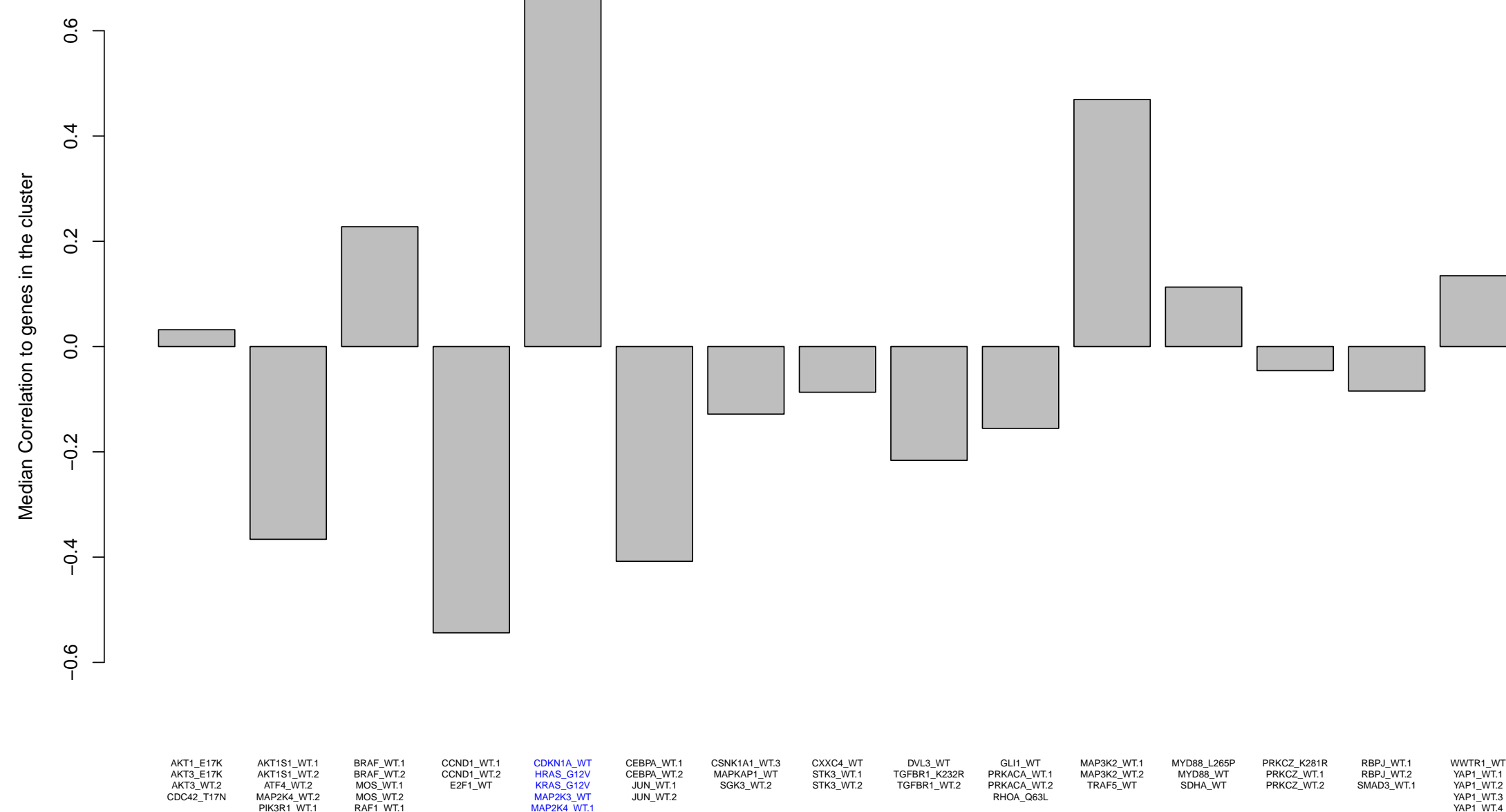
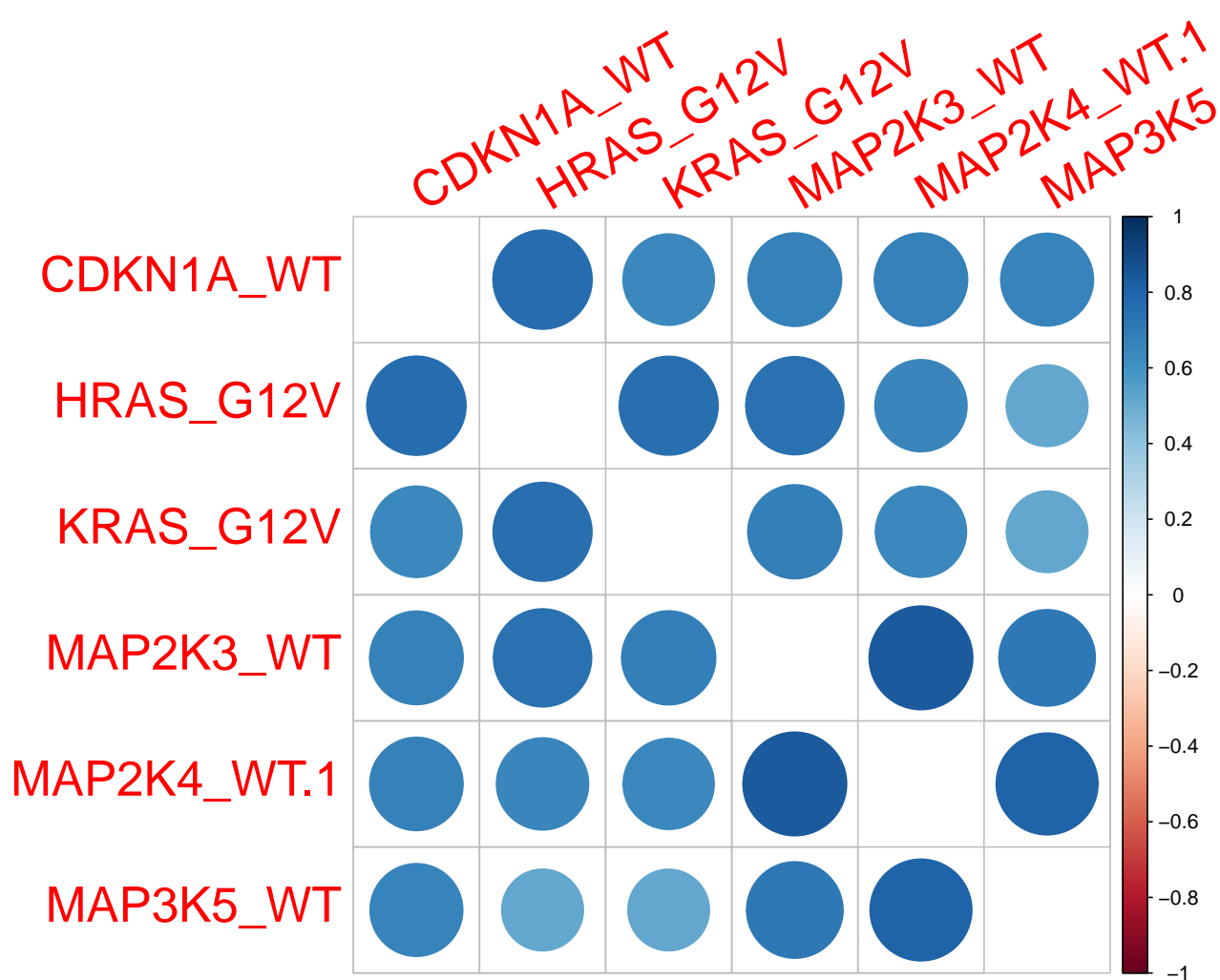
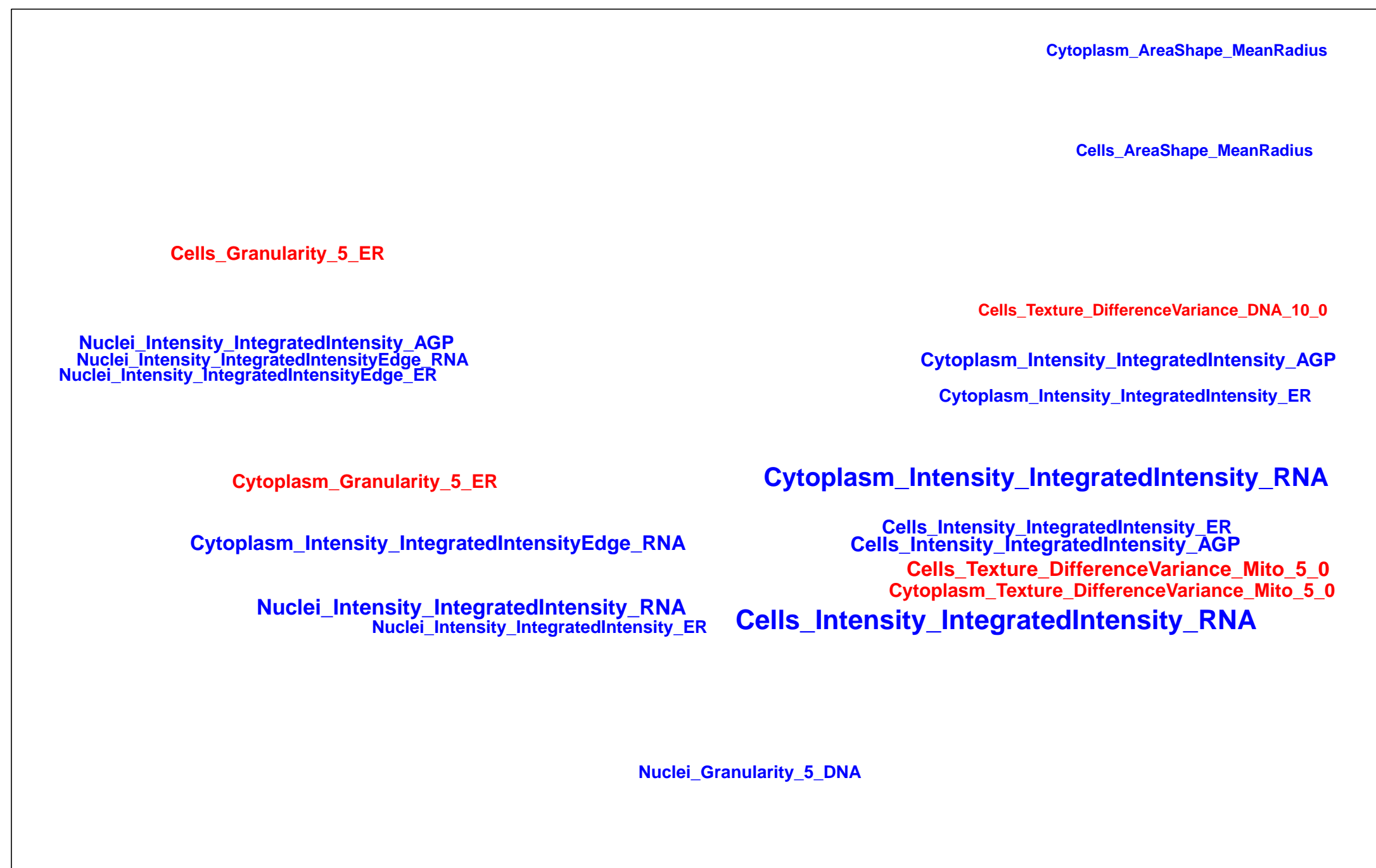
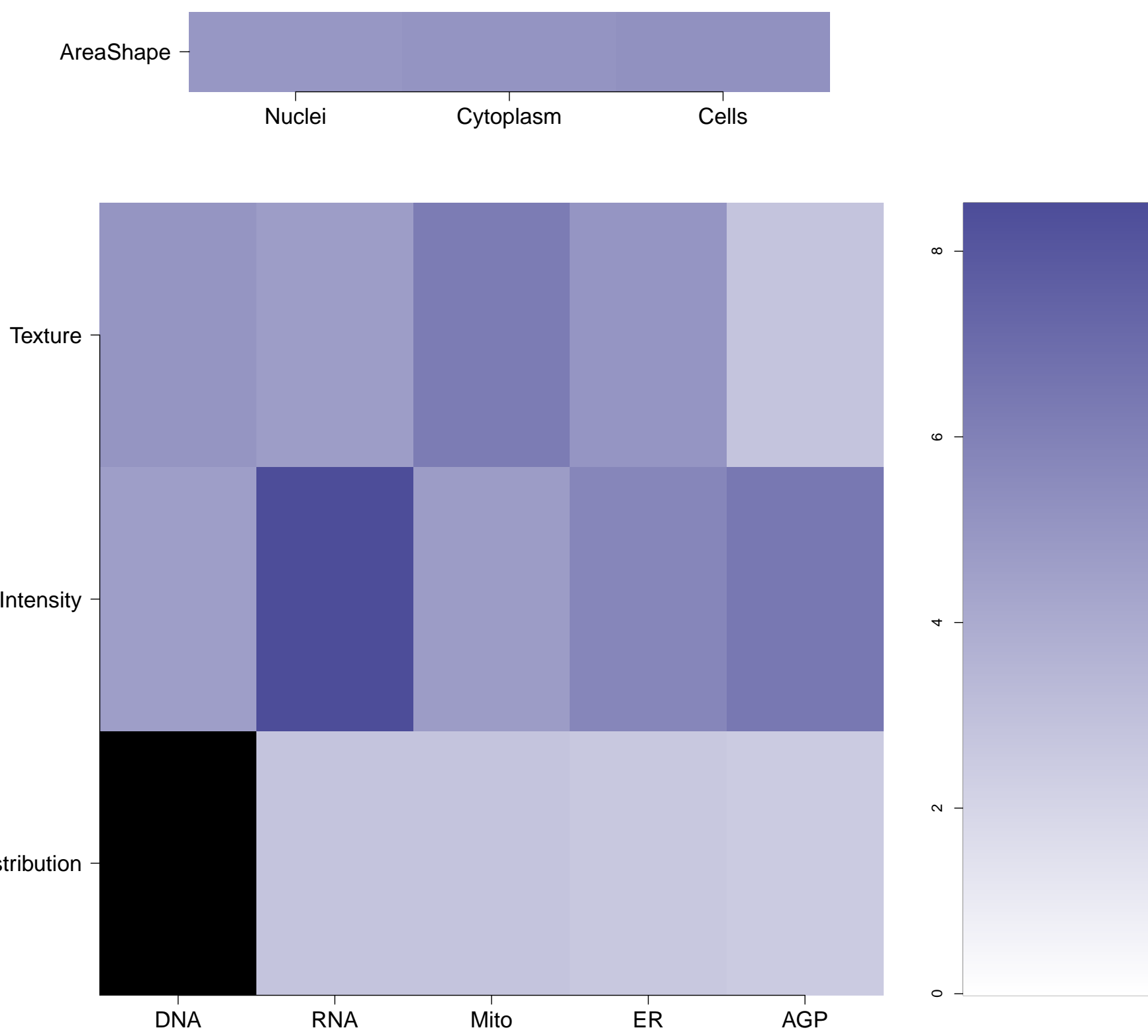


Treatment	Expert Annotation	
	Pathway	Regulation Type
CDKN1A.WT	Canonical Cell Cycle	Inhibitor
MAP3K5.WT	Canonical MAPK	Activator
MAP2K4.WT.1	Canonical MAPK	Activator
MAP2K3.WT	Canonical MAPK	Activator
KRAS.G12V	RTK	Activator
HRAS.G12V	RTK	Activator



Treatment	Expert Annotation		Mean Correlation	Standard Deviation
	Pathway	Regulation Type		
E2F1.WT	Canonical Cell Cycle	Activator	-0.59	0.09
CCND1.WT.2	Canonical Cell Cycle	Activator	-0.58	0.08
CDK2.WT.1	Canonical Cell Cycle	Activator	-0.49	0.11
DDIT4.WT	Canonical TOR	Inhibitor	-0.49	0.07
PER1.WT.2	Circadian Rhythm	Activator	-0.49	0.09

Which individual morphological features are distinguishing in the cluster 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

