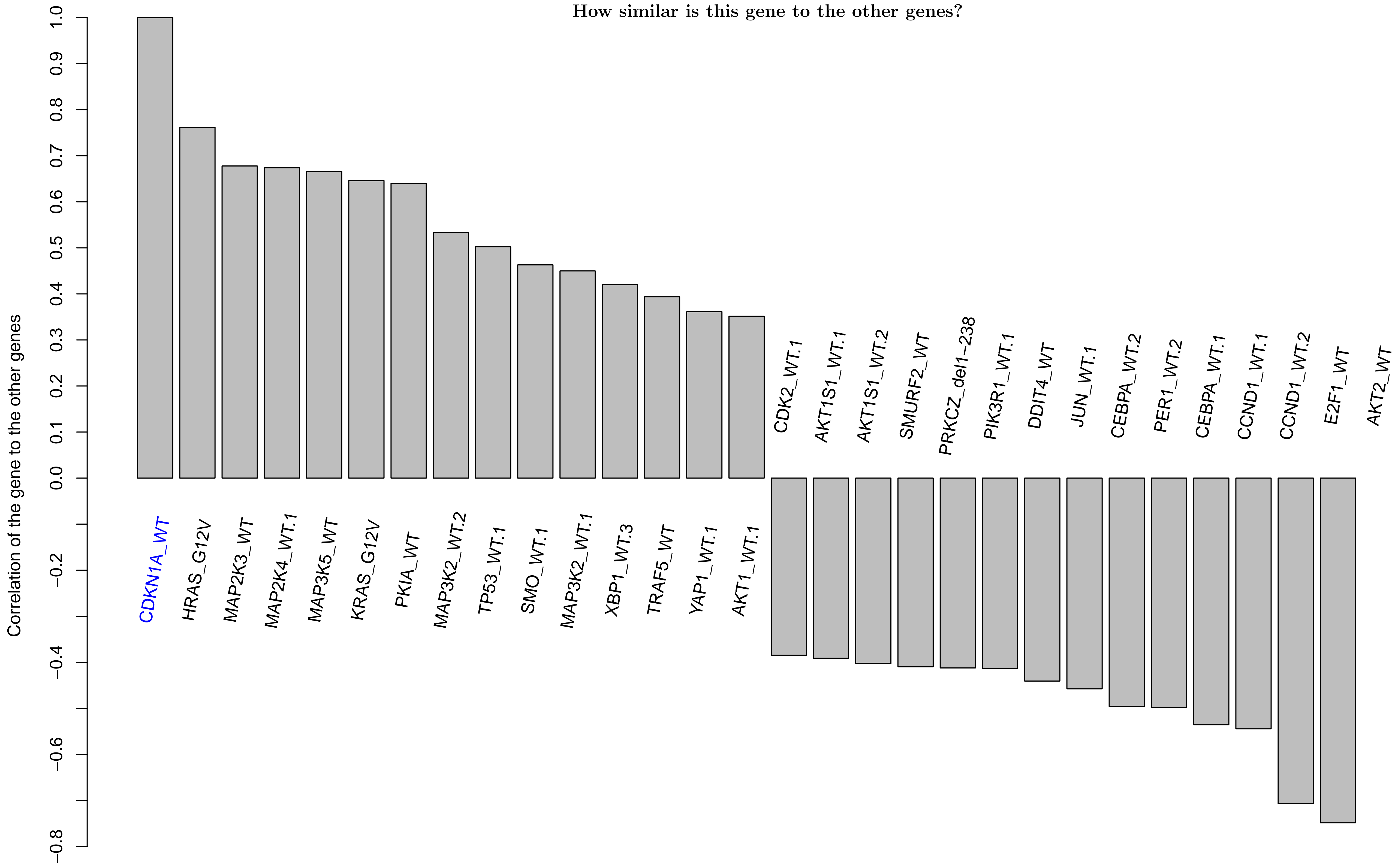
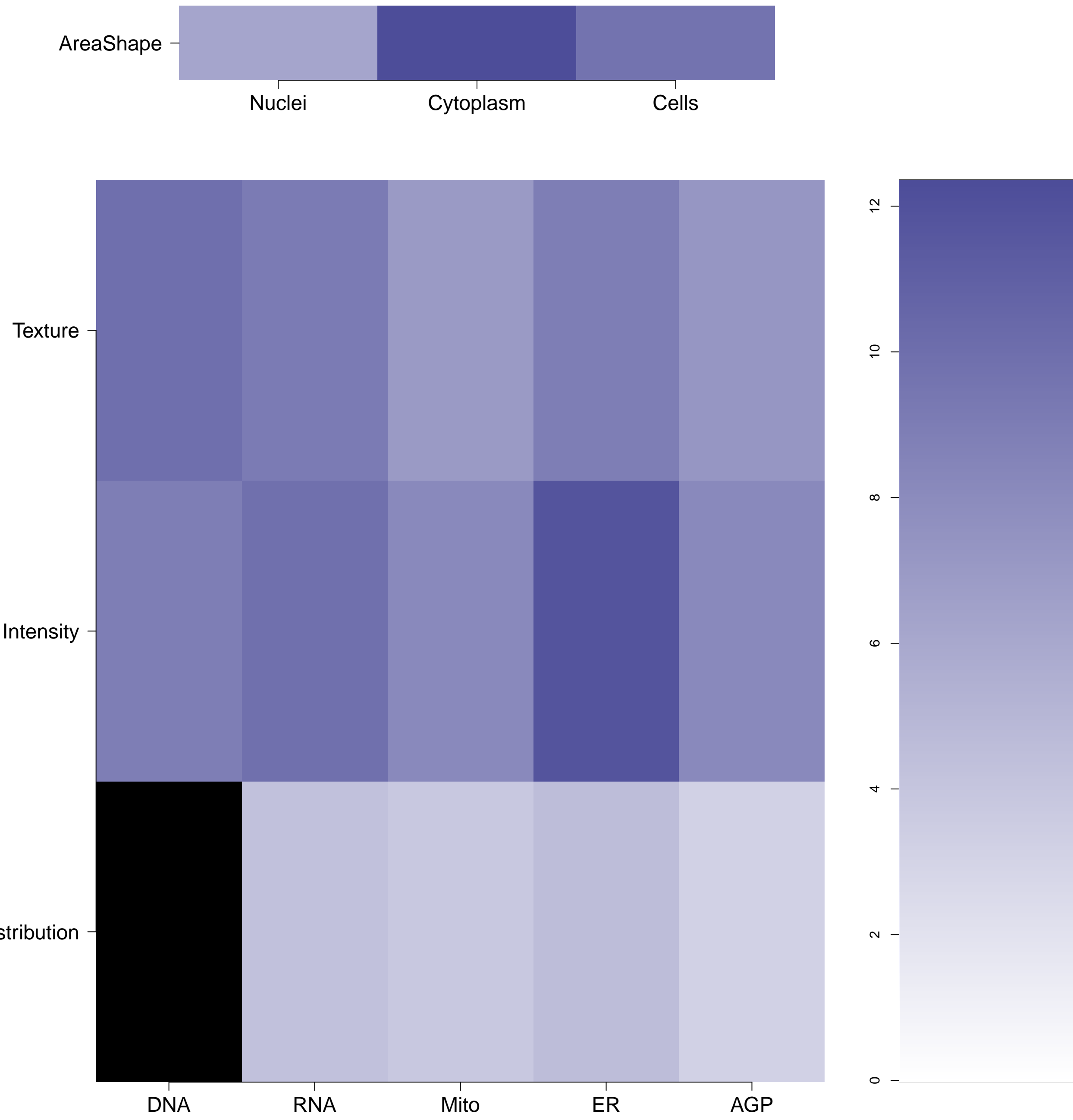


CDKN1A.WT - in Canonical Cell Cycle

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

CDKN1A.WT (41744)

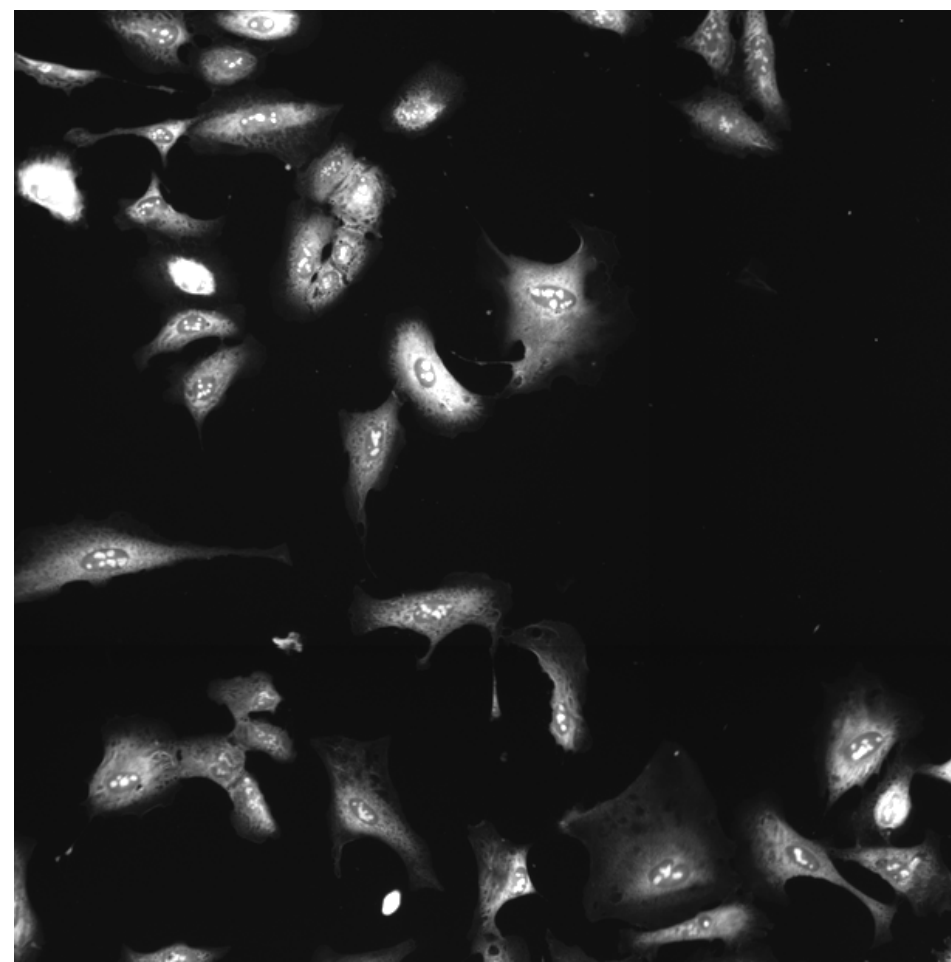
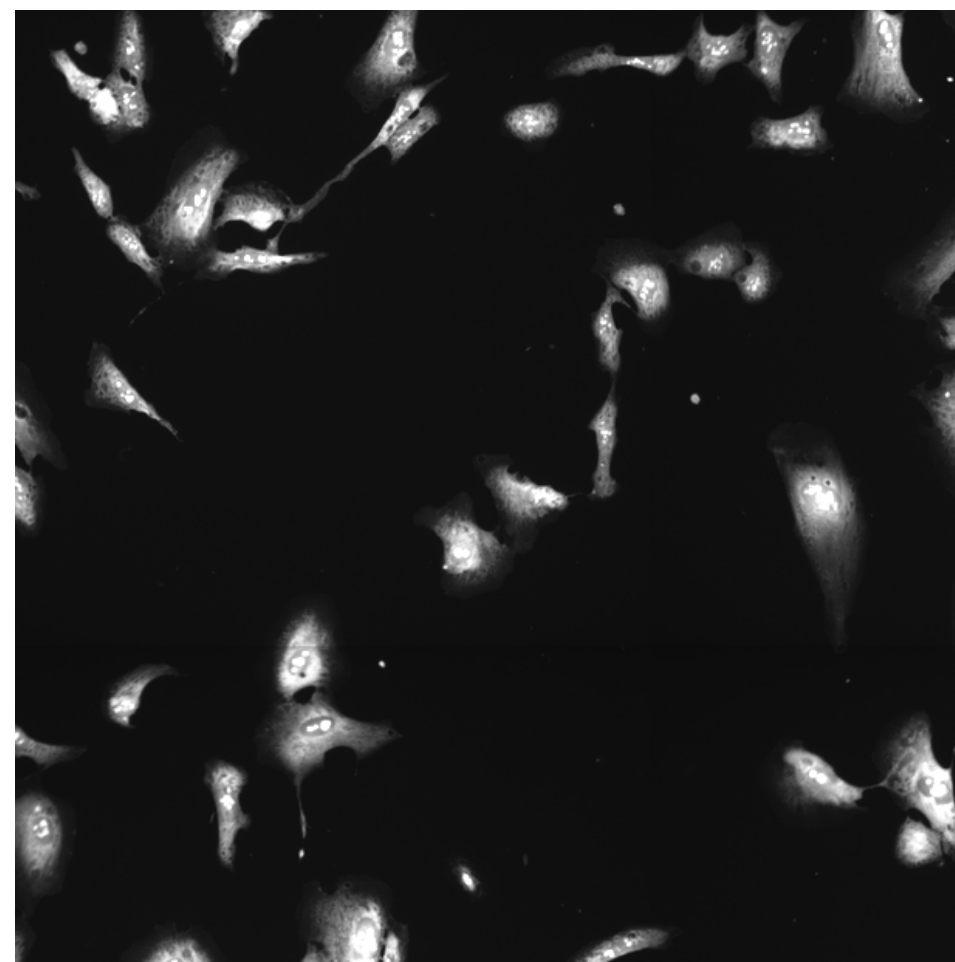
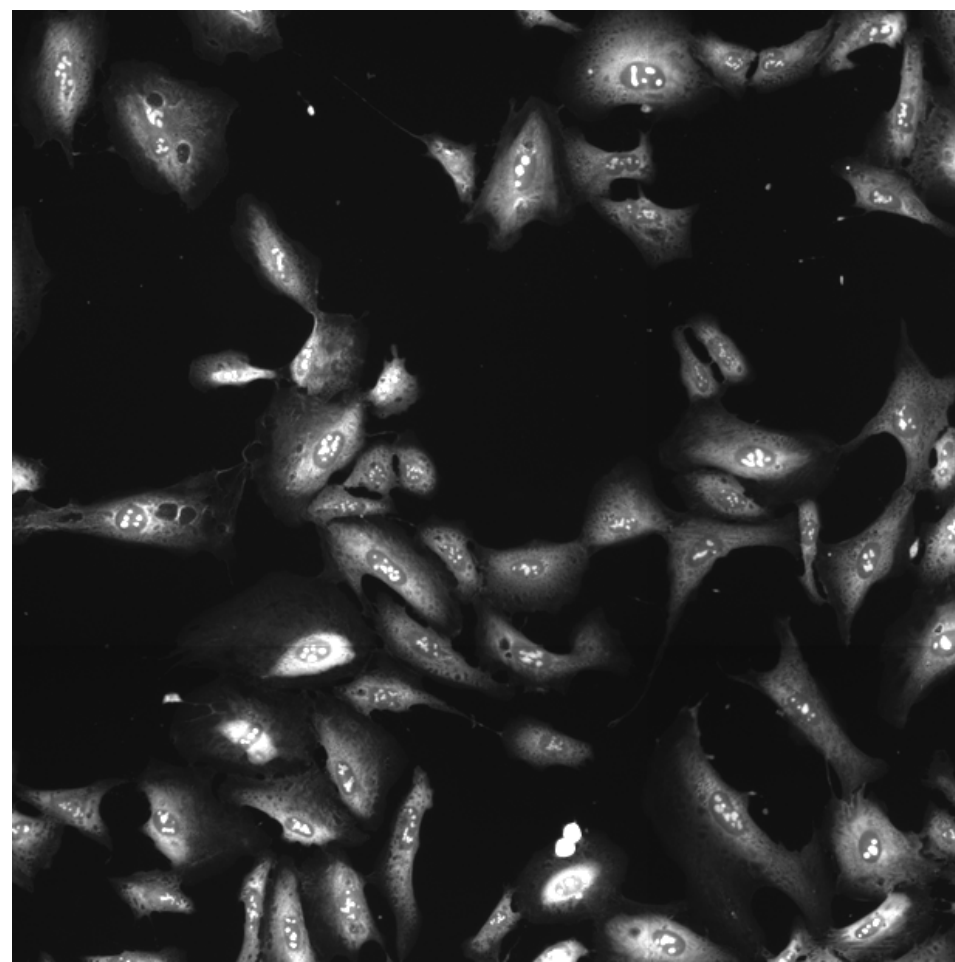
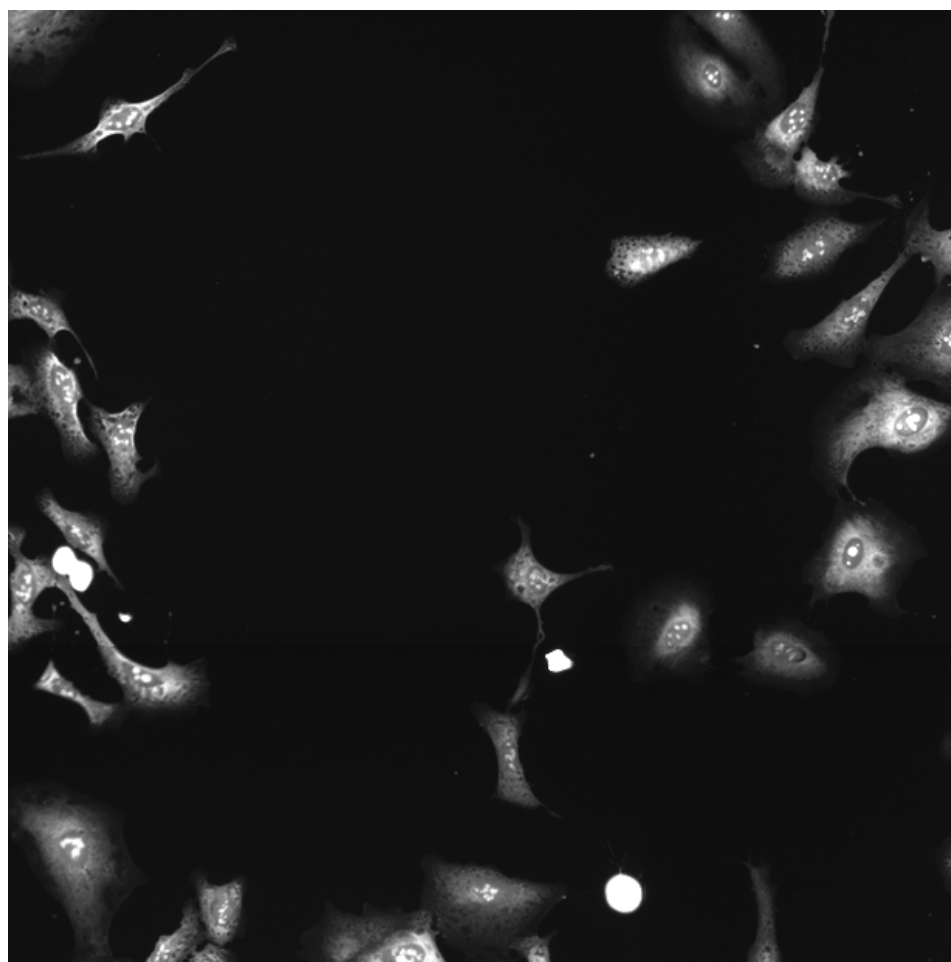
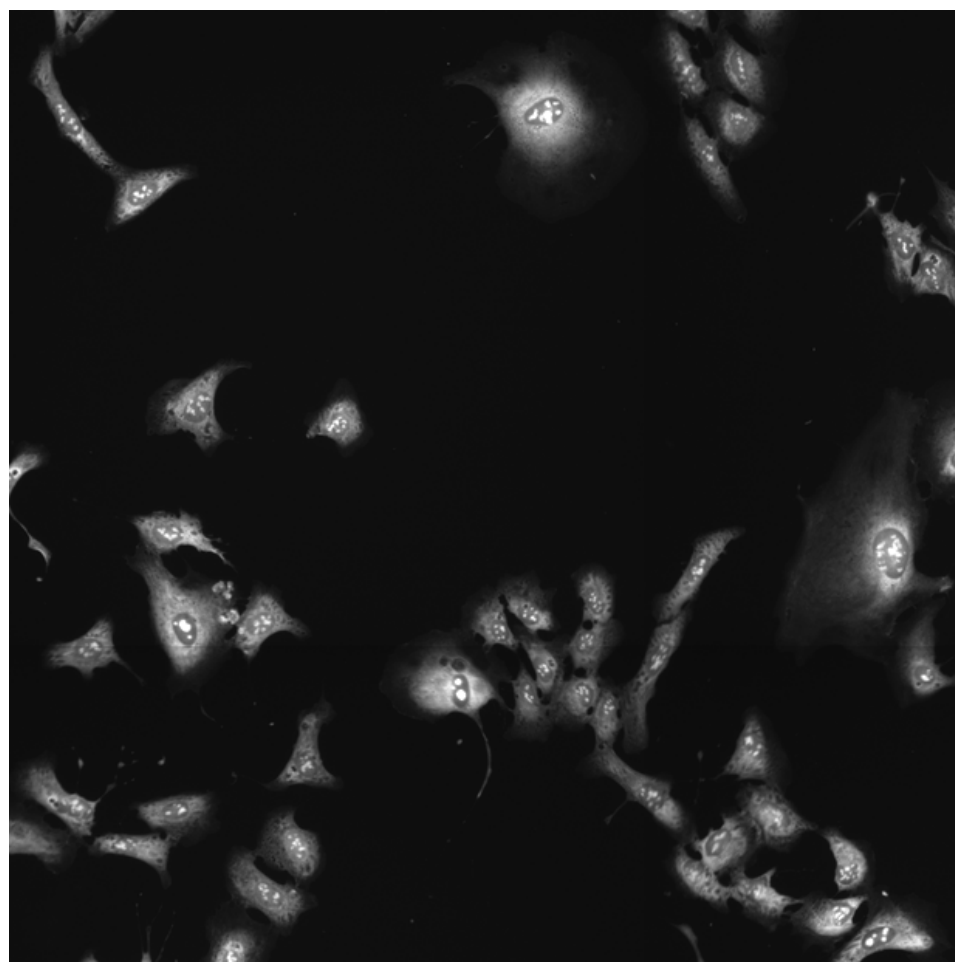
CDKN1A.WT (41755)

CDKN1A.WT (41756)

