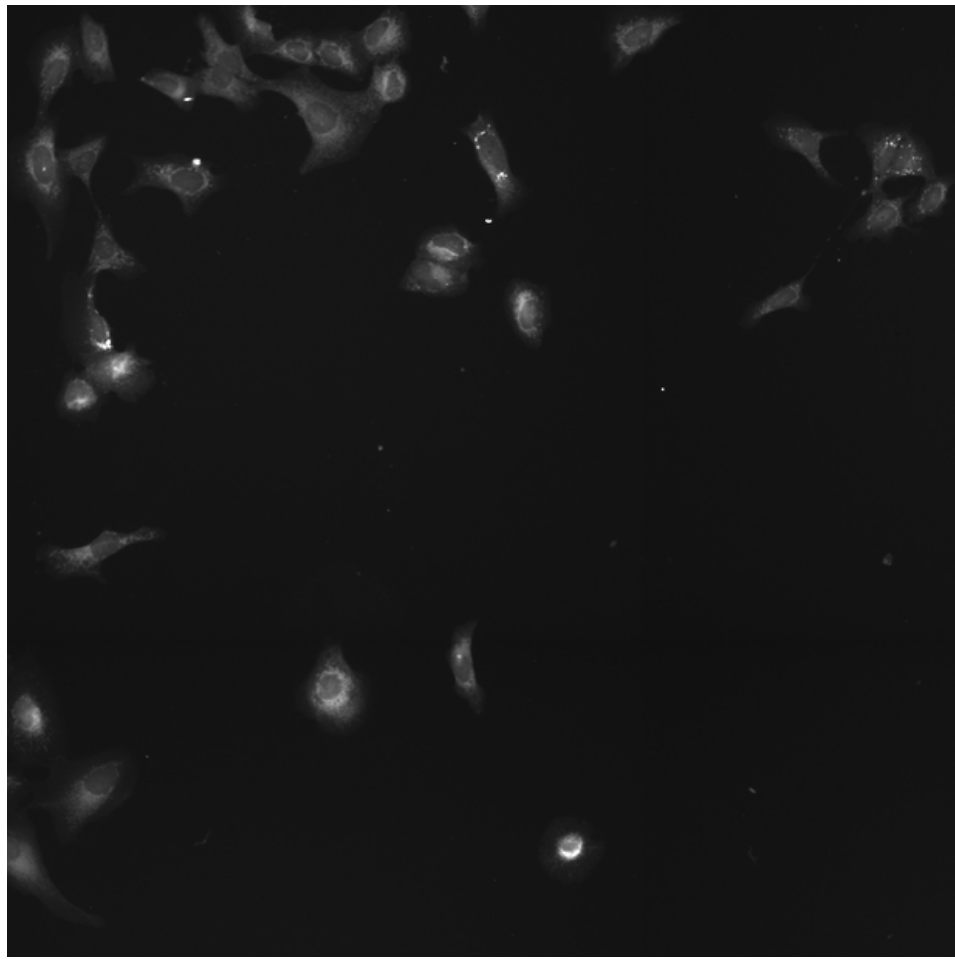
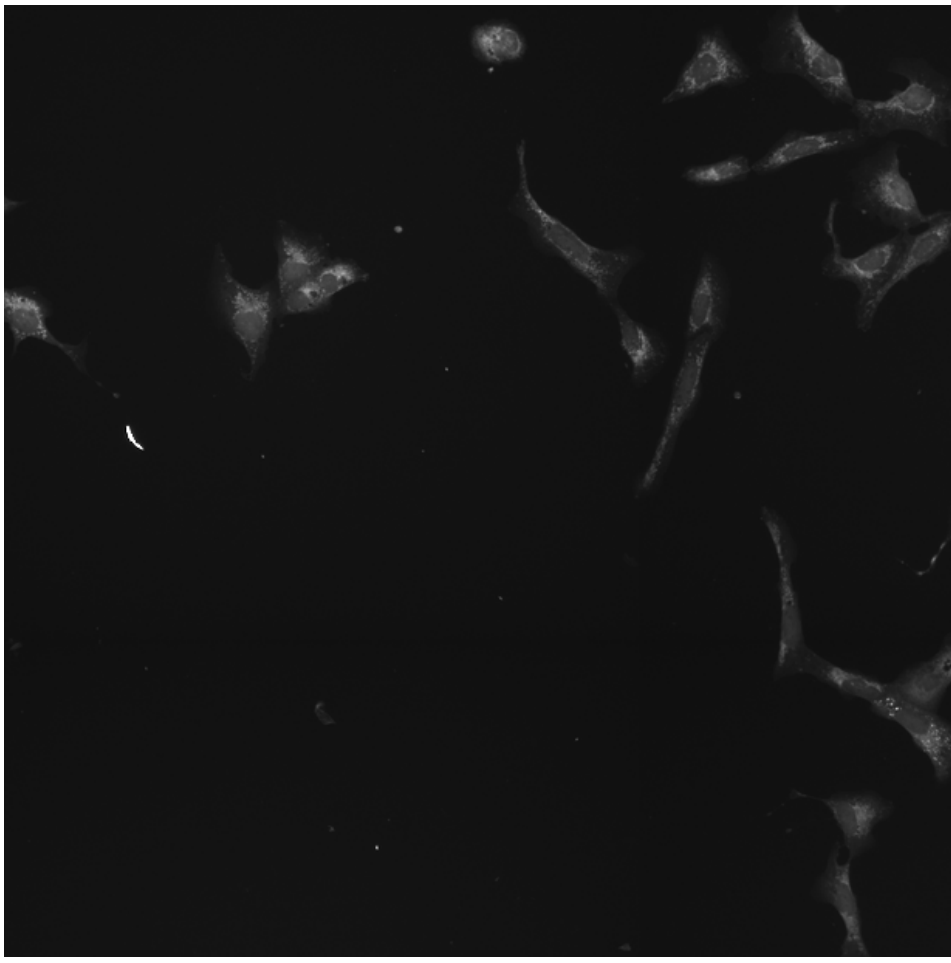
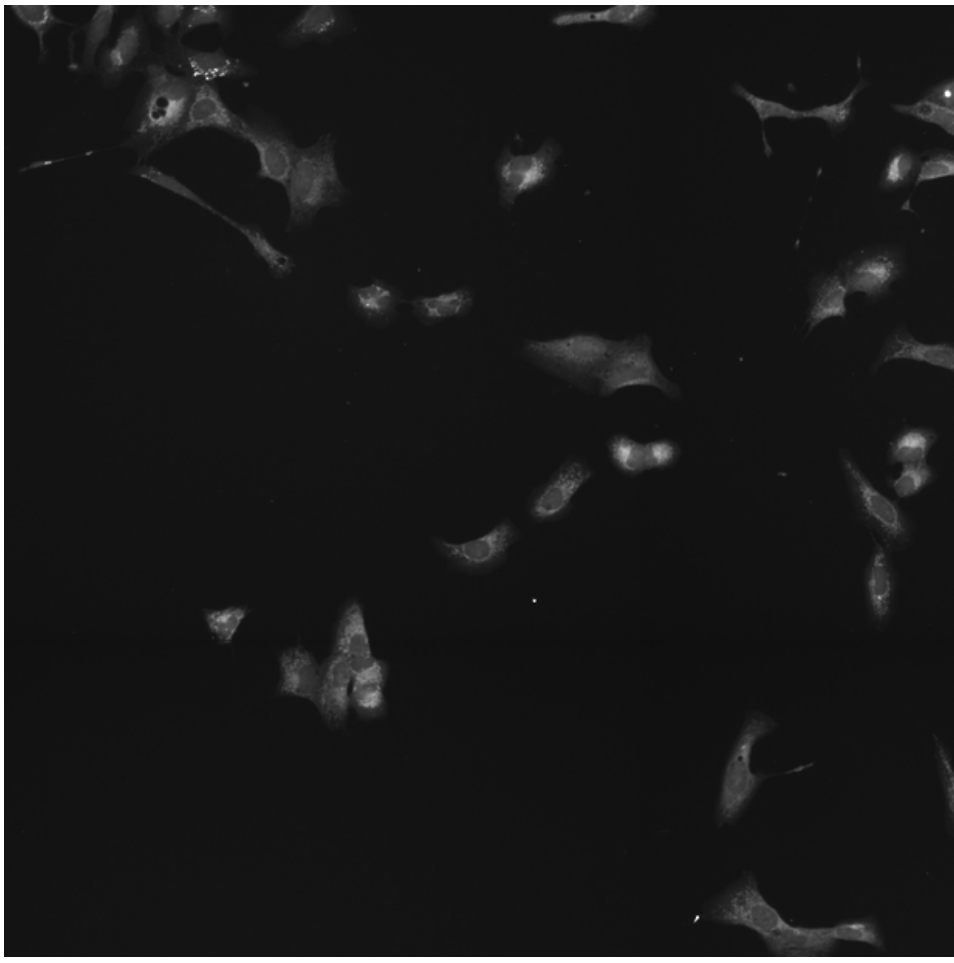
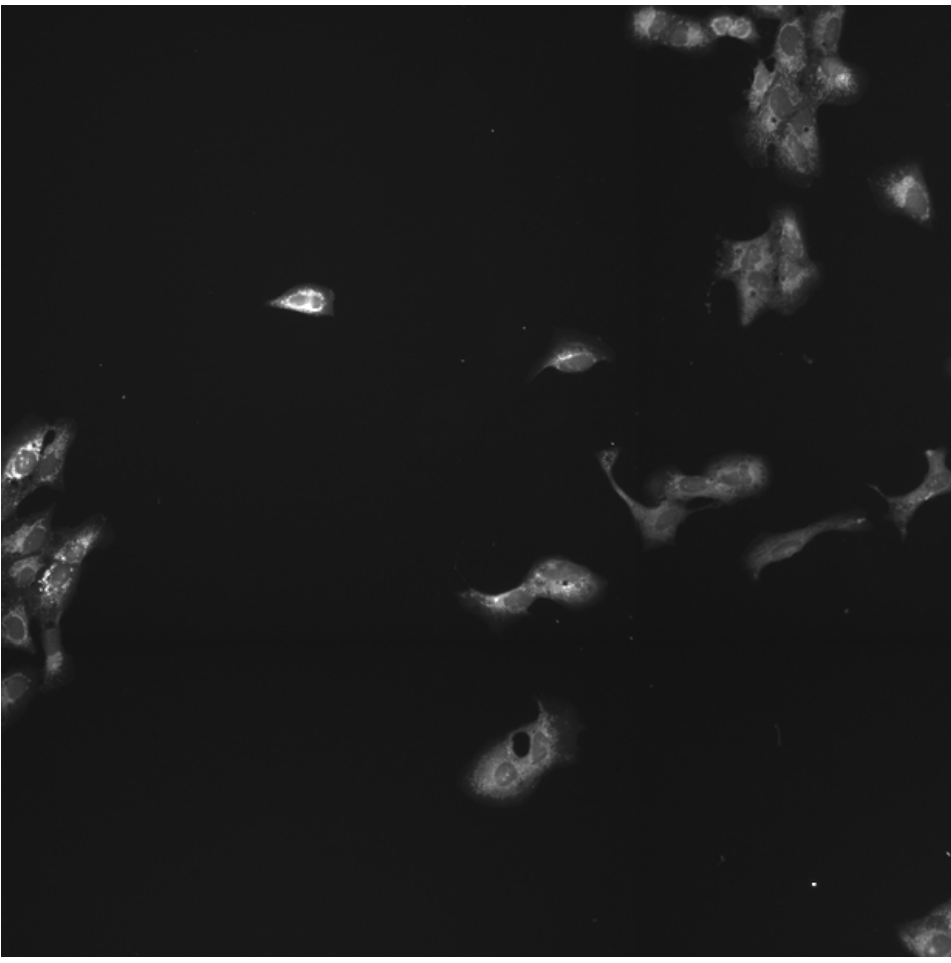
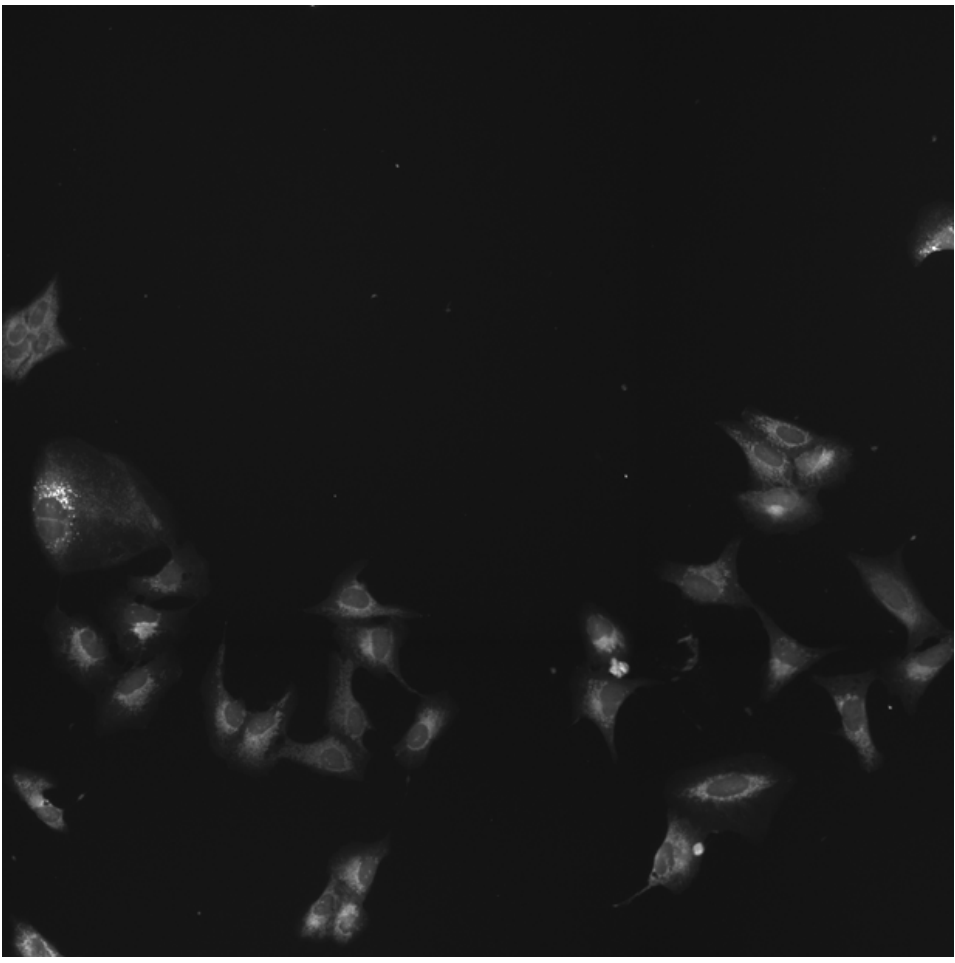
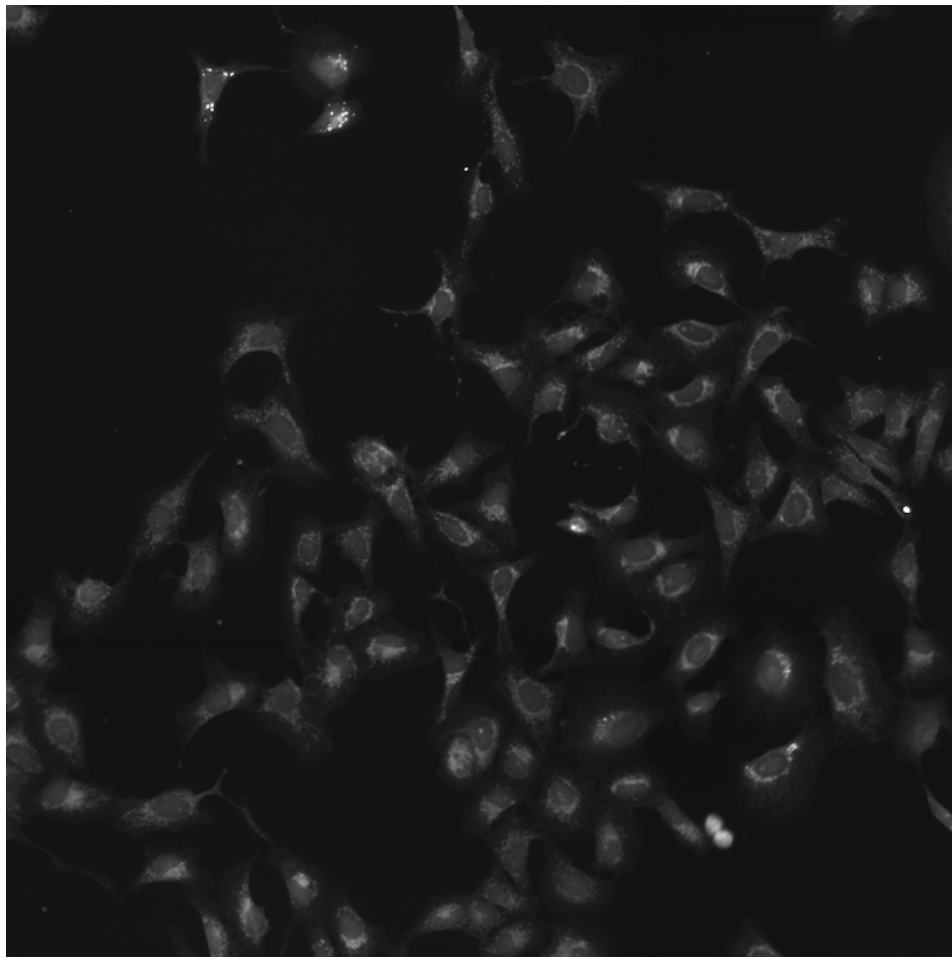
PPARGC1A.WT.2 (41757)

PPARGC1A.WT.2 (41754)

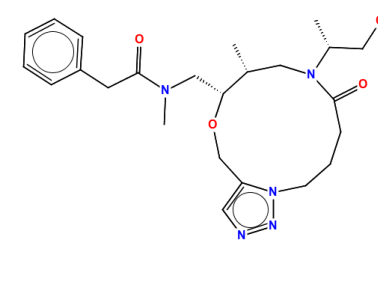
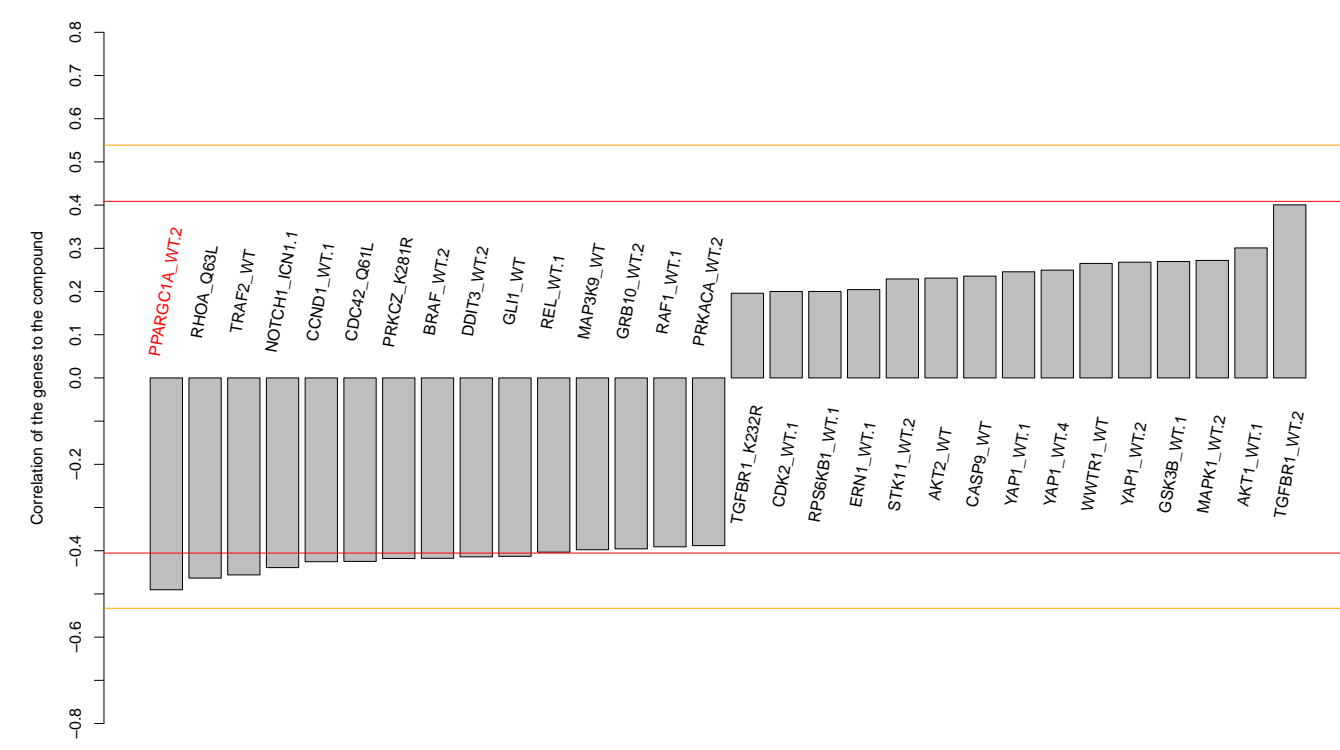
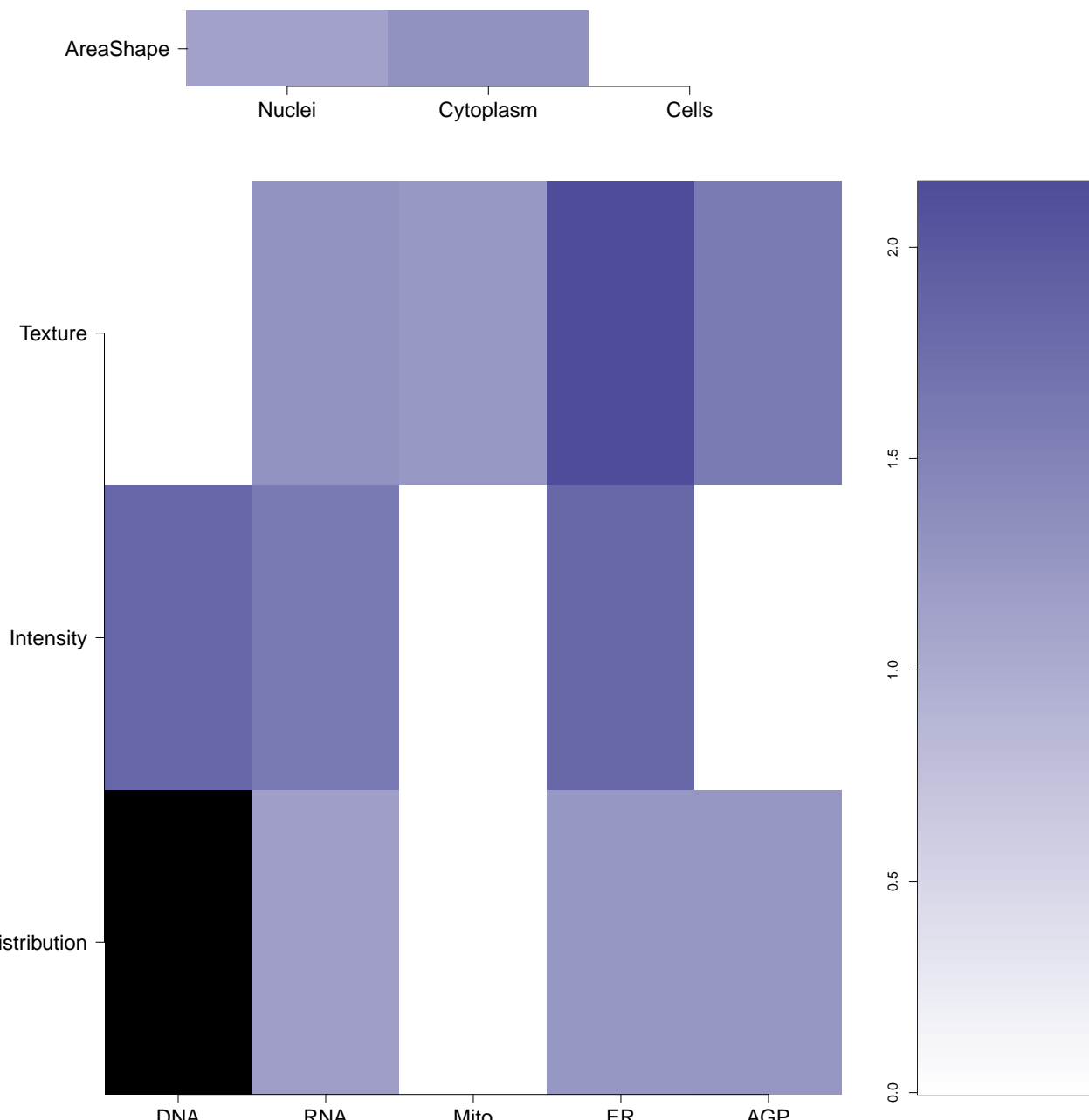
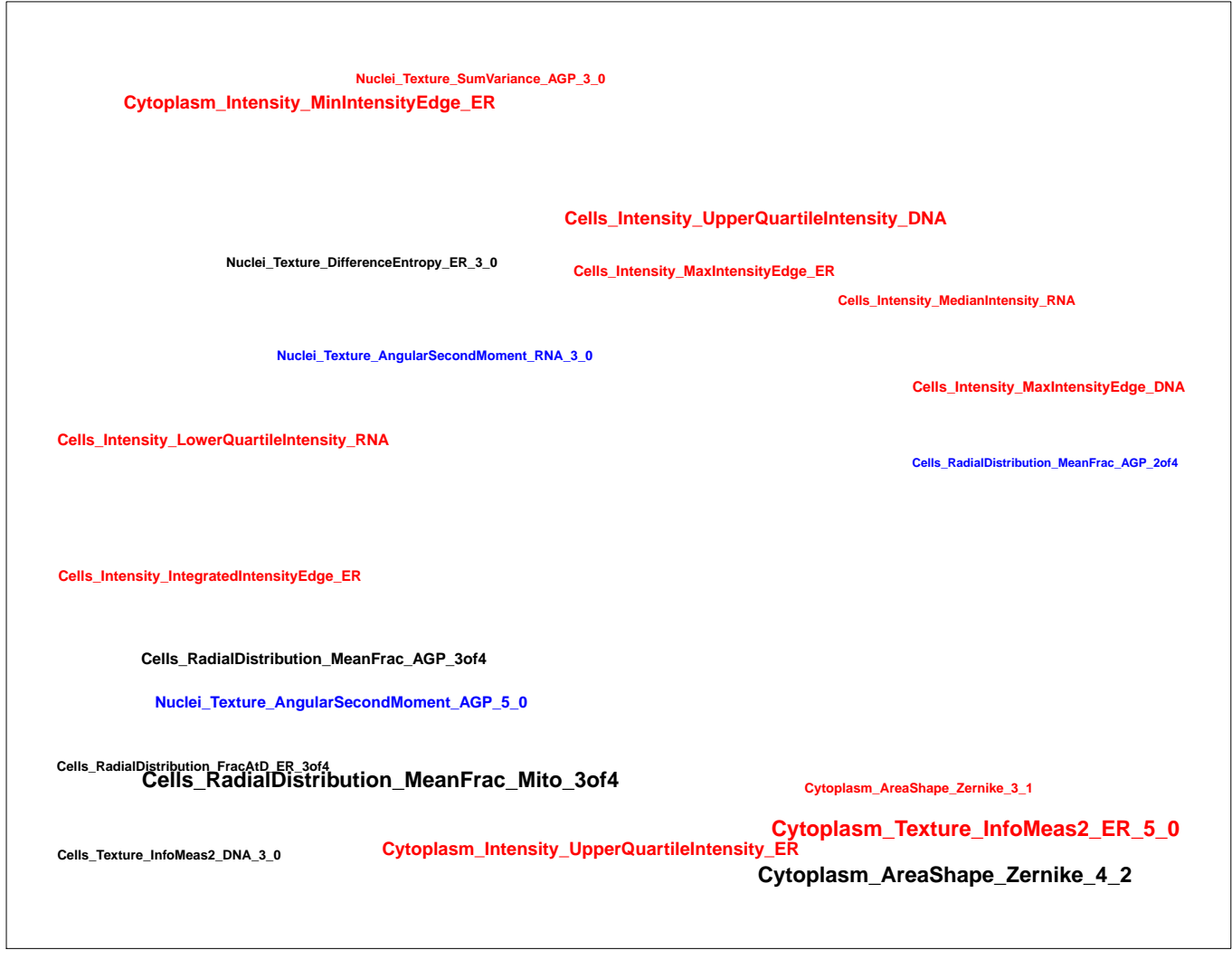
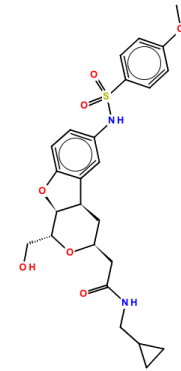
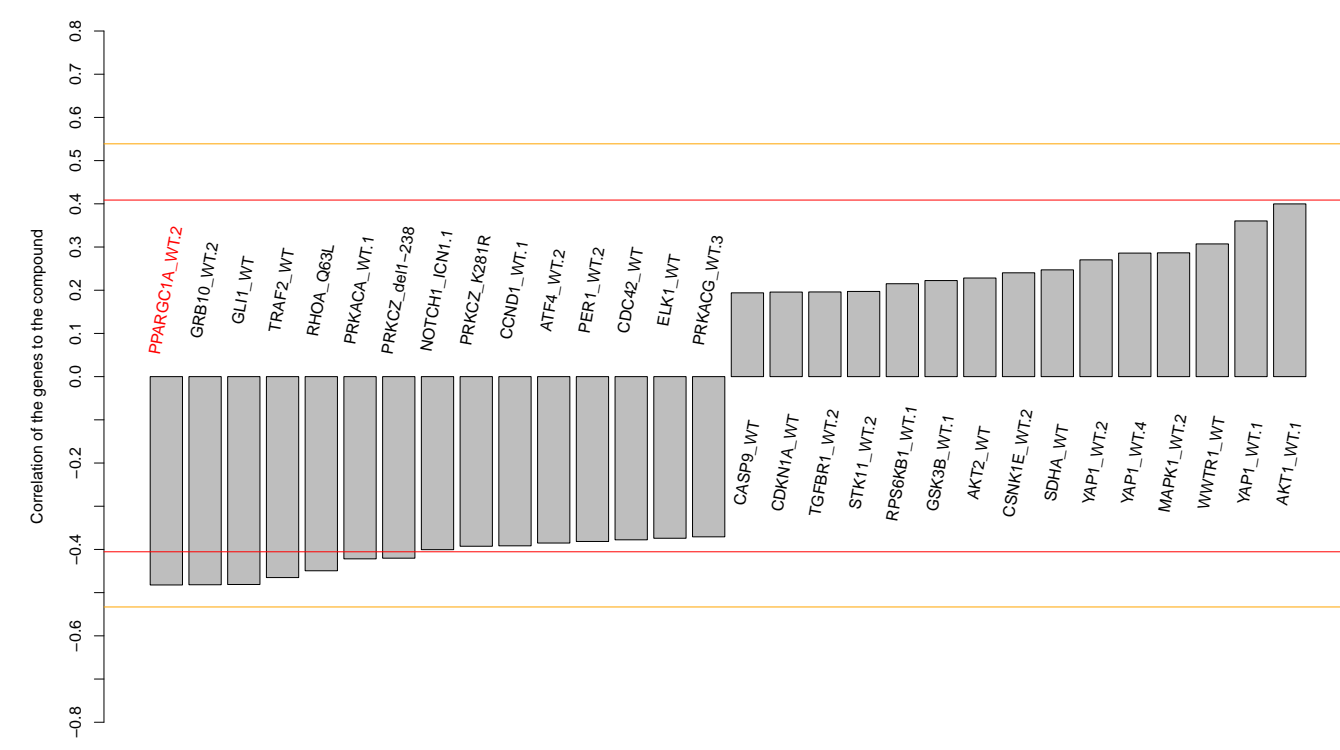
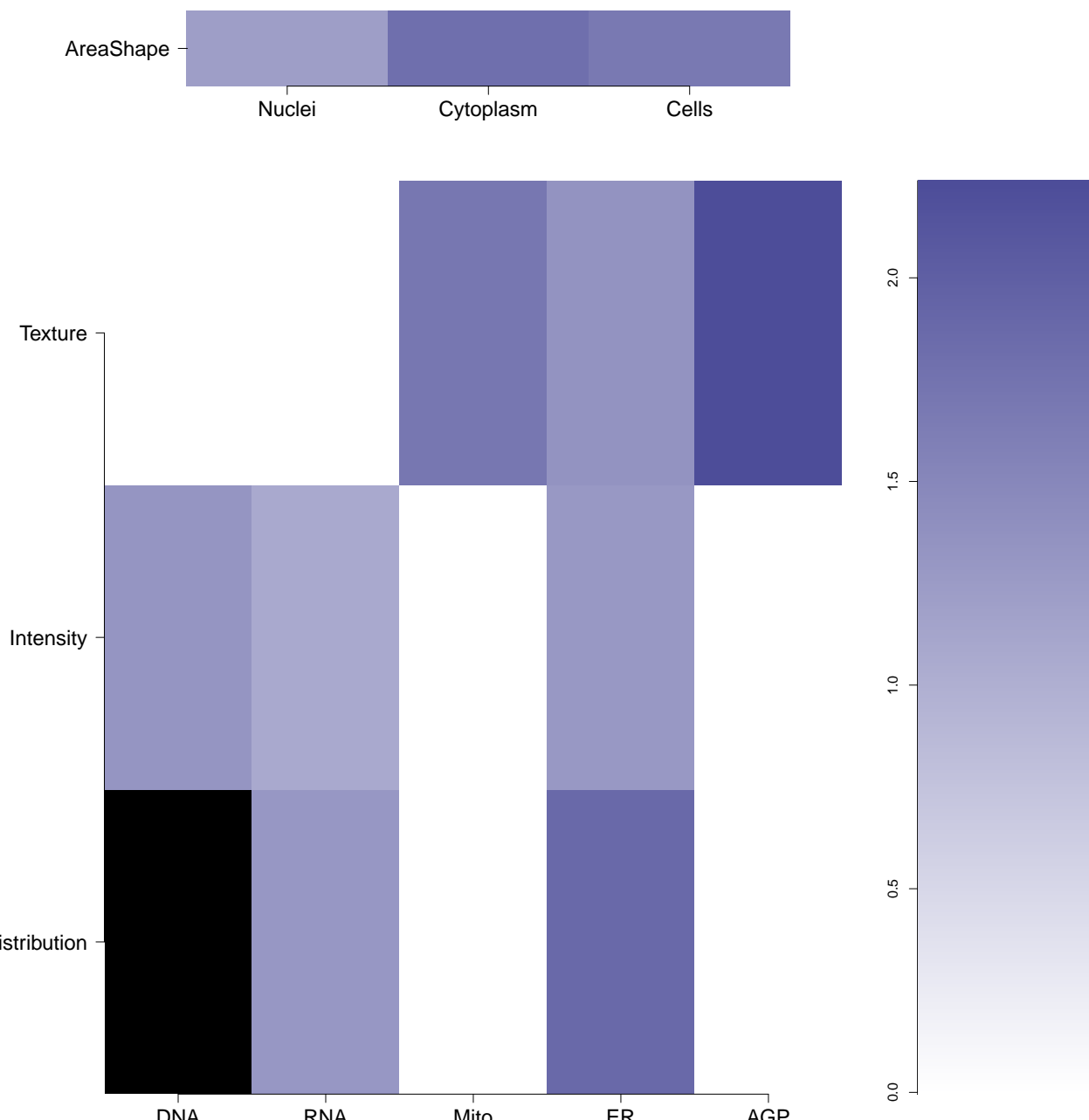
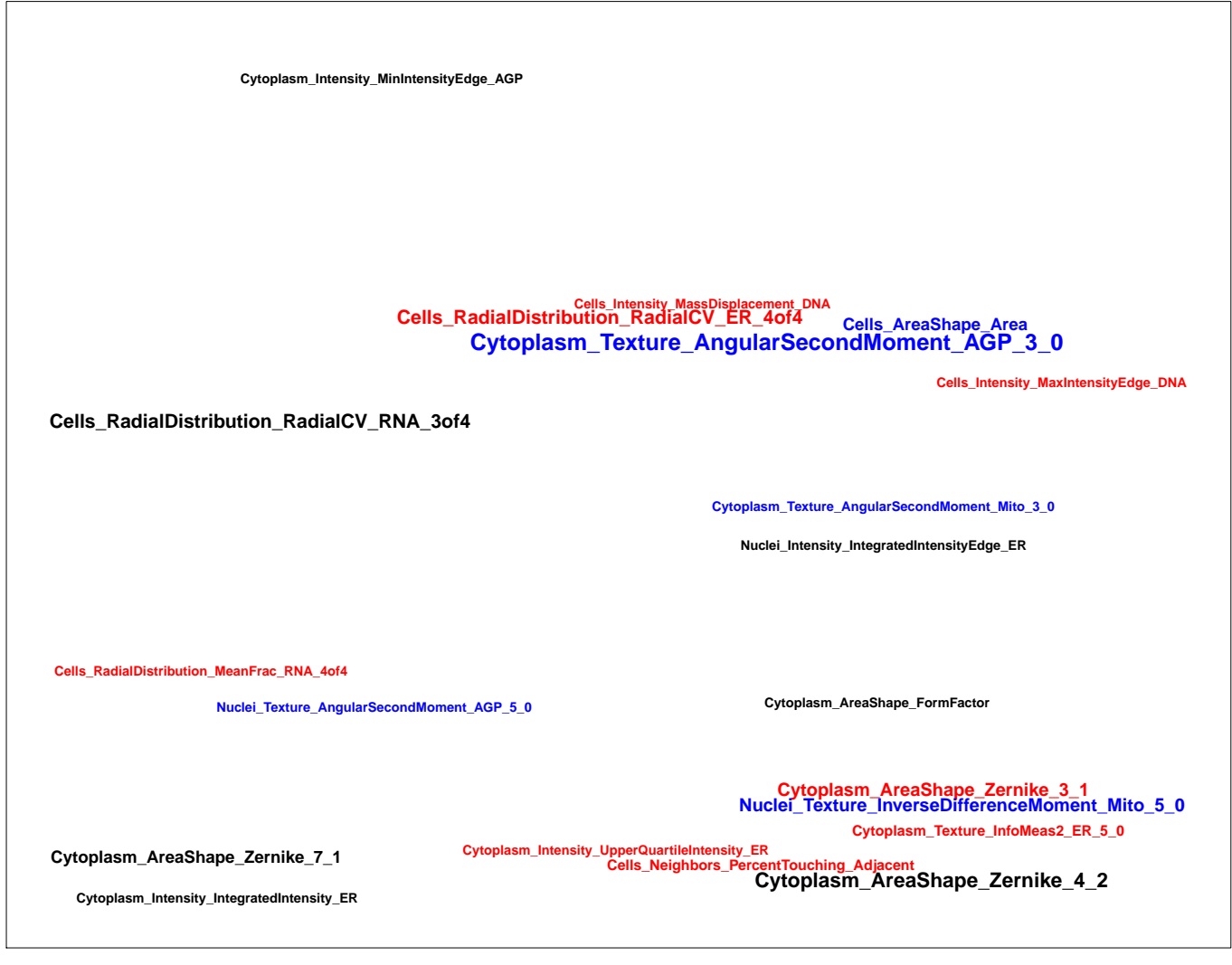
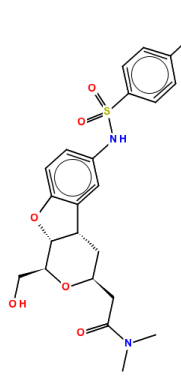
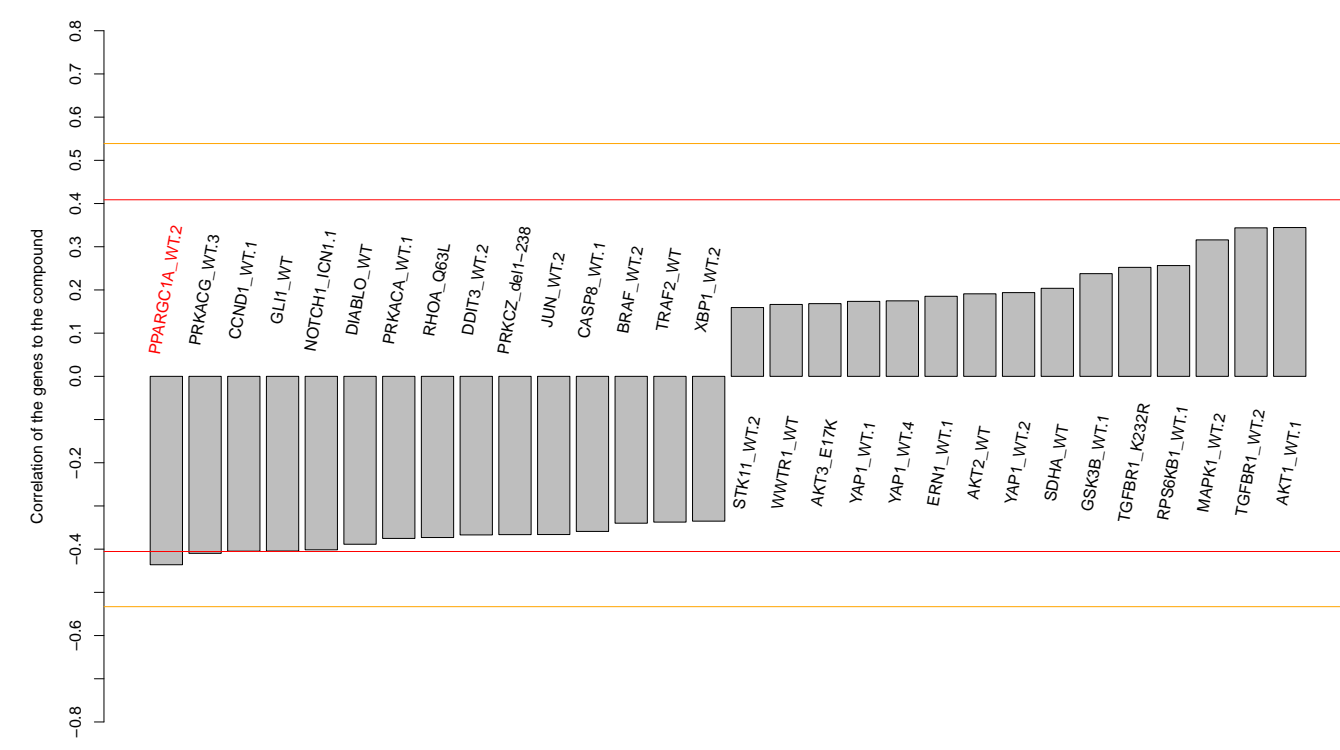
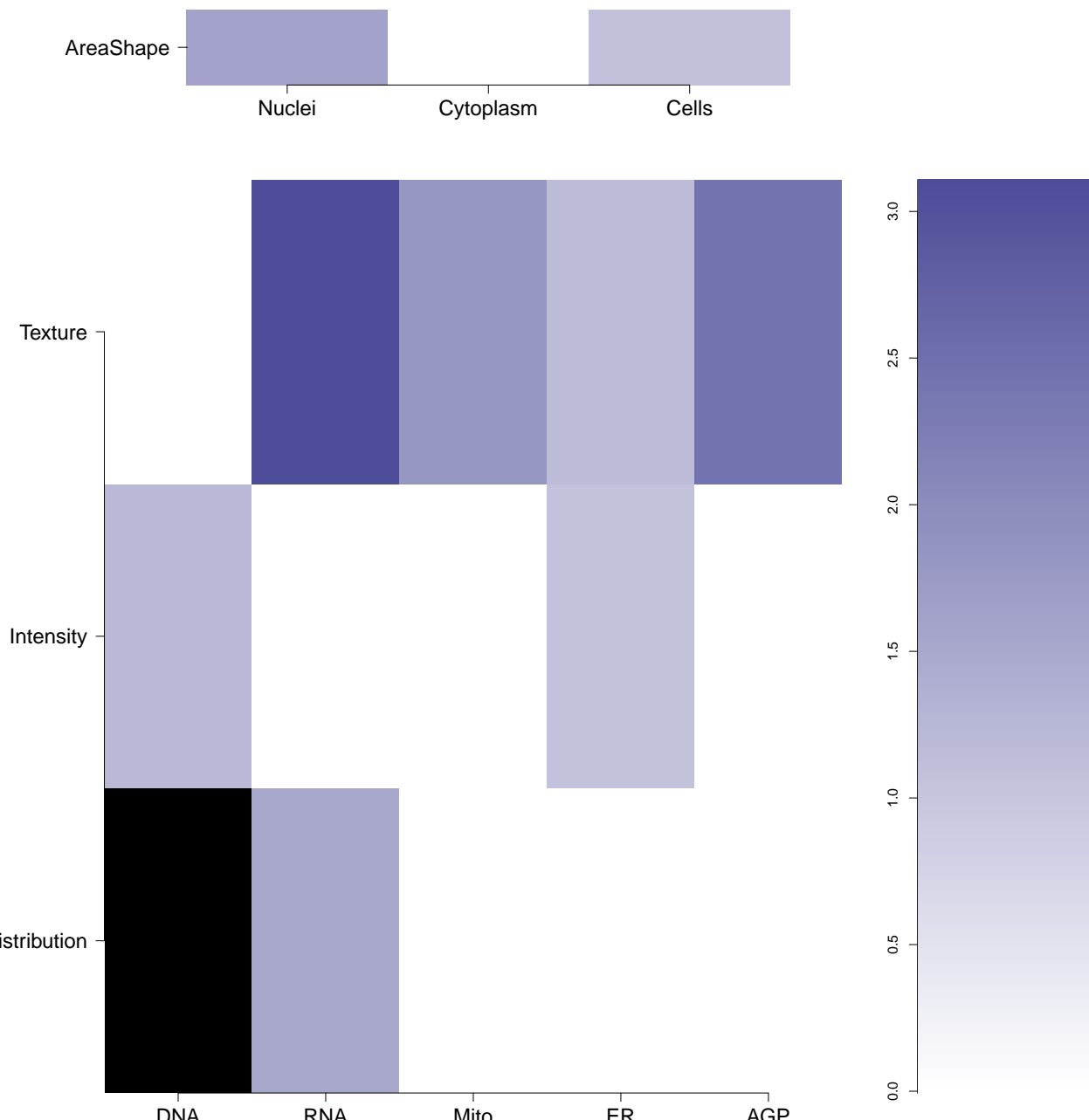