CDKN1A\_WT

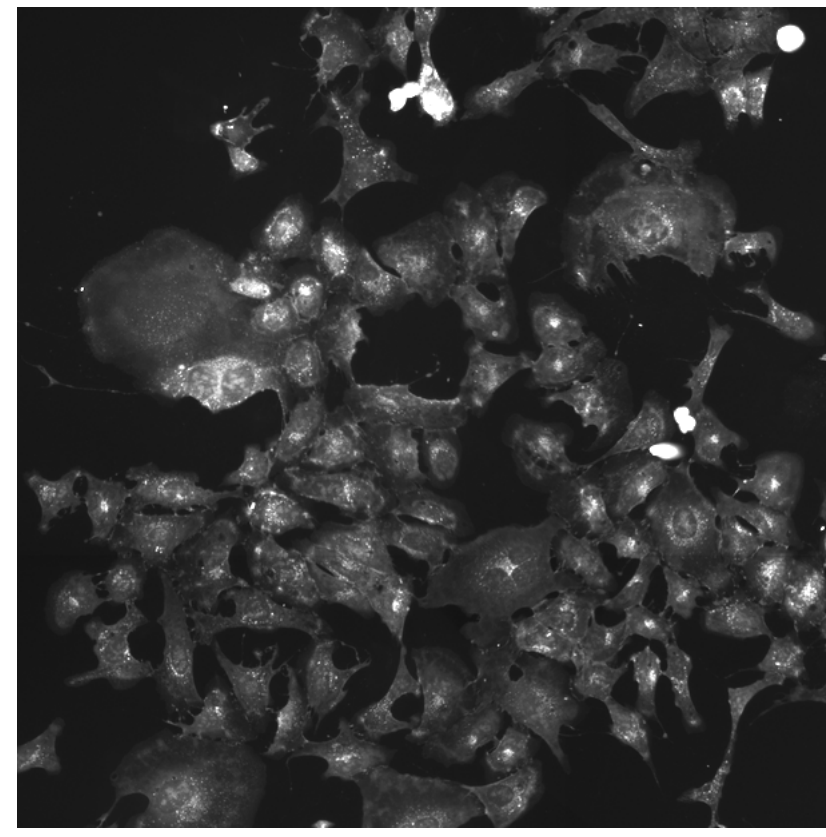
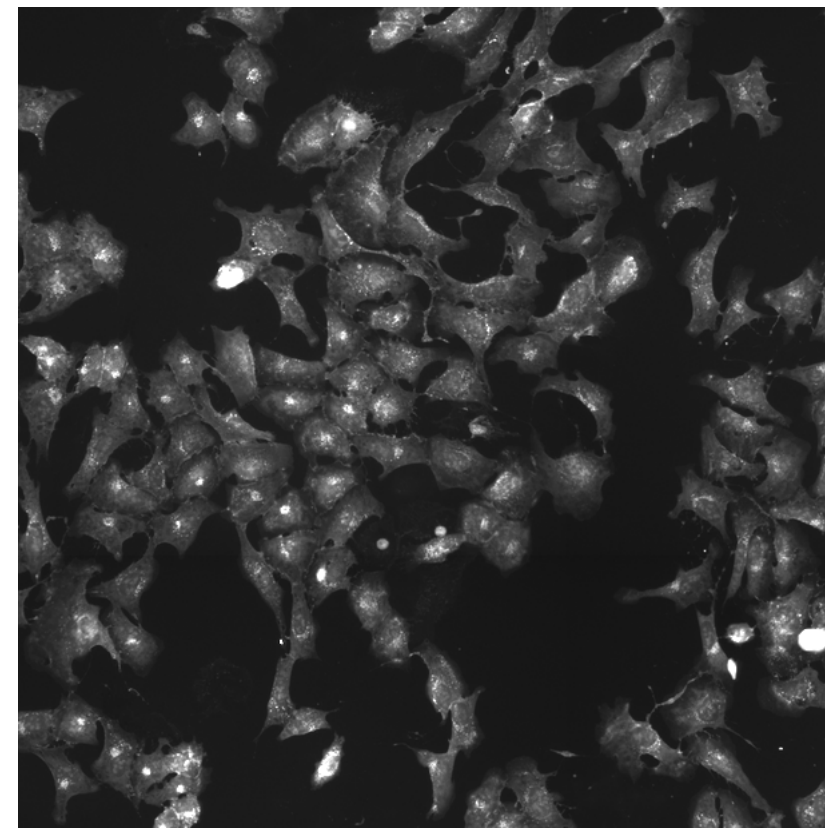
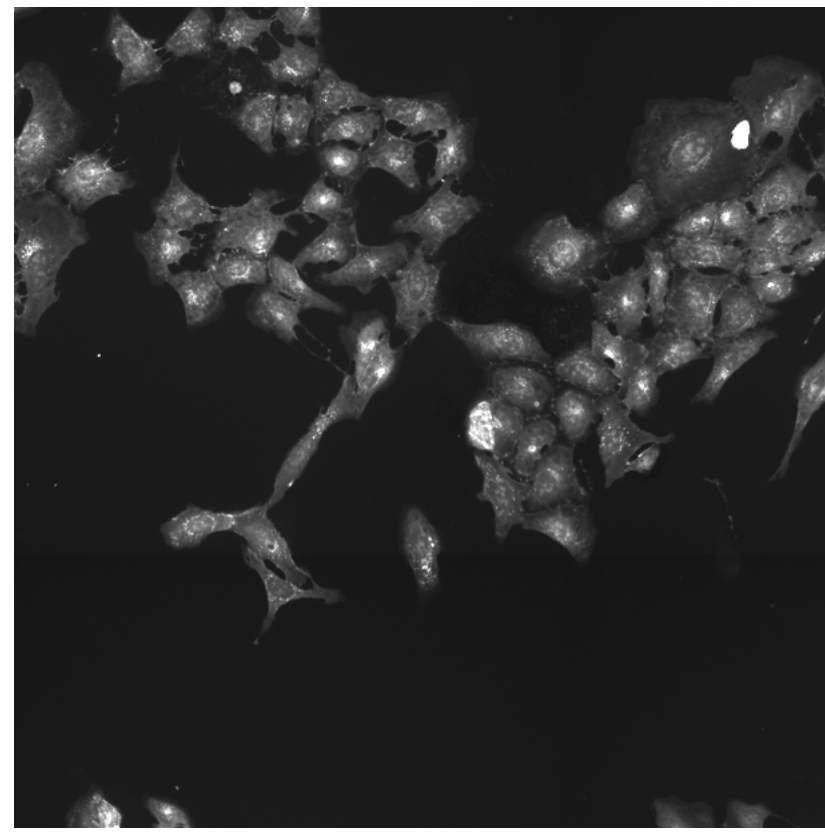
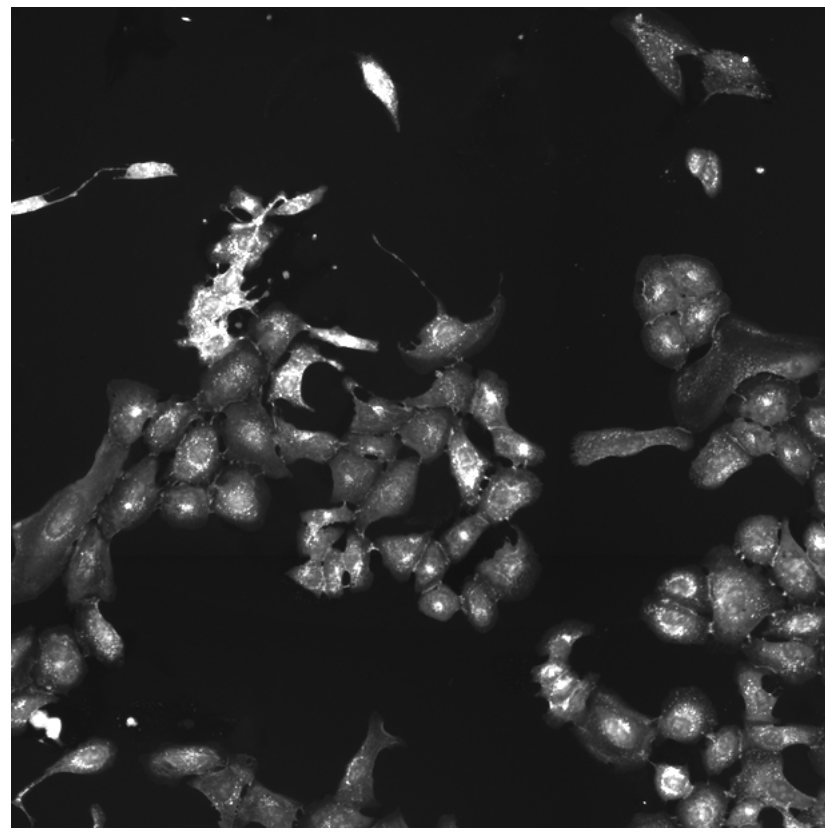
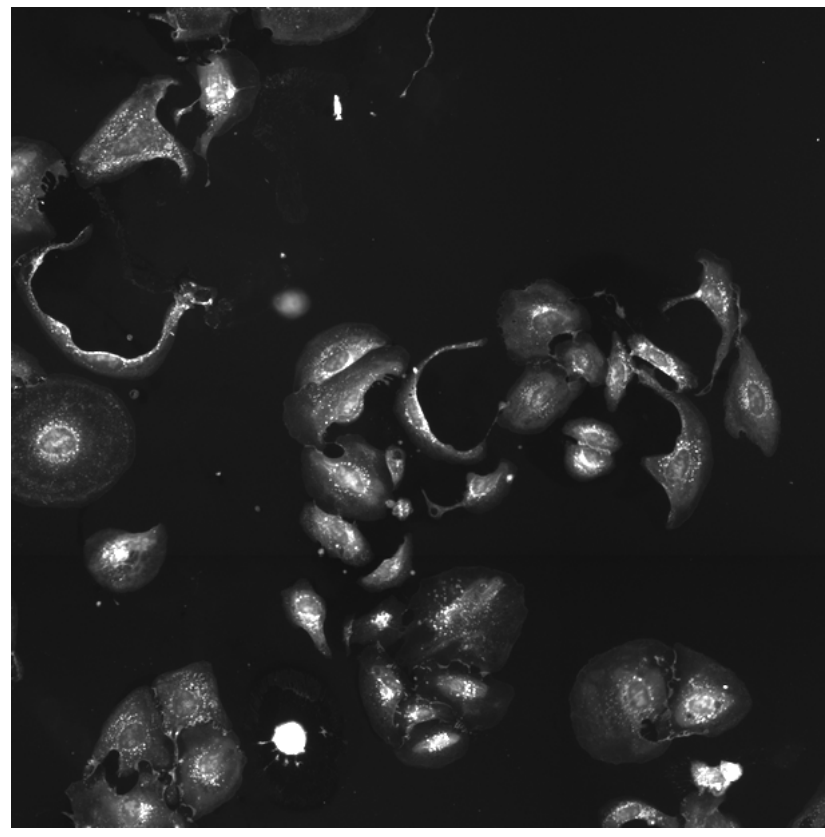
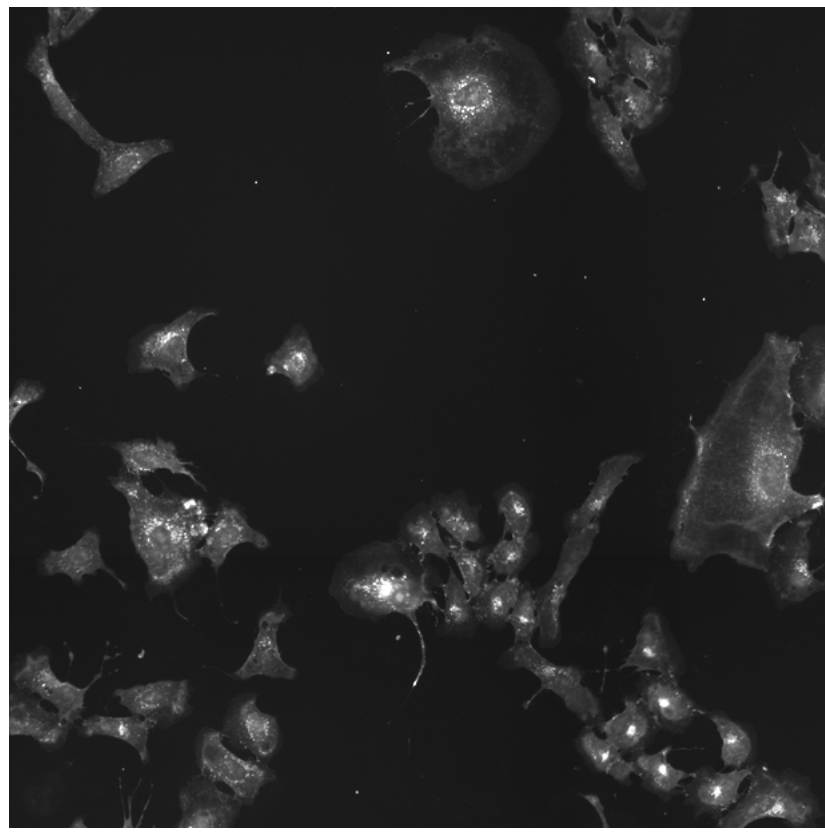
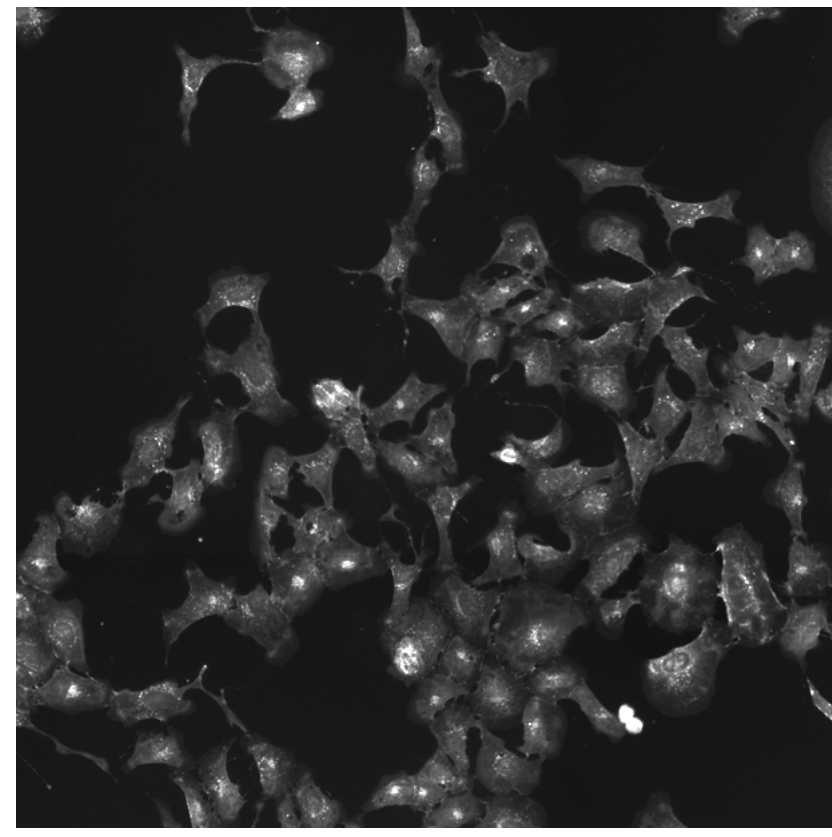
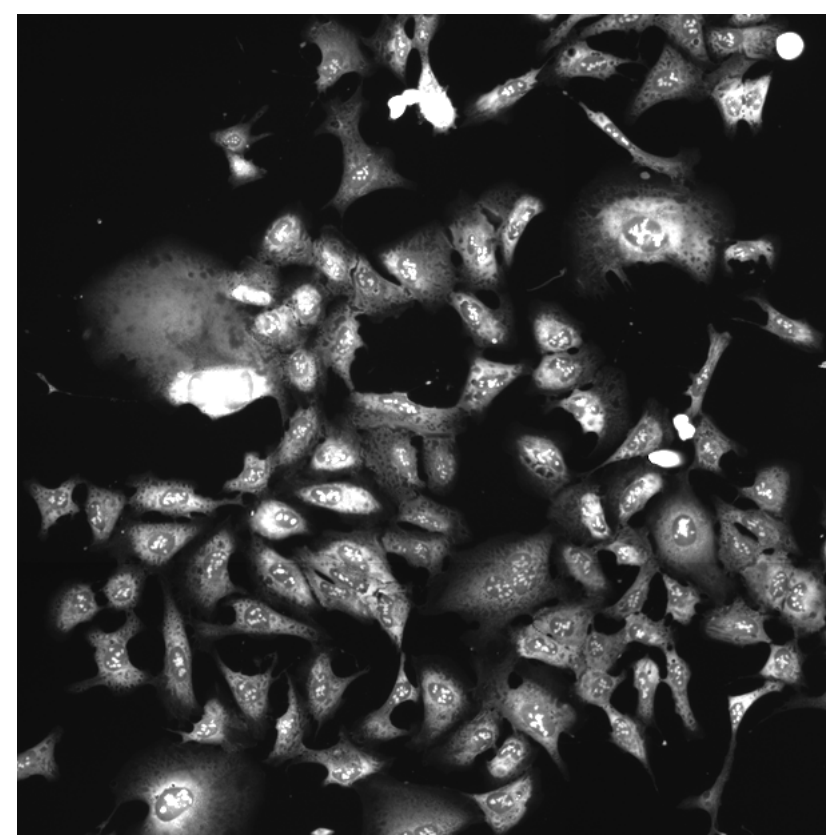
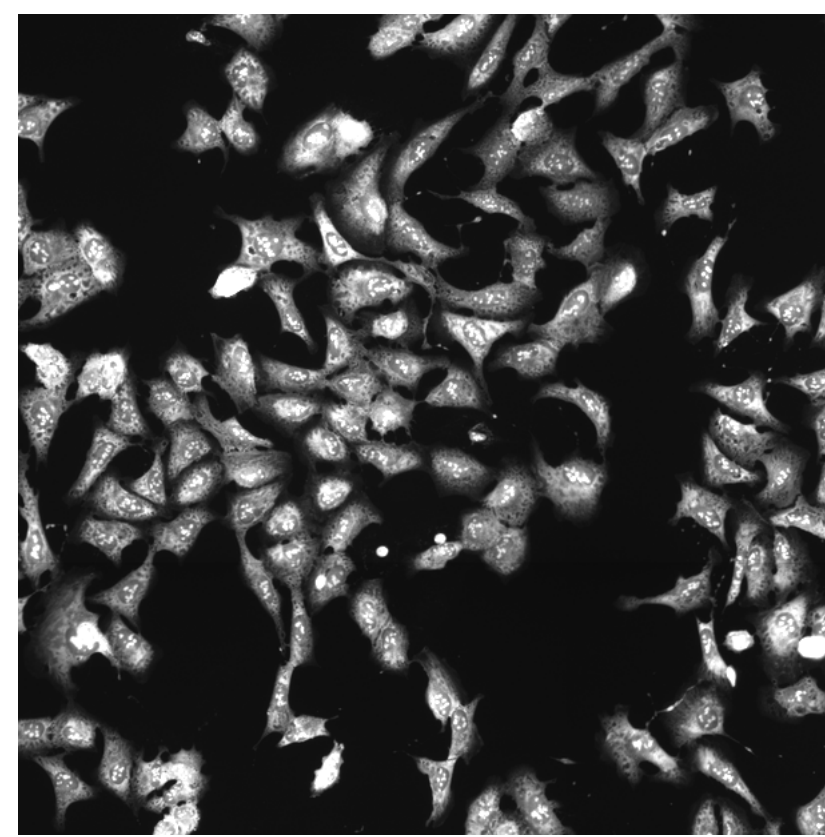
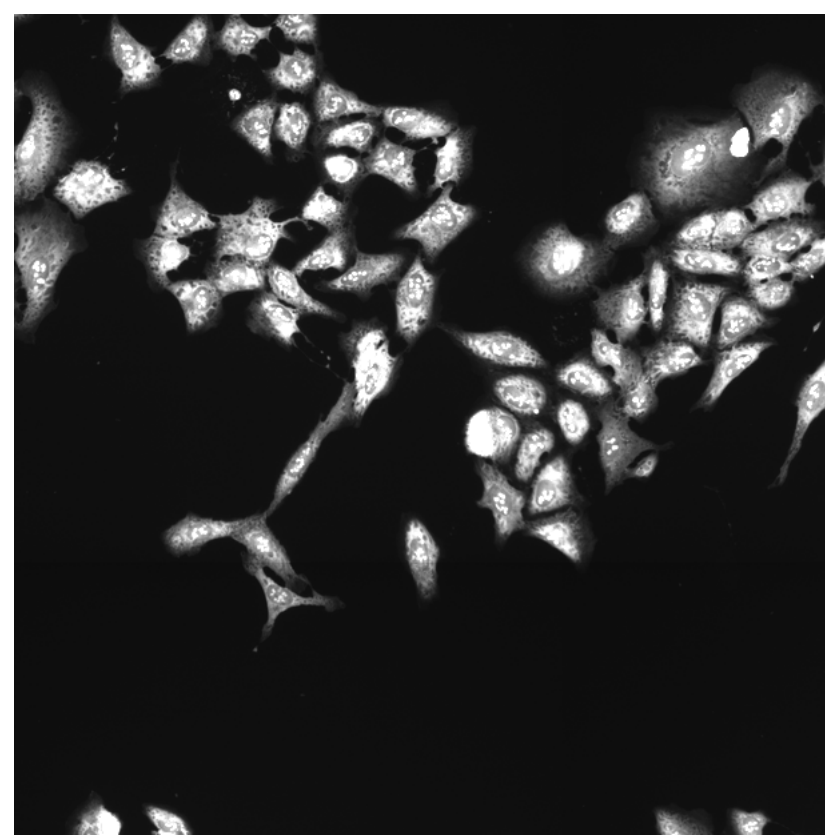
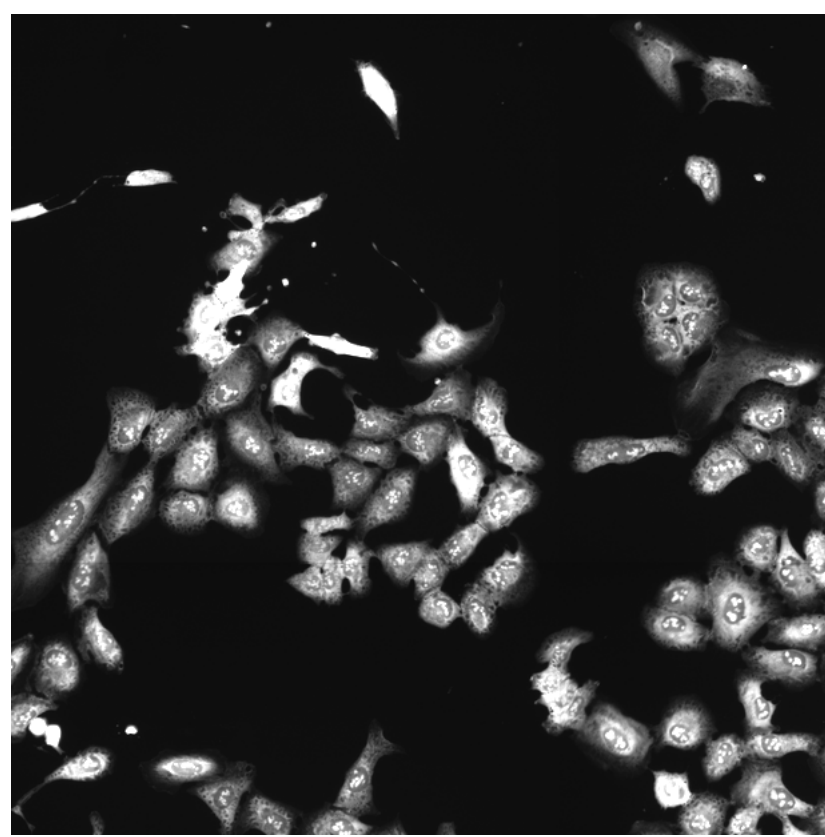
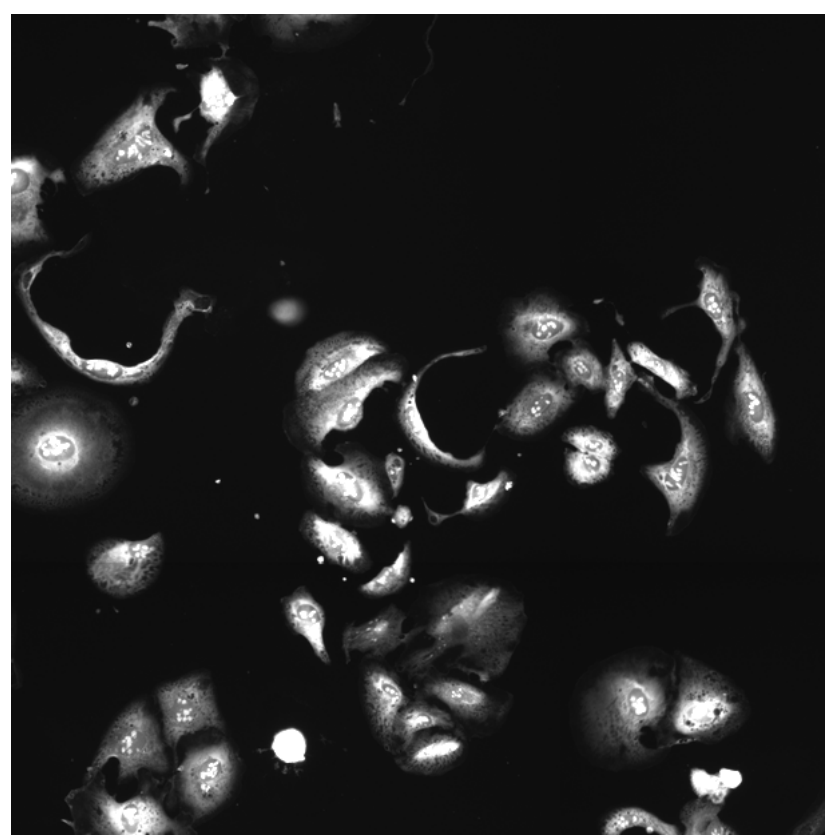
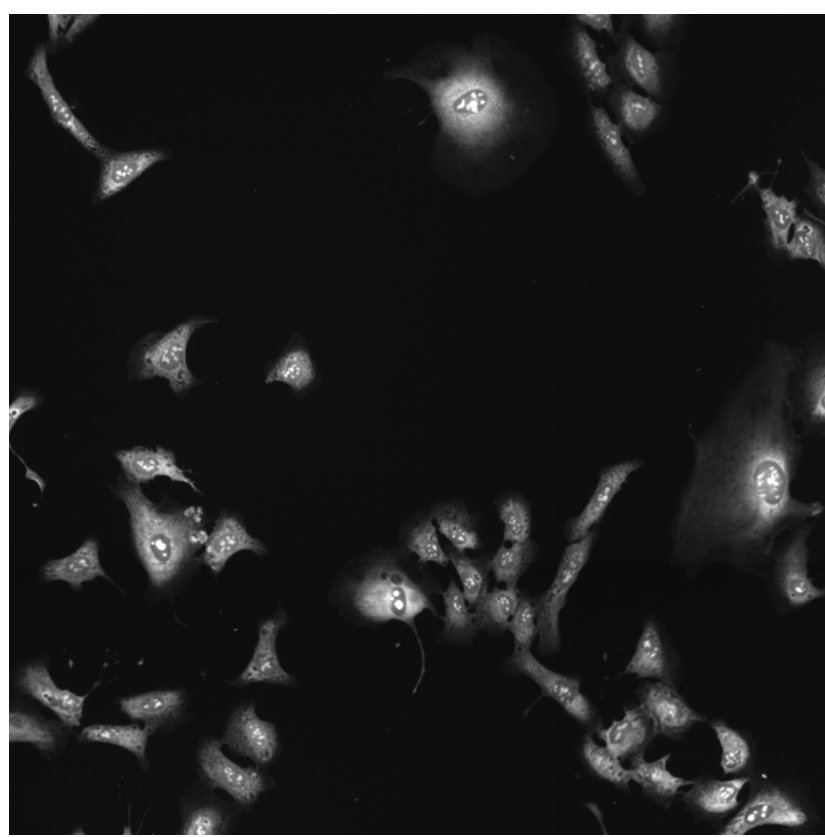
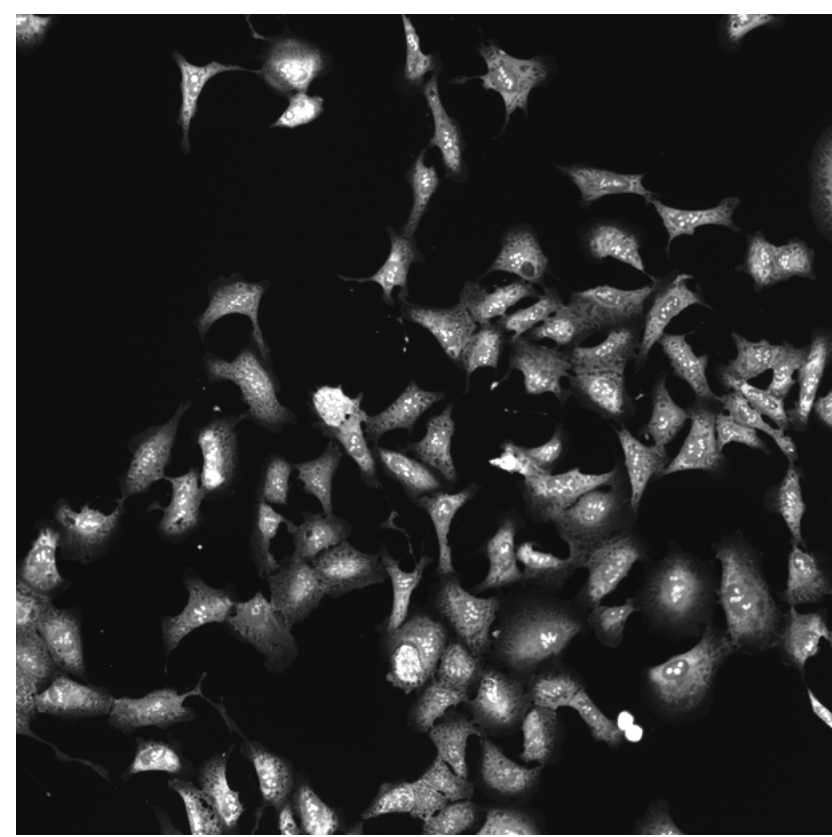
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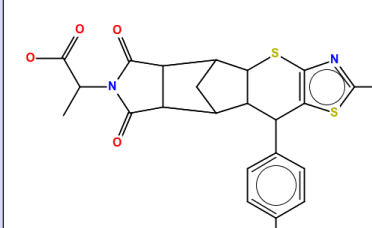
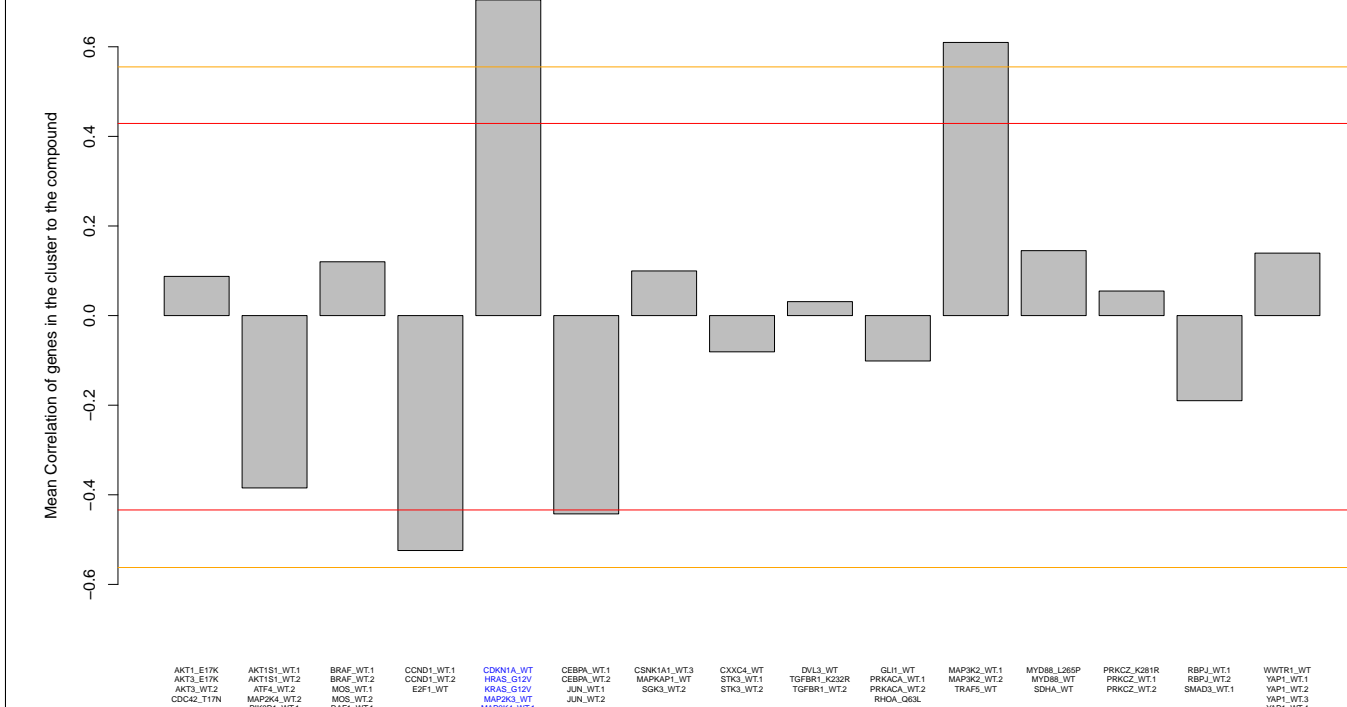
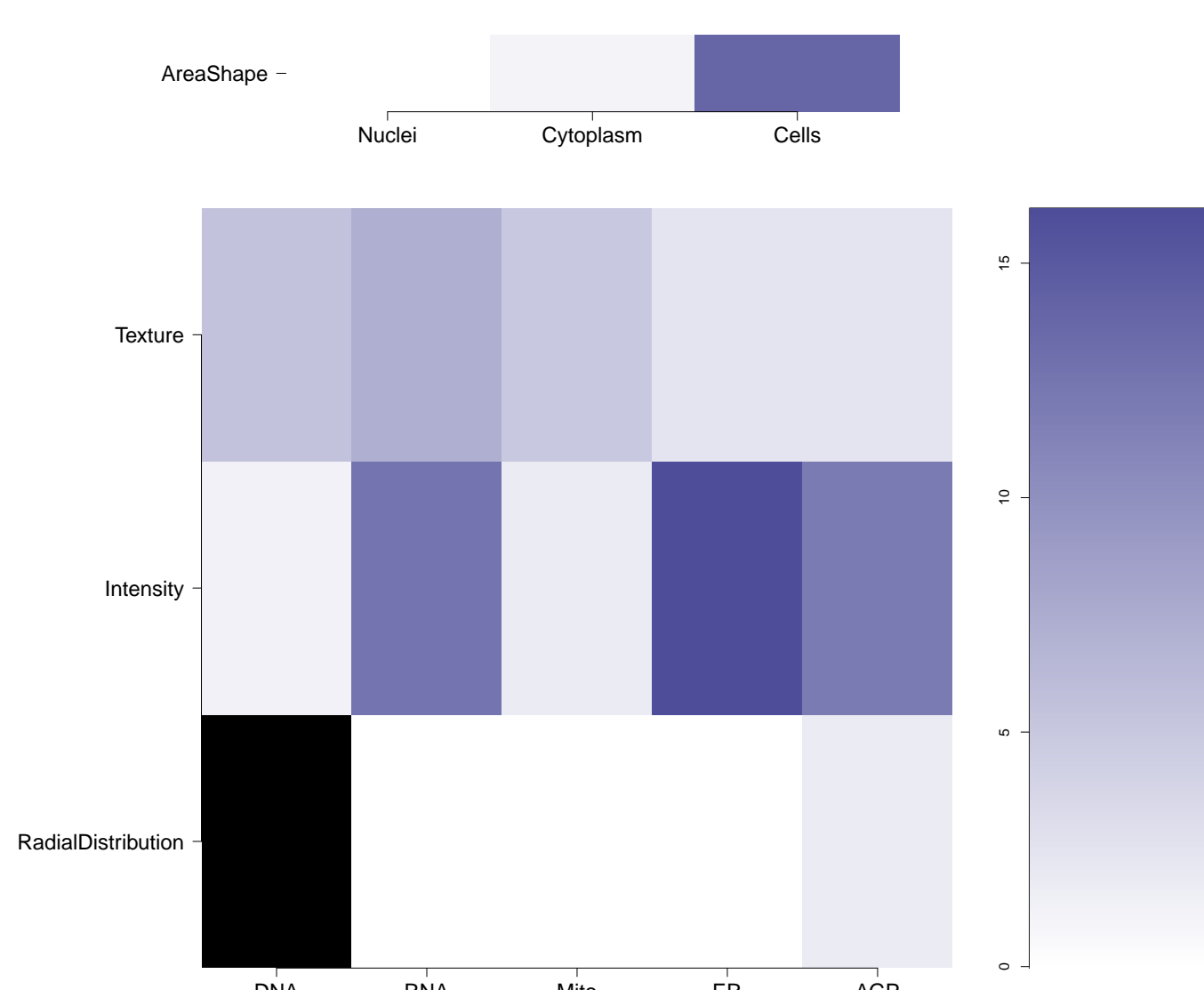