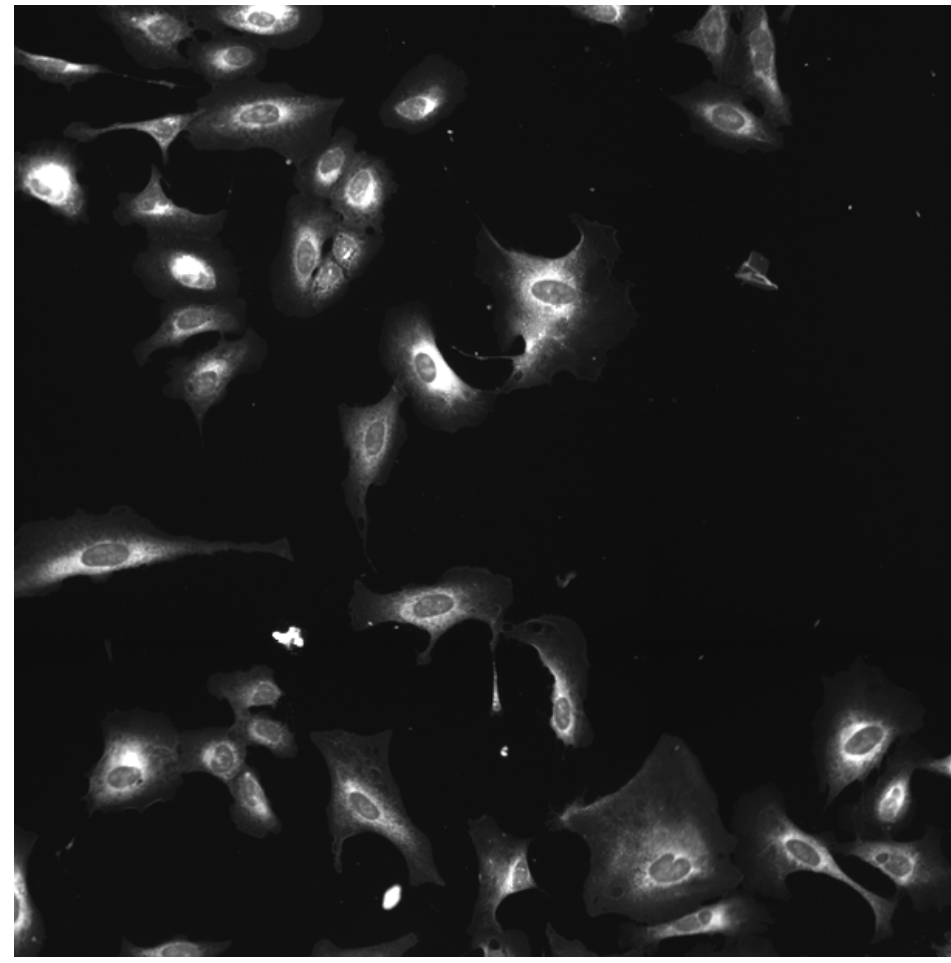
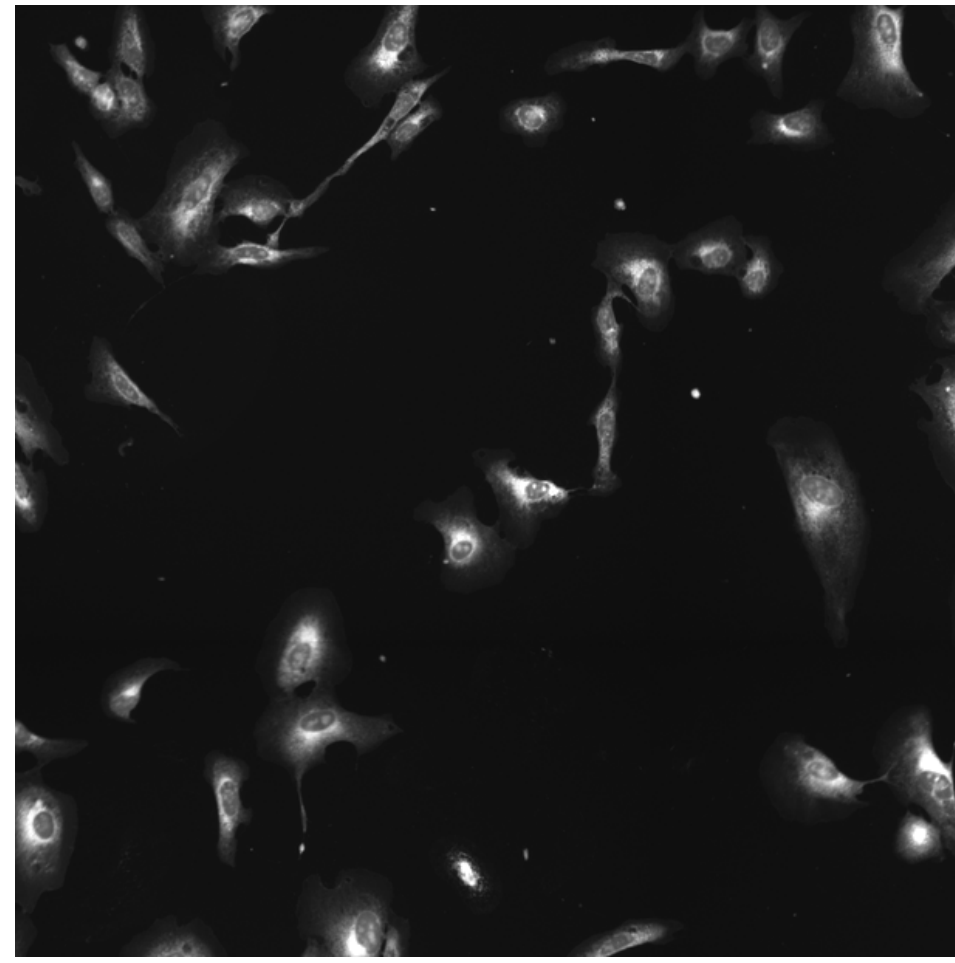
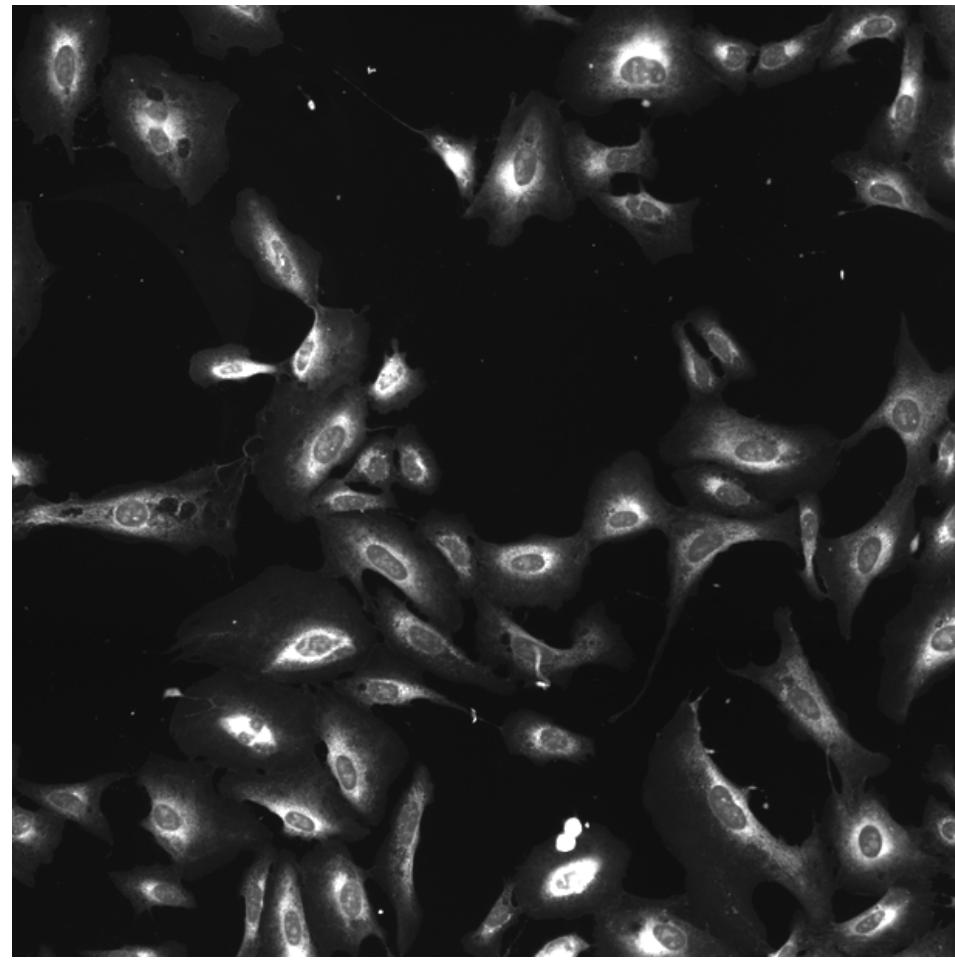
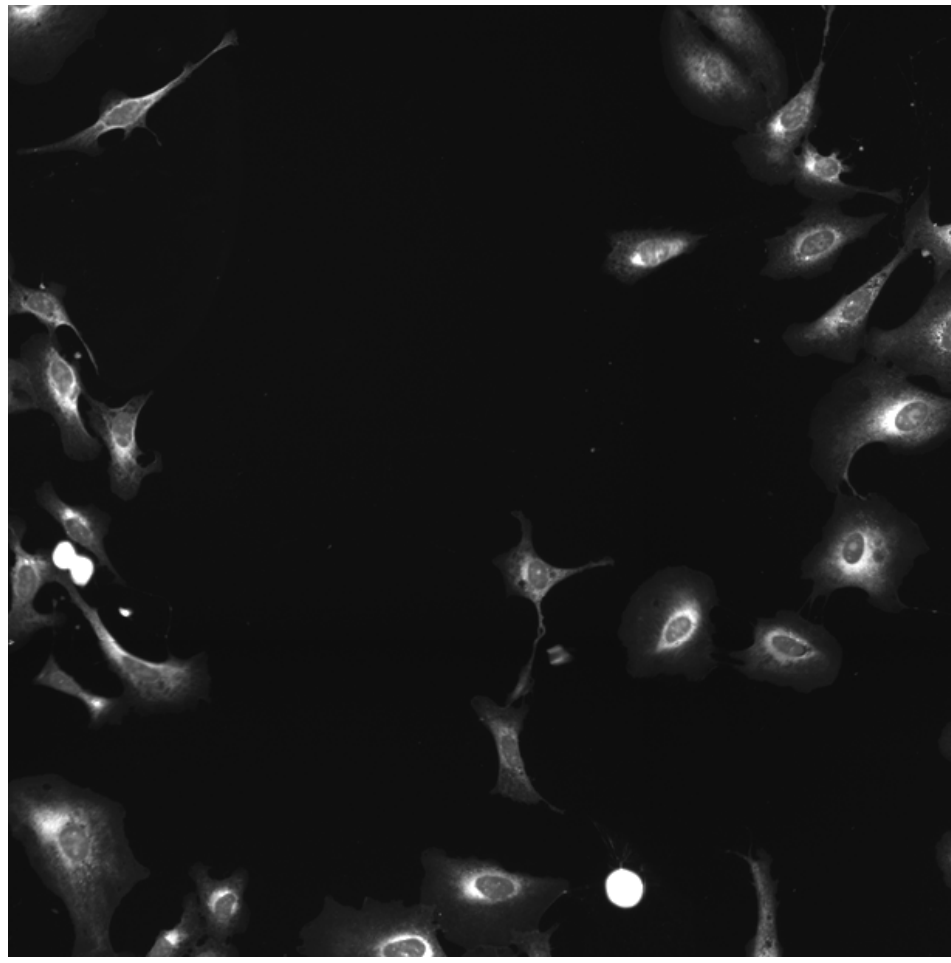
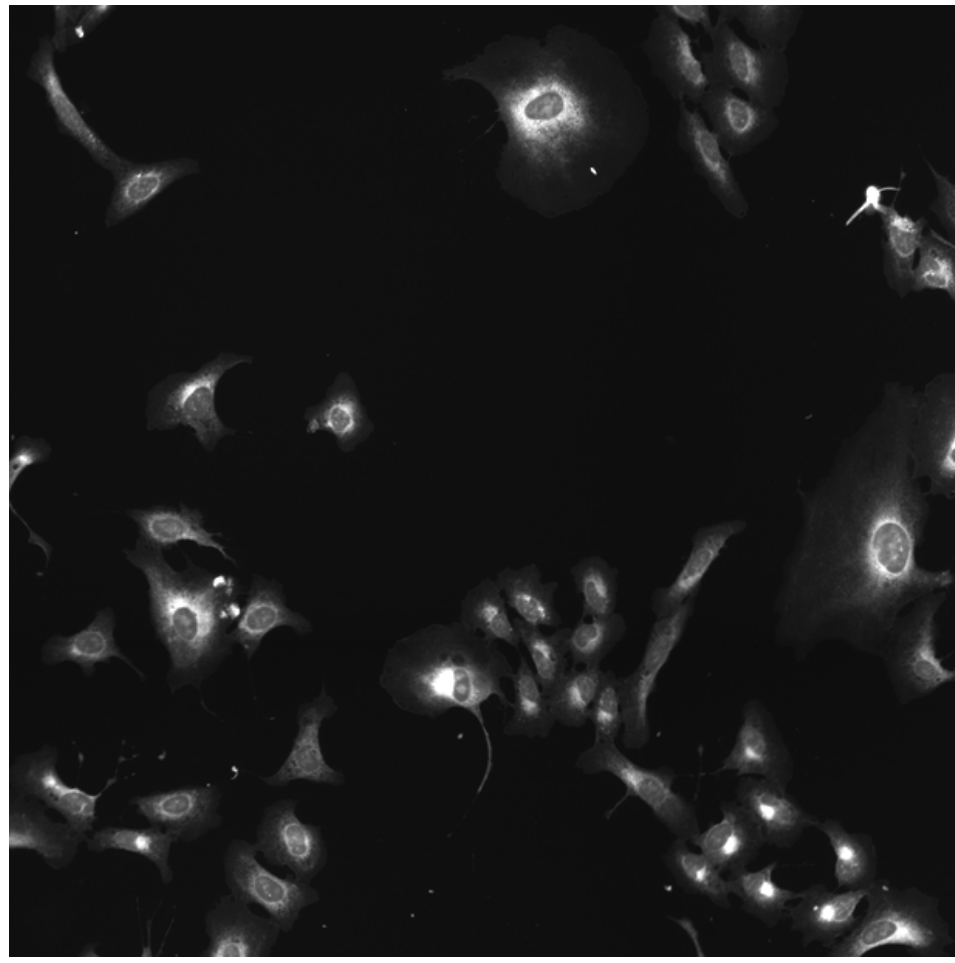
CDKN1A.WT (41757)

CDKN1A.WT (41754)