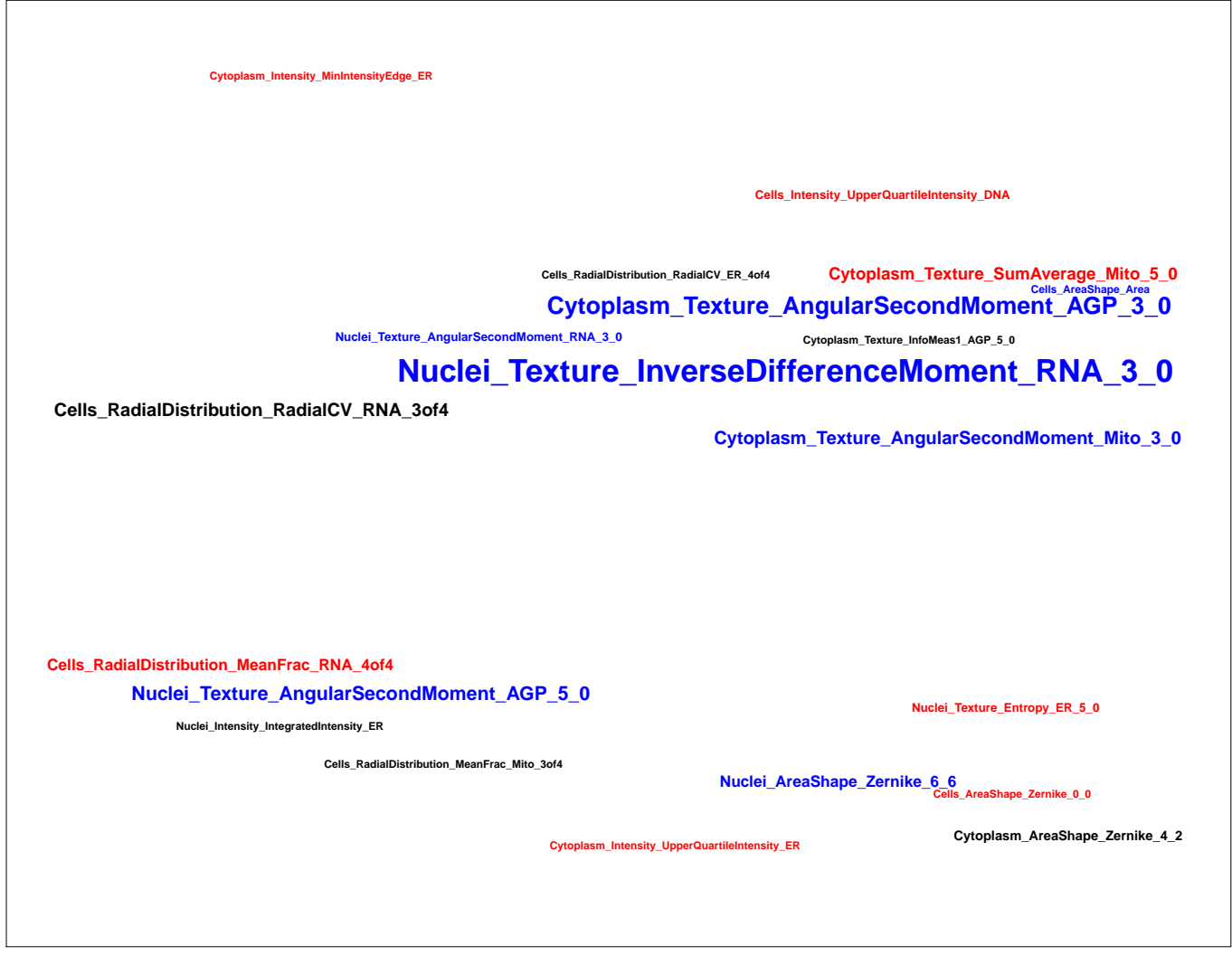
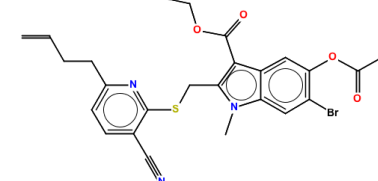
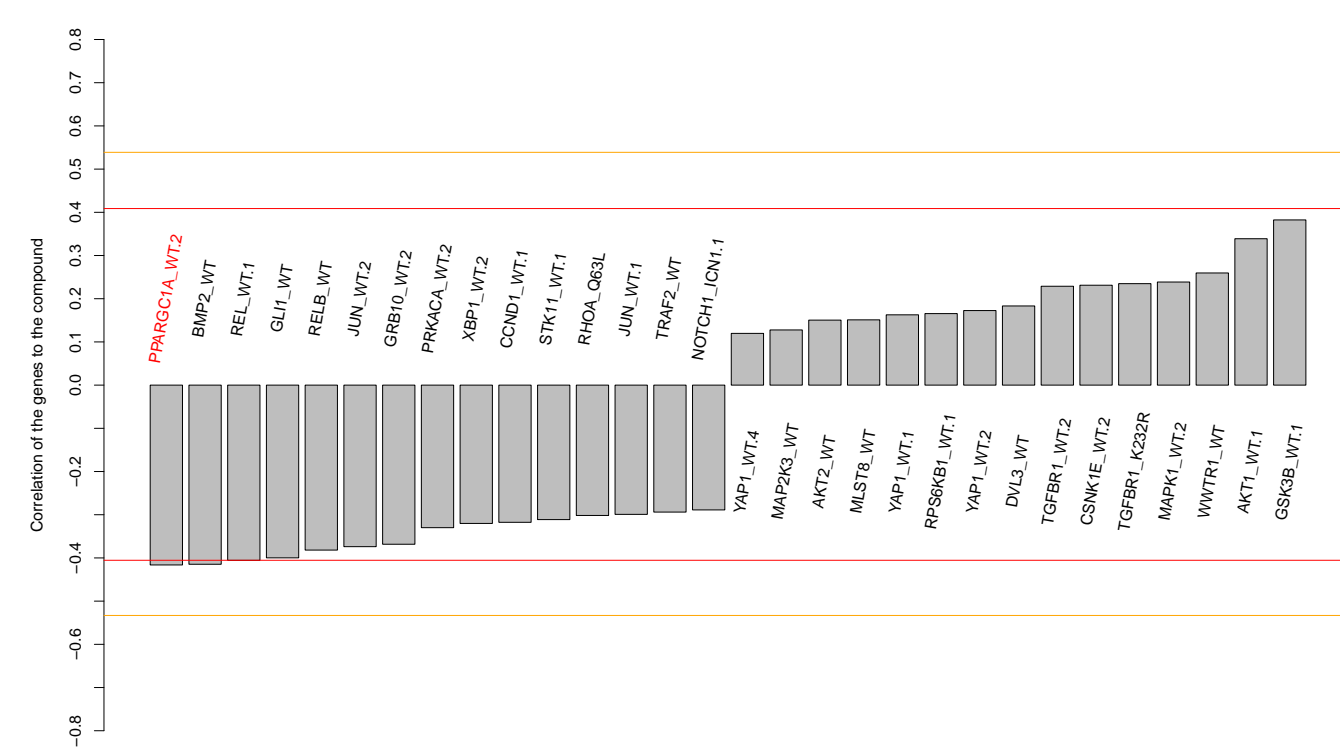
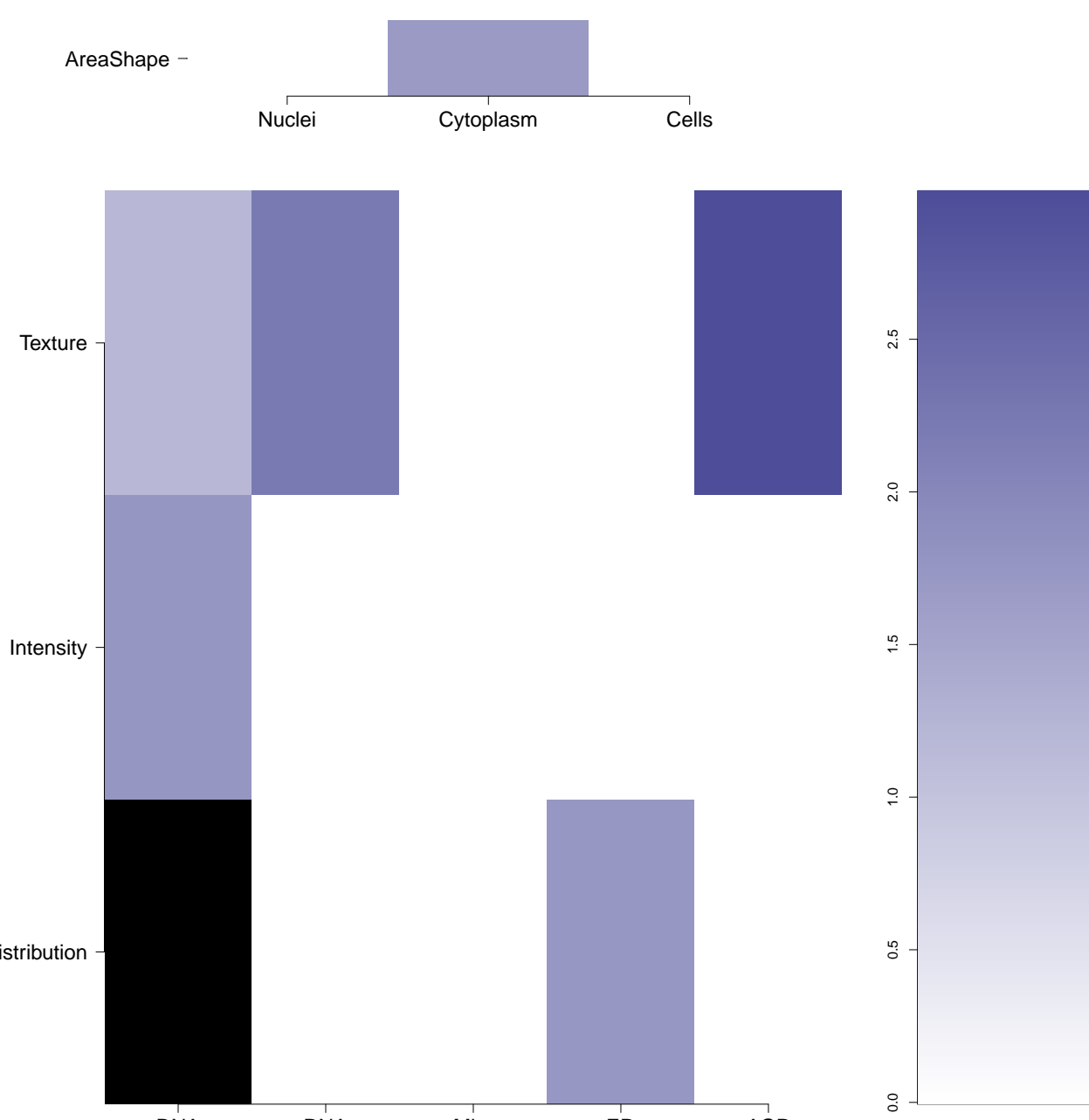
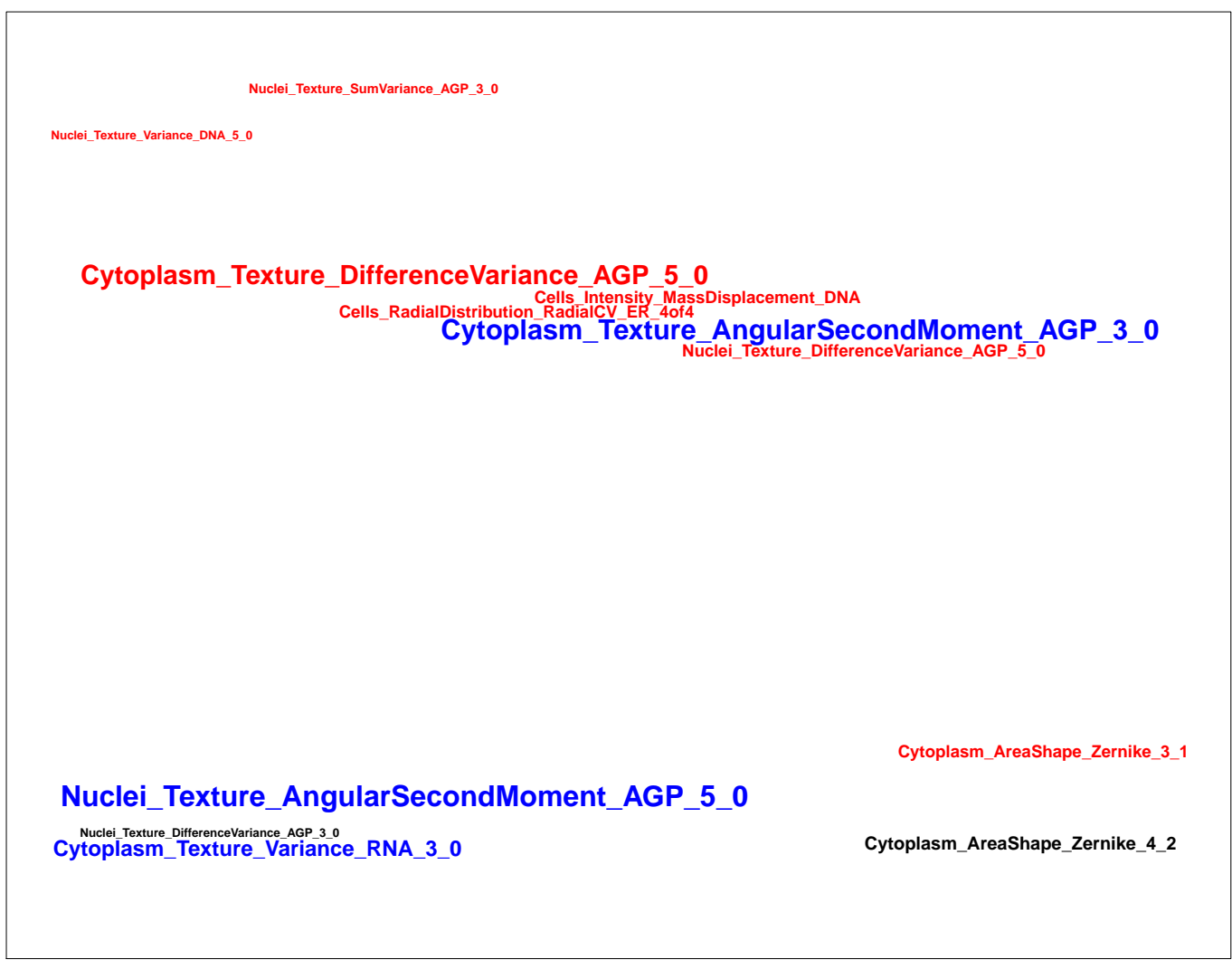
RNA



Mito



Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.51)	Correlation between compound the gene	Compound rank when scored against the gene using L1000 profiling	How similar is the compound signature to the genes in this experiment? (Yellow and red lines correspond to top/bottom 1st and 5th percentile DMSO correlation to all the genes)	Common distinguishing feature categories in the compound and the gene relative to the untreated samples	Distinguishing individual features for the compound relative to untreated