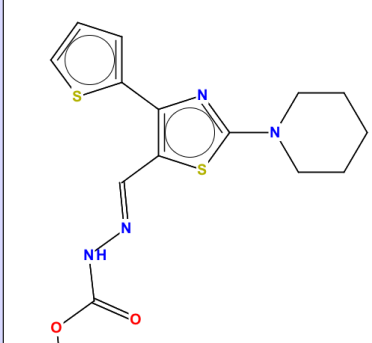
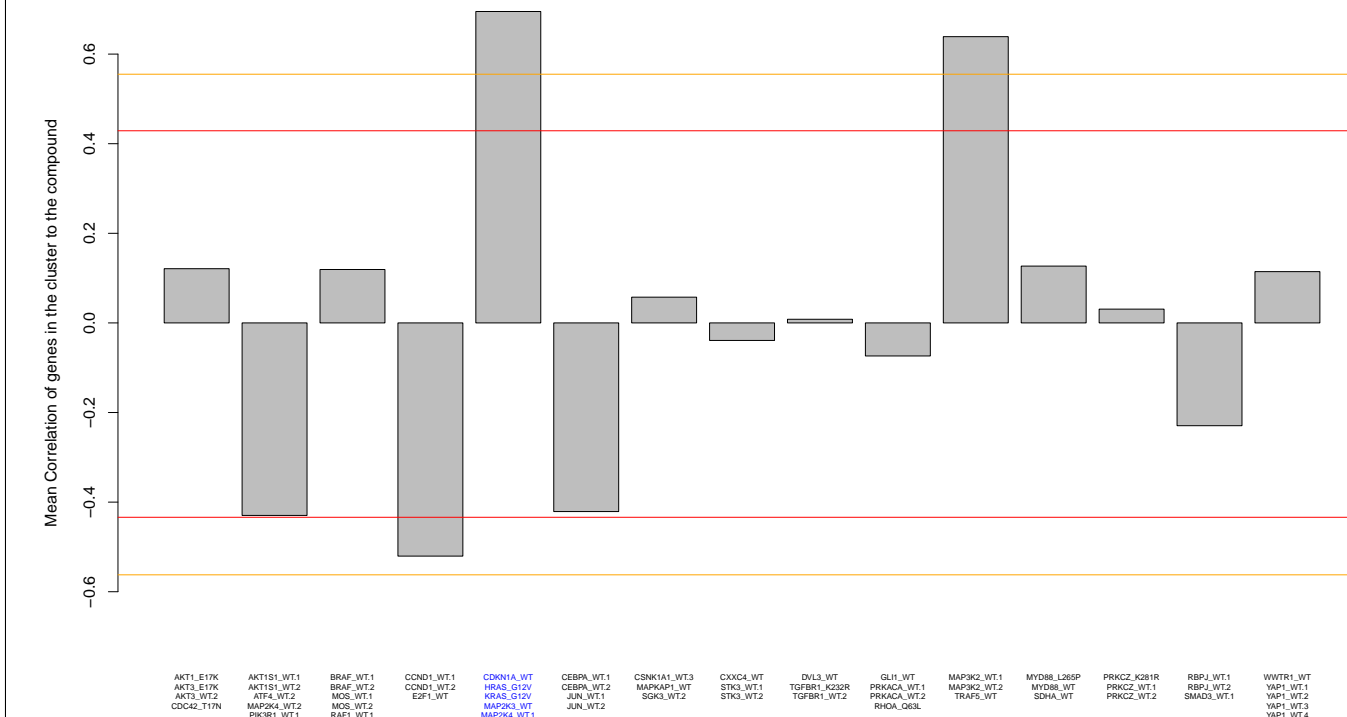
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MAP2K3\_WT

MAP2K4\_WT.1

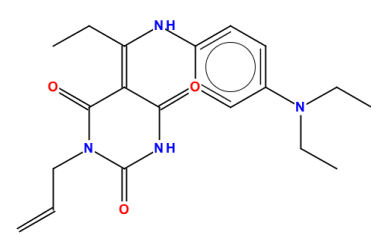
MAP3K5\_WT



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 0.54)	Mean $\pm$ standard deviation correlation between compound and each gene in cluster; Tables contain data for individual genes	Mean compound rank when scored against genes in cluster using L1000 profiling $\pm$ standard deviation; Tables contain data for individual genes	How similar is the compound signature to the gene clusters 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 genes in the cluster 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 cluster	Number of PubChem assays in which the compound was tested; assays in which the compound was active are itemized														
BRD-A81850691-001-05-0 F1734-0091 AC1NJT6B MLS000697333 HMS2580B04 SMR000238009 ST50110788 PubChem CID : 4902407		0.95 (in 4 replicates)	<table><thead><tr><th>Treatment</th><th>Score</th></tr></thead><tbody><tr><td>CHRNA1.WT</td><td>0.83</td></tr><tr><td>HEAS.G2V</td><td>0.78</td></tr><tr><td>HEAS.G2V</td><td>0.61</td></tr><tr><td>MAPK1.WT</td><td>0.68</td></tr><tr><td>MAPK1.WT.1</td><td>0.68</td></tr><tr><td>MAPK1.WT</td><td>0.72</td></tr></tbody></table>	Treatment	Score	CHRNA1.WT	0.83	HEAS.G2V	0.78	HEAS.G2V	0.61	MAPK1.WT	0.68	MAPK1.WT.1	0.68	MAPK1.WT	0.72	NA				Total number of assays tested in: 639. Active in the following assays: <ul style="list-style-type: none"><li>Fluorescence Cell-Free Homogeneous Primary HTS to Identify Inhibitors of the RanGTP Importin-beta complex (AID 2216)</li><li>High Content Assay for Compounds that inhibit the Assembly of the Perinuclear Compartment (AID 2417)</li><li>Primary biochemical fluorescence polarization based high throughput screening assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 652257)</li></ul>
Treatment	Score																					
CHRNA1.WT	0.83																					
HEAS.G2V	0.78																					
HEAS.G2V	0.61																					
MAPK1.WT	0.68																					
MAPK1.WT.1	0.68																					
MAPK1.WT	0.72																					
BRD-K40926874-001-06-3 T6051781 AC1OBTHD MLS000516321 ZINC12727563 SMR000372882 PubChem CID : 6902822		0.93 (in 3 replicates)	<table><thead><tr><th>Treatment</th><th>Score</th></tr></thead><tbody><tr><td>CHRNA1.WT</td><td>0.83</td></tr><tr><td>HEAS.G2V</td><td>0.79</td></tr><tr><td>HEAS.G2V</td><td>0.51</td></tr><tr><td>MAPK1.WT</td><td>0.66</td></tr><tr><td>MAPK1.WT.1</td><td>0.65</td></tr><tr><td>MAPK1.WT</td><td>0.72</td></tr></tbody></table>	Treatment	Score	CHRNA1.WT	0.83	HEAS.G2V	0.79	HEAS.G2V	0.51	MAPK1.WT	0.66	MAPK1.WT.1	0.65	MAPK1.WT	0.72	NA				Total number of assays tested in: 636. Active in the following assays: <ul style="list-style-type: none"><li>qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030)</li><li>qHTS Assay for Inhibitors of Bacillus subtilis Stp phosphopantetheinyl transferase (PPTase) (AID 1490)</li><li>VP16 counterscreen qHTS for inhibitors of ROR gamma transcriptional activity (AID 2546)</li><li>qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551)</li><li>uHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190)</li><li>uHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463212)</li><li>Single concentration confirmation of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463213)</li><li>Single concentration confirmation of small molecule inhibitors of tim25-1 yeast via a luminescent assay (AID 463218)</li><li>HTS-Luminescent assay for inhibitors of ALDH by detection of hydrogen peroxide production Measured in Biochemical System Using Plat Reader - 2036-02.Inhibitor.SinglePoint.HTS (AID 485317)</li><li>qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332)</li></ul>
Treatment	Score																					
CHRNA1.WT	0.83																					
HEAS.G2V	0.79																					
HEAS.G2V	0.51																					
MAPK1.WT	0.66																					
MAPK1.WT.1	0.65																					
MAPK1.WT	0.72																					



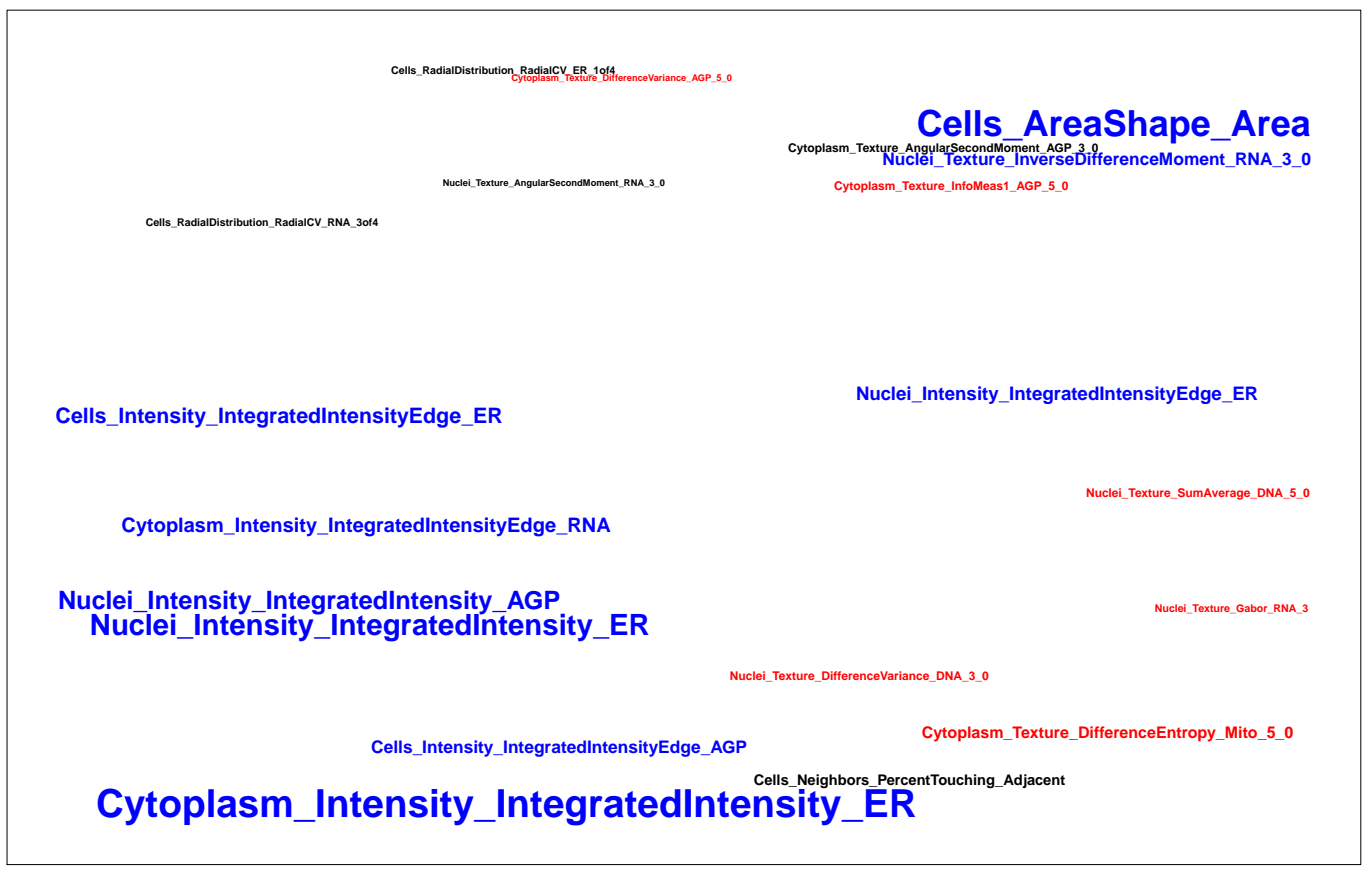
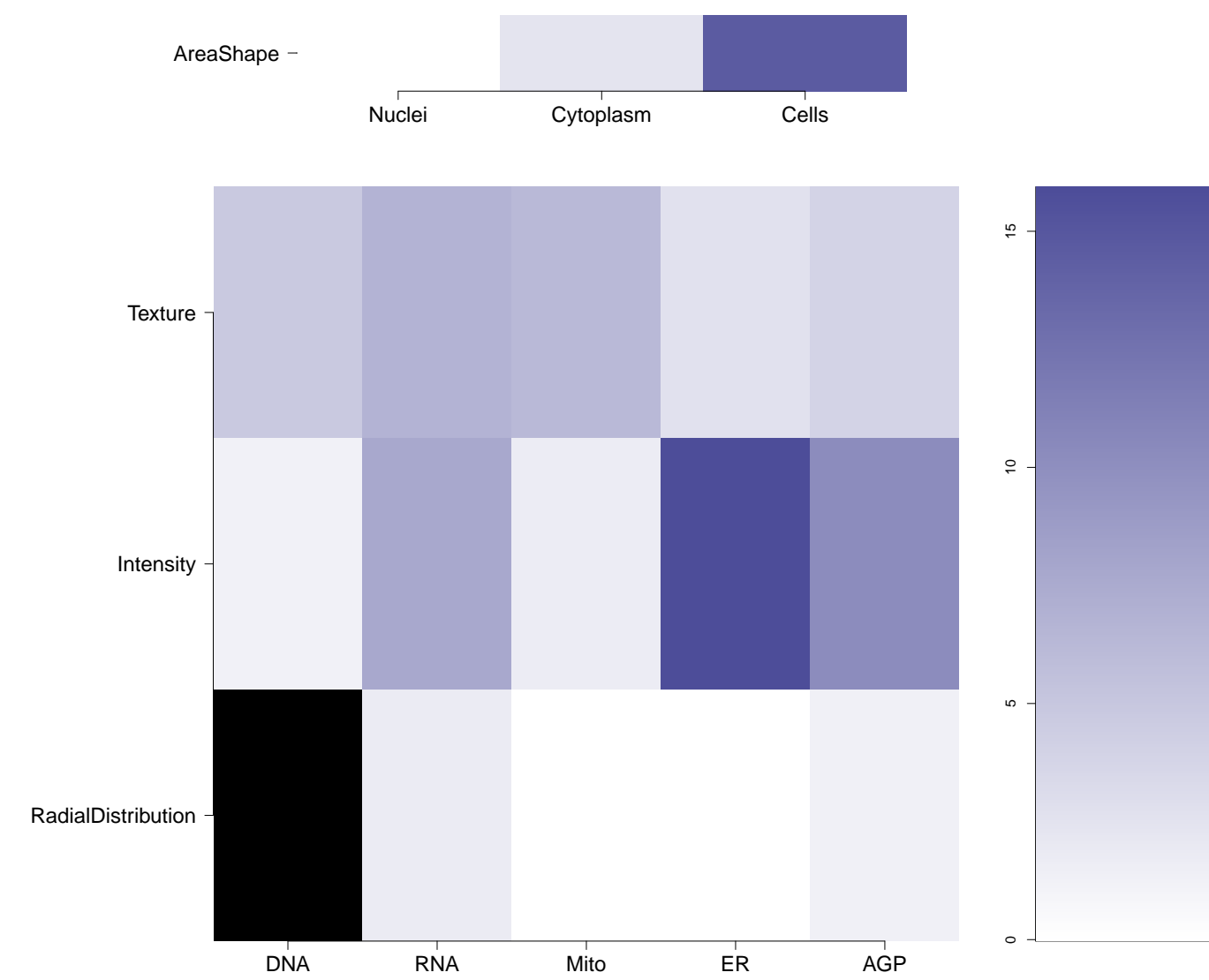
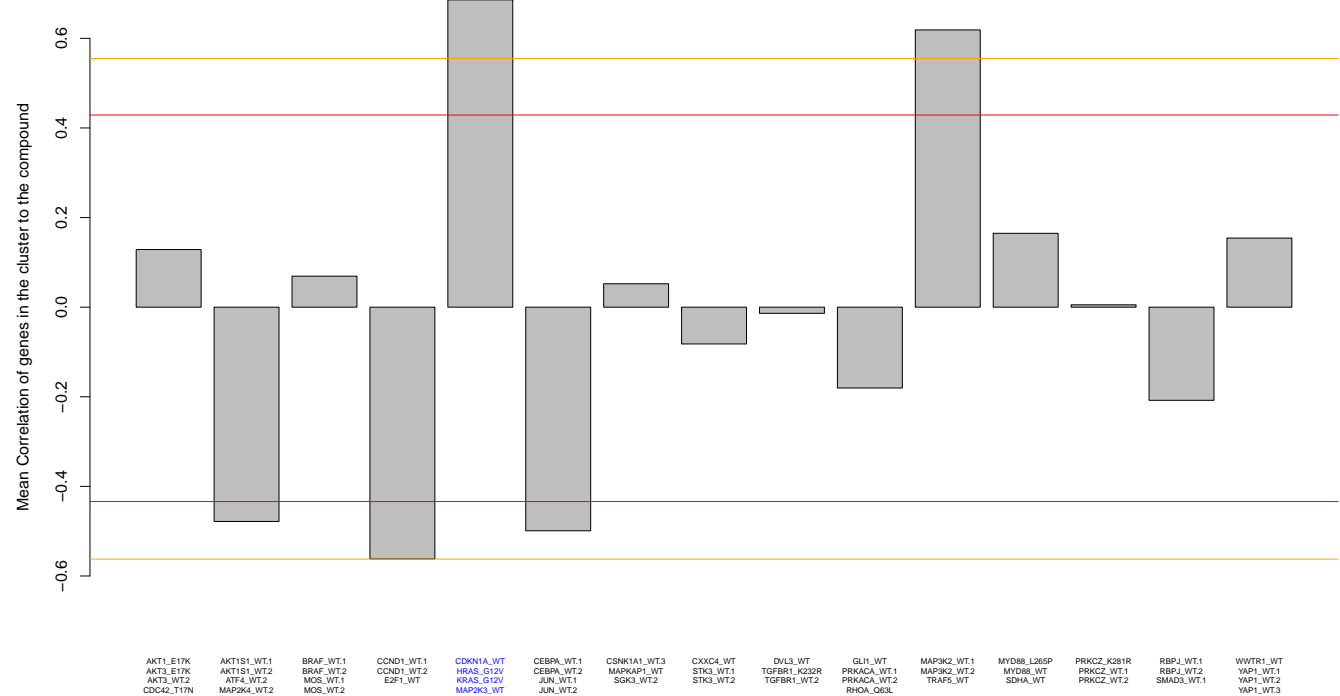
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0.92 (in 4 replicates)