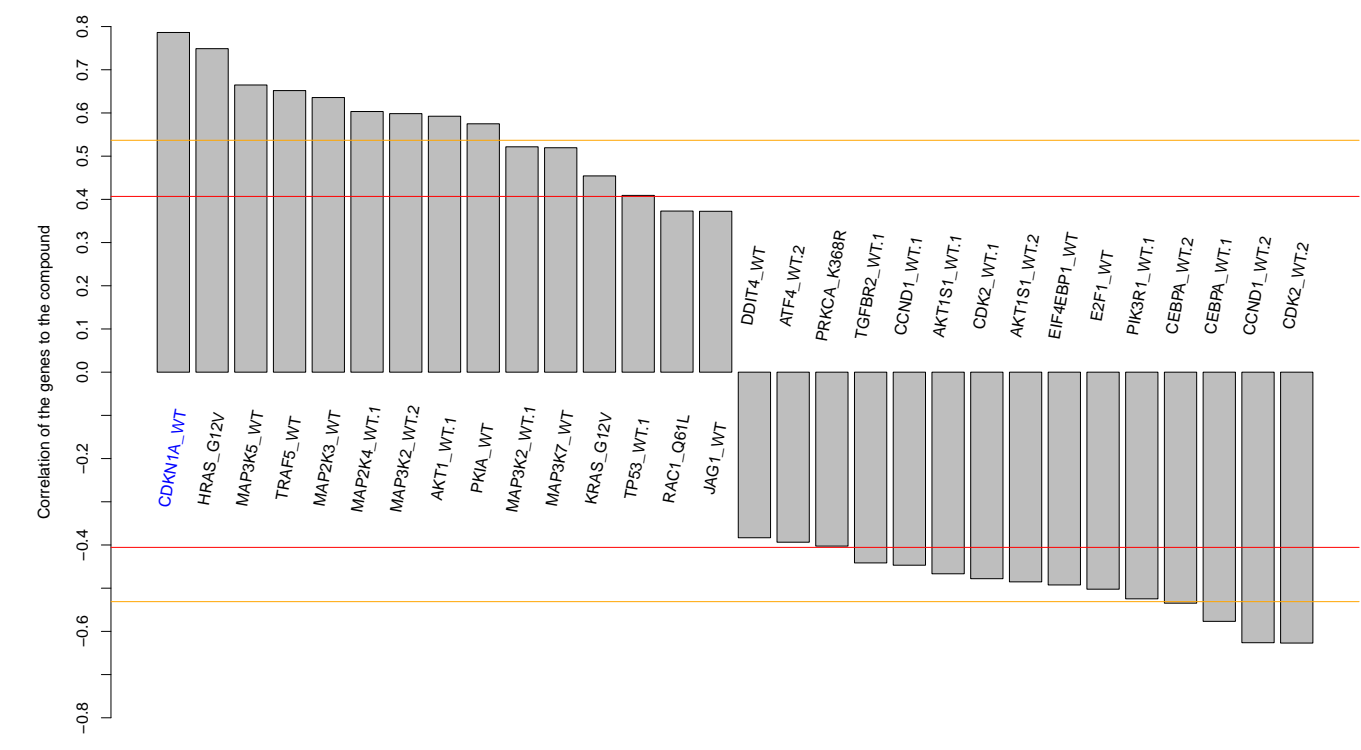
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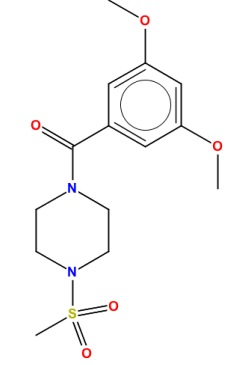
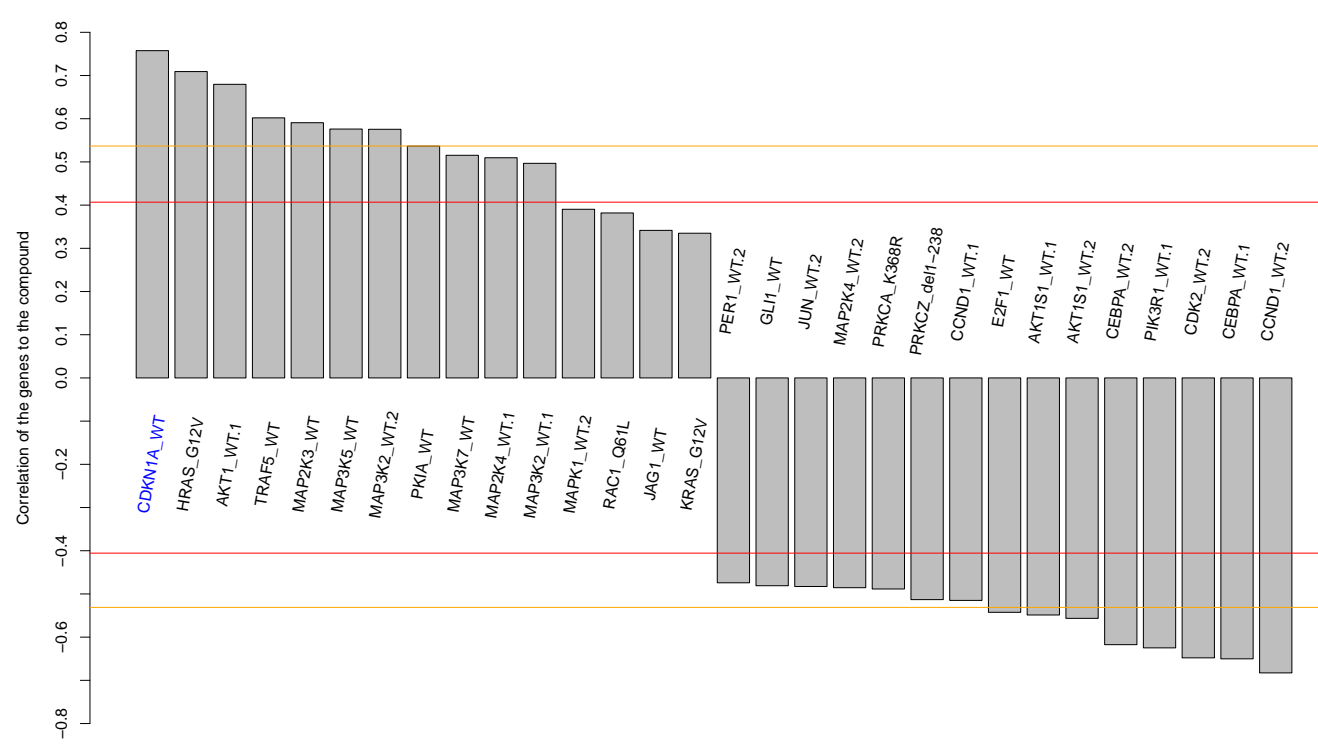
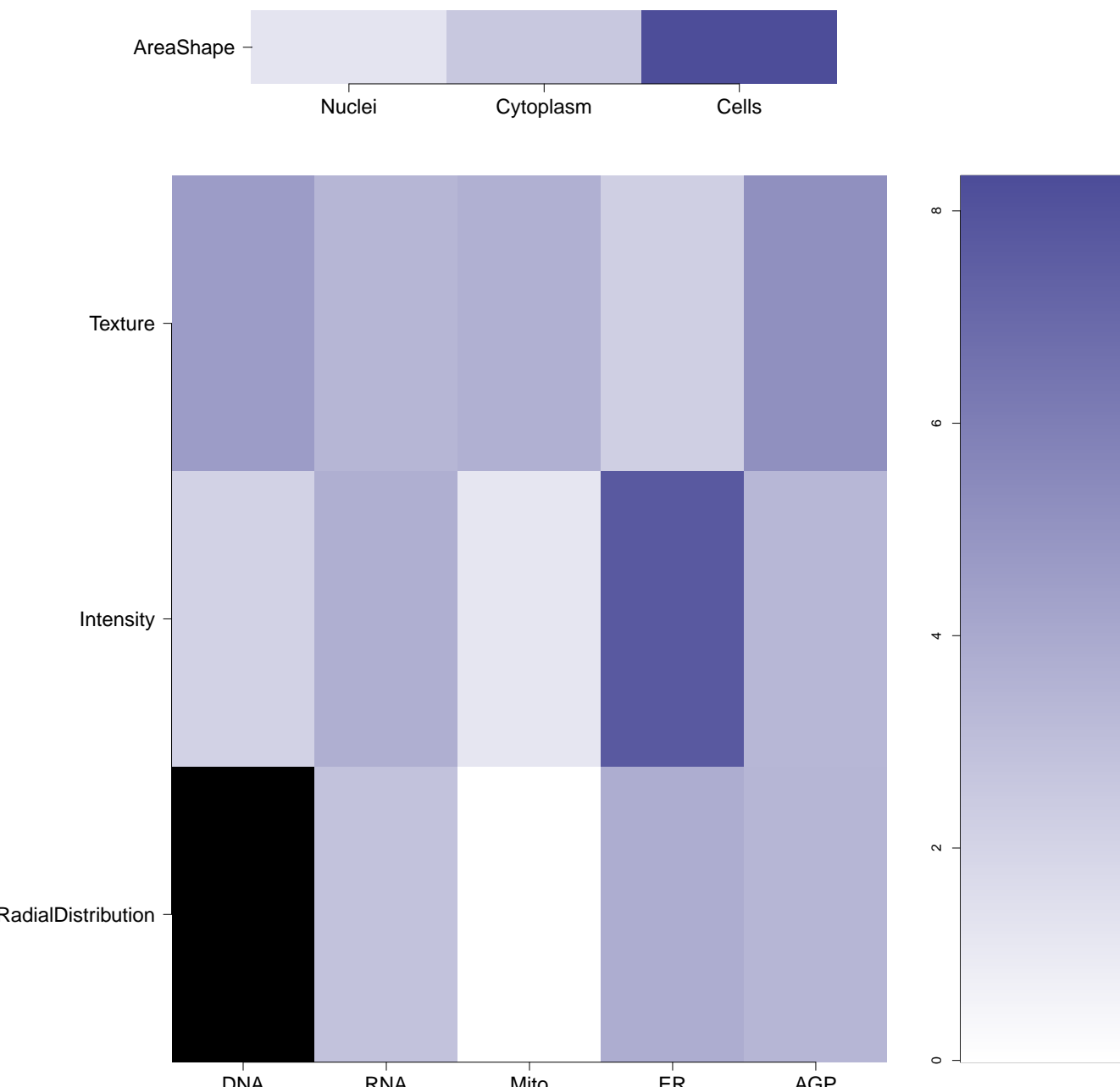
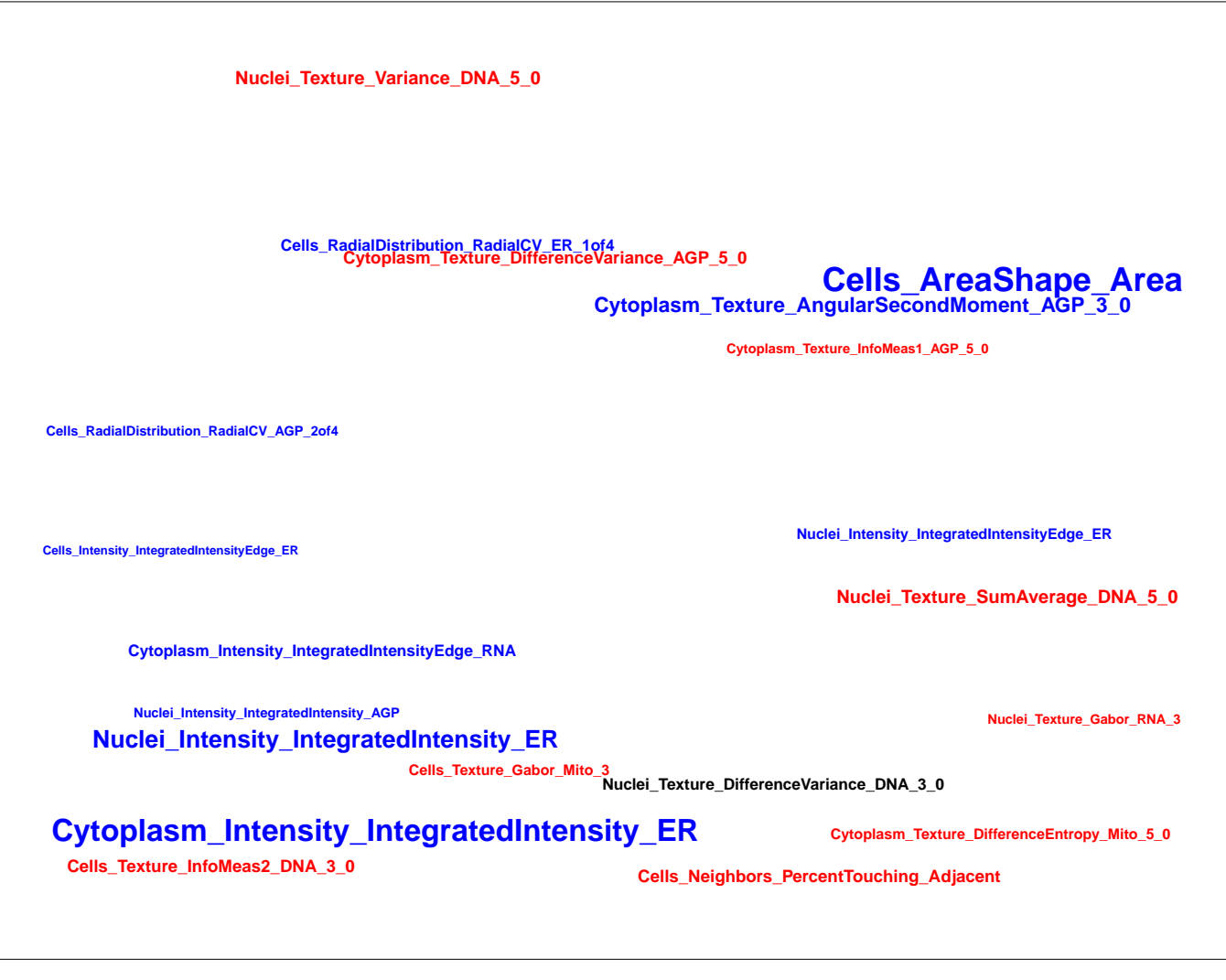
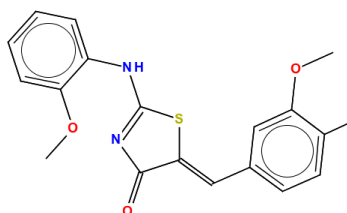
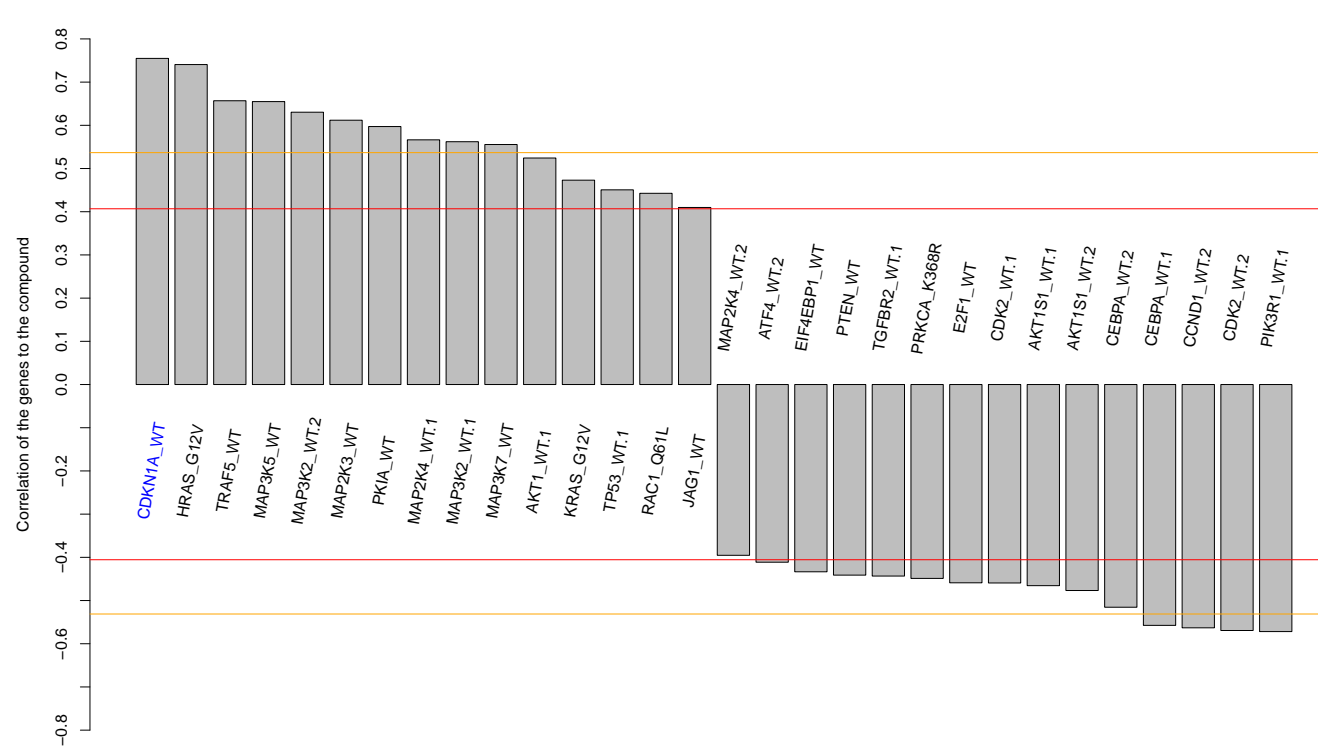
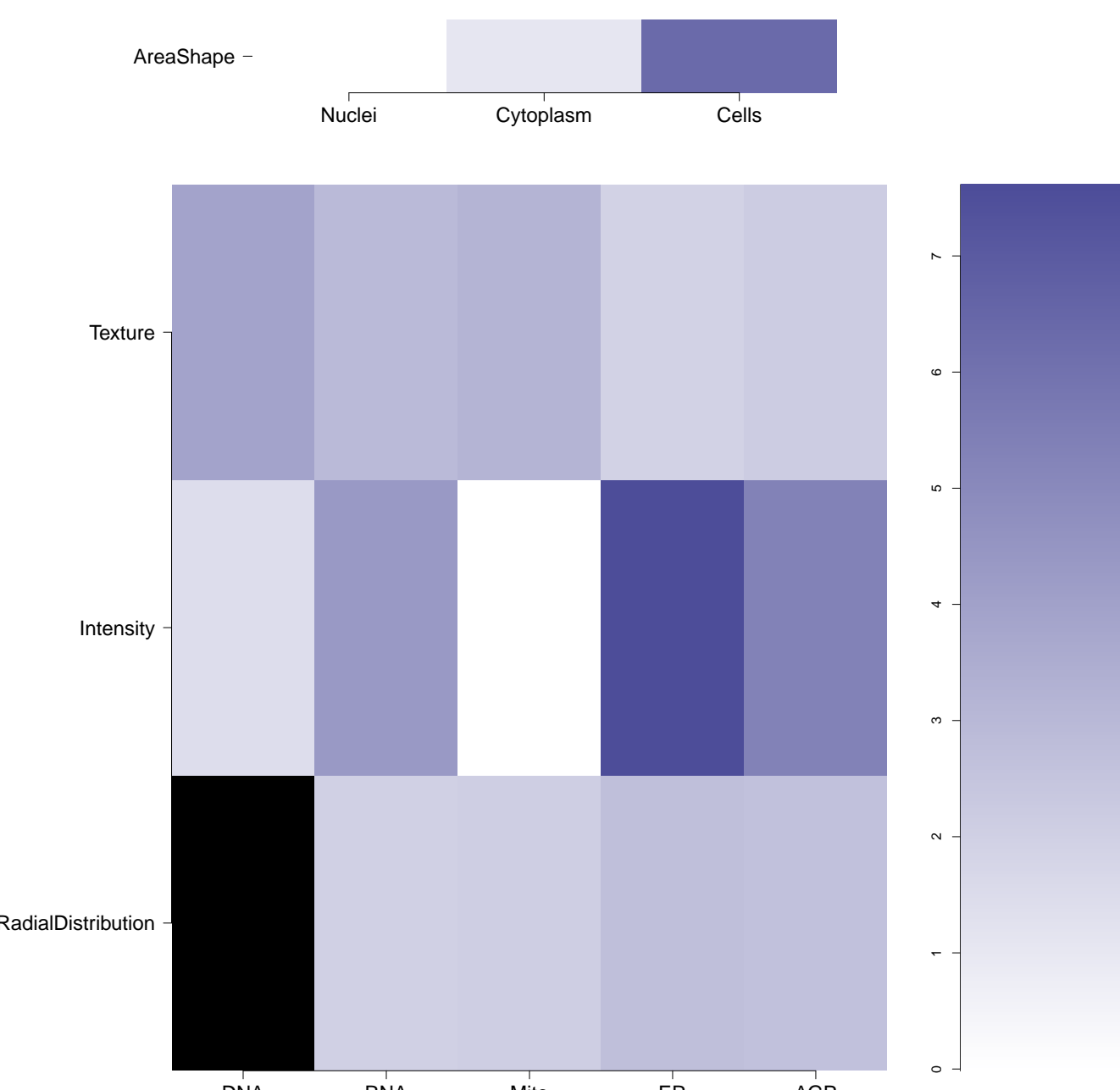
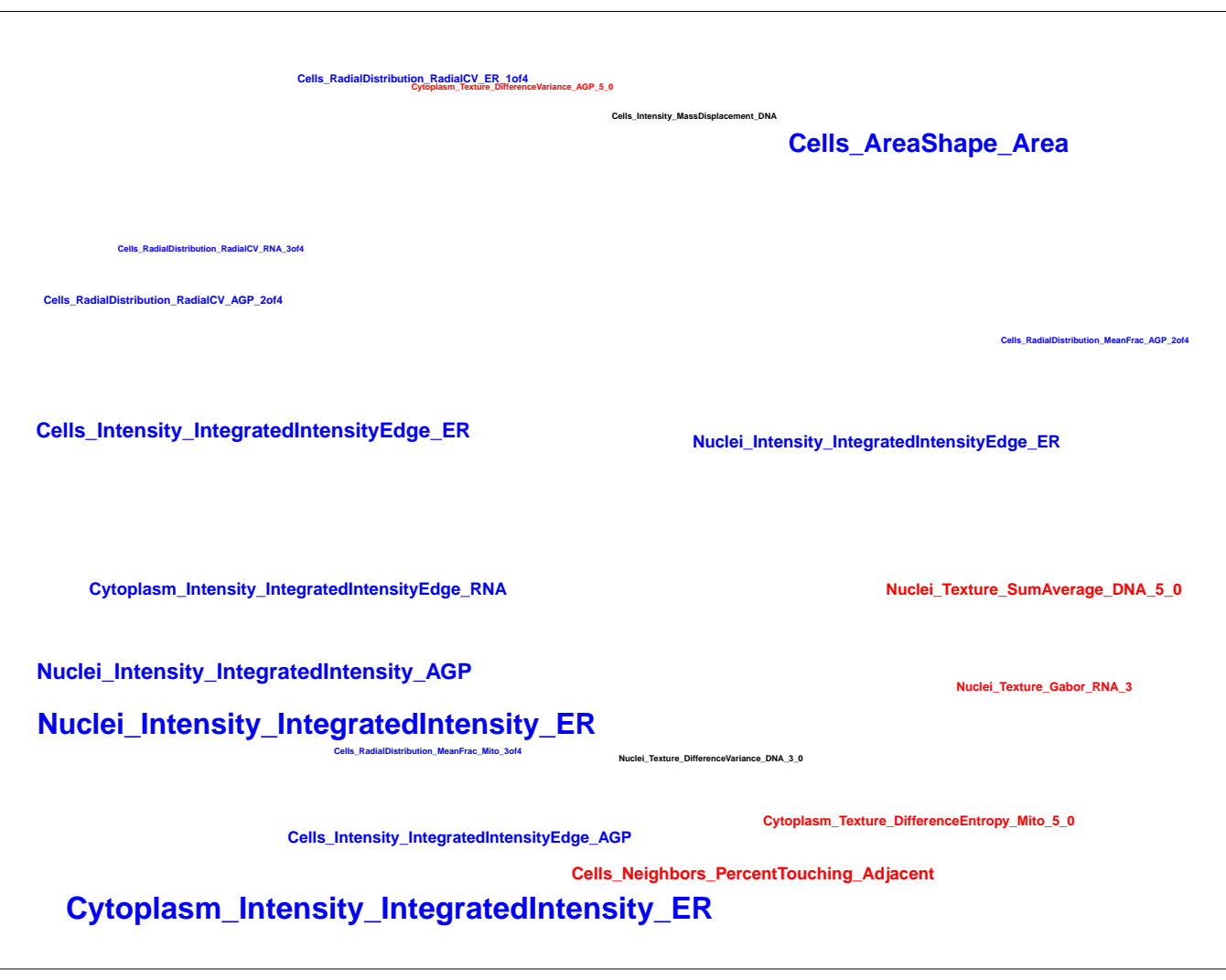
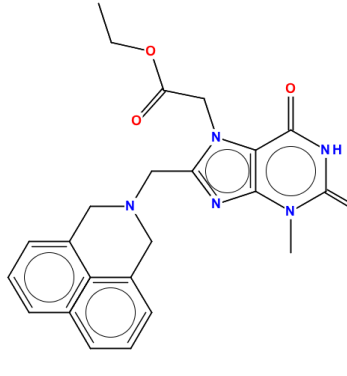
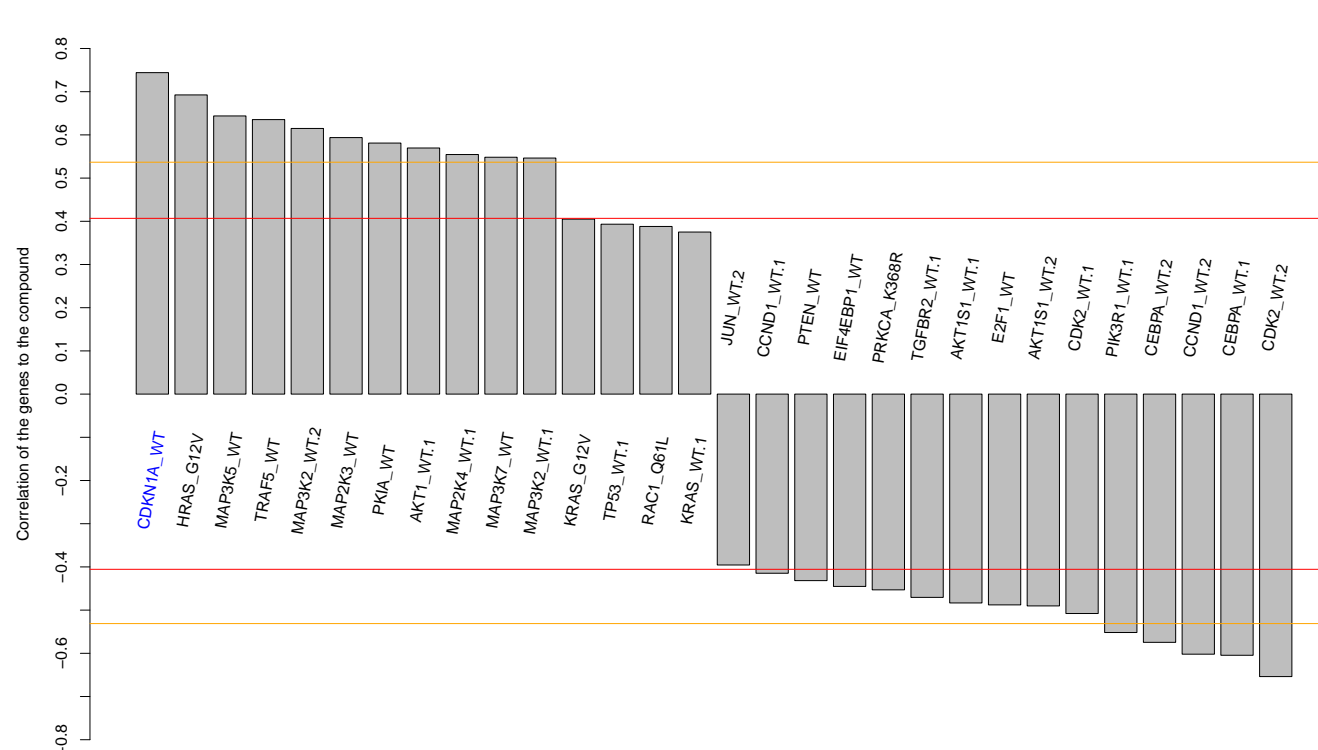
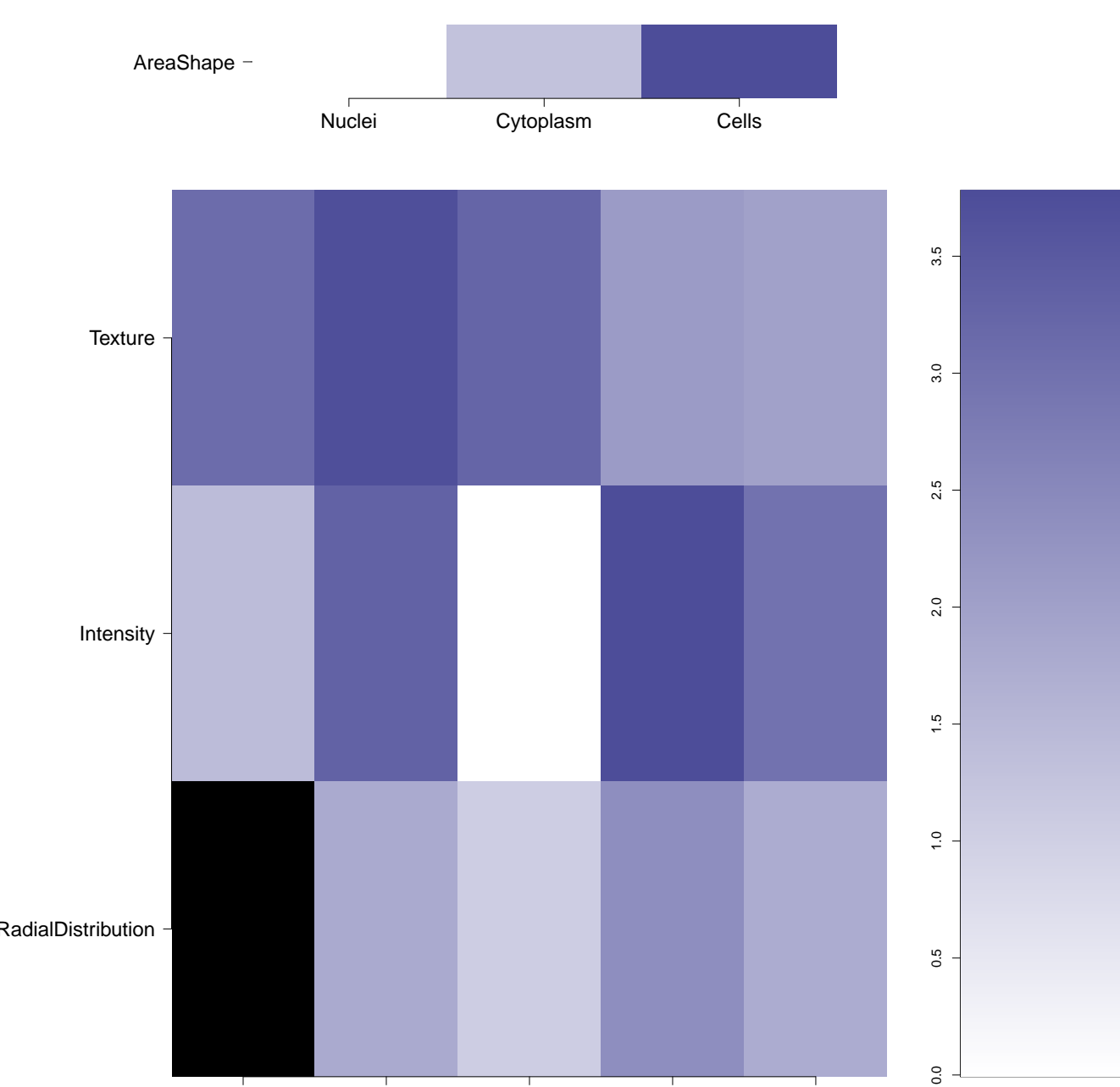