samples. Black means a mismatch; i.e. active (= high z-score in magnitude) in the compound, and either inactive (= small z-score in magnitude) or oppositely active in the gene	Number of PubChem assays in which the compound was tested; assays in which the compound was active are itemized
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<div>BRD-K45937204-001-02-5</div> <div>MLS003129326</div> <div>SMR001833772</div> <div>PubChem CID : 44504988</div>		0.56 (in 3 replicates)	-0.49	0.351				<div>Total number of assays tested in: 222. Active in the following assays:</div> <ul style="list-style-type: none">DENV2 CPE-Based HTS Measured in Cell-Based and Microorganism Combination System Using Plate Reader - 2149-01.SinglePoint.HTS.Activity (AID 651640)
<div>BRD-K67765874-001-01-4</div> <div>PubChem CID : 54646597</div>		0.65 (in 4 replicates)	-0.48	0.837				<div>Total number of assays tested in: 36. Active in the following assays:</div> <ul style="list-style-type: none">Development of IDH1/2 inhibitors (CTDproject) Measured in Biochemical System Using Plate Reader - 2107-01.Inhibitor.SinglePoint.HTS.Activity (AID 624101)HTS to Identify Inhibitors of Demethylase GASC-1 Measured in Biochemical System Using Plate Reader - 2043-05.Inhibitor.SinglePoint.HTS.Activity (AID 720574)
<div>BRD-K23897871-001-01-1</div> <div>PubChem CID : 54646099</div>		0.56 (in 3 replicates)	-0.44	0.400				<div>Total number of assays tested in: 43.</div>