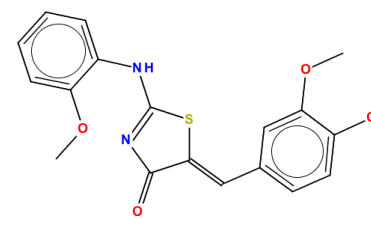
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MAPK1.WT	0.04
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Treatment	Score
CHRNA.WT	0.136
HBAR.G1V	0.758
HBAR.G1V	0.898
MAPK1.WT	0.778
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MAPK1.WT	0.064



- Total number of assays tested in: 775. Active in the following assays:
- MLPCN Streptokinase Expression Inhibition (AID 1662)
  - QFRET-based primary biochemical high throughput screening assay to identify inhibitors of the Plasmodium falciparum M18 Aspartyl Aminopeptidase (PFM18AAP). (AID 1822)
  - Luminescence Microorganism-Based Dose Confirmation HTS to Identify Compounds Cytotoxic to SK(-)GAS Group A Streptococcus (AID 1900)
  - Luminescence Microorganism-Based Dose Confirmation HTS to Identify Inhibitors of Streptokinase Promotor Activity (AID 1902)
  - Luminescence Microorganism-Based Dose Response HTS to Identify Compounds Cytotoxic to Streptococcus (AID 1915)
  - Fluorescence Cell-Free Homogenous Primary HTS to Identify Inhibitors of the Ras-converting Enzyme (AID 2563)
  - HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732)
  - CHOP dose-response primary assay (AID 504322)
  - CHOP Confirmatory Screen (AID 504437)
  - qHTS for Inhibitors of binding or entry into cells for Lassa Virus (AID 540256)
  - uHTS identification of small molecule inhibitors of the mitochondrial permeability transition pore via an absorbance assay (AID 602449)
  - Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483)
  - Single concentration confirmation of uHTS inhibitor hits of the mitochondrial permeability transition pore via a fluorescent based assay (AID 624504)
  - 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)

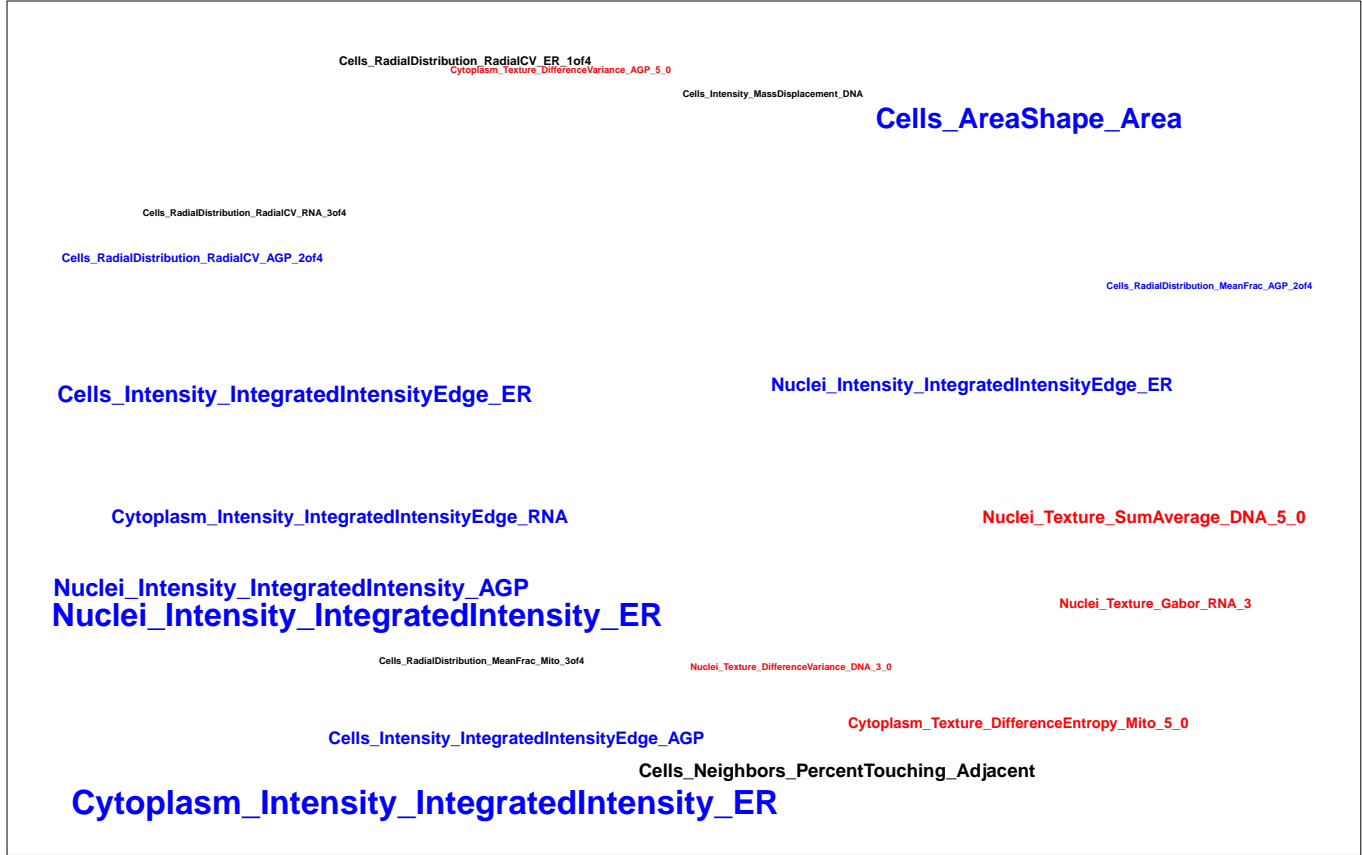
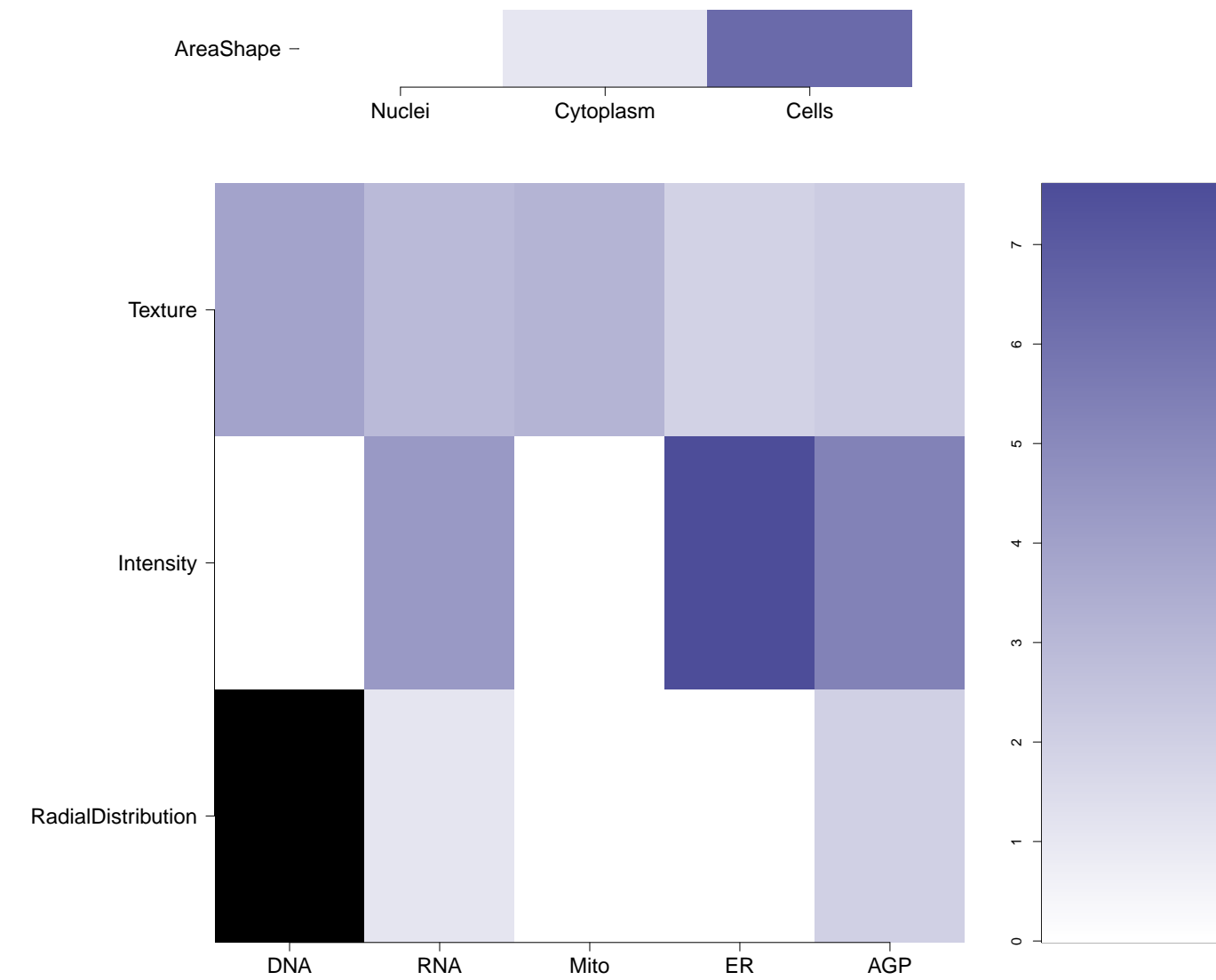
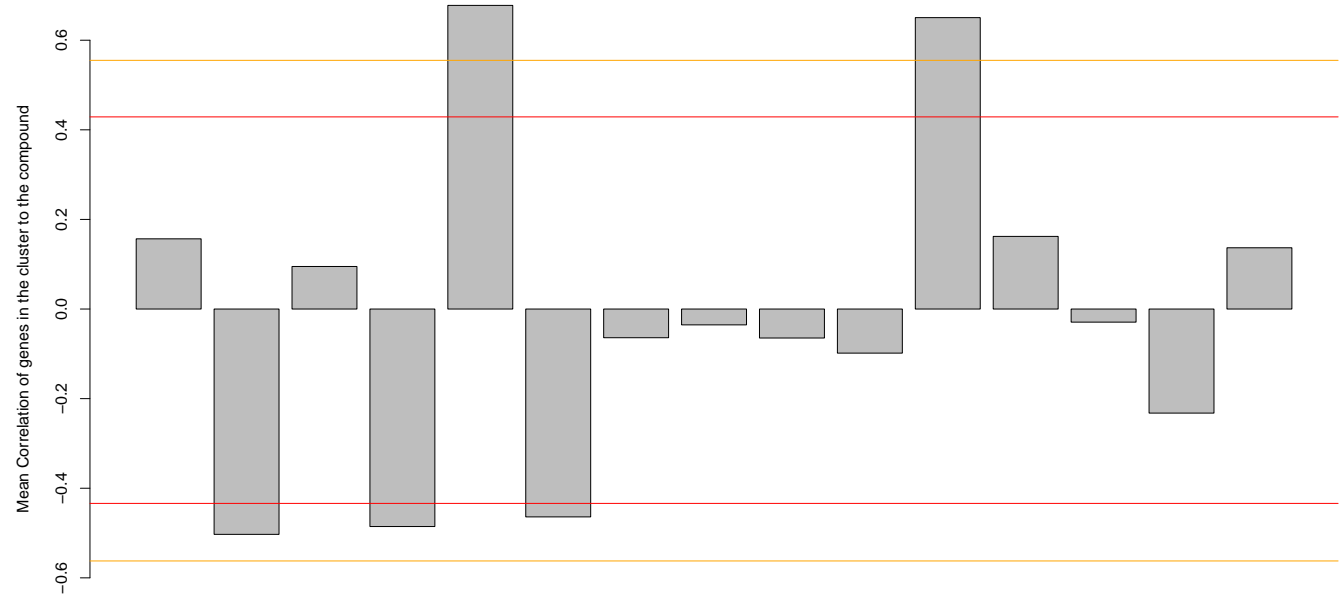
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0.88 (in 4 replicates)

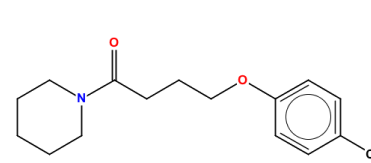
Treatment	Score
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HBAR.G1V	0.78
HBAR.G1V	0.72
MAPK1.WT	0.05
MAPK1.WT	0.03
MAPK1.WT	0.71

NA



- Total number of assays tested in: 518. Active in the following assays:
- Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)
  - Luminescence Cell-Free Homogenous Primary HTS to Identify Inhibitors of Serine/Threonine Kinase 33 Activity (AID 2661)
  - Luminescence Cell-Free Homogenous Dose Retest to Identify Inhibitors of Serine/Threonine Kinase 33 Activity (AID 2821)
  - Phenotypic HTS multiplex for antifungal efflux pump inhibitors (AID 485275)
  - HTS-Luminescent assay for inhibitors of ALR by detection of hydrogen peroxide production Measured in Biochemical System Using Plate Reader - 2036-02 Inhibitor.SinglePoint.HTS (AID 485317)
  - Primary cell-based screen for identification of compounds that inhibit the Choline Transporter (CHT) (AID 488975)
  - Dyrk1 A HTS Measured in Biochemical System Using Plate Reader - 2124-01 Inhibitor.SinglePoint.HTS.Activity (AID 504441)
  - MLPCN Dyrk1A Kinase Measured in Biochemical System Using Plate Reader - 2124-01 Inhibitor.Dose.CherryPick.Activity (AID 588345)
  - HTS Assay for Peg3 Promoter Inhibitors (AID 588405)
  - STK-33 Kinase Inhibition Measured in Biochemical System Using Plate Reader - 2052-02 Inhibitor.Dose.DryPowder.Activity.Set2 (AID 588480)
  - uHTS identification of inhibitors of Rpn11 in a Fluorescent Polarization assay (AID 588493)
  - STK-33 Kinase Inhibition Measured in Biochemical System Using Plate Reader - 2052-02 Inhibitor.Dose.DryPowder.Activity (AID 588632)
  - Counter screen for activity against Aurora B, in dose Measured in Biochemical System Using Scintillation - 2052-06 Inhibitor.Dose.DryPowder.Activity.Set2 (AID 588756)
  - uHTS identification of cystic fibrosis induced NFkB Inhibitors in a fluorescence assay (AID 588850)
  - Single concentration confirmation of uHTS inhibitor hits from RPN11 in a Fluorescence Polarization assay (AID 602318)
  - Single concentration validation of uHTS RPN11 inhibitor hits using a Thrombin Fluorescence Polarization assay (AID 602333)
  - Single concentration confirmation of uHTS hits for Peg3 Promoter Inhibitors via a luciferase reporter assay (AID 602417)
  - A quantitative high throughput screen for small molecules that induce DNA re-replication in MCF 10a normal breast cells. (AID 624296)
  - A quantitative high throughput screen for small molecules that induce DNA re-replication in SW480 colon adenocarcinoma cells. (AID 624297)
  - Discovery of small molecule inhibitors of the oncogenic and cytotoxic protein MgcRacGAP - HeLa Cytotoxicity (AID 624300)
  - Discovery of small molecule inhibitors of the oncogenic and cytotoxic protein MgcRacGAP - Primary and Confirmatory Screens (AID 624330)
  - Discovery of small molecule inhibitors of the oncogenic and cytotoxic protein MgcRacGAP - Counter Screen Coupled Enzyme (AID 624351)
  - HTS for PAX8 inhibitors using PAX8 luciferase reporter gene assay in RMG-I cells Measured in Cell-Based System Using Plate Reader - 7054-01 Inhibitor.SinglePoint.HTS.Activity (AID 652154)
  - qHTS for induction of synthetic lethality in tumor cells producing 2HG: qHTS for the HT-1080-NT fibrosarcoma cell line (AID 686070)
  - qHTS for induction of synthetic lethality in tumor cells producing 2HG: qHTS for the HT-1080-IDH1KD cell line (AID 686971)
  - qHTS for Inhibitors of Inflammation Signaling: IL-1-beta AlphaLISA Primary Screen (AID 743279)
  - Confirmed inhibitors of Serine Threonine Kinase 33, STK33 (AID 743321)

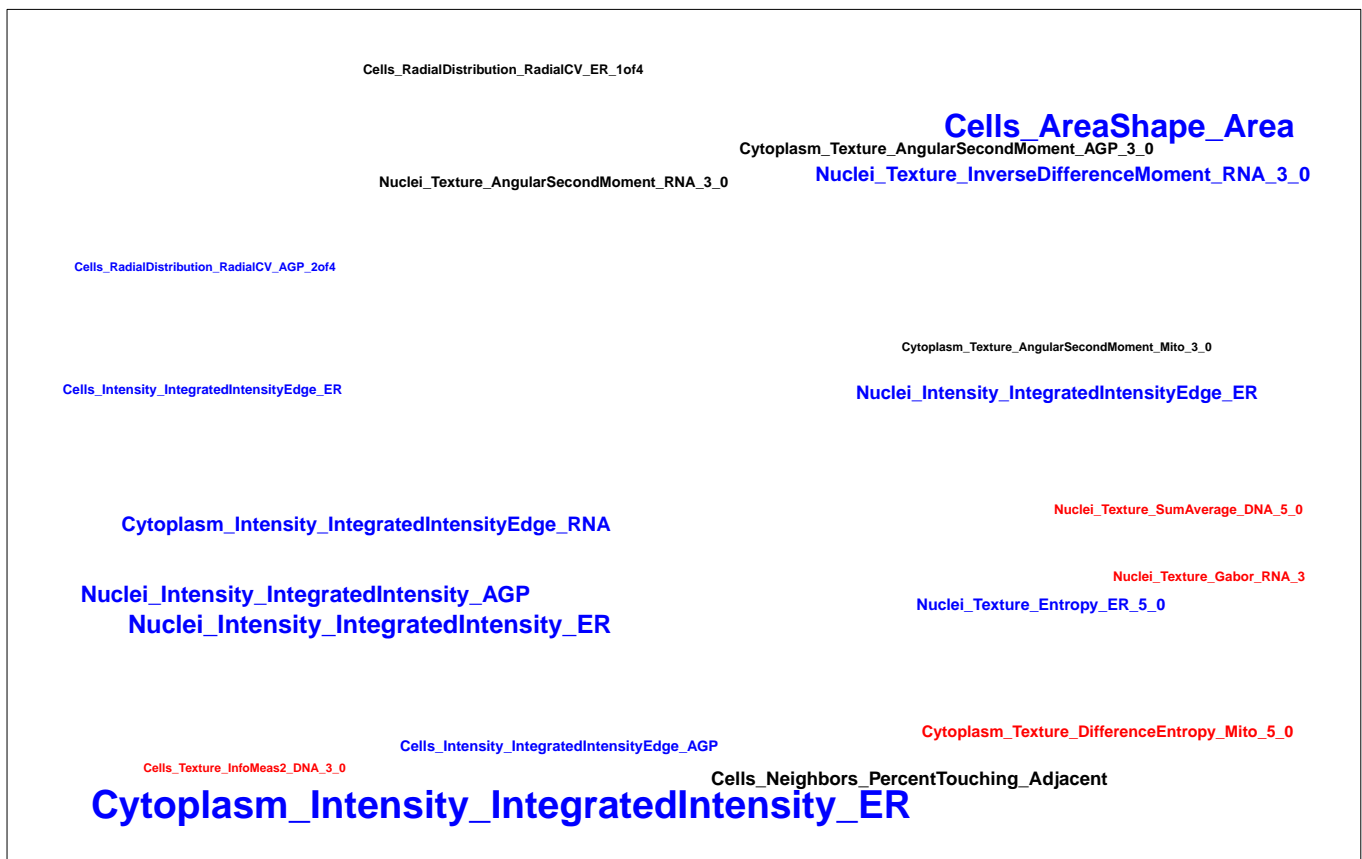
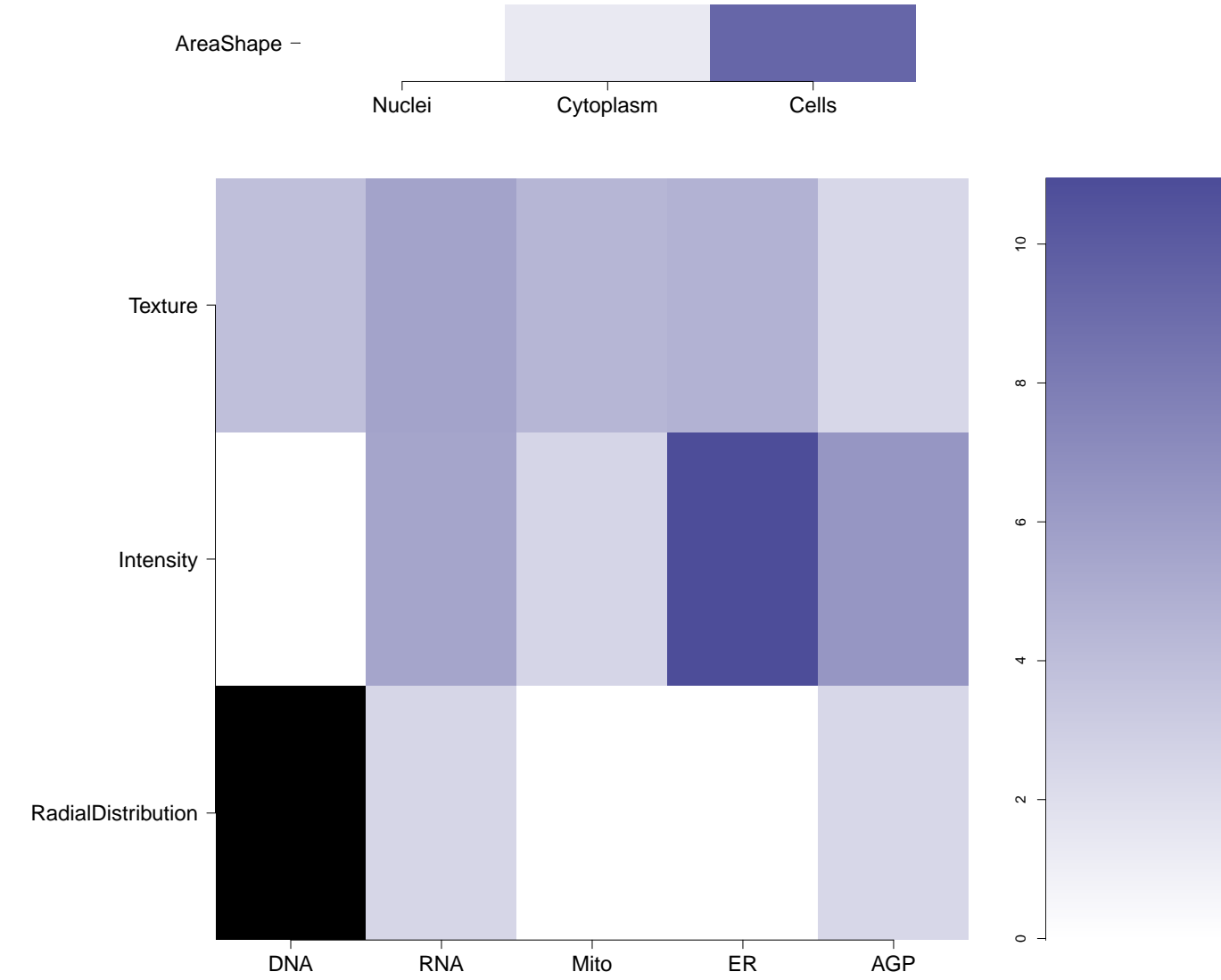
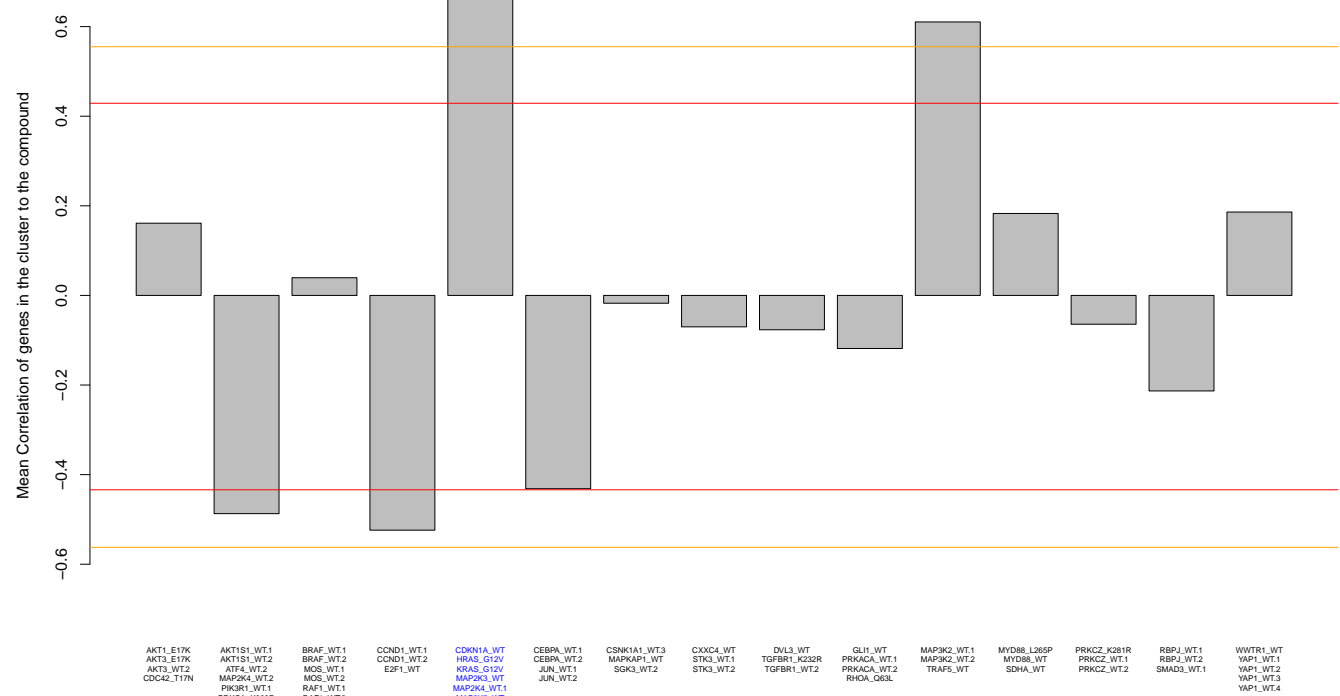
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0.84 (in 4 replicates)