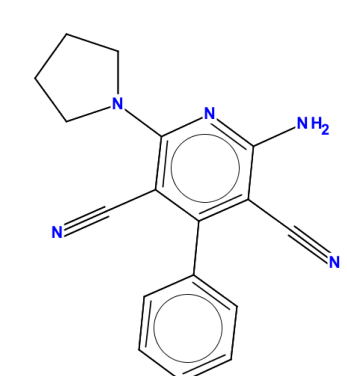
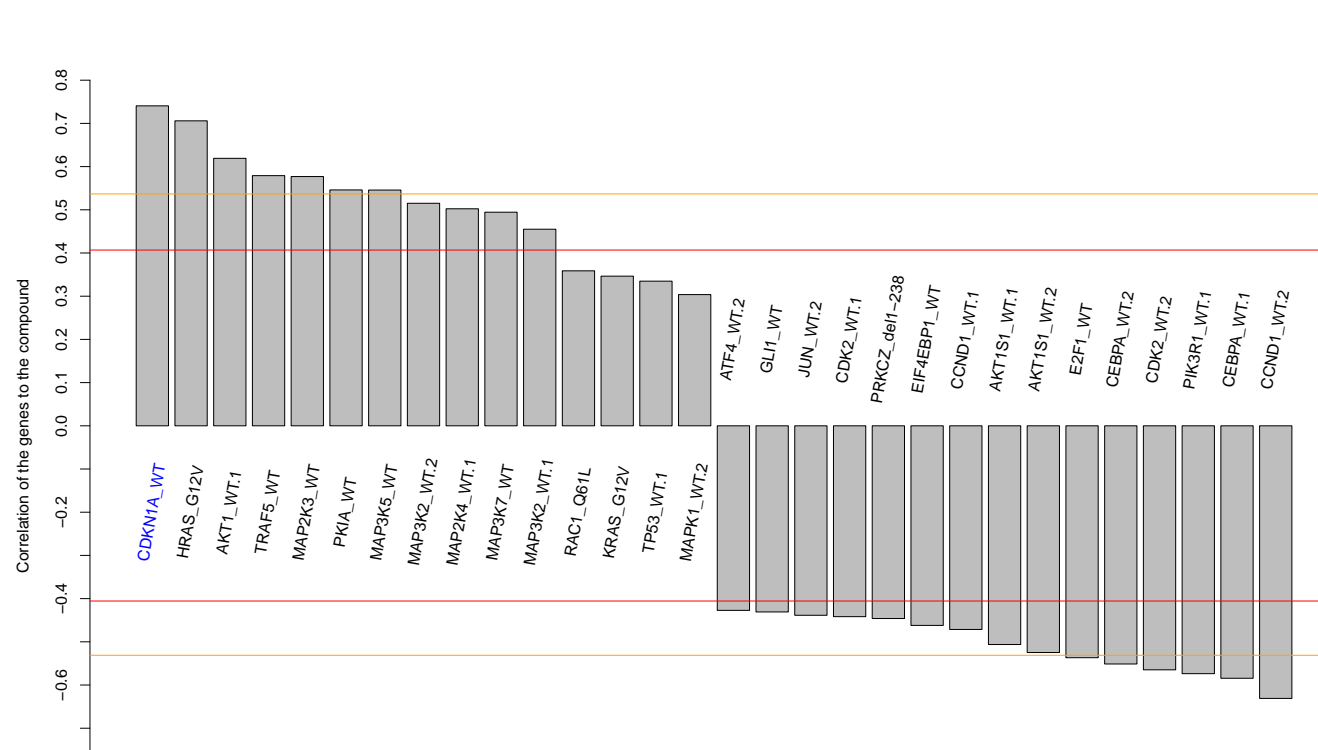
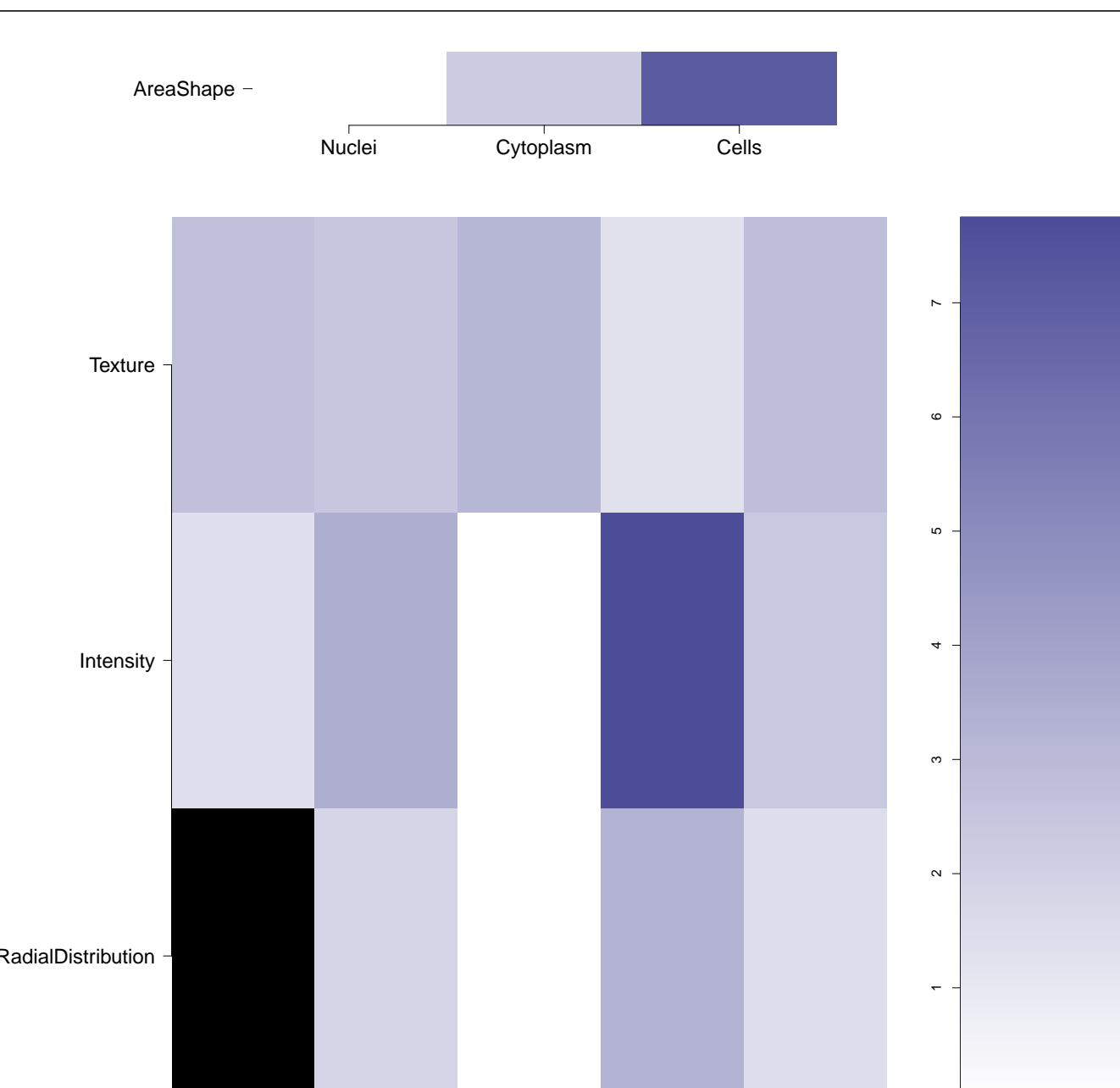
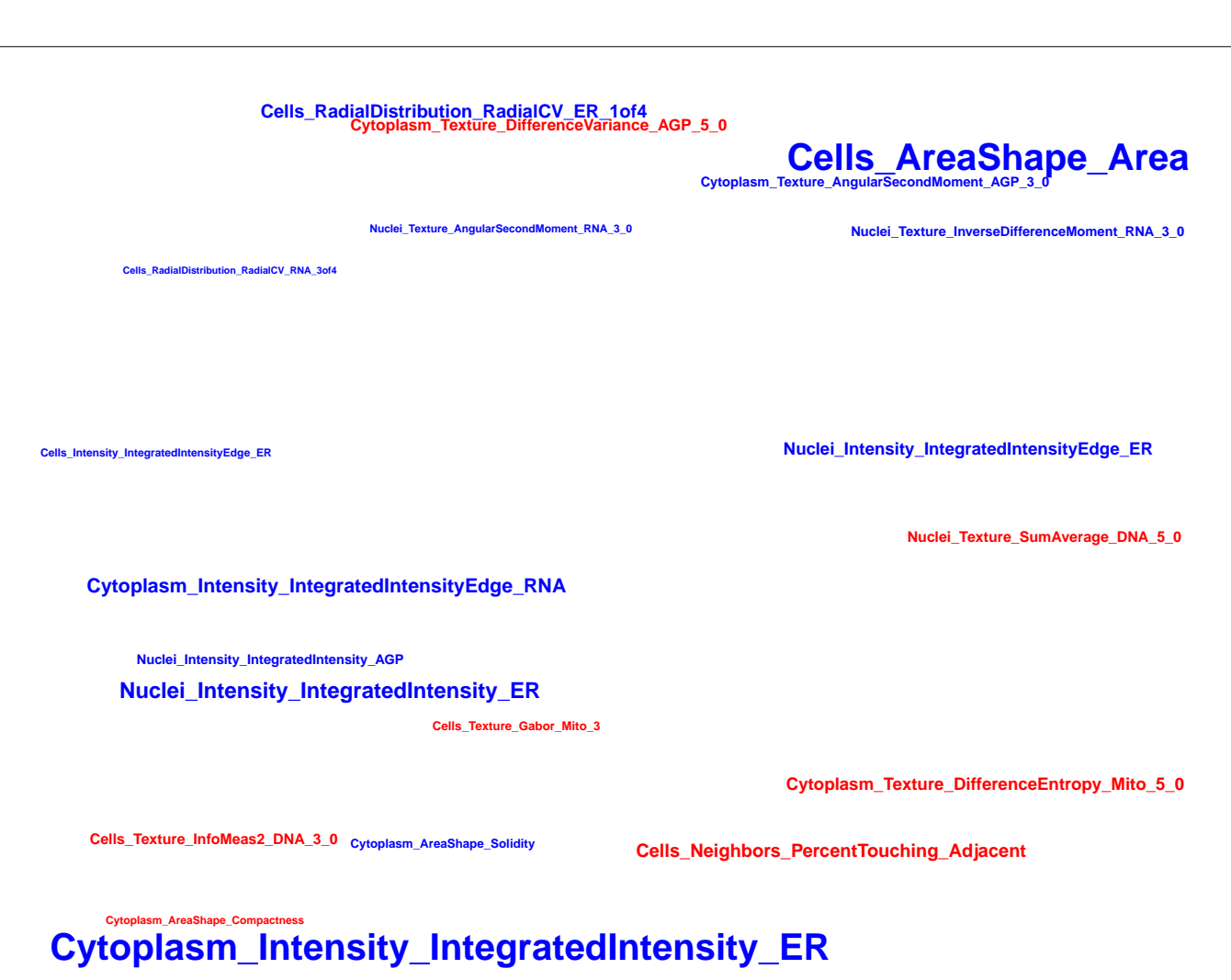


ER

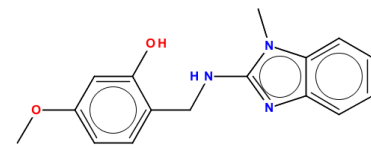


| | | | | | | | | |
|--|--------------------|--|---------------------------------------|--|---|---|---|---|
| Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster | Chemical structure | Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.52) | Correlation between compound and 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 |
|--|--------------------|--|---------------------------------------|--|---|---|---|---|

| | | | | | | | | |
|---|---|-------------------------------|-------------|--------------|--|---|---|--|
| <p>BRD-K90238417-001-07-4</p> <p>SMR000043477</p> <p>MLS000083198</p> <p>STK592720</p> <p>AC1NTW47</p> <p>MLS002584074</p> <p>BDBM67730</p> <p>HMS2424N11</p> <p>ZINC9111495</p> <p>ZINC09111495</p> <p>PubChem CID : 5389598</p> |  | <p>0.91 (in 4 replicates)</p> | <p>0.79</p> | <p>0.136</p> |  |  |  | <p>Total number of assays tested in: 775. Active in the following assays:</p> <ul style="list-style-type: none"> 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) |
| <p>BRD-A81850691-001-05-0</p> <p>F1734-0091</p> <p>AC1NJT6B</p> <p>MLS000697333</p> <p>HMS2580B04</p> <p>SMR000238009</p> <p>ST50110788</p> <p>PubChem CID : 4902407</p> |  | <p>0.94 (in 4 replicates)</p> | <p>0.78</p> | <p>NA</p> |  |  |  | <p>Total number of assays tested in: 639. Active in the following assays:</p> <ul style="list-style-type: none"> Fluorescence Cell-Free Homogenous Primary HTS to Identify Inhibitors of the RanGTP-Importin-beta complex (AID 2216) High Content Assay for Compounds that inhibit the Assembly of the Perinuclear Compartment (AID 2417) Primary biochemical fluorescence polarization-based high throughput screening assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 652257) |
| <p>BRD-K40926874-001-06-3</p> <p>T6051781</p> <p>AC1OBTHD</p> <p>MLS000516321</p> <p>ZINC12727563</p> <p>SMR000372882</p> <p>PubChem CID : 6902822</p> |  | <p>0.92 (in 3 replicates)</p> | <p>0.77</p> | <p>NA</p> |  |  |  | <p>Total number of assays tested in: 636. Active in the following assays:</p> <ul style="list-style-type: none"> qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) qHTS Assay for Inhibitors of Bacillus subtilis Sp phosphotransferyl transferase (PPTase) (AID 1490) VP16 counterscreen qHTS for inhibitors of ROR gamma transcriptional activity (AID 2546) qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551) uHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190) uHTS identification of small molecule inhibitors of tim23-1 yeast via a luminescent assay (AID 463212) Single concentration confirmation of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463213) Single concentration confirmation of small molecule inhibitors of tim23-1 yeast via a luminescent assay (AID 463218) HTS-Luminescent assay for inhibitors of AIR by detection of hydrogen peroxide production Measured in Biochemical System Using Plate Reader - 2036-02.Inhibitor.SinglePoint.HTS (AID 485317) qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) |
| <p>BRD-K69494685-001-06-7</p> <p>MLS000730236</p> <p>SMR000308512</p> <p>ST50674482</p> <p>AC1NO46C</p> <p>BDBM63417</p> <p>HMS2761F03</p> <p>ZINC2465637</p> <p>ZINC02465637</p> <p>PubChem CID : 5082003</p> |  | <p>0.92 (in 4 replicates)</p> | <p>0.77</p> | <p>NA</p> |  |  |  | <p>Total number of assays tested in: 636. Active in the following assays:</p> <ul style="list-style-type: none"> Leishmania major promastigote HTS (AID 1063) Luminescence Cell-Based Primary HTS to Identify Inhibitors of Heat Shock Factor 1 (HSF1). (AID 2098) Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) uHTS luminescence assay for the identification of chemical inhibitors of B-cell specific antigen receptor-induced NF-kB activation (AID 435022) |
| <p>BRD-K87230984-001-01-2</p> <p>PubChem CID : 54638196</p> |  | <p>0.96 (in 2 replicates)</p> | <p>0.77</p> | <p>0.776</p> |  |  |  | <p>Total number of assays tested in: 38.</p> |
| <p>BRD-K23930887-001-06-1</p> <p>MLS000764198</p> <p>7H-306S</p> <p>SMR000335035</p> <p>ZINC01396898</p> <p>AC1LS73A</p> <p>BDBM69322</p> <p>HMS2694F10</p> <p>ZINC1396898</p> <p>PubChem CID : 1483381</p> |  | <p>NA (in 1 replicates)</p> | <p>0.76</p> | <p>NA</p> |  |  |  | <p>Total number of assays tested in: 630. Active in the following assays:</p> <ul style="list-style-type: none"> qHTS Assay for Enhancers of SMN2 Splice Variant Expression (AID 1458) A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) Luminescence-based cell-based primary high throughput screening assay to identify biased ligands of the melanocortin 4 receptor (MC4R): agonists of MC4R (AID 540308) HTS to Find Inhibitors of Pathogenic Pemphigus Antibodies (AID 588358) Small Molecule Inhibitors of FGF22-Mediated Excitatory Synaptogenesis and Epilepsy Measured in Biochemical System Using RT-PCR - 7012-01.Inhibitor.SinglePoint.HTS Activity (AID 651658) |

| | | | | | | | | |
|---|---|-------------------------------|-------------|-----------|--|---|---|--|
| <p>BRD-K45488606-001-06-4</p> <p>MLS000099027</p> <p>SMR000070441</p> <p>BAS 03050091</p> <p>AC1LESB5</p> <p>MLS002540211</p> <p>BDBM62775</p> <p>HMS2347P22</p> <p>ZINC115691</p> <p>STK128794</p> <p>ZINC00115691</p> <p>ST45171832</p> <p>ST50269282</p> <p>PubChem CID : 717224</p> |  | <p>0.91 (in 3 replicates)</p> | <p>0.76</p> | <p>NA</p> |  |  |  | <p>Total number of assays tested in: 787. Active in the following assays:</p> <ul style="list-style-type: none"> Luminescence Cell-Based Primary HTS to Identify Inhibitors of Heat Shock Factor 1 (HSF1). (AID 2098) Fluorescence-based cell-based primary high throughput screening assay to identify positive allosteric modulators (PAMs) of the human cholinergic receptor, muscarinic 5 (CHRM5) (AID 624038) 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) |
| <p>BRD-K38340366-001-10-8</p> <p>MLS001207806</p> <p>MLS003876590</p> <p>SMR000517221</p> <p>ST50155362</p> <p>ZINC04974015</p> <p>AC1NY521</p> <p>BDBM67642</p> <p>HMS2817L13</p> <p>ML280</p> <p>ZINC4974015</p> <p>BAS 01966230</p> <p>PubChem CID : 5765514</p> |  | <p>0.87 (in 4 replicates)</p> | <p>0.75</p> | <p>NA</p> |  |  |  | <p>Total number of assays tested in: 518. Active in the following assays:</p> <ul style="list-style-type: none"> 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) Dyrki A HTS Measured in Biochemical System Using Plate Reader - 2124-01.Inhibitor.SinglePoint.HTS.Activity (AID 504441) MLPCN DyrkiA 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) nHTS 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 588760) nHTS identification of cystic fibrosis induced NFkB Inhibitors in a fluorescence assay (AID 58850) Single concentration confirmation of nHTS inhibitor hits from RPN11 in a Fluorescence Polarization assay (AID 602318) Single concentration validation of nHTS RPN11 inhibitor hits using a Thrombin Fluorescence Polarization assay (AID 602333) Single concentration confirmation of nHTS 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 cytokinetic protein MgcRacGAP - HeLa Cytotoxicity (AID 624300) Discovery of small molecule inhibitors of the oncogenic and cytokinetic protein MgcRacGAP - Primary and Confirmatory Screens (AID 624330) Discovery of small molecule inhibitors of the oncogenic and cytokinetic 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 686970) 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 Inflammasome Signaling: IL-1-beta AlphaLISA Primary Screen (AID 743279) Confirmed inhibitors of Serine Threonine Kinase 33, STK33 (AID 743321) |
| <p>BRD-K99043334-001-05-3</p> <p>T5820256</p> <p>SMR000028676</p> <p>MLS000093046</p> <p>AC1MMDH8</p> <p>MLS000863462</p> <p>HMS2432G12</p> <p>ZINC57388152</p> <p>ST51073581</p> <p>PubChem CID : 3237033</p> |  | <p>0.86 (in 3 replicates)</p> | <p>0.74</p> | <p>NA</p> |  |  |  | <p>Total number of assays tested in: 773. Active in the following assays:</p> <ul style="list-style-type: none"> Cytochrome panel assay with activity outcomes (AID 1851) Primary qHTS for delayed death inhibitors of the malarial parasite plastid, 96 hour incubation (AID 504834) |
| <p>BRD-K75094682-001-05-2</p> <p>MLS000549223</p> <p>AC1LEDZQ</p> <p>HMS2351K24</p> <p>BDBM50324057</p> <p>STK755069</p> <p>ZINC19817938</p> <p>SMR000114200</p> <p>PubChem CID : 684664</p> |  | <p>0.87 (in 4 replicates)</p> | <p>0.74</p> | <p>NA</p> |  |  |  | <p>Total number of assays tested in: 677. Active in the following assays:</p> <ul style="list-style-type: none"> TRFRET-based cell-based primary high throughput screening assay to identify inhibitors of cell surface Prion Protein (PRPC) (AID 720596) |