<div>BRD-K40633937-001-06-0</div> <div>SMR000217157</div> <div>MLS000590012</div> <div>AC1NG53J</div> <div>MLS003901863</div> <div>HMS2522K20</div> <div>ZINC6691677</div> <div>STK525124</div> <div>PubChem CID : 4669392</div>		NA (in 1 replicates)	-0.42	NA				<div>Total number of assays tested in: 614. Active in the following assays:</div> <ul style="list-style-type: none">Leishmania major promastigote HTS (AID 1063)Quantitative High-Throughput Screen for Regulators of Epigenetic Control (AID 1865)HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732)Luminescence Cell-Based Primary HTS to Identify Inhibitors of Beta Cell Apoptosis. (AID 435005)Luminescence Cell-Based Dose Retest to Confirm Inhibitors of Beta Cell Apoptosis (AID 440756)ATP-based Luminescence in the Absence of Cytokines Measured in Cell-Based System Using Plate Reader - 2061-06.Inhibitor.Dose.CherryPick (AID 463229)uHTS for identification of Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 485346)Single concentration confirmation of uHTS for Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 489028)qHTS screen for small molecules that inhibit ELG1-dependent DNA repair in human embryonic kidney (HEK293T) cells expressing luciferase-tagged ELG1 (AID 504467)Primary qHTS for delayed death inhibitors of the malarial parasite plasmodium, 48 hour incubation (AID 504832)qHTS for Inhibitors of binding or entry into cells for Lassa Virus (AID 540256)uHTS identification of Gli-Sufu Antagonists in a luminescence