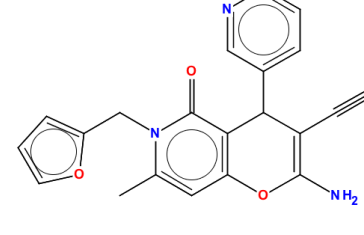
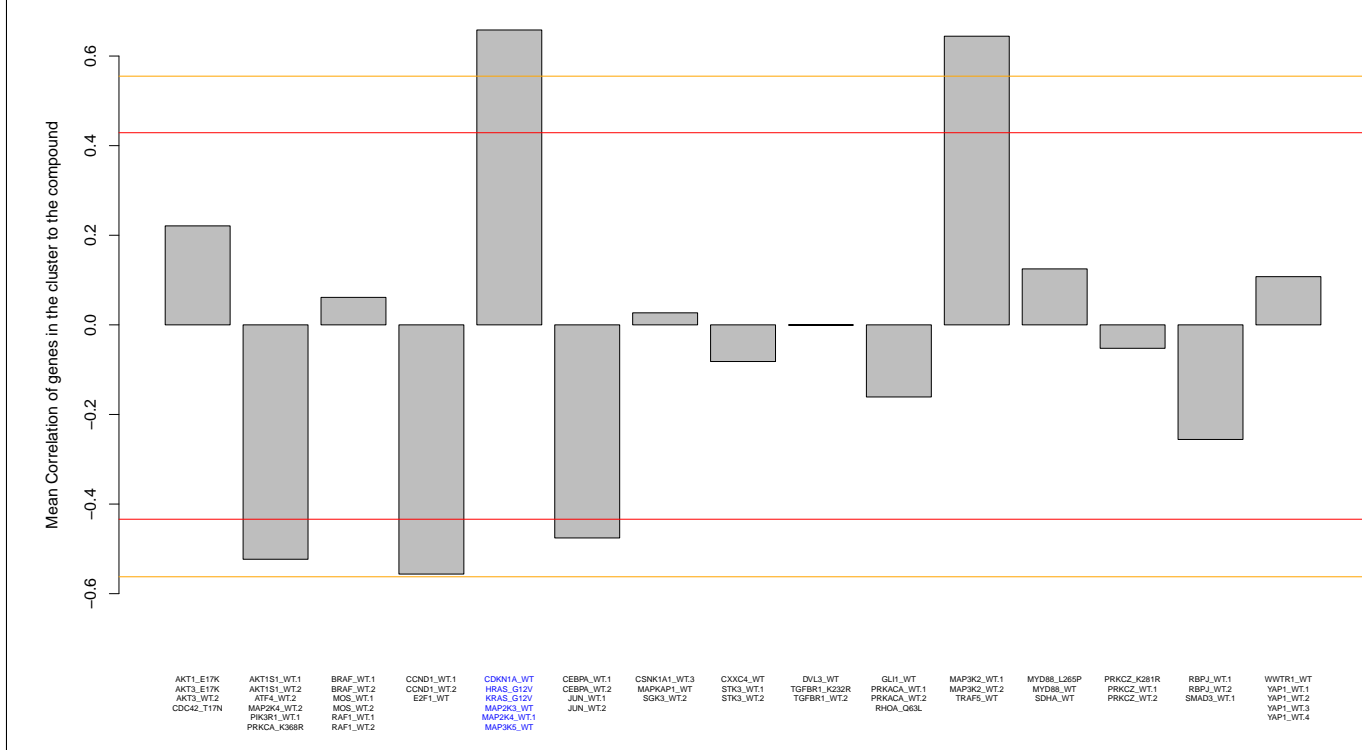
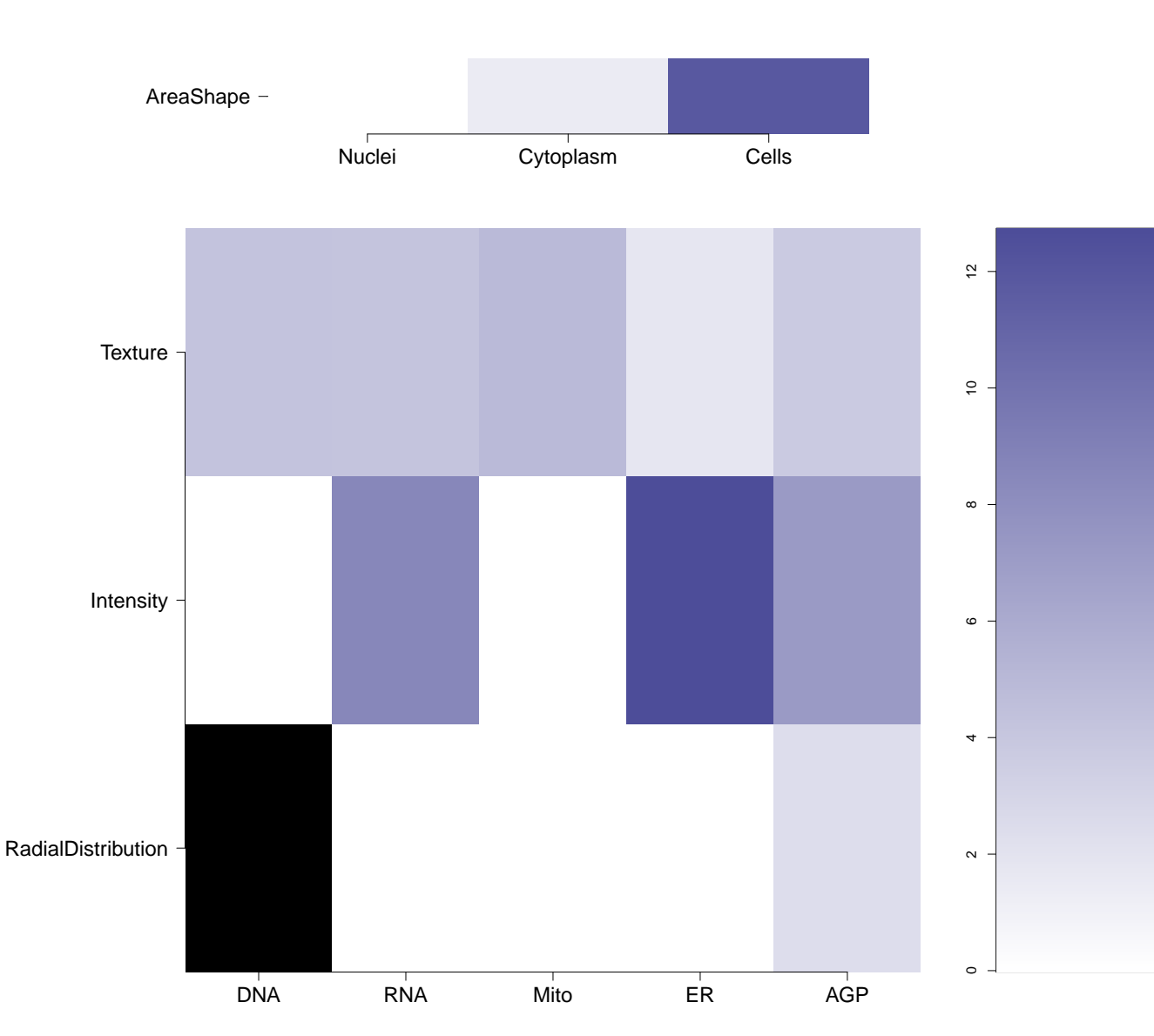
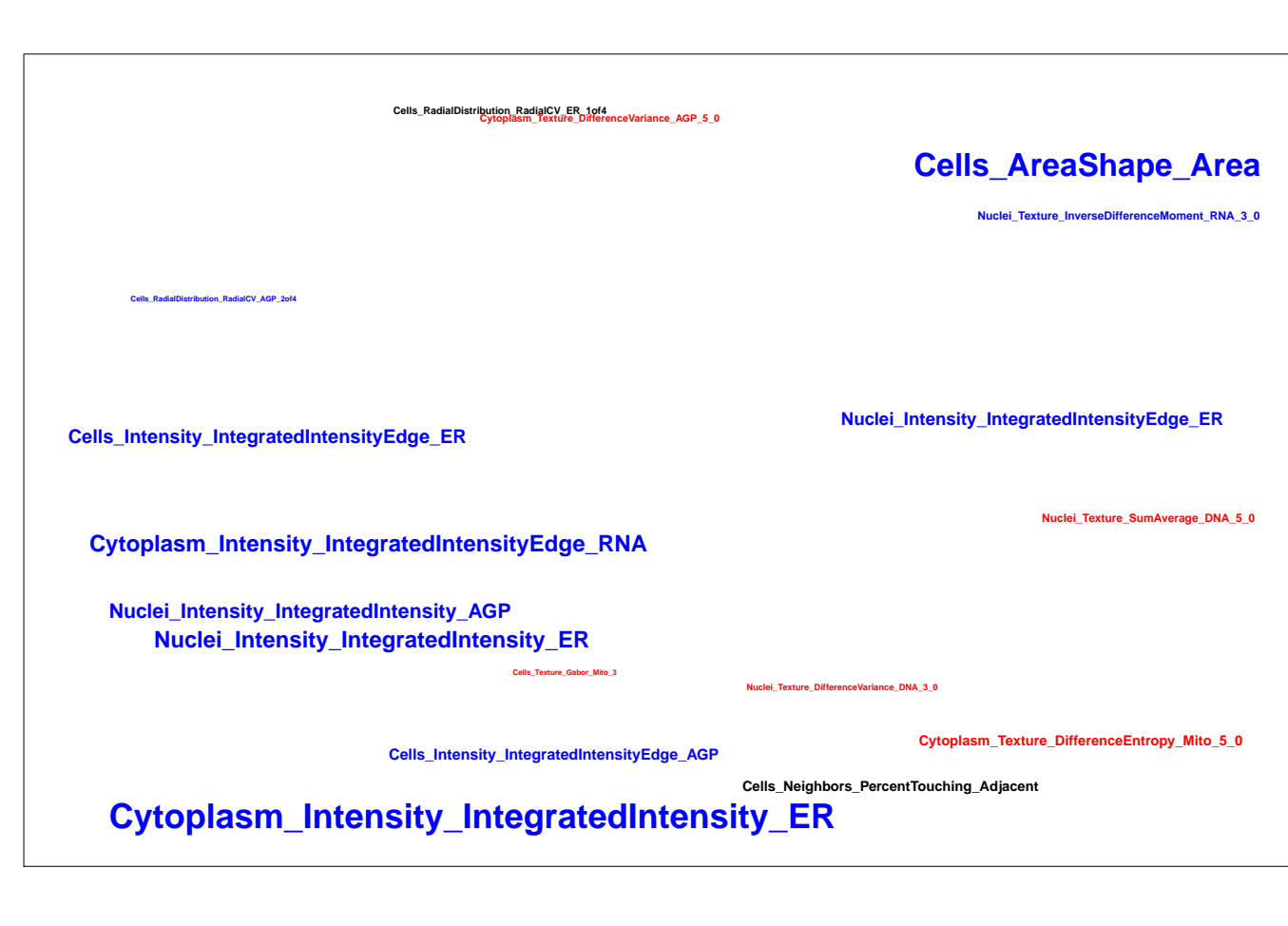
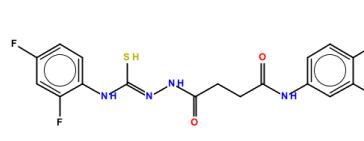
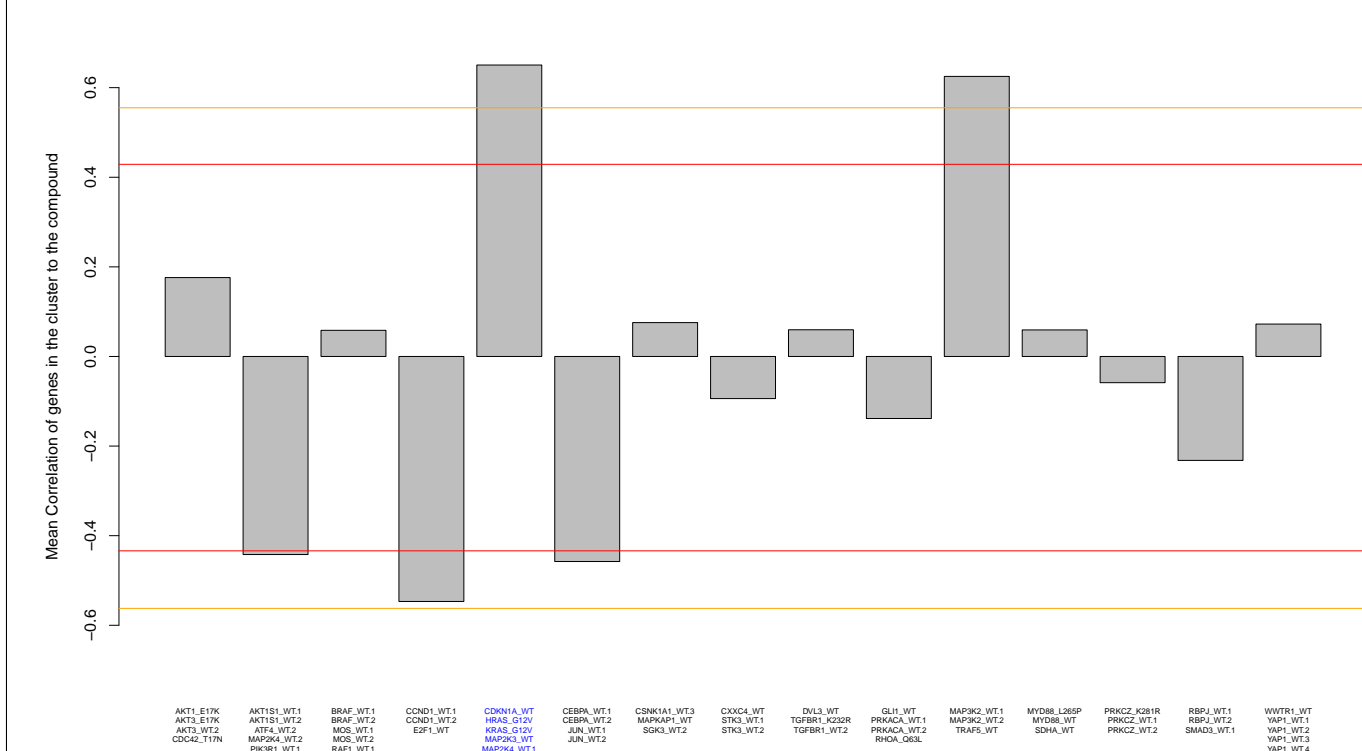
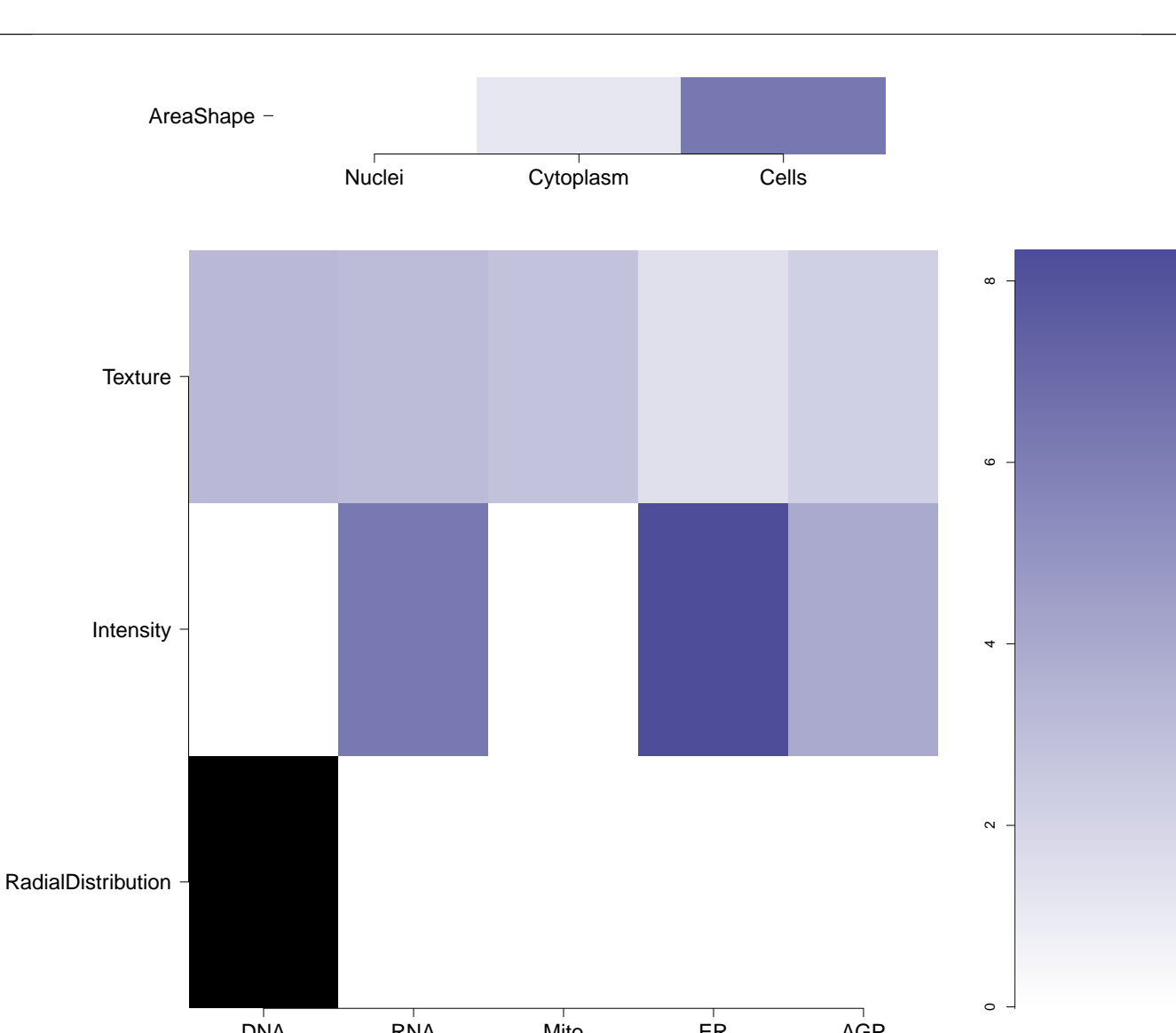
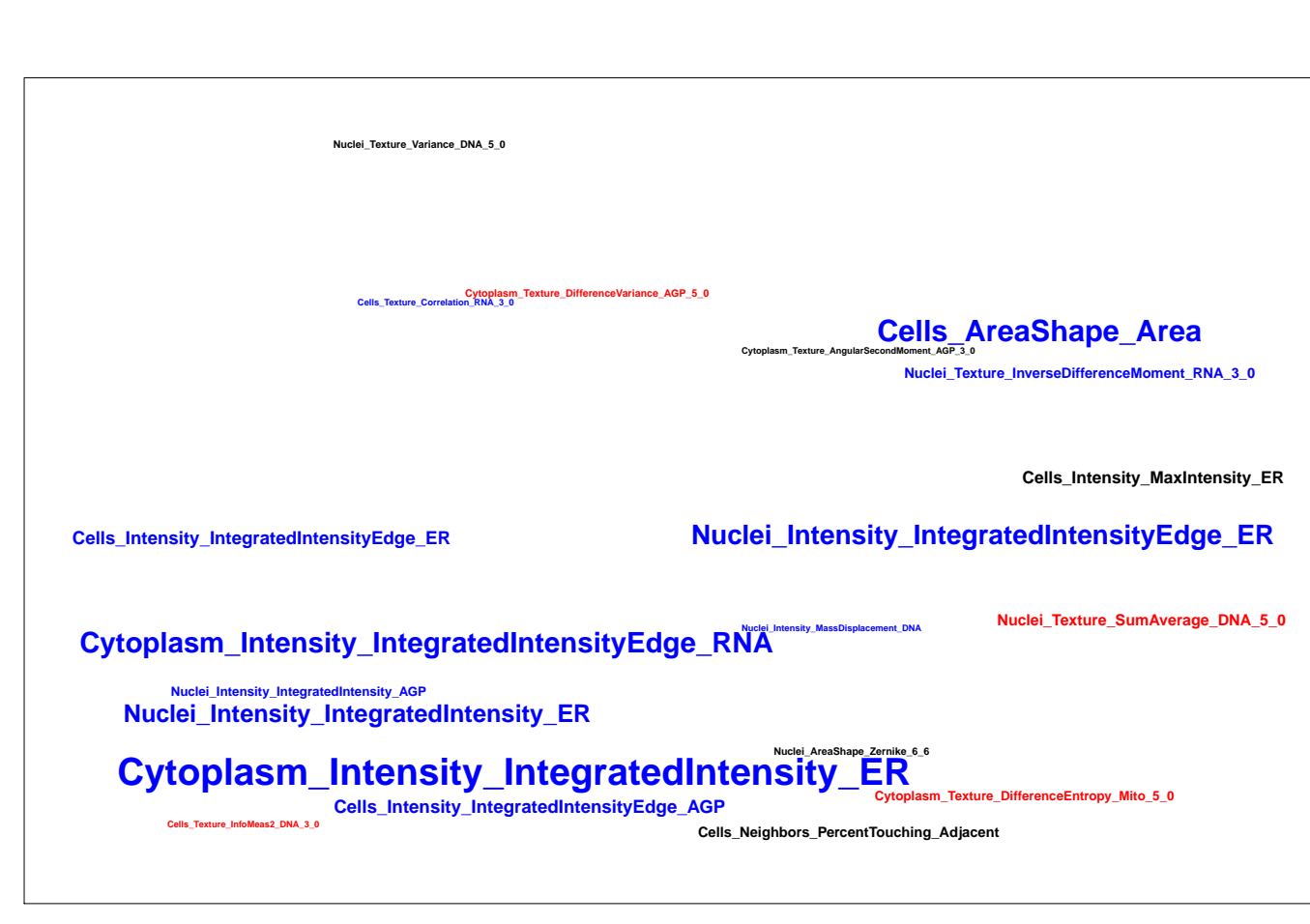
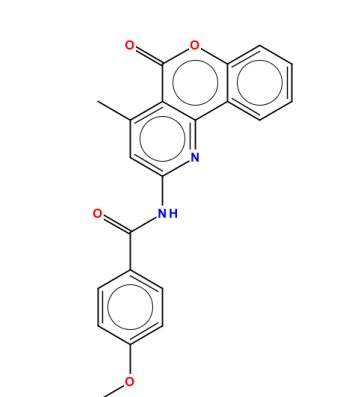
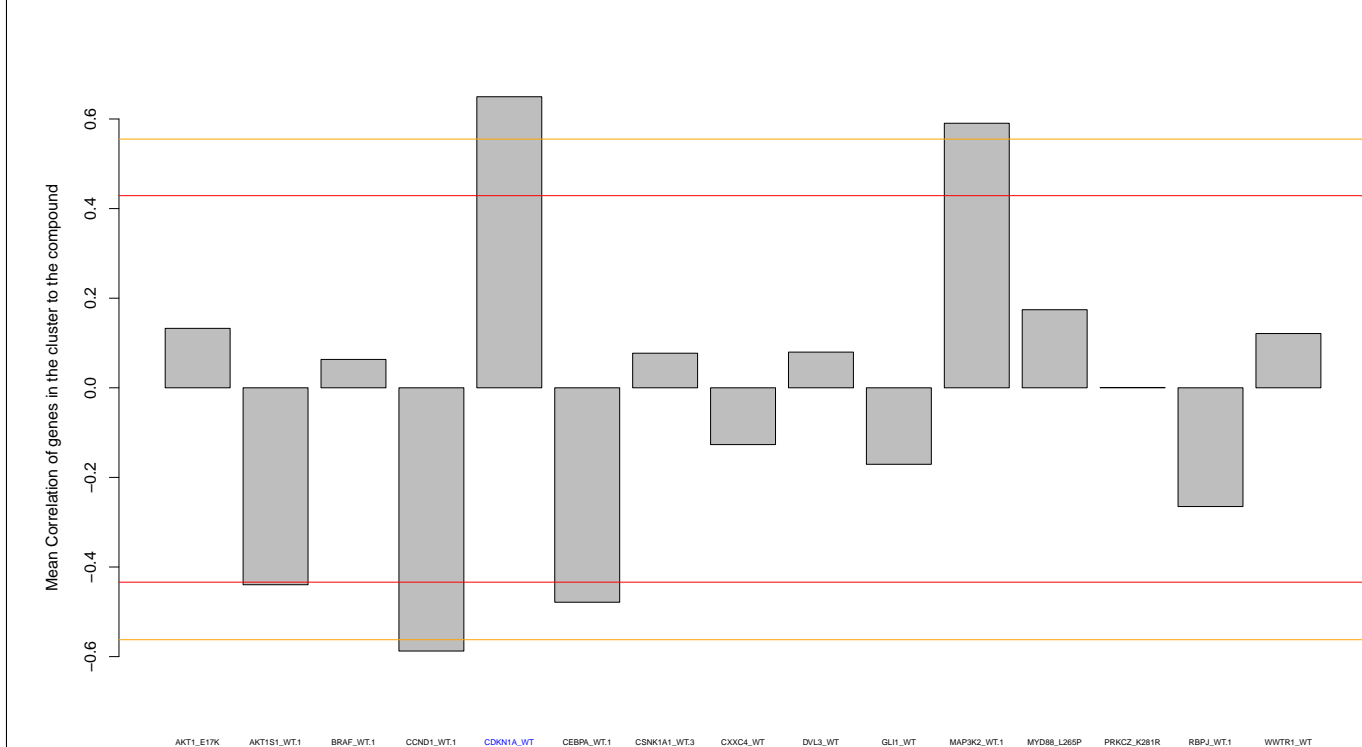