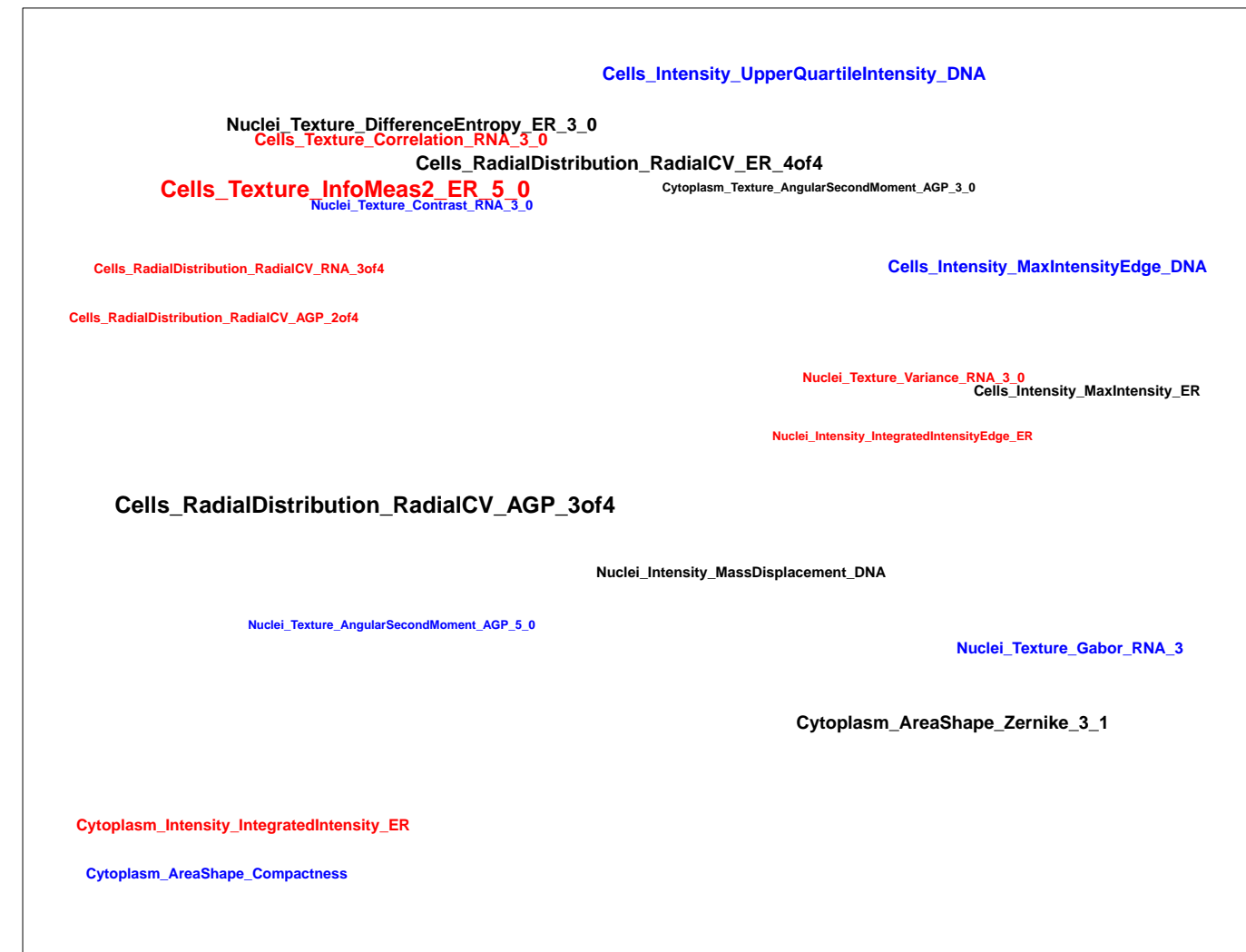
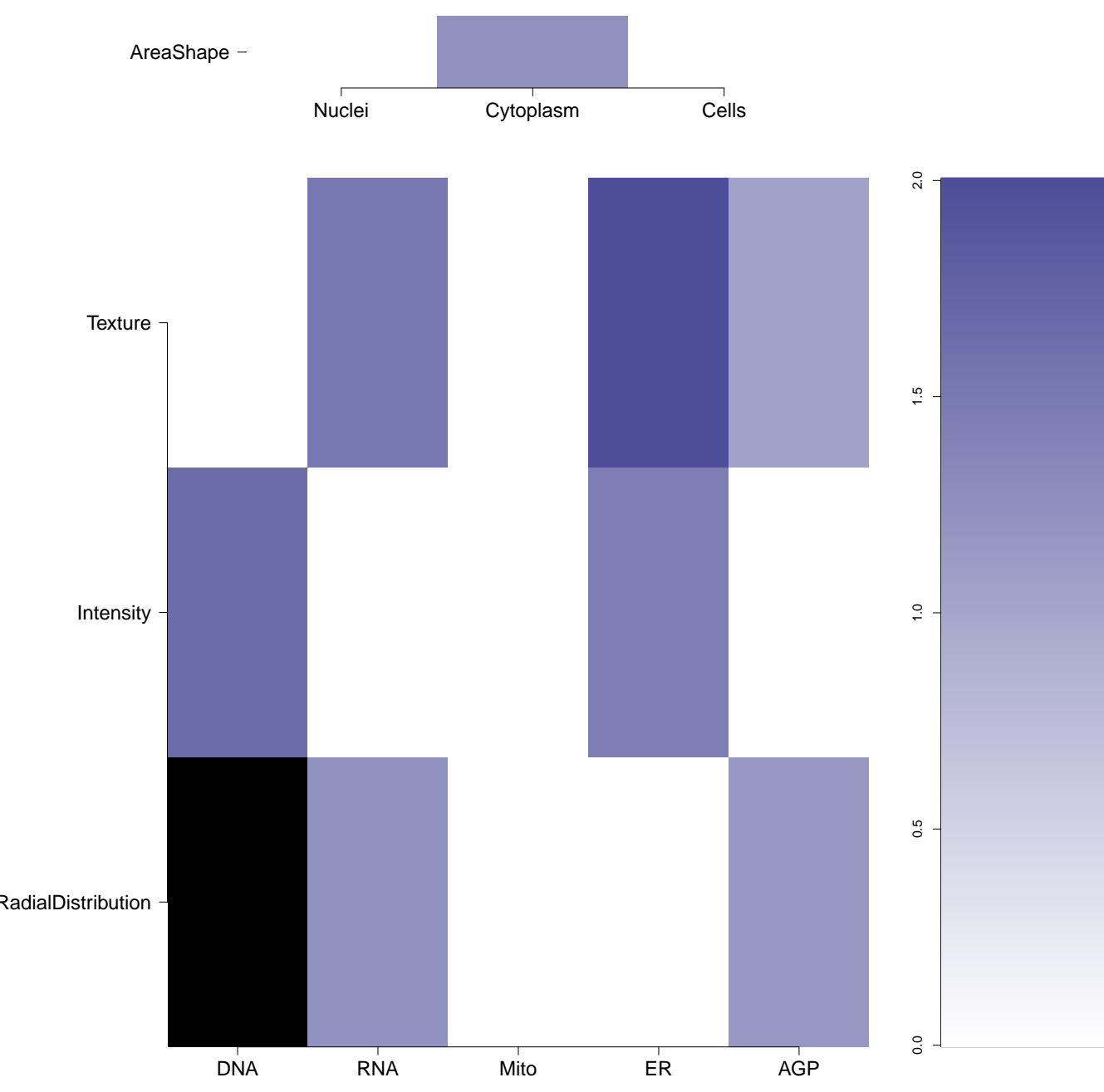
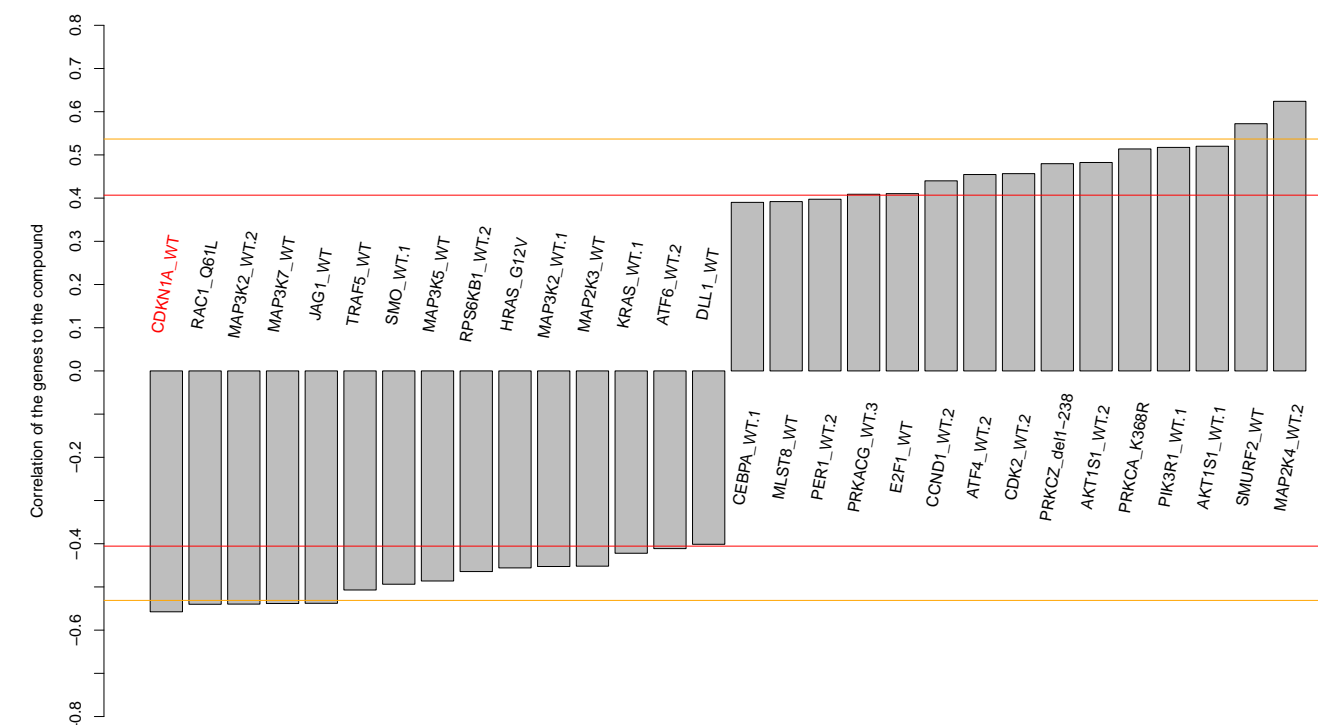
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BAS 03020362
AC1LG1VG
MLS000714118
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PubChem CID : 787426



NA (in 1 replicates)

-0.56

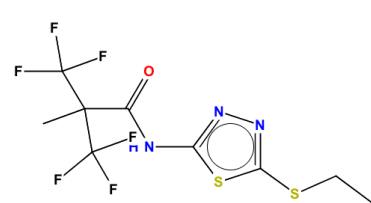
NA



Total number of assays tested in: 580. Active in the following assays:

- MLPCPN Alpha-Synuclein 5'UTR - 5'UTR binding - activators (AID 1814)
- Aqueous Solubility from MLSMR Stock Solutions (AID 1996)
- A cytotoxicity screen of small molecule inhibitors of the PhoP regulon in *Salmonella typhi* identified in the primary screen (AID 2252)
- qHTS Assay for Modulators of miRNAs and/or Inhibitors of miR-21 (AID 2289)
- Cycloheximide Counter-screen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)
- A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315)
- qHTS Luminescent assay for identification of inhibitors of Seratin-specific protease 6 (SEN6P) (AID 2599)
- qHTS Luminescent assay for identification of inhibitors of Seratin-specific protease 7 (SEN7P) (AID 43973)
- qHTS Assay for Rab9 Promoter Activators (AID 485297)
- qHTS Assay for NPC1 Promoter Activators (AID 485313)
- Single concentration confirmation of uHTS for inhibitors of Seratin-specific protease 8 (SEN8P) using a Luminescent assay (AID 488912)
- Single concentration confirmation of uHTS for inhibitors of Seratin-specific protease 6 (SEN6P) using a Luminescent assay (AID 488915)
- Single concentration confirmation of uHTS for inhibitors of Seratin-specific protease 7 (SEN7P) using a Luminescent assay (AID 488917)
- Single concentration confirmation of inhibitors of Seratin-specific proteases (SENPs) using a Caspase-3 Selectivity assay (AID 488918)
- Single concentration confirmation of inhibitors of Seratin-specific proteases (SENPs) using a Luminescent Interference Counter-screen assay (AID 488919)
- qHTS for inhibitors of binding or entry into cells for Marburg Virus (AID 540276)
- MTF Measured in Cell-Based System Using Plate Reader - 2084-01-Activator Single-Point HTS Activity (AID 588334)
- qHTS profiling assay for firefly luciferase inhibitor/activator using purified enzyme and Km concentrations of substrates (counter-screen for miR-21 project) (AID 588342)
- Luminescence Cell-Based Primary HTS to Identify Re-Activators of the P53 Mutator Protein Measured in Cell-Based System Using Plate Reader - 2071-01-Activator Single-Point HTS Activity (AID 624151)
- qHTS Assay to Identify Small Molecule Activators of BRCA1 Expression (AID 624202)
- Luminescence-based cell-based primary high throughput screening assay for inhibitors of the orphan nuclear receptor subfamily 0, group B, member 1 (RXR β ; NR0B1): repression of SE1 (NR5A1) activated S1AR promoter by full-length DAX-1 (AID 625010)
- Luminescence-based cell-based primary high throughput screening assay to identify activators of the function of SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (SMARCA2, BRM) (AID 626207)
- Luminescence-based cell-based primary high throughput confirmation assay to identify activators of the function of SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (SMARCA2, BRM) (AID 626220)
- Counter-screen for activators of the function of SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 (SMARCA2, BRM): Luminescence-based cell-based high throughput screening assay to identify non-selective compounds using the VP16 reporter assay (AID 666939)
- Luminescence-based cell-based primary high throughput screening assay to identify agonists of the DAF-12 from the parasite *H. glycines* (hGDAF-12) (AID 687014)
- Luminescence-based cell-based high throughput confirmation assay to identify agonists of the DAF-12 from the parasite *H. glycines* (hGDAF-12) (AID 743500)

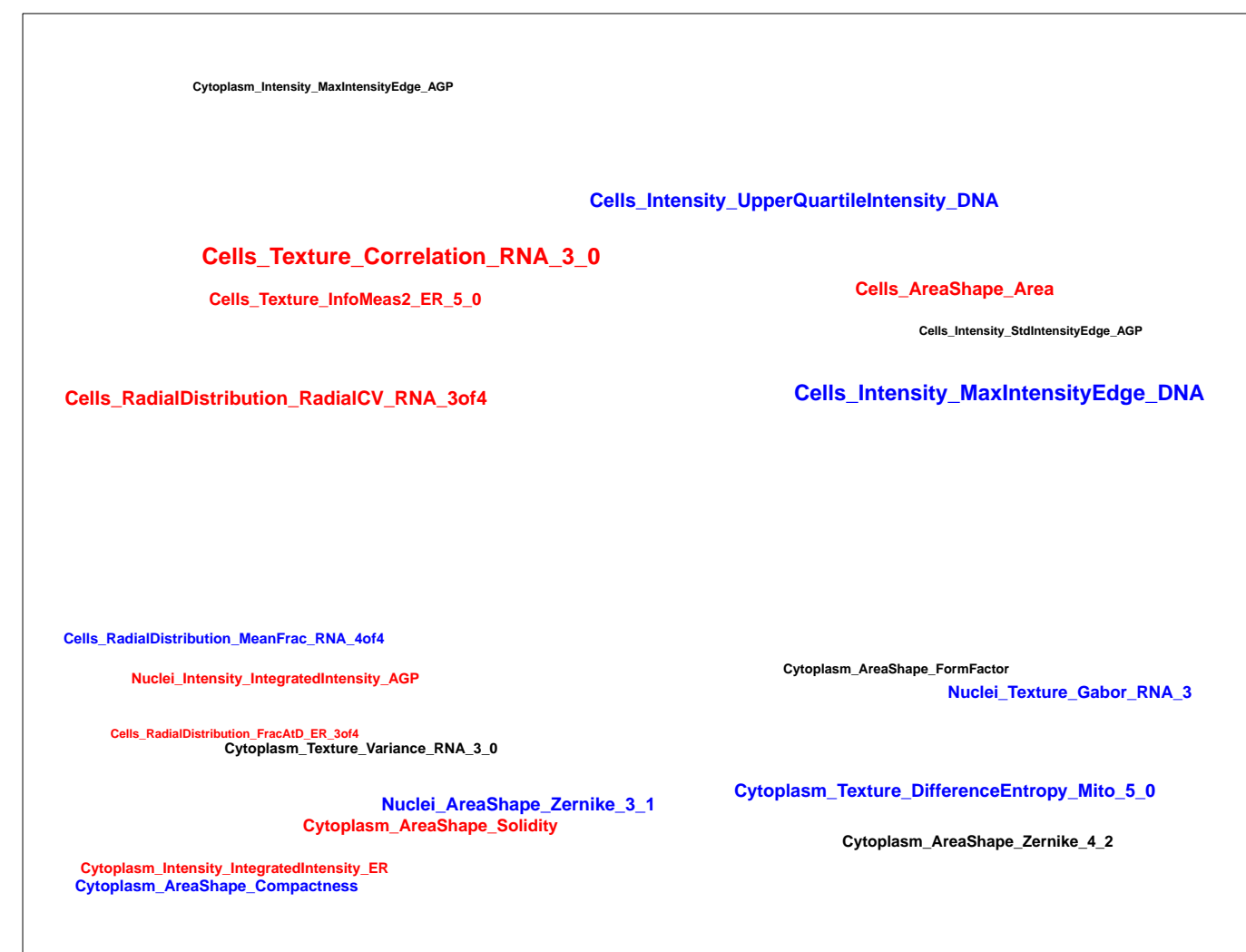
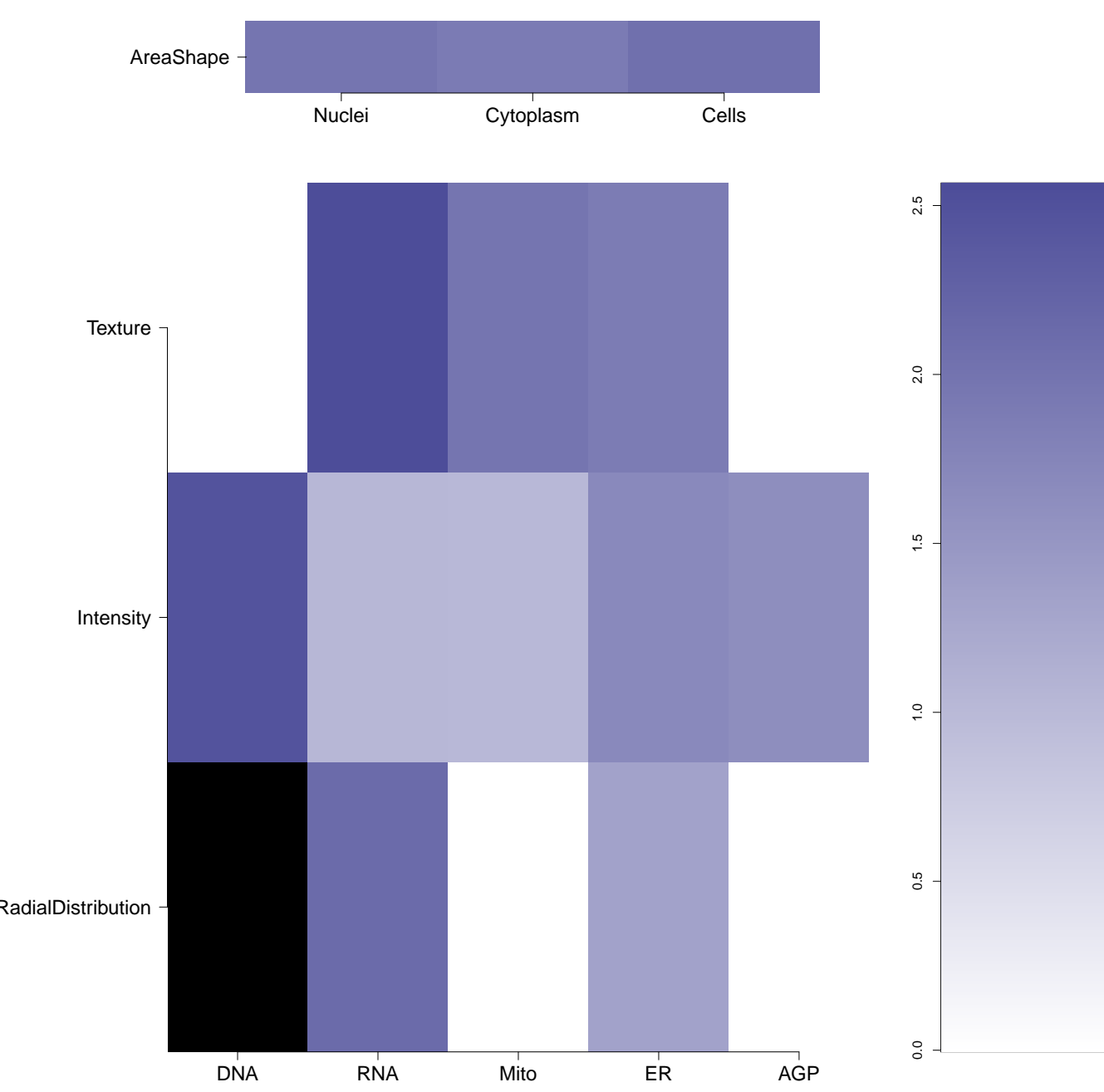
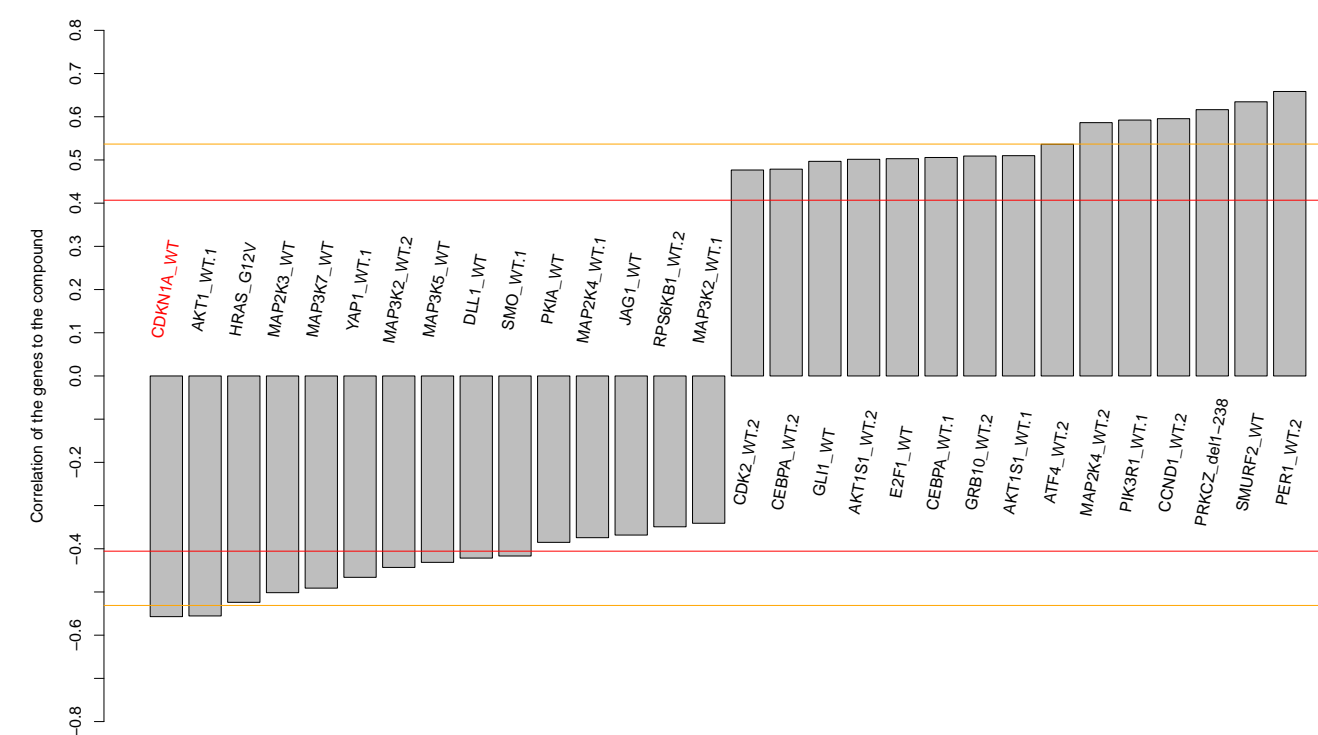
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NA (in 1 replicates)