reporter assay (AID 588413)Schmri-3 Inhibitors: specific inducers of adult bone formation Measured in Cell-Based System Using Plate Reader - 2134-01.Inhibitor.SinglePoint.HTS.Activity.Set2 (AID 588674)Single concentration confirmation of uHTS antagonist hits from Gli-SUFU in a luminescent reporter assay (AID 602428)uHTS identification of small molecule inhibitors of the mitochondrial permeability transition pore via an absorbance assay (AID 602448)Shn3: Dual-Go Shn3RL cells Measured in Cell-Based System Using Plate Reader - 2134-02.Inhibitor.Dose.CherryPick.Activity (AID 624133)Shn3: Cytotox assay Measured in Cell-Based System Using Plate Reader - 2134-03.Inhibitor.Dose.CherryPick.Activity (AID 624134)qHTS screen for small molecules that inhibit ELG1-dependent DNA repair in human embryonic kidney (HEK293T) cells expressing luciferase-tagged ELG1: Hit Confirmation using MMS Stimulated ELG1 (AID 624249)qHTS screen for small molecules that inhibit ELG1-dependent DNA repair: Hit Confirmation with MMS Viability (AID 624251)Single concentration confirmation of uHTS inhibitor hits of the mitochondrial permeability transition pore via a fluorescent based assay (AID 624504)Single concentration validation of uHTS antagonist hits from Gli-SUFU in a luminescent cytotoxicity assay (AID 651994)Single concentration confirmation of uHTS Gli-SUFU antagonist hits in a Wnt3a luminescent reporter assay (AID 651995)qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979)