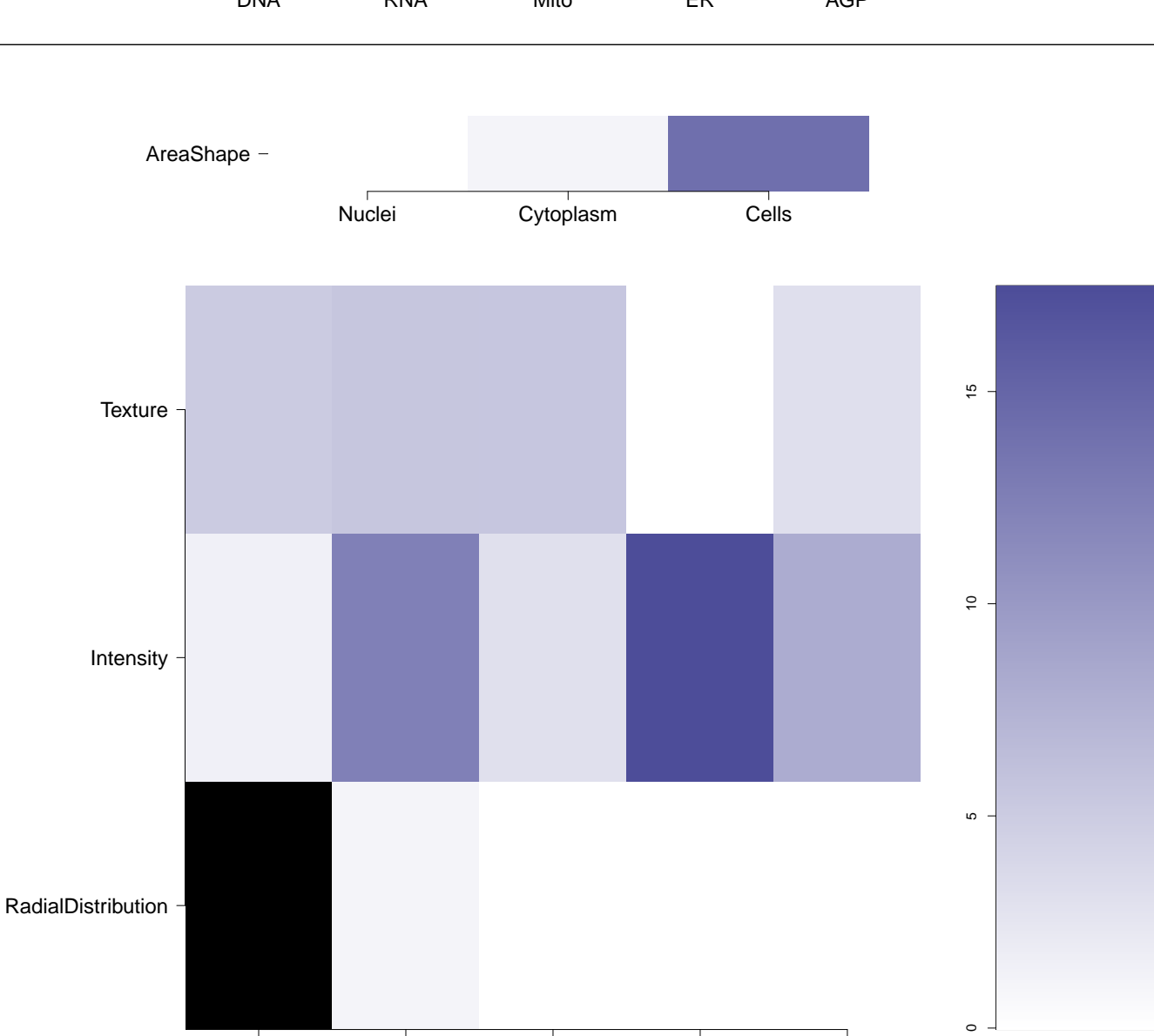
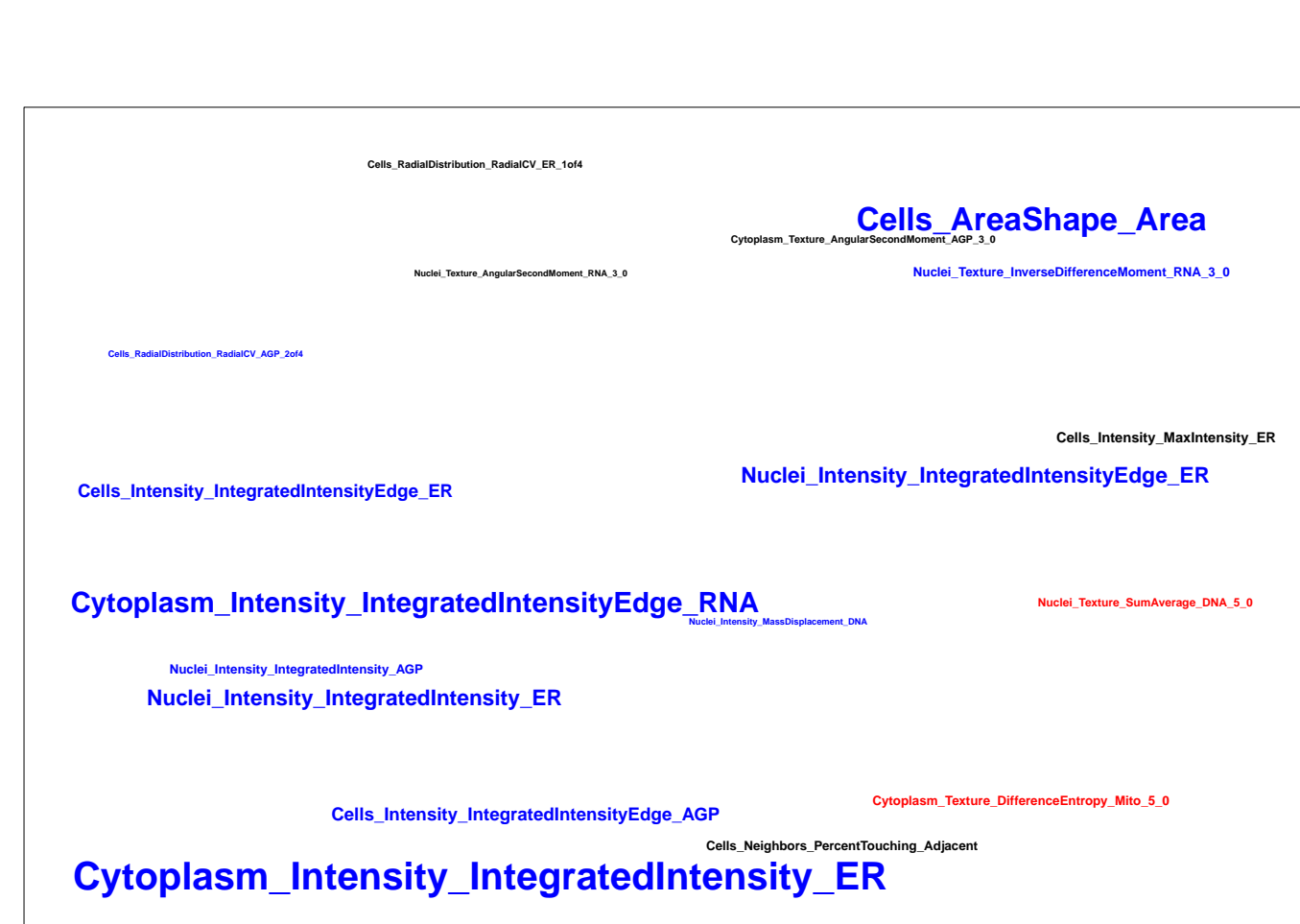
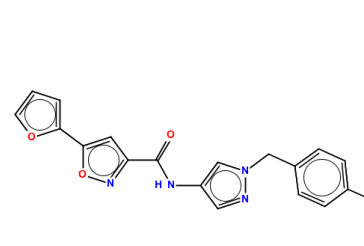
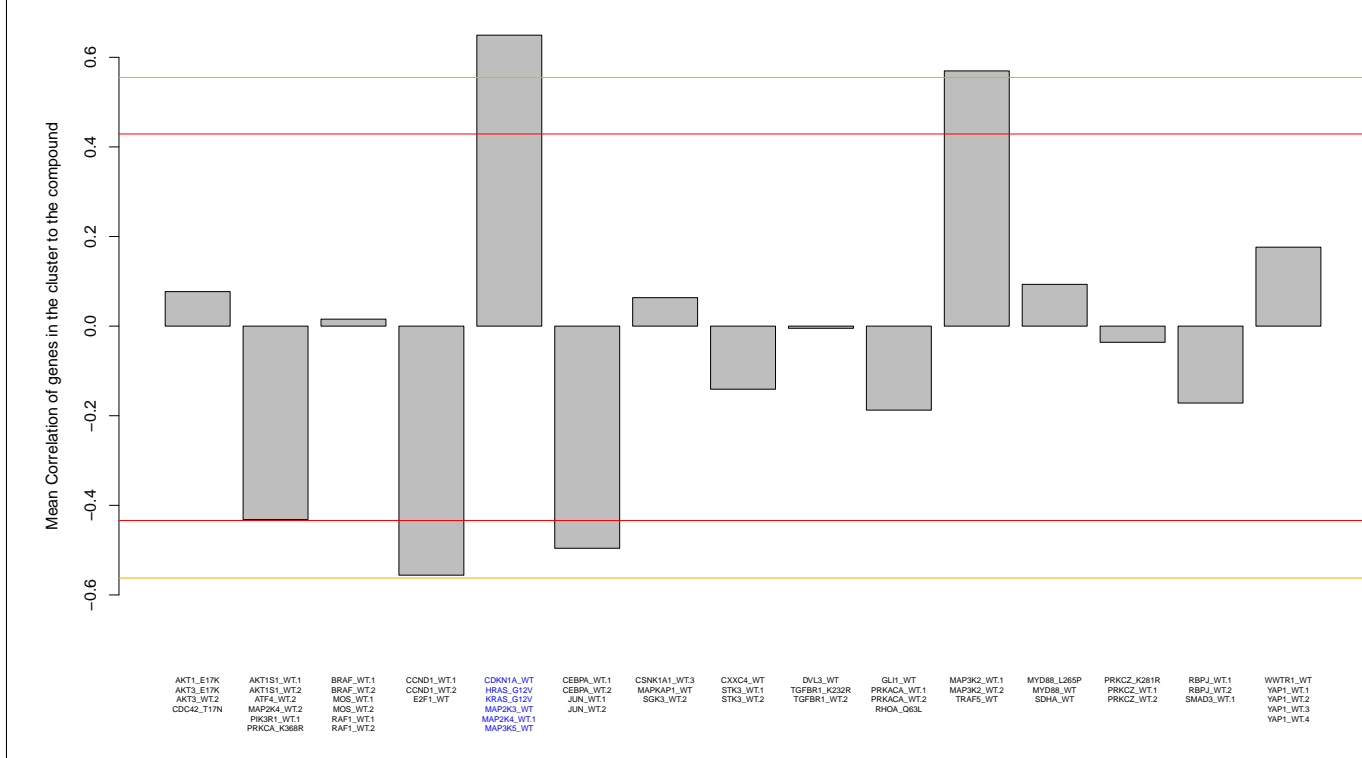
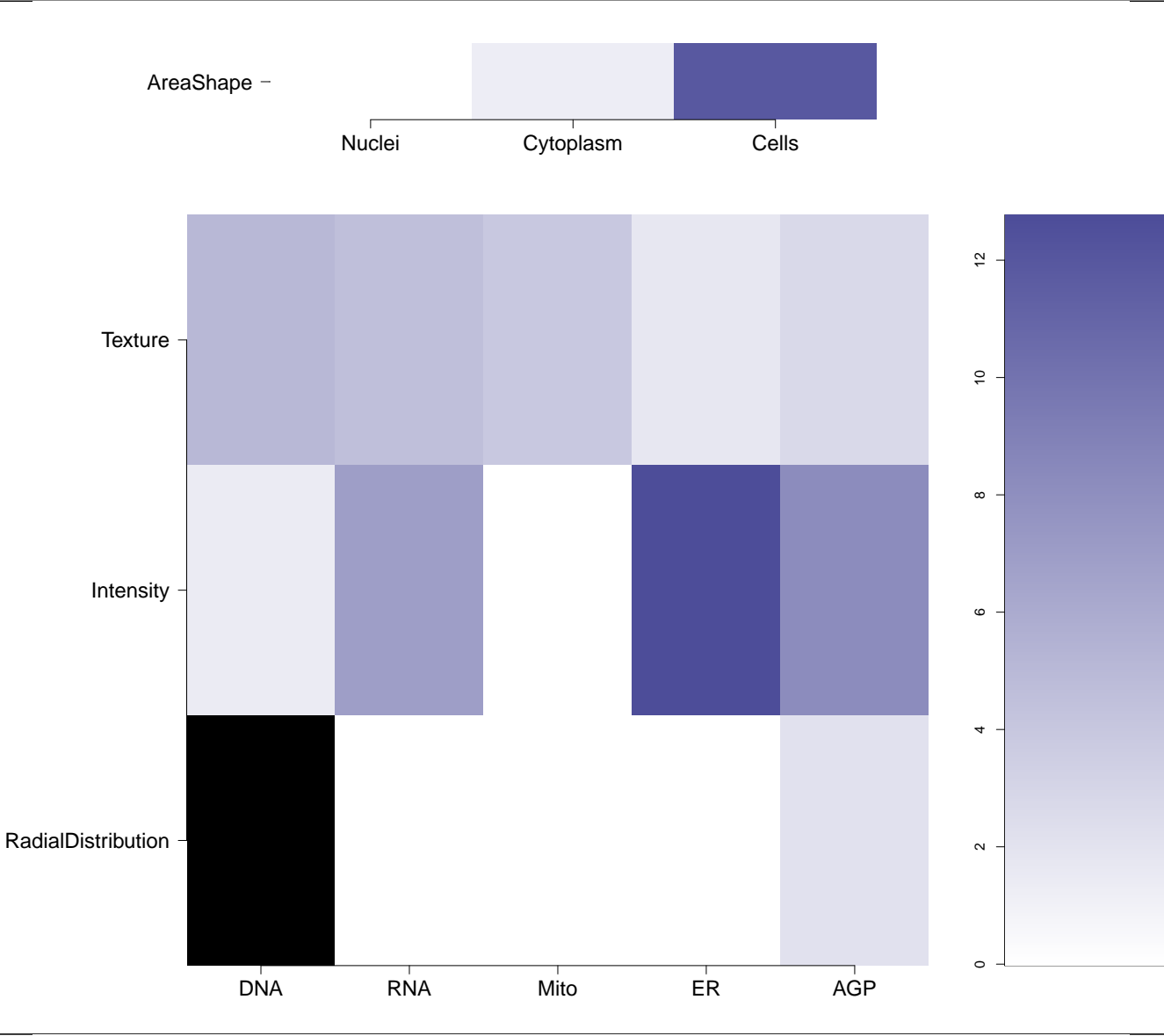
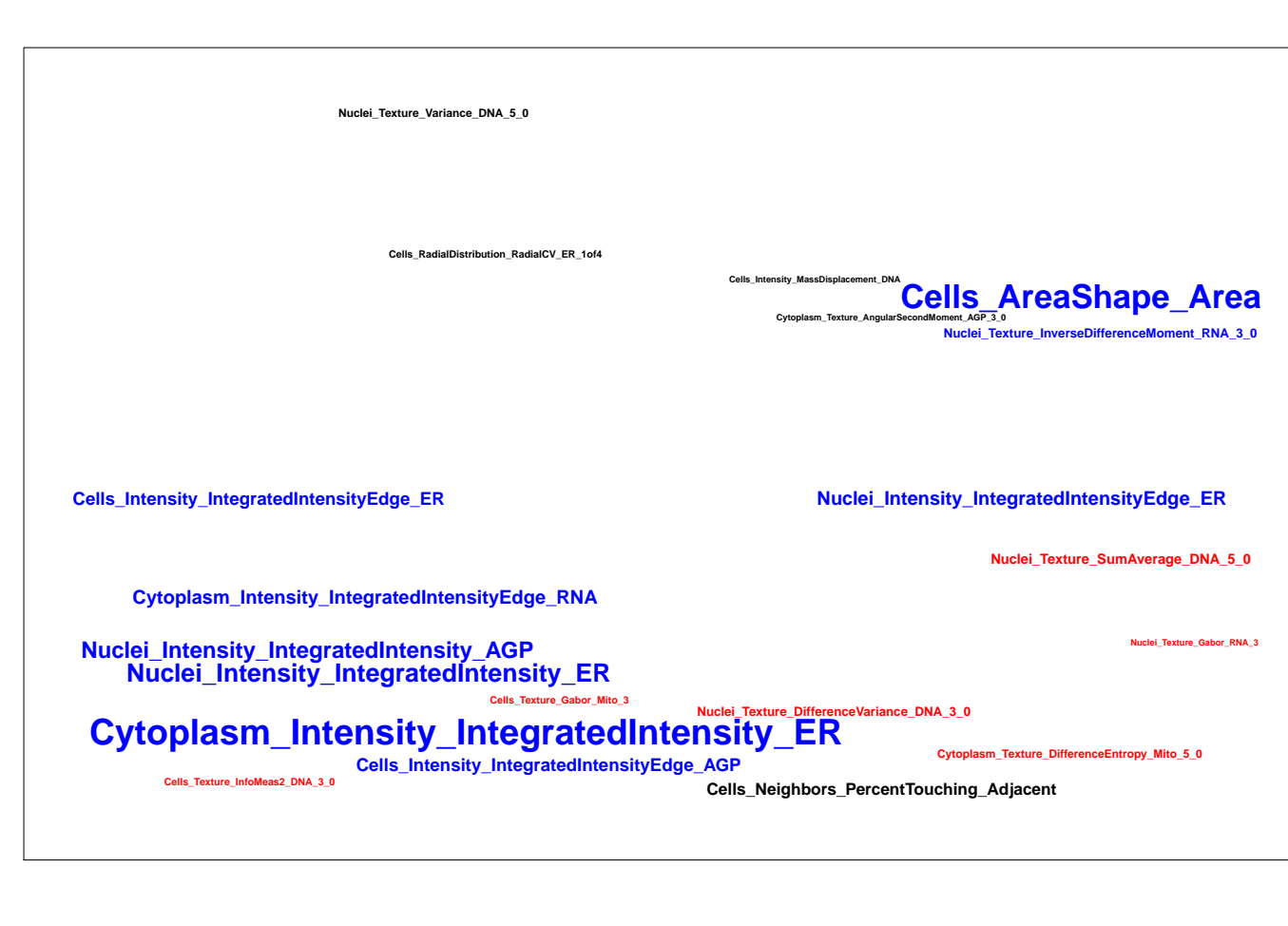
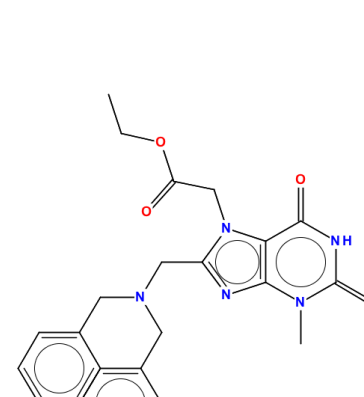
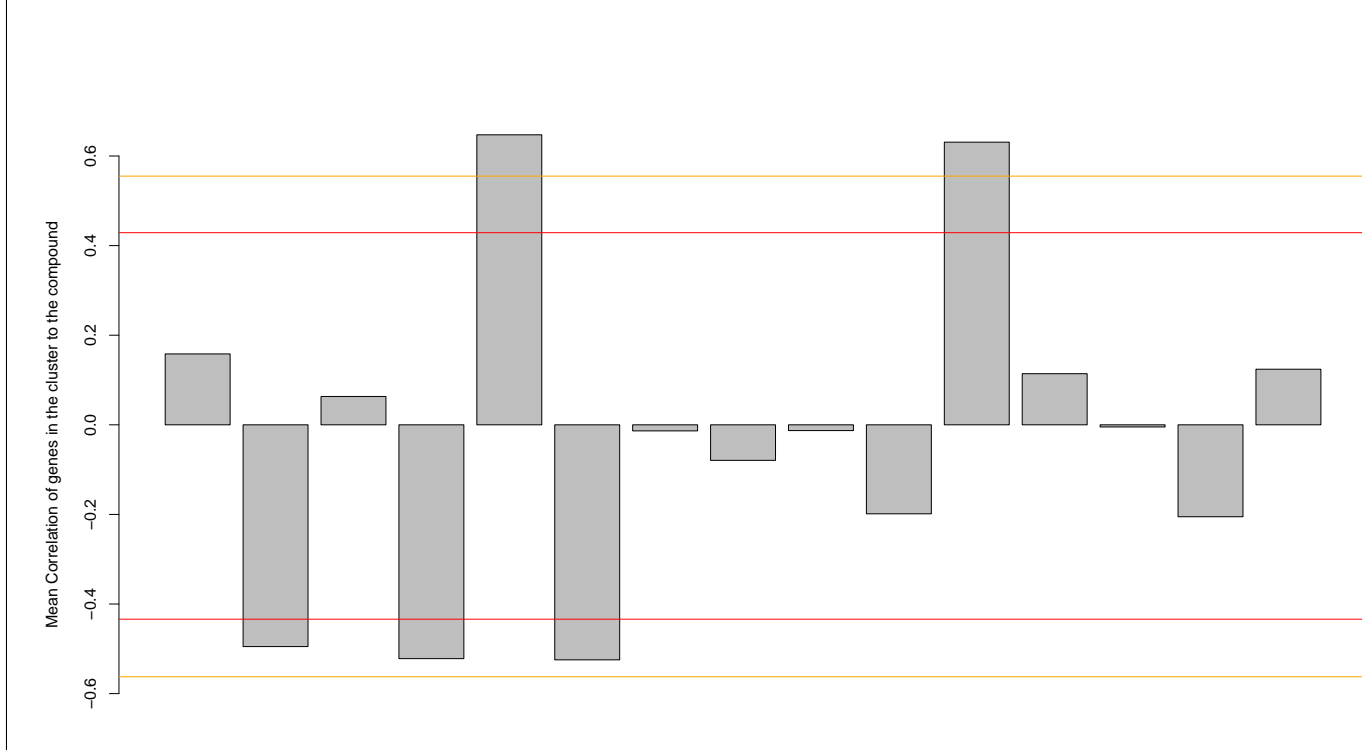
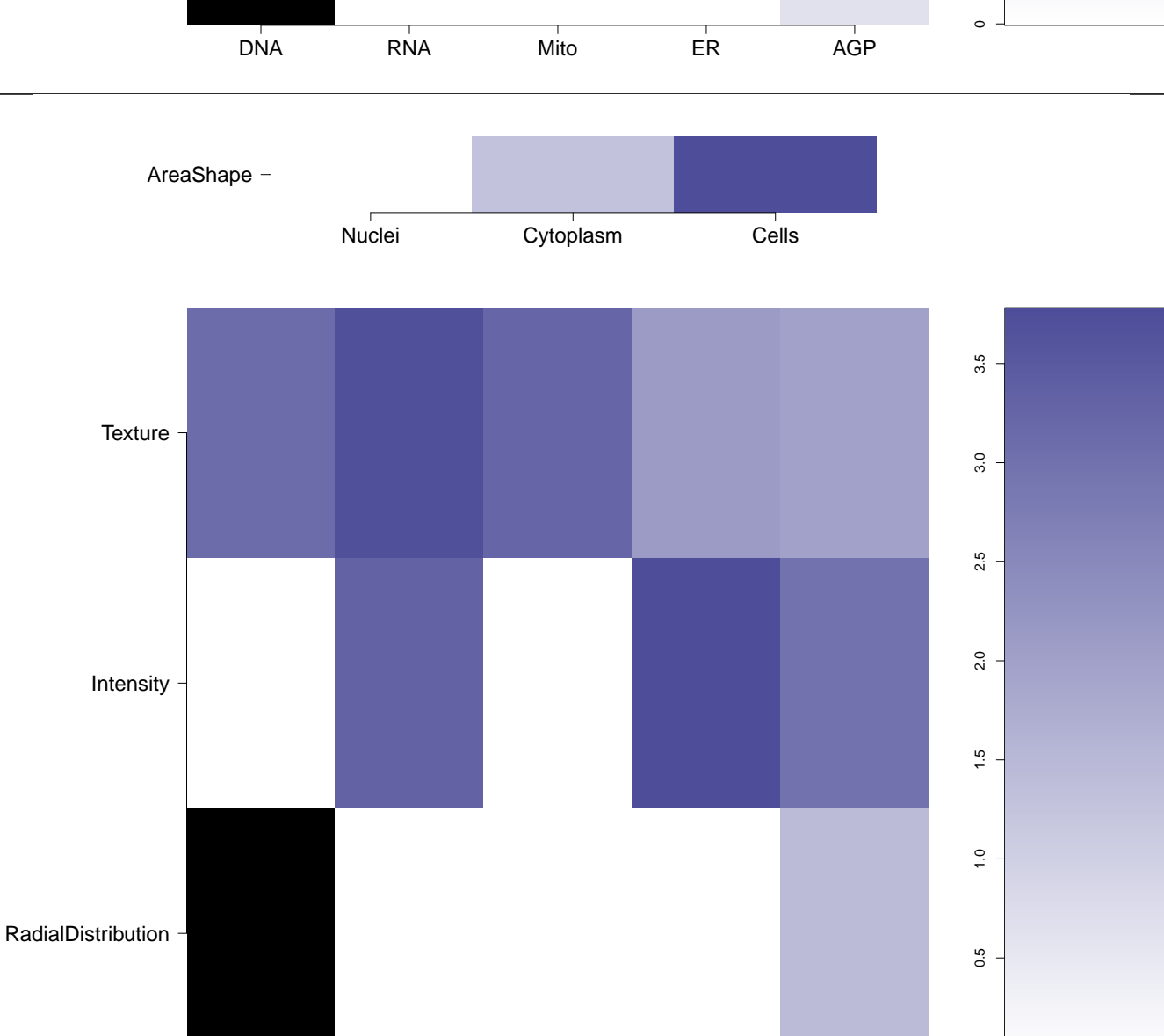