-0.56

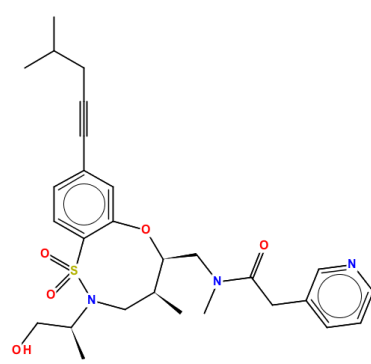
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Total number of assays tested in: 760. Active in the following assays:

- Human A549 Lung Tumor Cell Growth Inhibition Assay (AID 371)
- CYP2C9 Assay (AID 777)
- gHTS Assay for Identification of Small Molecule Antagonists for Hypoxia Response Element Signaling Pathway (AID 915)
- Multiplexed high-throughput screen for small molecule regulators of RGS family protein interactions, specifically RGS16-Galpho. (AID 1441)
- Multiplexed high-throughput screen for small molecule regulators of RGS family protein interactions. (AID 1504)
- gHTS Multiplex Assay to Identify Dual Action Probes in a Cell Model of Huntington: Aggregate Formation (GFP) (AID 1688)
- Primary cell-based screen for the identification of compounds that inhibit the Choline Transporter (CHT) (AID 488975)
- Confirmatory screen for compounds that inhibit the Choline Transporter (CHT) (AID 49221)
- Nrf2 gHTS screen for inhibitors (AID 504444)
- Dose responses of compounds that inhibit the Choline Transporter (CHT) - 5 point CRC (AID 504840)
- Dose responses of compounds that inhibit the Choline Transporter (CHT) - 10 point CRC (AID 588401)
- A Quantitative High throughput Screen to Identify Chemical Modulators of PINK1 Expression (AID 62263)
- gHTS for Antagonists of gsp, the Etiologic Mutagen Responsible for Fibrous Dysplasia/McCune-Albright Syndrome: gHTS (AID 62288)
- Counterscreen of compound fluorescence effects on High-throughput multiplexed microplate screening for inhibitors of toxin protease (AID 62483)
- gHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): gHTS in cells in absence of CPT (AID 686978)
- gHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): gHTS in cells in presence of CPT (AID 686979)
- Confirmed inhibitors of the Choline Transporter (CHT) (AID 105396)

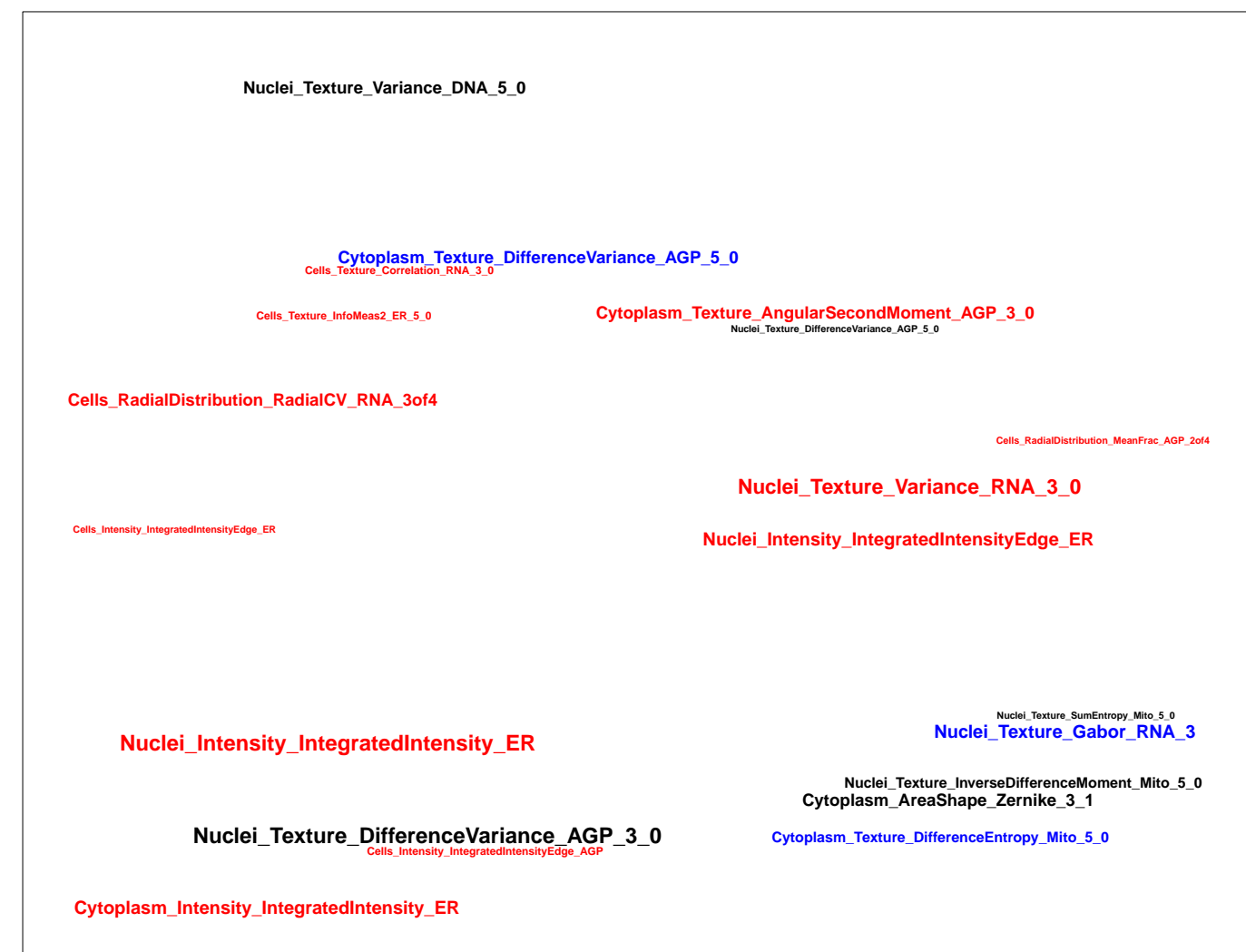
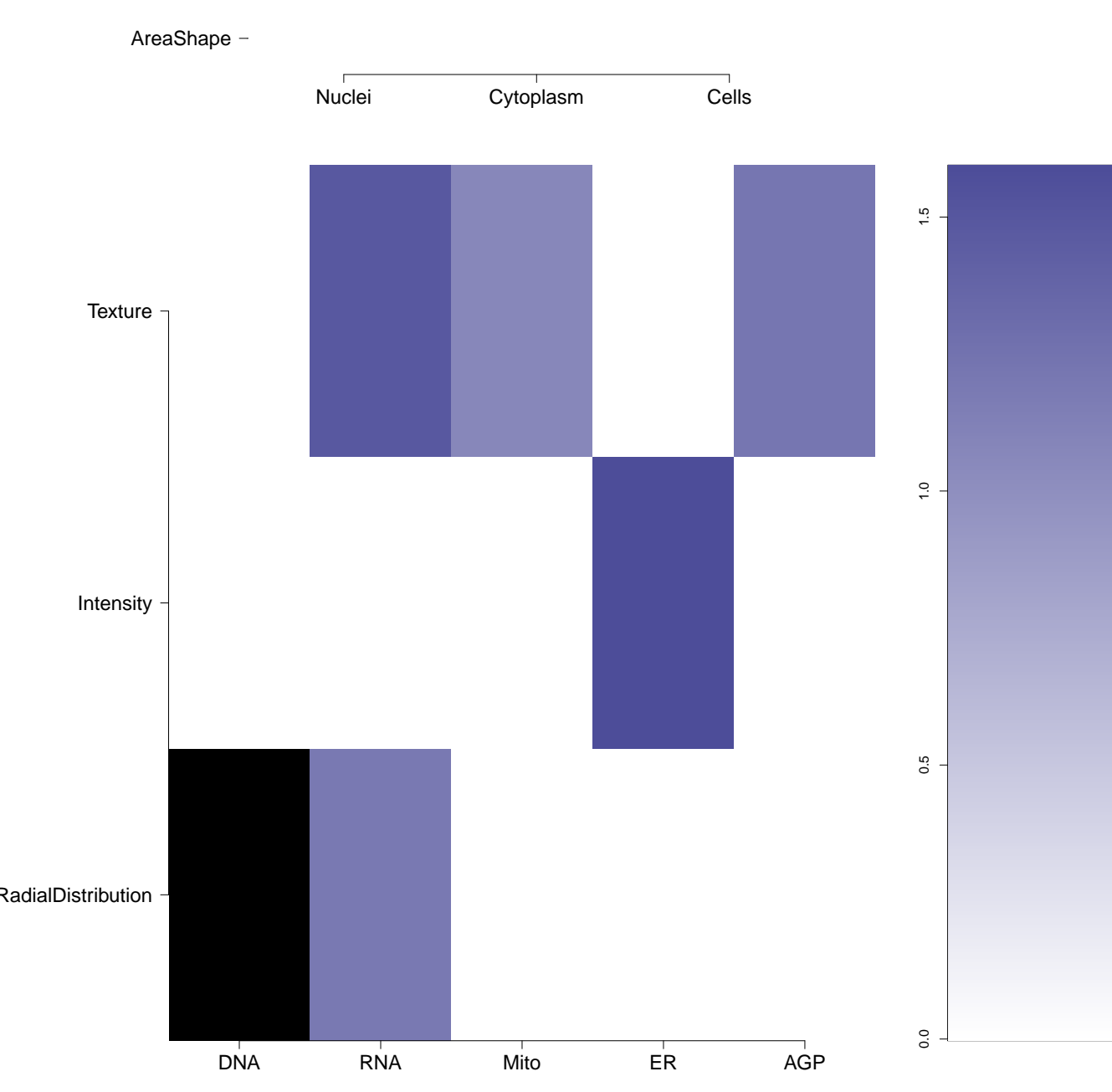
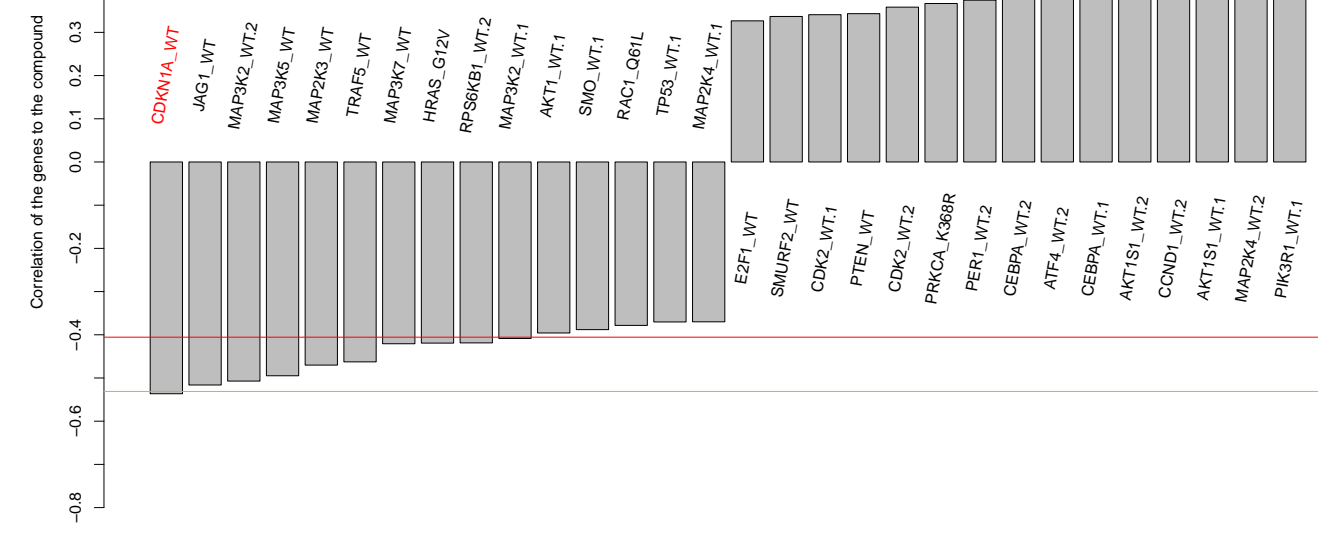
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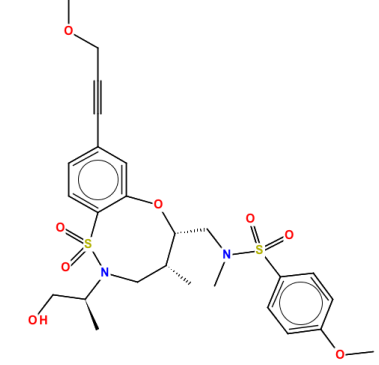
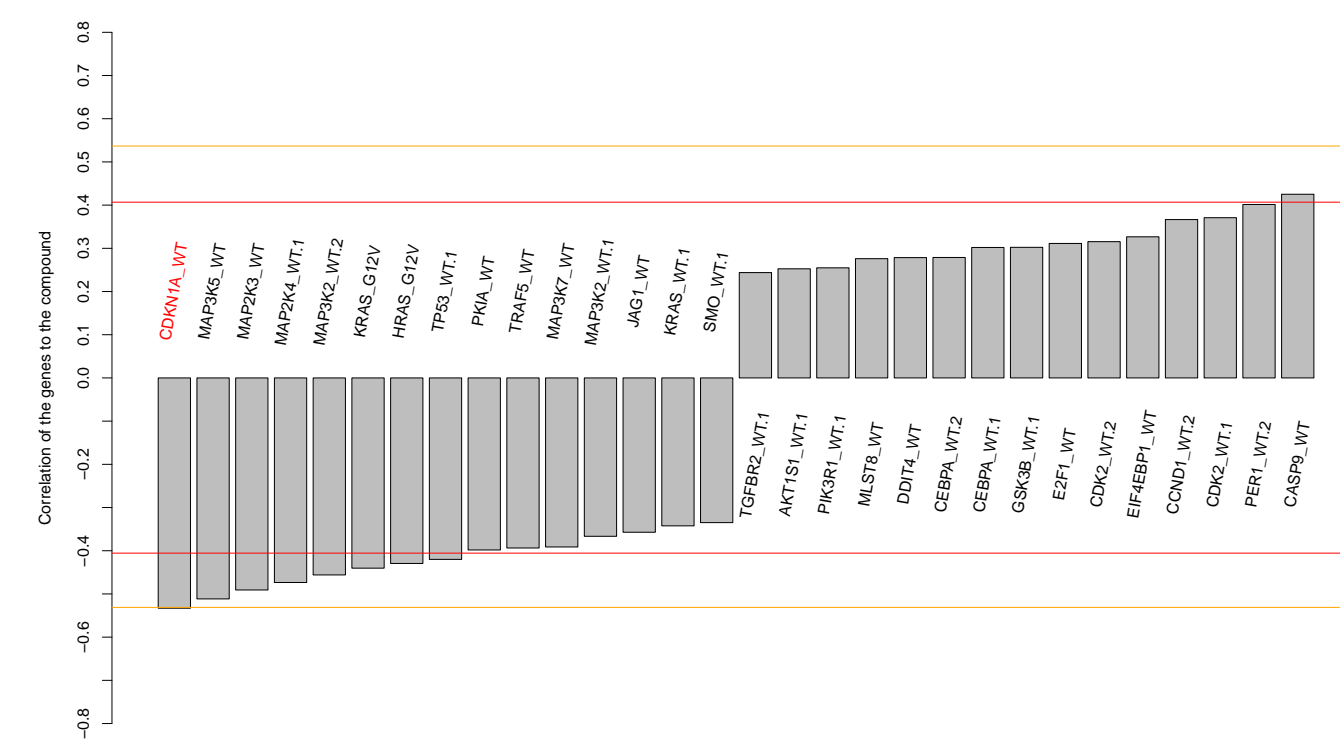
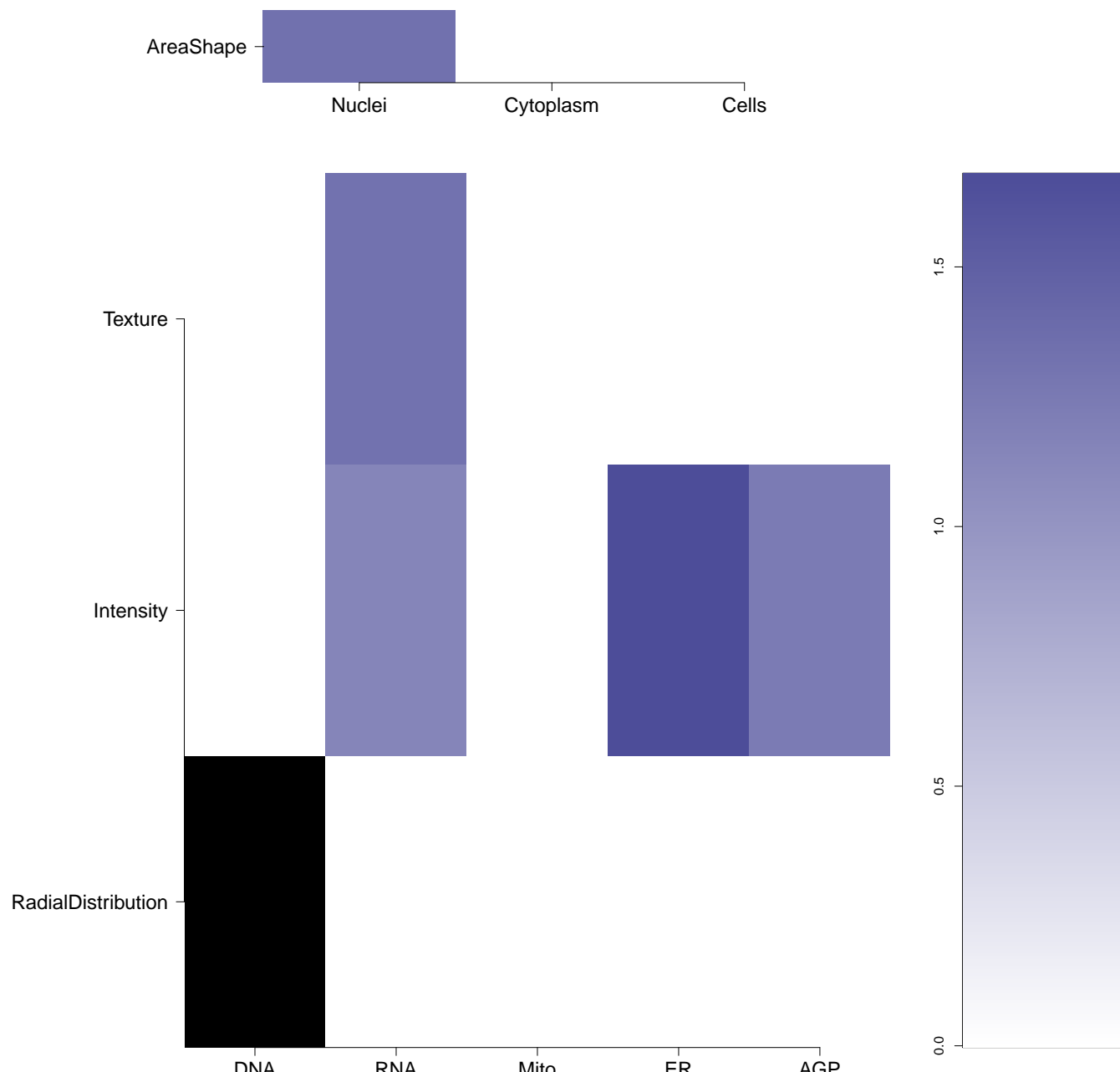
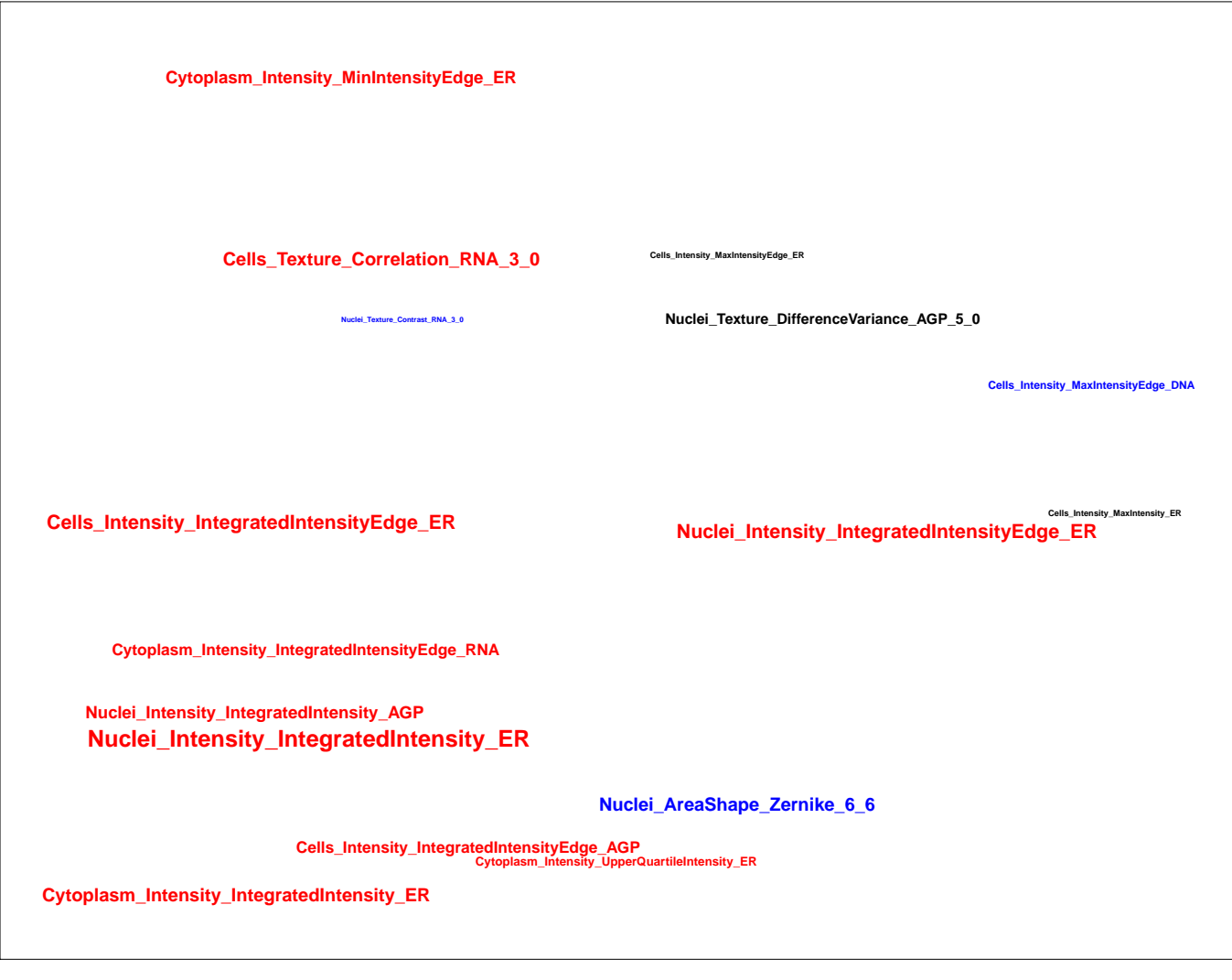
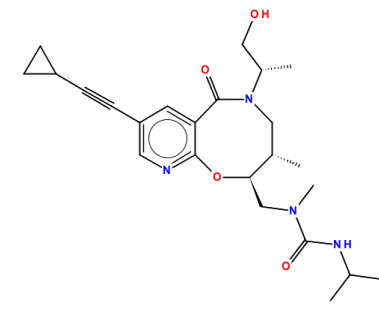
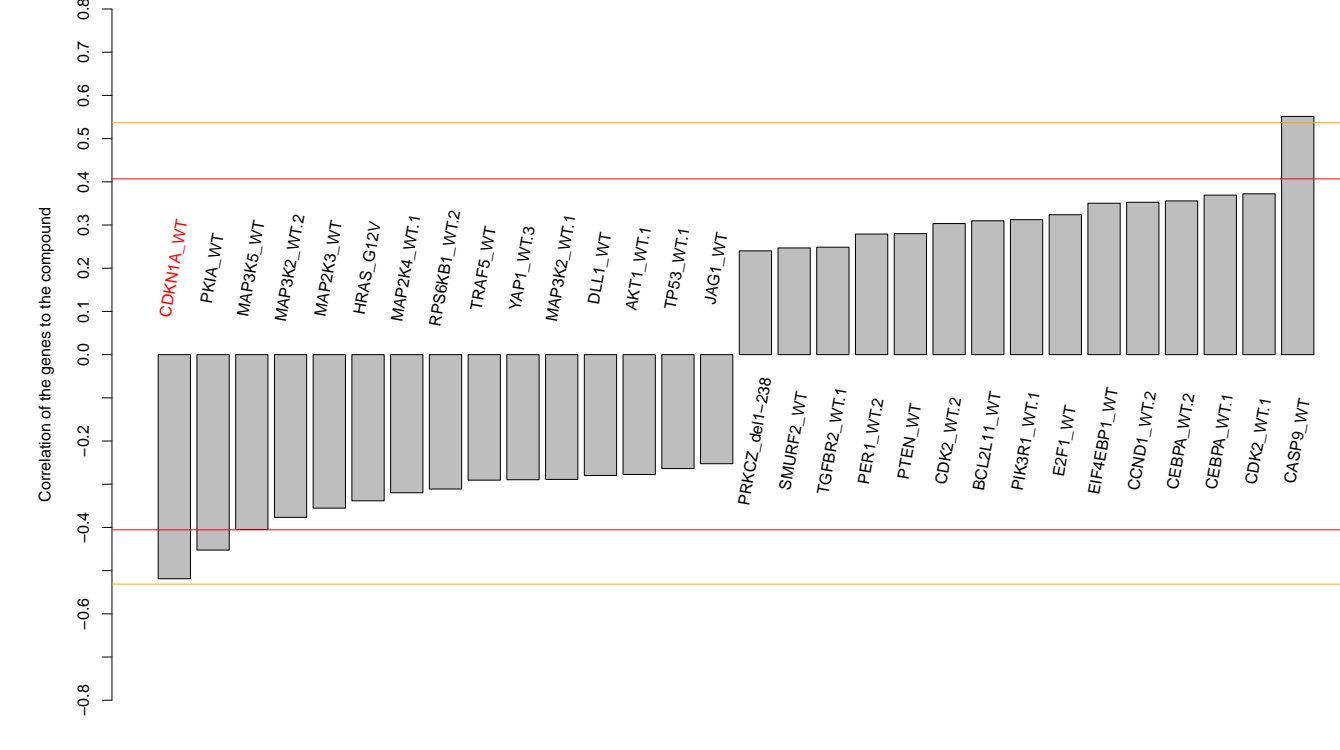
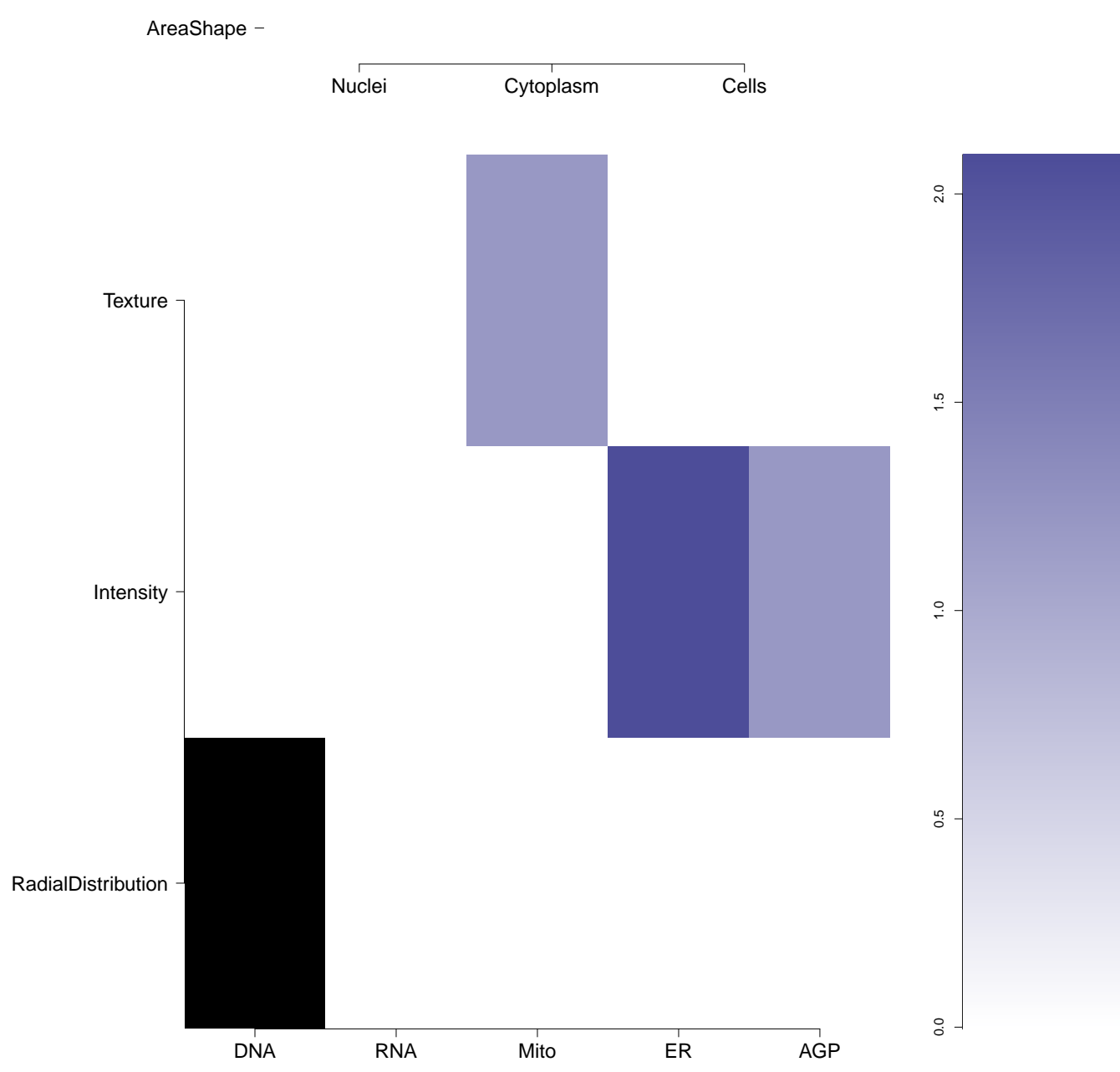
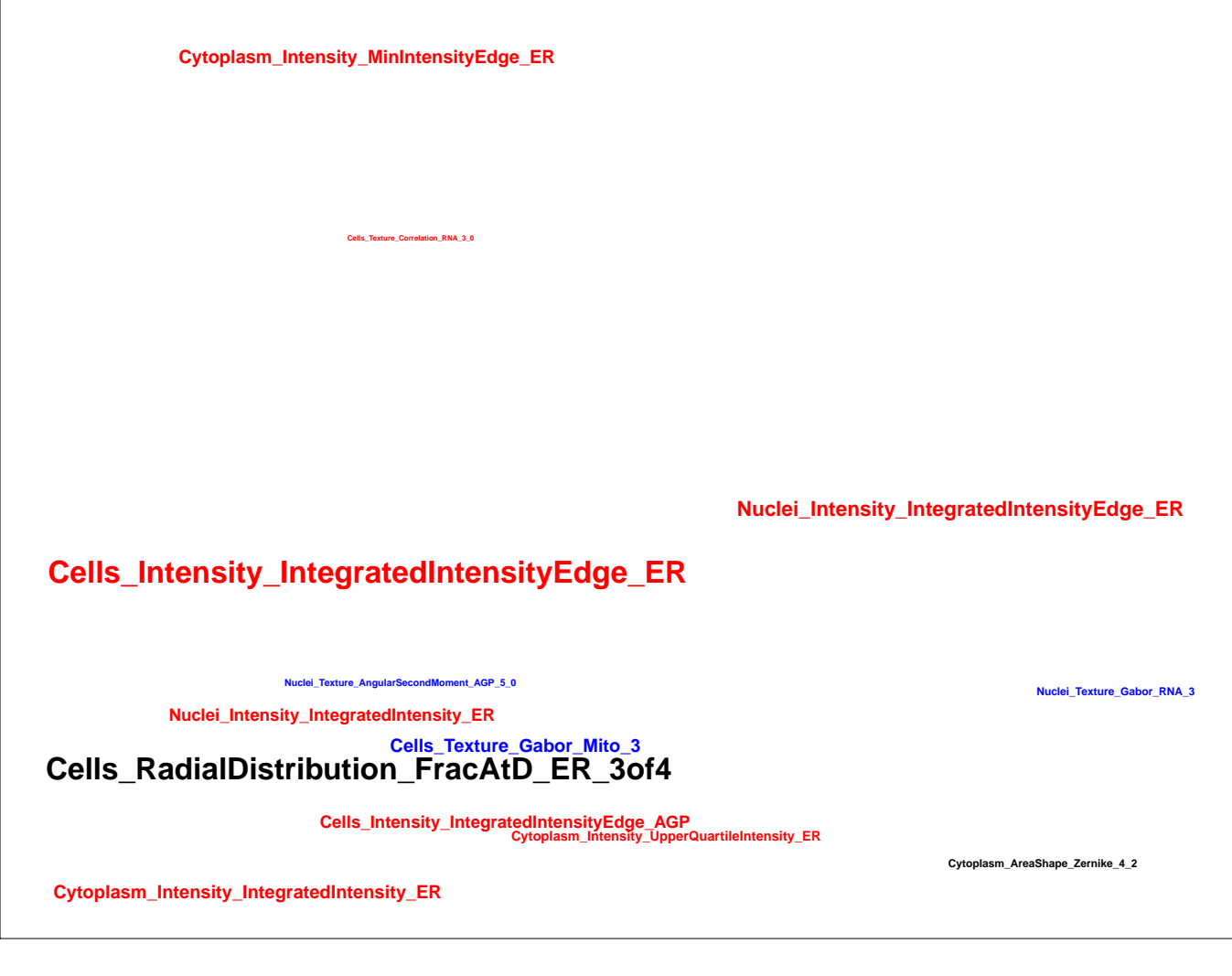