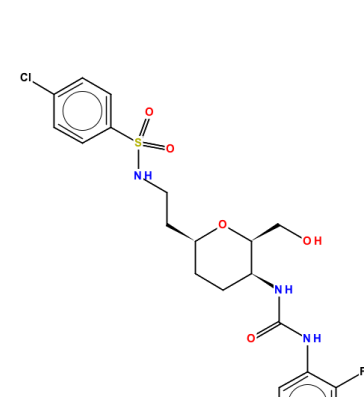
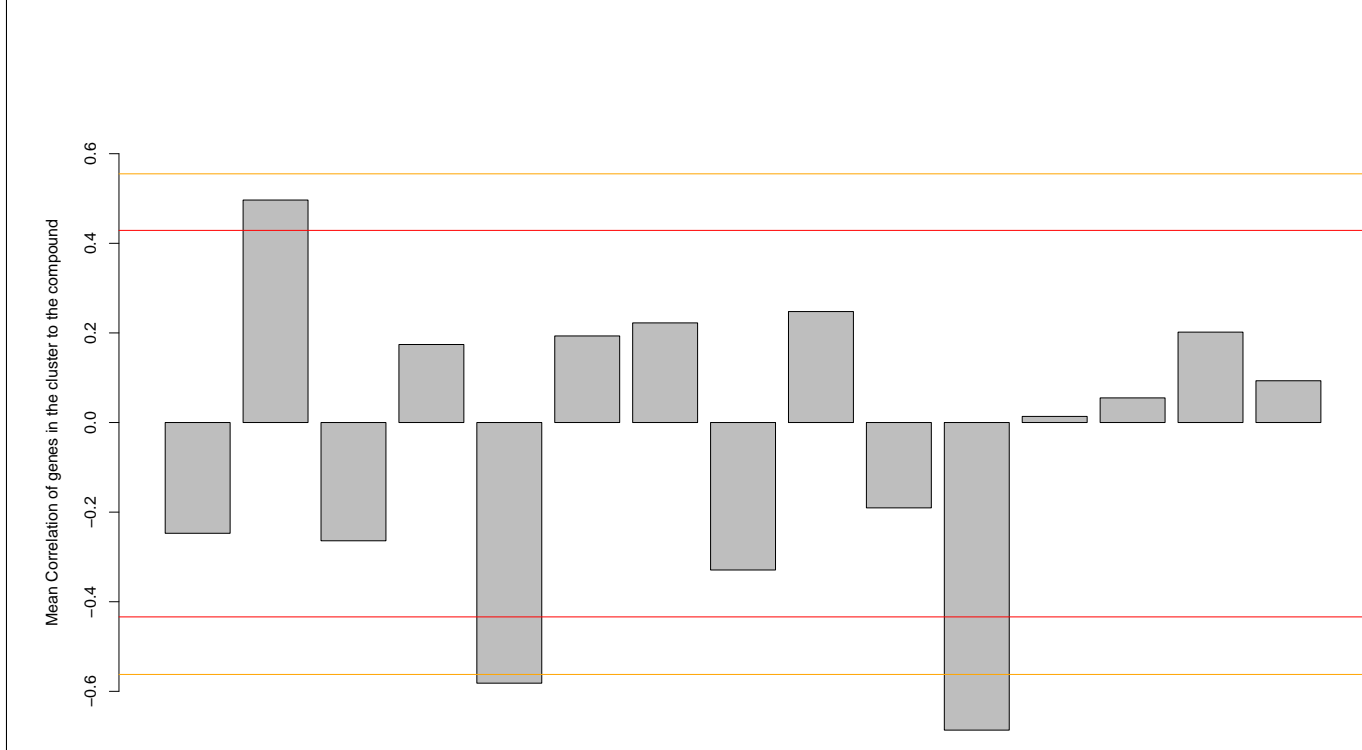
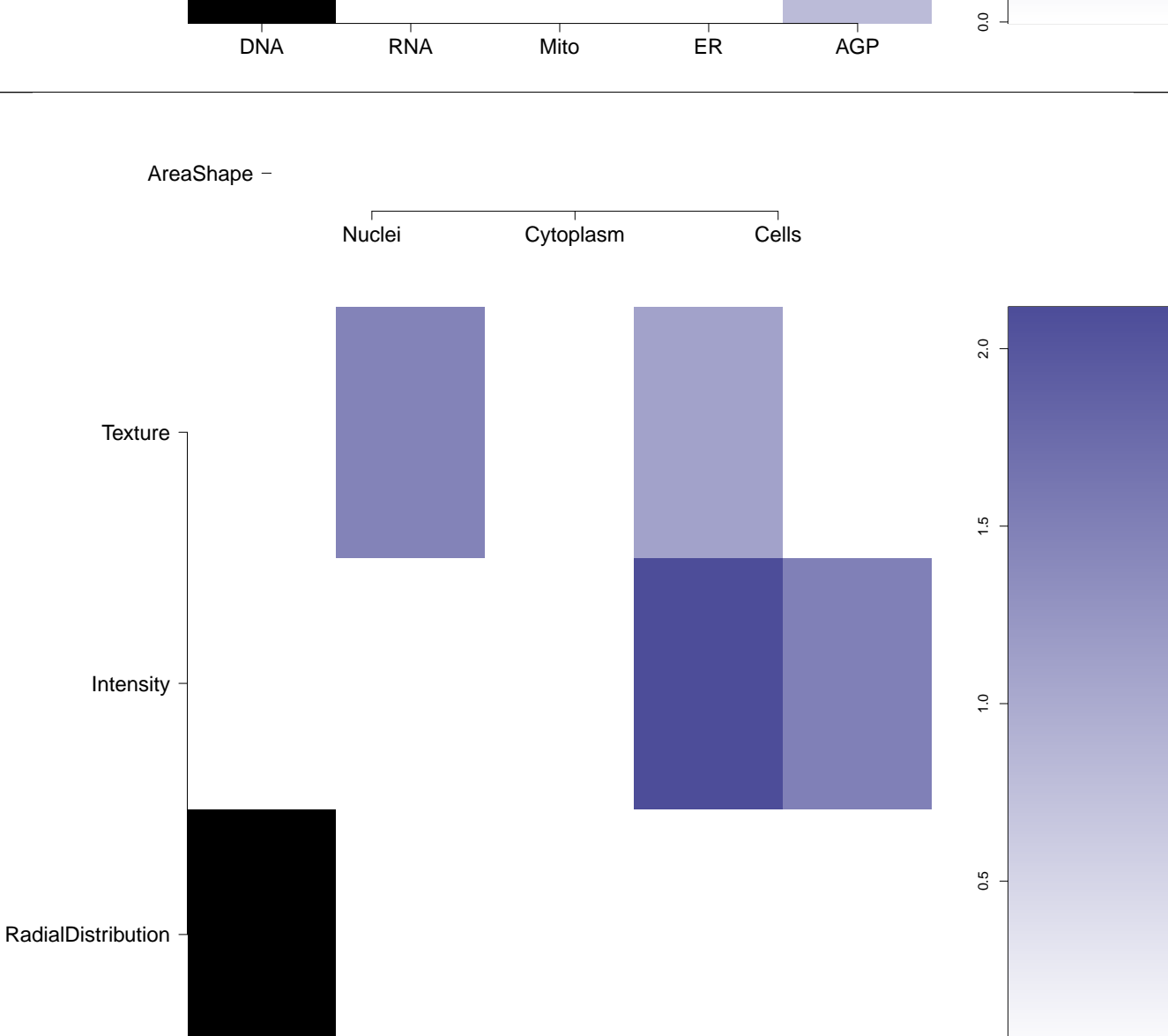
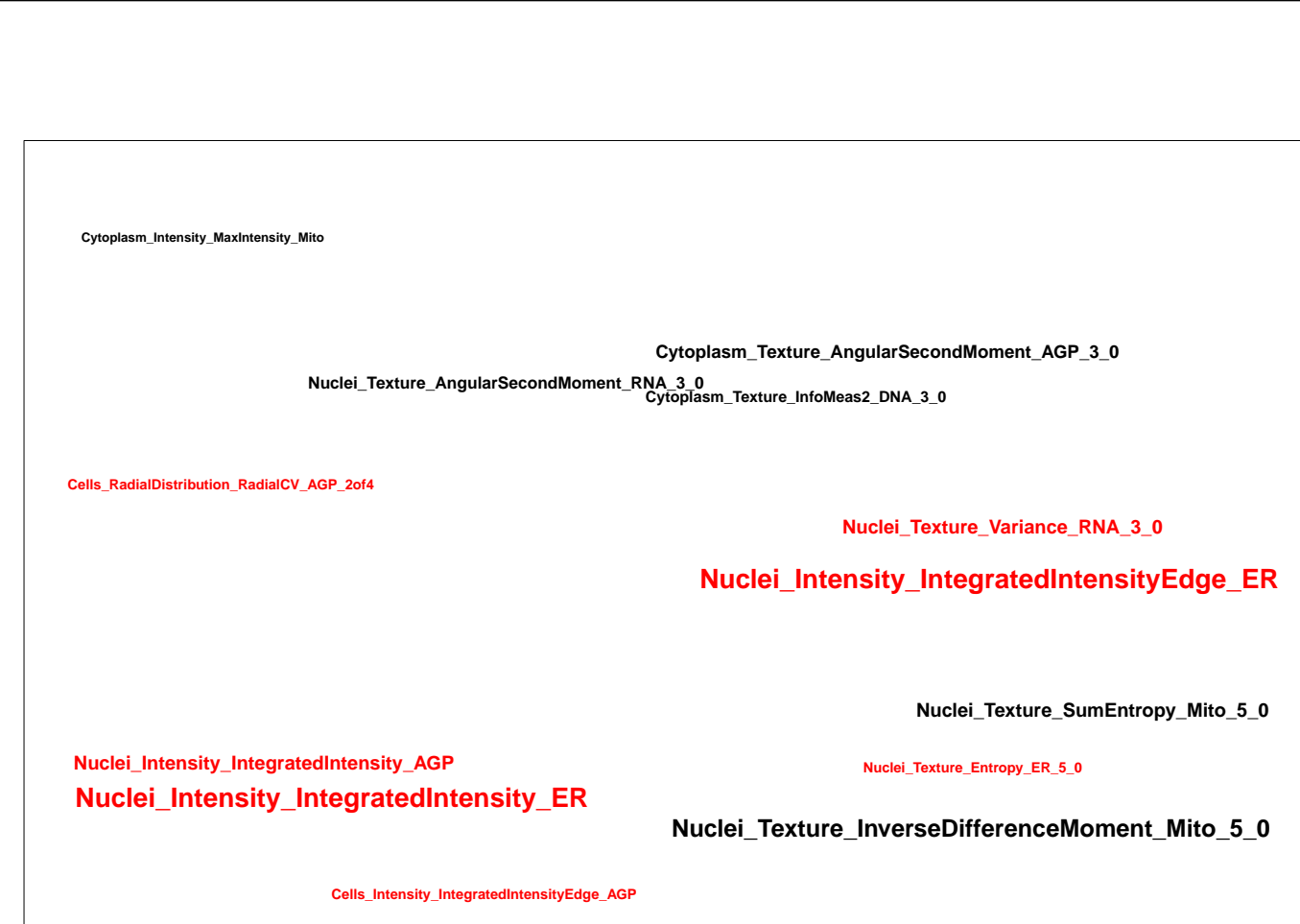
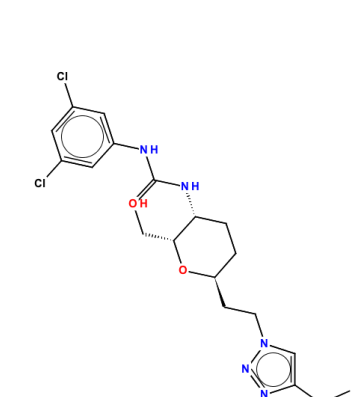
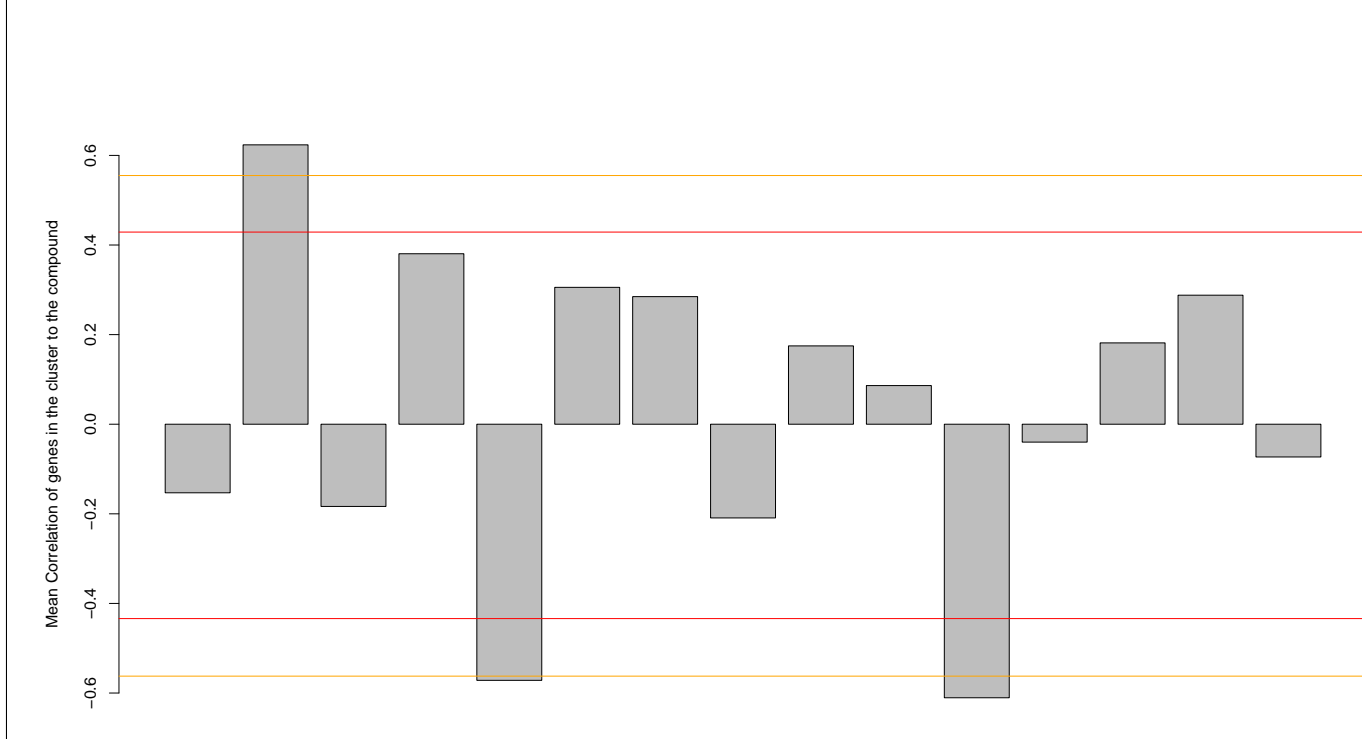
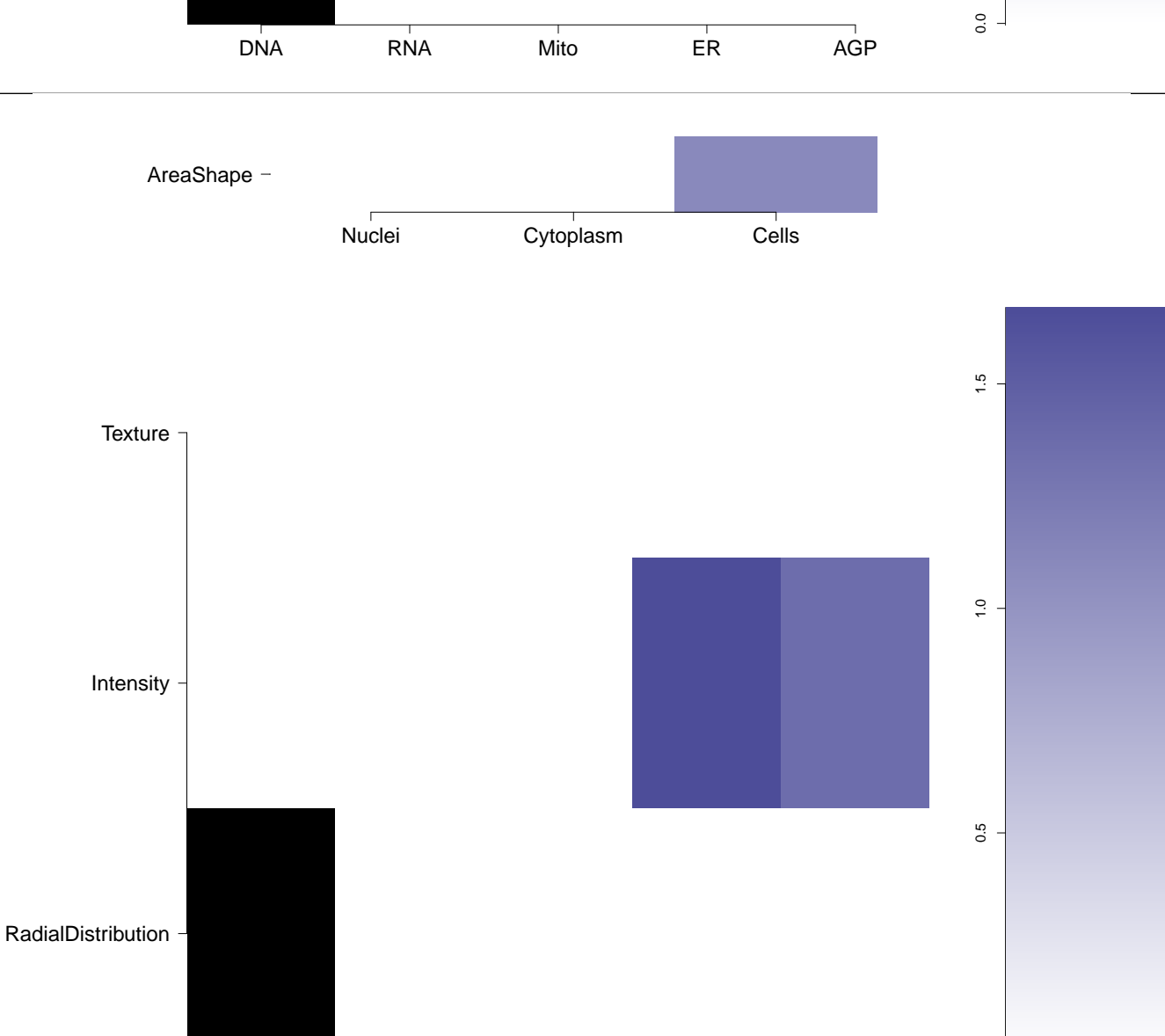
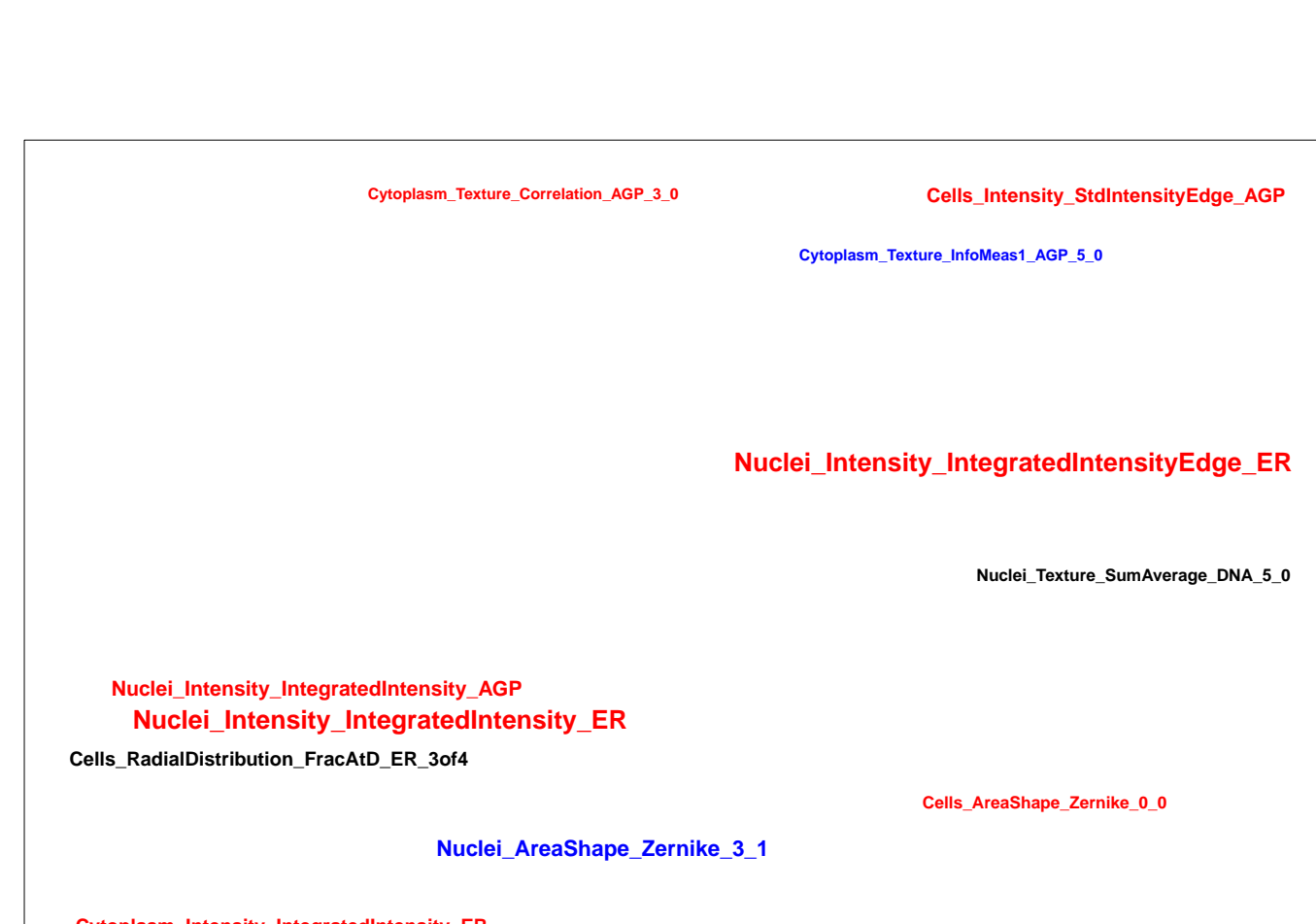
Treatment	Score
CHRNA.WT	0.80
HBAR.G1V	0.80
HBAR.G1V	0.80
MAPK1.WT	0.03
MAPK1.WT	0.09
MAPK1.WT	0.06

NA



- Total number of assays tested in: 769. Active in the following assays:
- CYP2C19 Assay (AID 778)
  - qHTS Assay for Inhibitors of HPGD (15-Hydroxyprostaglandin Dehydrogenase) (AID 804)
  - Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)
  - A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315)
  - qHTS Assay for Rab9 Promoter Activators (AID 485297)
  - qHTS Assay for NPC1 Promoter Activators: Initial hit validation from the primary screen (AID 493203)
  - qHTS screen for small molecules that induce genotoxicity in human embryonic kidney (HEK293T) cells expressing luciferase-tagged ELG1 (AID 504466)
  - HTS Assay for Compounds that Act as Agonists of the Vanilloid Receptor 1 (AID 540275)
  - qHTS Assay to Identify Small Molecule Activators of BRCA1 Expression (AID 624202)
  - qHTS Assay for Rab9 Promoter Activators: Hit Validation Using Firefly Luciferase Read-Out for NPC1 (AID 624493)
  - qHTS Assay for NPC1 Promoter Activators: Hit Validation Using Firefly Luciferase Read-Out for Rab9 (AID 720525)
  - qHTS Assay for NPC1 Promoter Activators: Hit Validation Using Firefly Luciferase Read-Out for NPC1 (AID 720527)



<div>BRD-A77566727-001-05-6</div> <div>SMR000048526</div> <div>AC1LDHDJ</div> <div>MLS000084442</div> <div>MLS002584781</div> <div>HMS2405B07</div> <div>STK788882</div> <div>ST50129984</div> <div>PubChem CID : 667105</div>	<div></div>	0.89 (in 4 replicates)	<div>0.66 ± 0.13</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CHRNA.WT</td><td>0.79</td></tr><tr><td>HRAS.G12V</td><td>0.78</td></tr><tr><td>HRAS.G12V</td><td>0.45</td></tr><tr><td>MAP3K1.WT</td><td>0.65</td></tr><tr><td>MAP3K1.WT</td><td>0.60</td></tr><tr><td>MAP3K1.WT</td><td>0.67</td></tr></table>	Treatment	Score	CHRNA.WT	0.79	HRAS.G12V	0.78	HRAS.G12V	0.45	MAP3K1.WT	0.65	MAP3K1.WT	0.60	MAP3K1.WT	0.67	NA	<div></div>	<div></div>	<div></div>	<div>Total number of assays tested in: 775. Active in the following assays:</div> <div><ul style="list-style-type: none"><li>• CYP2C9 Assay (AID 777)</li><li>• qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030)</li><li>• nHTS fluorescence polarization assay for the identification of translation initiation inhibitors (eIF4H) (AID 2012)</li><li>• nHTS fluorescence polarization assay for the identification of translation initiation inhibitors (PABP) (AID 2014)</li><li>• Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of myeloid cell leukemia sequence 1 (MCL1) interactions with BIM-BH3 peptide. (AID 2057)</li><li>• Primary biochemical high throughput screening assay to identify inhibitors of BCL2-related protein, long isoform (BCLXL). (AID 2129)</li><li>• Primary qHTS for delayed death inhibitors of the malarial parasite plasid, 96 hour incubation (AID 504834)</li><li>• Full deck counterscreen for antagonists of the human M1 muscarinic receptor (CHRM1): Fluorescence-based cell-based high throughput screening assay to identify nonselective inhibitors and assay artifacts using the parental CHO-K1 cell line (AID 602250)</li><li>• Luminescence-based biochemical primary high throughput screening assay to identify inhibitors of the interaction of the lipase co-activator protein, abhydrolase domain containing 5 (ABHD5) with perilipin-5 (MLDP; PLIN5) (AID 602281)</li><li>• Fluorescence-based cell-based primary high throughput screening assay to identify positive allosteric modulators (PAMs) of the human cholinergic receptor, muscarinic 4 (CHRM4) (AID 624126)</li><li>• Counterscreen for inhibitors of the interaction of the lipase co-activator protein, abhydrolase domain containing 5 (ABHD5) with perilipin-5 (MLDP; PLIN5): Luminescence-based biochemical high throughput assay to identify inhibitors of Hepatocyte nuclear factor 4 (HNF4) dimerization (AID 651674)</li></ul></div>		
Treatment	Score																							
CHRNA.WT	0.79																							
HRAS.G12V	0.78																							
HRAS.G12V	0.45																							
MAP3K1.WT	0.65																							
MAP3K1.WT	0.60																							
MAP3K1.WT	0.67																							
<div>BRD-K41273072-001-05-1</div> <div>ST50852444</div> <div>ZINC02857936</div> <div>MLS001124013</div> <div>AC1M3E68</div> <div>HMS2080L06</div> <div>ZINC2857936</div> <div>STK455432</div> <div>SMR000666470</div> <div>PubChem CID : 2211231</div>	<div></div>	NA (in 1 replicates)	<div>0.65 ± 0.12</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CHRNA.WT</td><td>0.78</td></tr><tr><td>HRAS.G12V</td><td>0.75</td></tr><tr><td>HRAS.G12V</td><td>0.45</td></tr><tr><td>MAP3K1.WT</td><td>0.61</td></tr><tr><td>MAP3K1.WT</td><td>0.60</td></tr><tr><td>MAP3K1.WT</td><td>0.68</td></tr></table>	Treatment	Score	CHRNA.WT	0.78	HRAS.G12V	0.75	HRAS.G12V	0.45	MAP3K1.WT	0.61	MAP3K1.WT	0.60	MAP3K1.WT	0.68	NA	<div></div>	<div></div>	<div></div>	<div>Total number of assays tested in: 492. Active in the following assays:</div> <div><ul style="list-style-type: none"><li>• nHTS Luminescent assay for identification of activators of human intestinal alkaline phosphatase (AID 2524)</li><li>• Primary cell-based high-throughput screening assay for identification of compounds that inhibit KCNQ1 potassium channels (AID 2642)</li></ul></div>		
Treatment	Score																							
CHRNA.WT	0.78																							
HRAS.G12V	0.75																							
HRAS.G12V	0.45																							
MAP3K1.WT	0.61																							
MAP3K1.WT	0.60																							
MAP3K1.WT	0.68																							
<div>BRD-K41696776-001-04-5</div> <div>MLS000529852</div> <div>SMR000126895</div> <div>F0614-0001</div> <div>AC1NFD4E</div> <div>BDBM42998</div> <div>HMS2255D24</div> <div>EU-0092111</div> <div>PubChem CID : 4656755</div>	<div></div>	NA (in 1 replicates)	<div>0.65 ± 0.12</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CHRNA.WT</td><td>0.79</td></tr><tr><td>HRAS.G12V</td><td>0.78</td></tr><tr><td>HRAS.G12V</td><td>0.47</td></tr><tr><td>MAP3K1.WT</td><td>0.63</td></tr><tr><td>MAP3K1.WT</td><td>0.58</td></tr><tr><td>MAP3K1.WT</td><td>0.65</td></tr></table>	Treatment	Score	CHRNA.WT	0.79	HRAS.G12V	0.78	HRAS.G12V	0.47	MAP3K1.WT	0.63	MAP3K1.WT	0.58	MAP3K1.WT	0.65	NA	<div></div>	<div></div>	<div></div>	<div>Total number of assays tested in: 691. Active in the following assays:</div> <div><ul style="list-style-type: none"><li>• Human H60AR Lung Tumor Cell Growth Inhibition Assay - 80K Screen (AID 598)</li><li>• HTS of Estrogen Receptor- alpha Coactivator Binding inhibitors (AID 629)</li><li>• Primary biochemical High Throughput Screening assay for agonists of the steroid receptor coactivator 1 (SRC-1) recruitment by the peroxisome proliferator-activated receptor gamma (PPARgamma) (AID 631)</li><li>• HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732)</li><li>• qHTS Inhibitors of AmpC Beta-Lactamase (assay without detergent) (AID 485341)</li><li>• nHTS for identification of Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 485346)</li><li>• HTS to Find Inhibitors of Pathogenic Pemphigus Antibodies (AID 588358)</li></ul></div>		
Treatment	Score																							
CHRNA.WT	0.79																							
HRAS.G12V	0.78																							
HRAS.G12V	0.47																							
MAP3K1.WT	0.63																							
MAP3K1.WT	0.58																							
MAP3K1.WT	0.65																							
<div>BRD-K69494685-001-06-7</div> <div>MLS000730236</div> <div>SMR000308512</div> <div>ST50674482</div> <div>AC1N046C</div> <div>BDBM63417</div> <div>HMS2761F03</div> <div>ZINC2465637</div> <div>ZINC02465637</div> <div>PubChem CID : 5082003</div>	<div></div>	0.93 (in 4 replicates)	<div>0.65 ± 0.13</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CHRNA.WT</td><td>0.61</td></tr><tr><td>HRAS.G12V</td><td>0.77</td></tr><tr><td>HRAS.G12V</td><td>0.46</td></tr><tr><td>MAP3K1.WT</td><td>0.61</td></tr><tr><td>MAP3K1.WT</td><td>0.59</td></tr><tr><td>MAP3K1.WT</td><td>0.65</td></tr></table>	Treatment	Score	CHRNA.WT	0.61	HRAS.G12V	0.77	HRAS.G12V	0.46	MAP3K1.WT	0.61	MAP3K1.WT	0.59	MAP3K1.WT	0.65	NA	<div></div>	<div></div>	<div></div>	<div>Total number of assays tested in: 636. Active in the following assays:</div> <div><ul style="list-style-type: none"><li>• Leishmania major promastigote HTS (AID 1063)</li><li>• Luminescence Cell-Based Primary HTS to Identify Inhibitors of Heat Shock Factor 1 (HSF1). (AID 2098)</li><li>• Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)</li><li>• nHTS luminescence assay for the identification of chemical inhibitors of B-cell specific antigen receptor-induced NF-κB activation (AID 435022)</li></ul></div>		
Treatment	Score																							
CHRNA.WT	0.61																							
HRAS.G12V	0.77																							
HRAS.G12V	0.46																							
MAP3K1.WT	0.61																							
MAP3K1.WT	0.59																							
MAP3K1.WT	0.65																							
<div>BRD-K99043334-001-05-3</div> <div>T5820256</div> <div>SMR000028676</div> <div>MLS000093046</div> <div>AC1MMDH8</div> <div>MLS000863462</div> <div>HMS2432G12</div> <div>ZINC57388152</div> <div>ST51073581</div> <div>PubChem CID : 3237033</div>	<div></div>	0.87 (in 3 replicates)	<div>0.65 ± 0.12</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CHRNA.WT</td><td>0.78</td></tr><tr><td>HRAS.G12V</td><td>-0.35</td></tr><tr><td>HRAS.G12V</td><td>0.72</td></tr><tr><td>HRAS.G12V</td><td>0.41</td></tr><tr><td>MAP3K1.WT</td><td>0.64</td></tr><tr><td>MAP3K1.WT</td><td>0.60</td></tr><tr><td>MAP3K1.WT</td><td>0.70</td></tr></table>	Treatment	Score	CHRNA.WT	0.78	HRAS.G12V	-0.35	HRAS.G12V	0.72	HRAS.G12V	0.41	MAP3K1.WT	0.64	MAP3K1.WT	0.60	MAP3K1.WT	0.70	NA	<div></div>	<div></div>	<div></div>	<div>Total number of assays tested in: 773. Active in the following assays:</div> <div><ul style="list-style-type: none"><li>• Cytochrome panel assay with activity outcomes (AID 1851)</li><li>• Primary qHTS for delayed death inhibitors of the malarial parasite plasid, 96 hour incubation (AID 504834)</li></ul></div>
Treatment	Score																							
CHRNA.WT	0.78																							
HRAS.G12V	-0.35																							
HRAS.G12V	0.72																							
HRAS.G12V	0.41																							
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MAP3K1.WT	0.60																							
MAP3K1.WT	0.70																							
<div>BRD-K90201499-001-01-6</div> <div>PubChem CID : 54641127</div>	<div></div>	NA (in 1 replicates)	<div>-0.58 ± 0.07</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CHRNA.WT</td><td>-0.58</td></tr><tr><td>HRAS.G12V</td><td>-0.35</td></tr><tr><td>HRAS.G12V</td><td>-0.32</td></tr><tr><td>MAP3K1.WT</td><td>-0.60</td></tr><tr><td>MAP3K1.WT</td><td>-0.67</td></tr><tr><td>MAP3K1.WT</td><td>-0.70</td></tr></table>	Treatment	Score	CHRNA.WT	-0.58	HRAS.G12V	-0.35	HRAS.G12V	-0.32	MAP3K1.WT	-0.60	MAP3K1.WT	-0.67	MAP3K1.WT	-0.70	NA	<div></div>	<div></div>	<div></div>	<div>Total number of assays tested in: 37.</div>		
Treatment	Score																							
CHRNA.WT	-0.58																							
HRAS.G12V	-0.35																							
HRAS.G12V	-0.32																							
MAP3K1.WT	-0.60																							
MAP3K1.WT	-0.67																							
MAP3K1.WT	-0.70																							
<div>BRD-K90178727-001-01-0</div> <div>PubChem CID : 54641202</div>	<div></div>	NA (in 1 replicates)	<div>-0.57 ± 0.06</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CHRNA.WT</td><td>-0.68</td></tr><tr><td>HRAS.G12V</td><td>-0.36</td></tr><tr><td>HRAS.G12V</td><td>-0.49</td></tr><tr><td>MAP3K1.WT</td><td>-0.64</td></tr><tr><td>MAP3K1.WT</td><td>-0.52</td></tr><tr><td>MAP3K1.WT</td><td>-0.69</td></tr></table>	Treatment	Score	CHRNA.WT	-0.68	HRAS.G12V	-0.36	HRAS.G12V	-0.49	MAP3K1.WT	-0.64	MAP3K1.WT	-0.52	MAP3K1.WT	-0.69	NA	<div></div>	<div></div>	<div></div>	<div>Total number of assays tested in: 37.</div>		
Treatment	Score																							
CHRNA.WT	-0.68																							
HRAS.G12V	-0.36																							
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MAP3K1.WT	-0.69																							