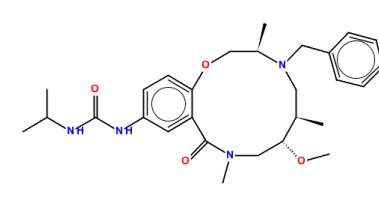
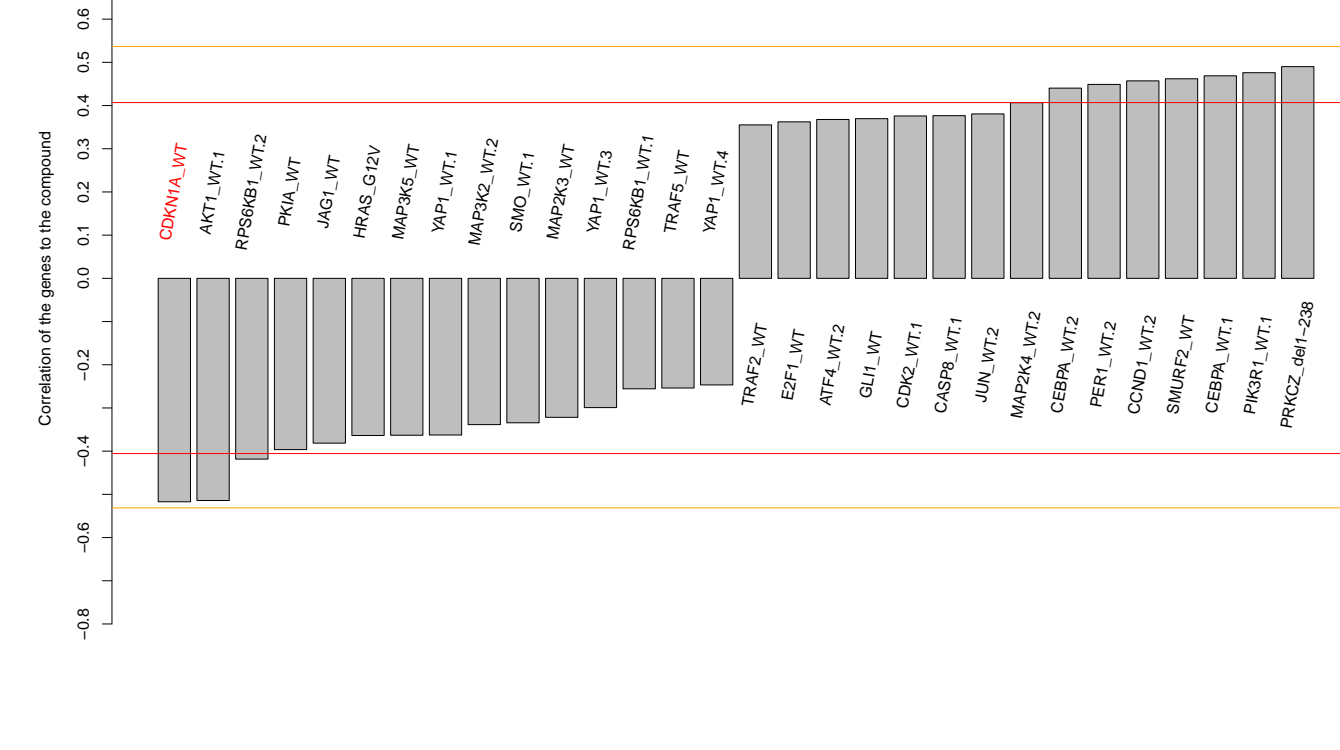
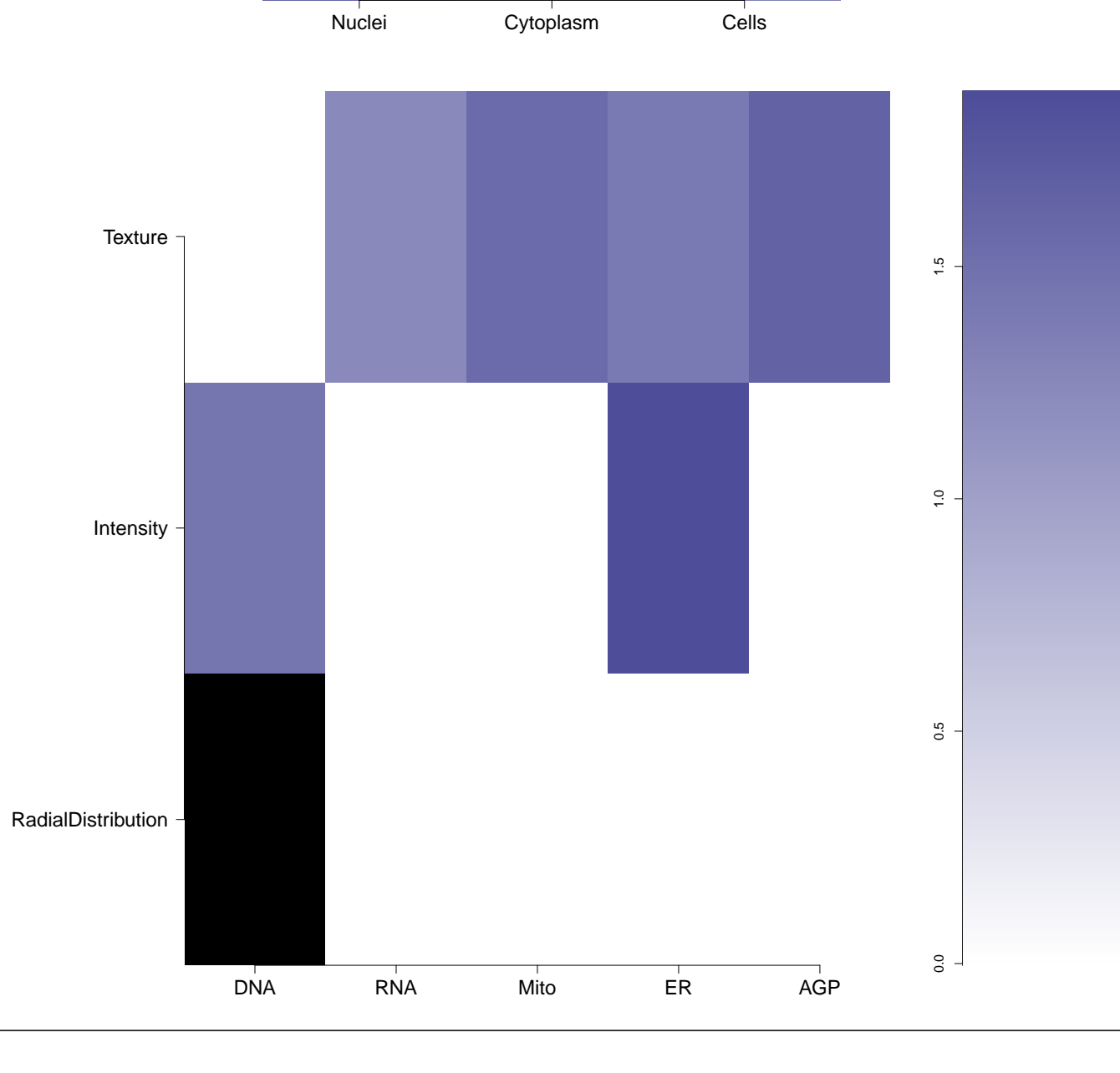
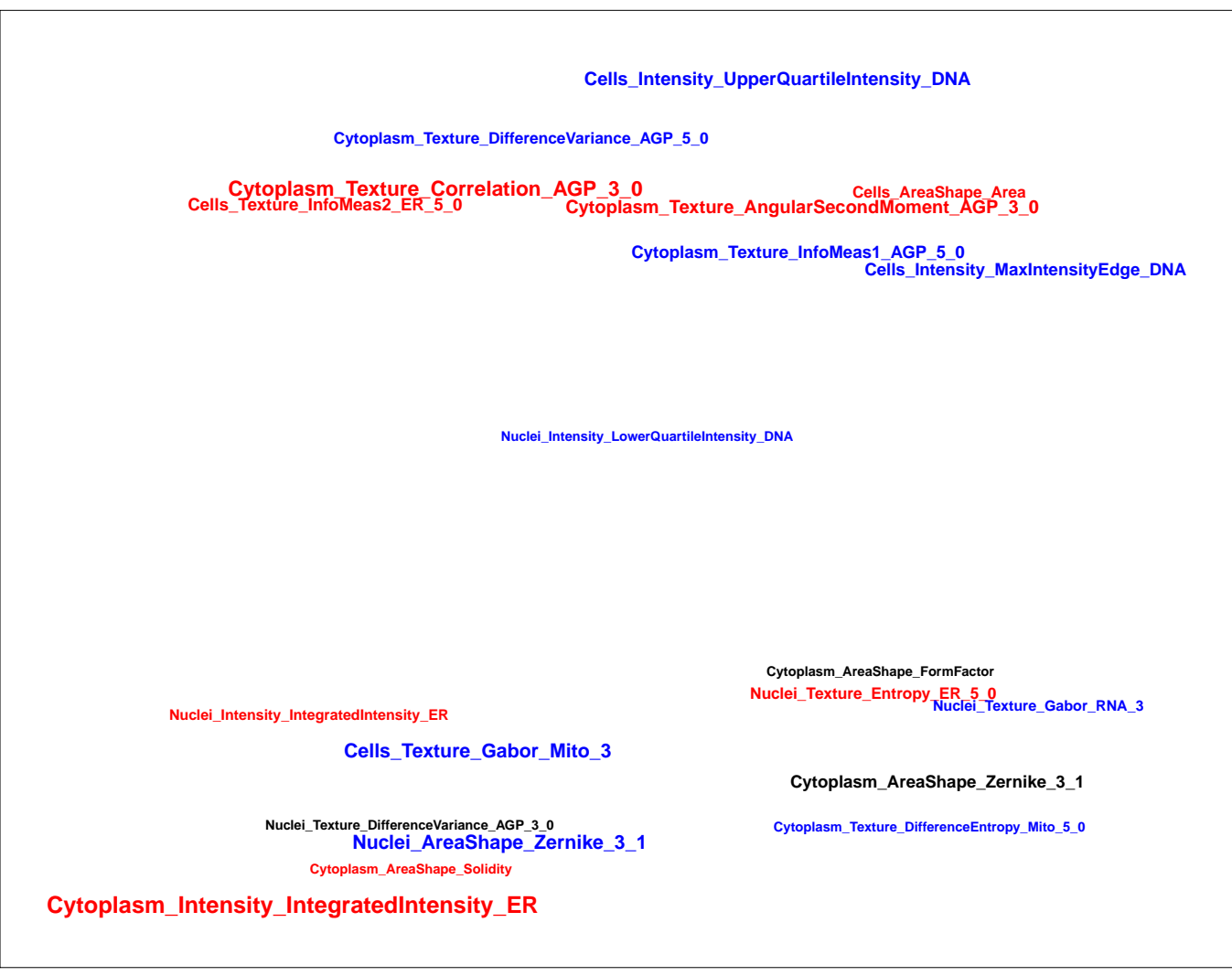
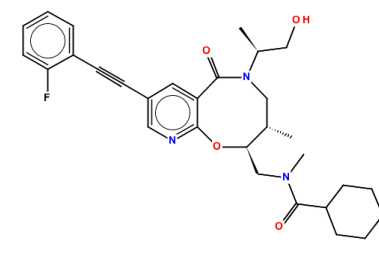
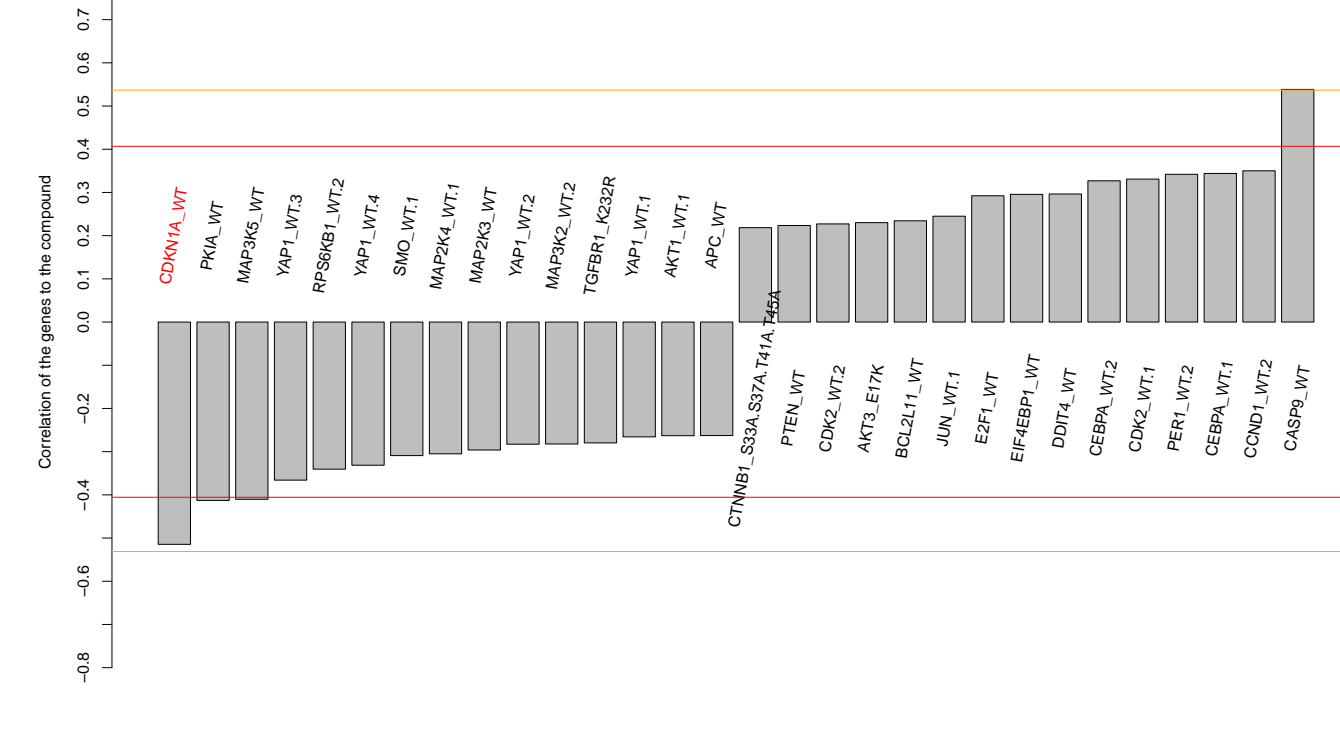
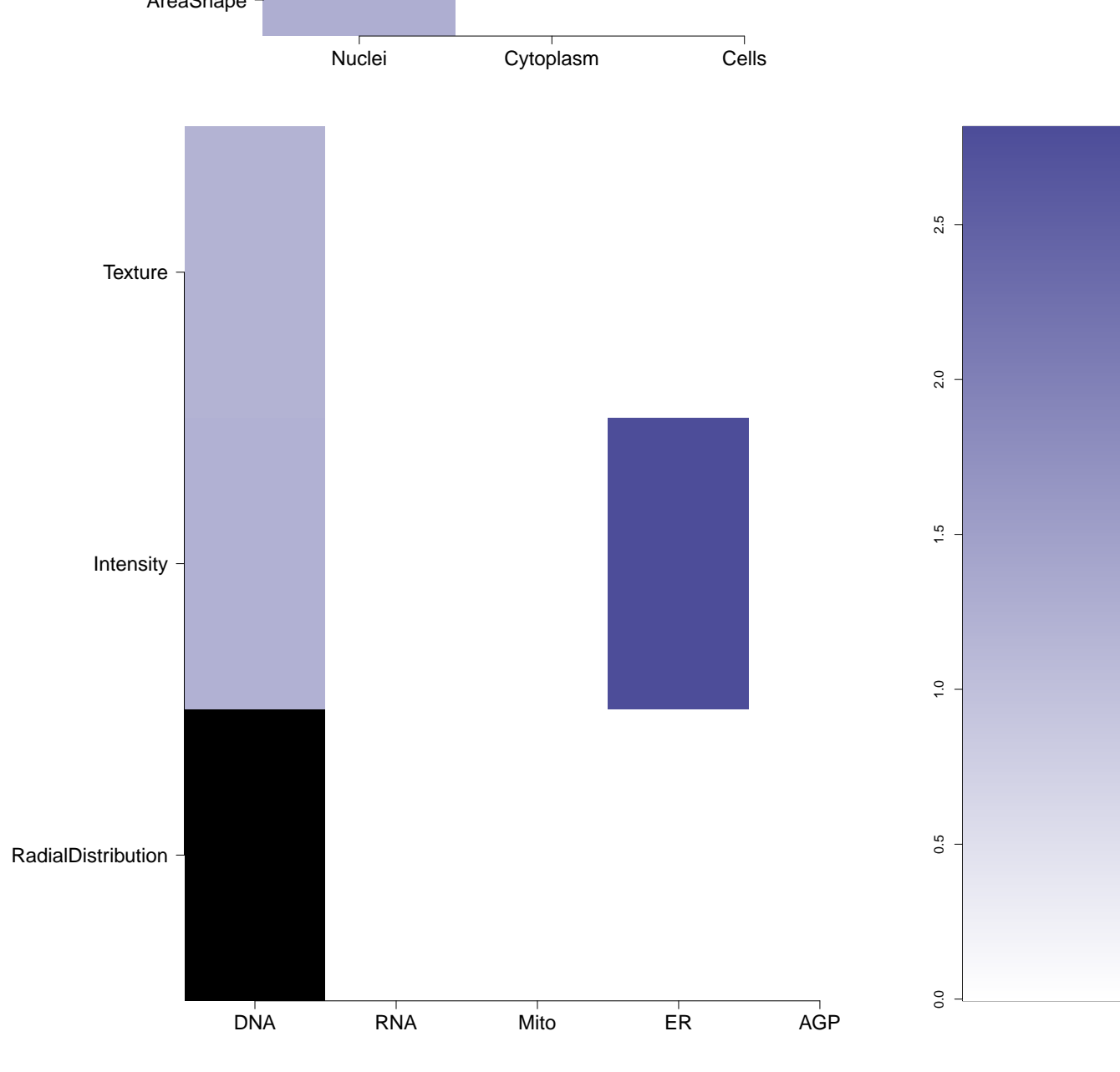
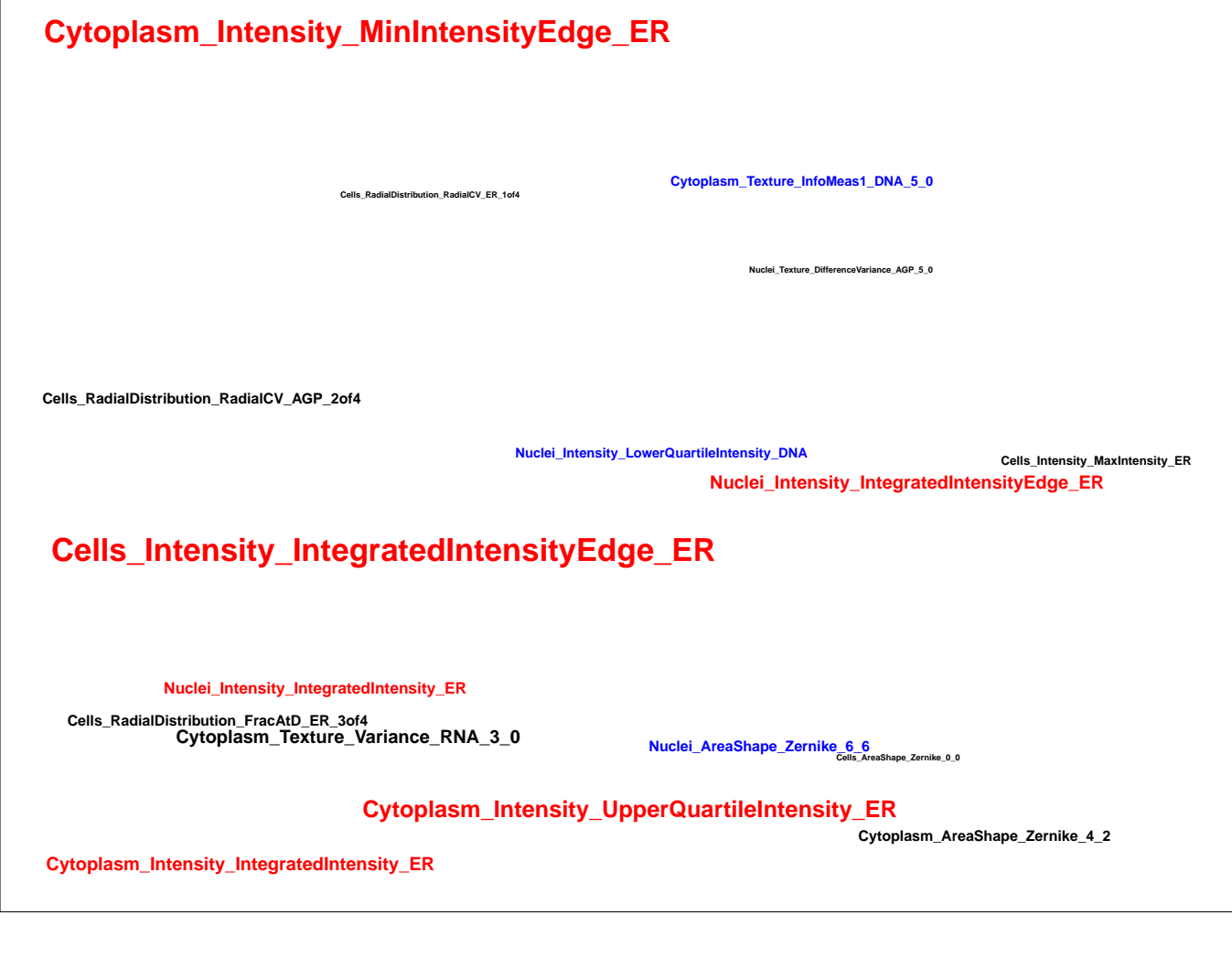
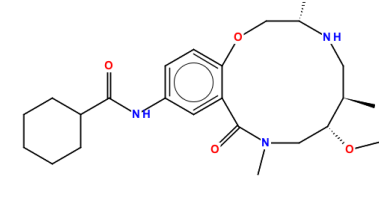
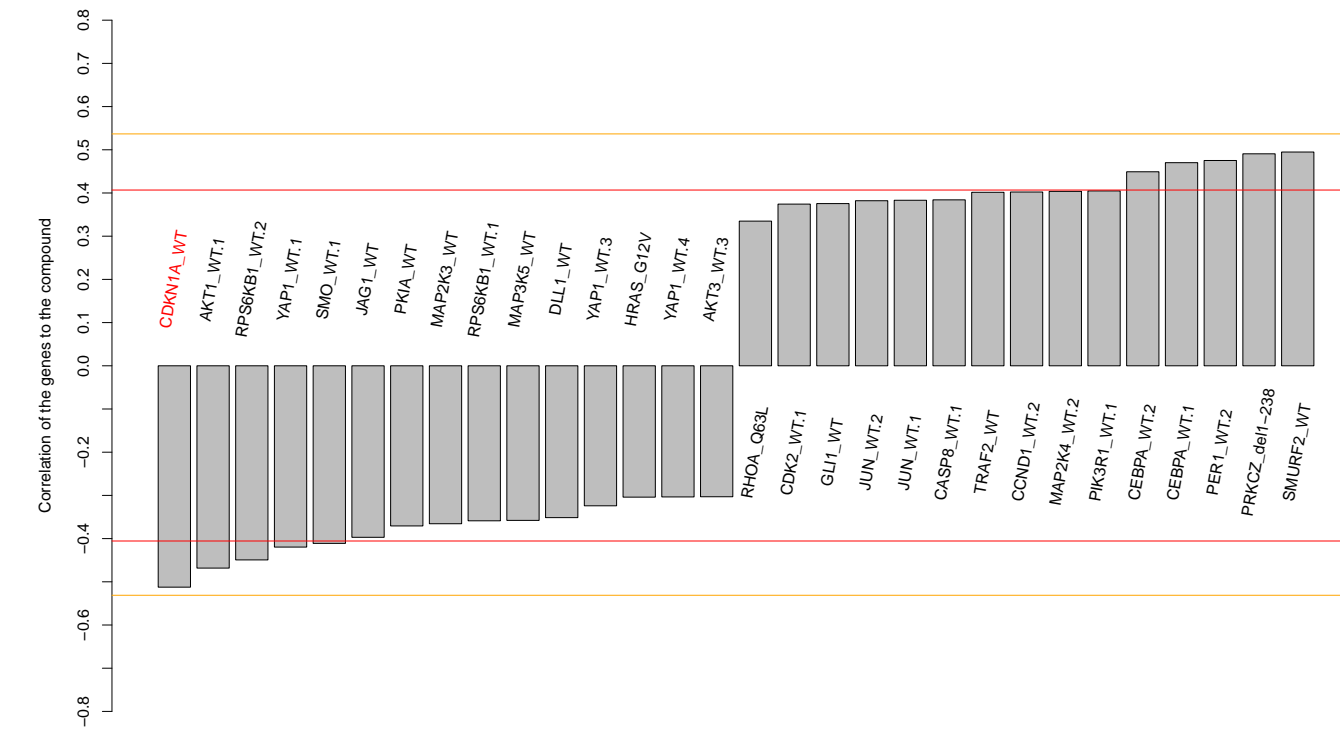
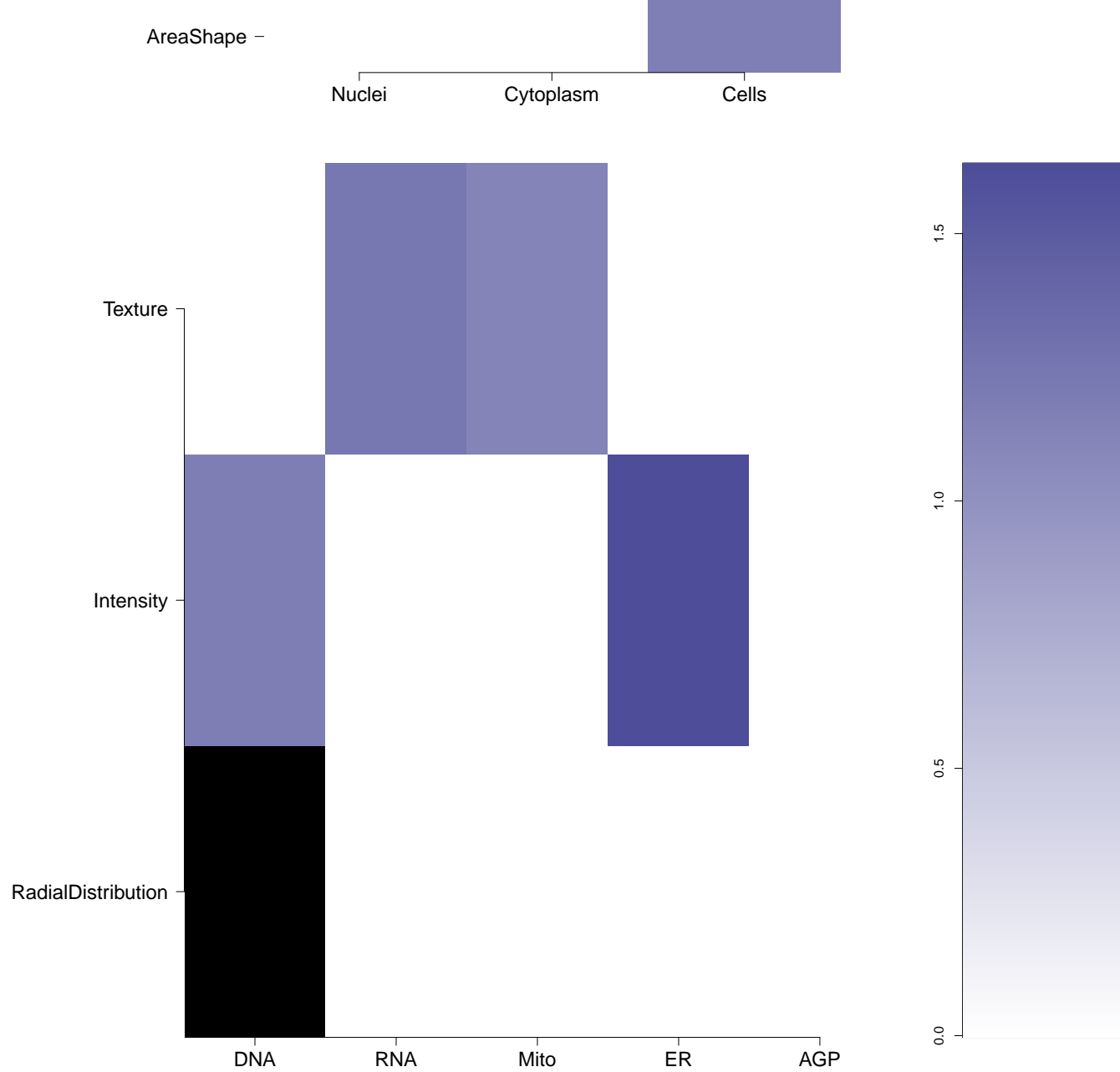
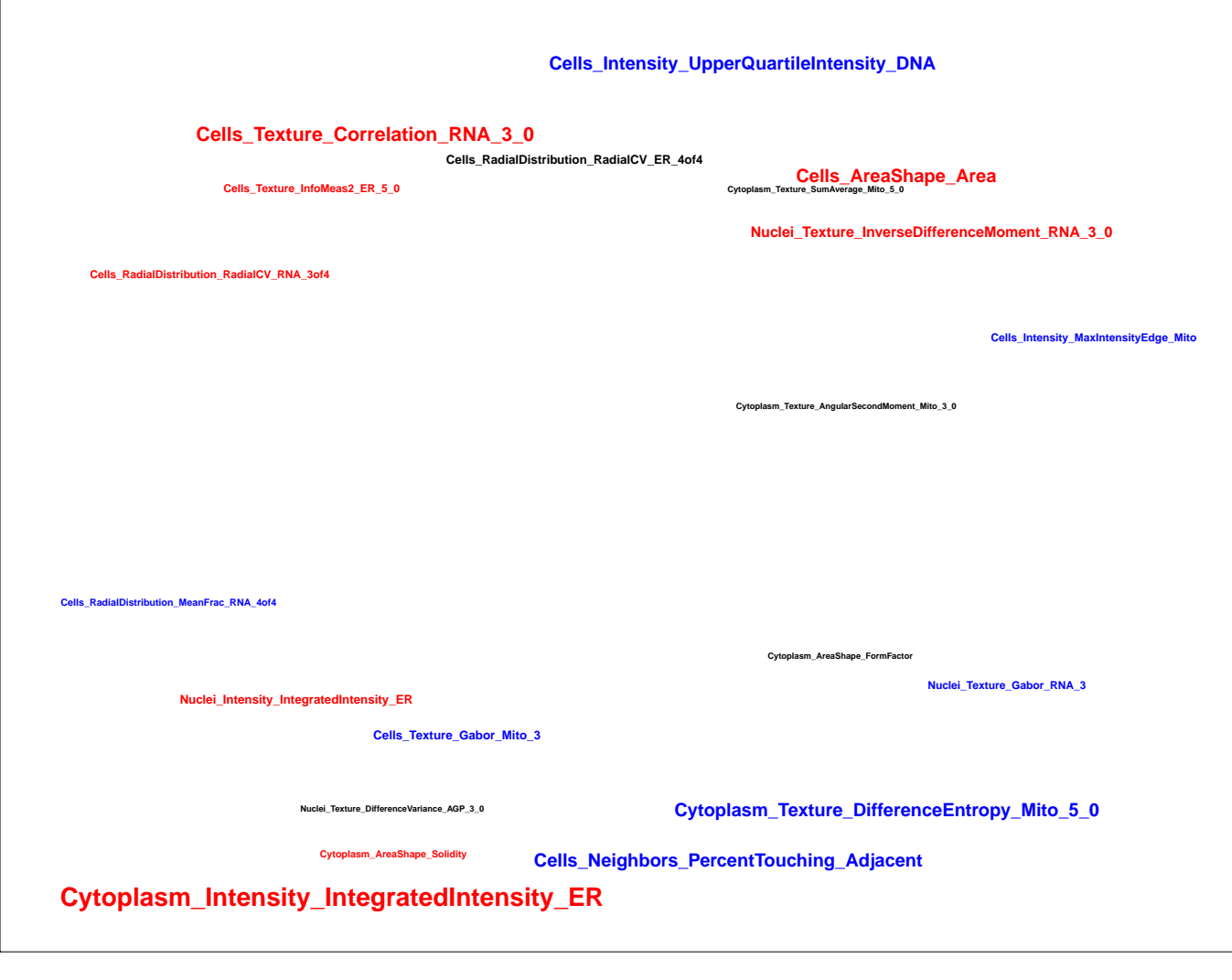
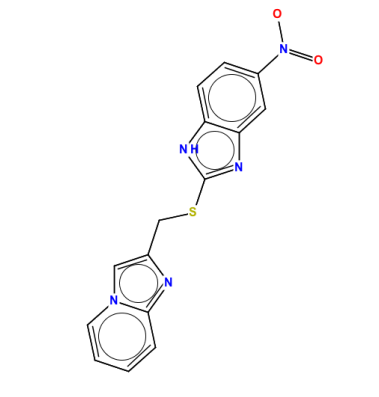
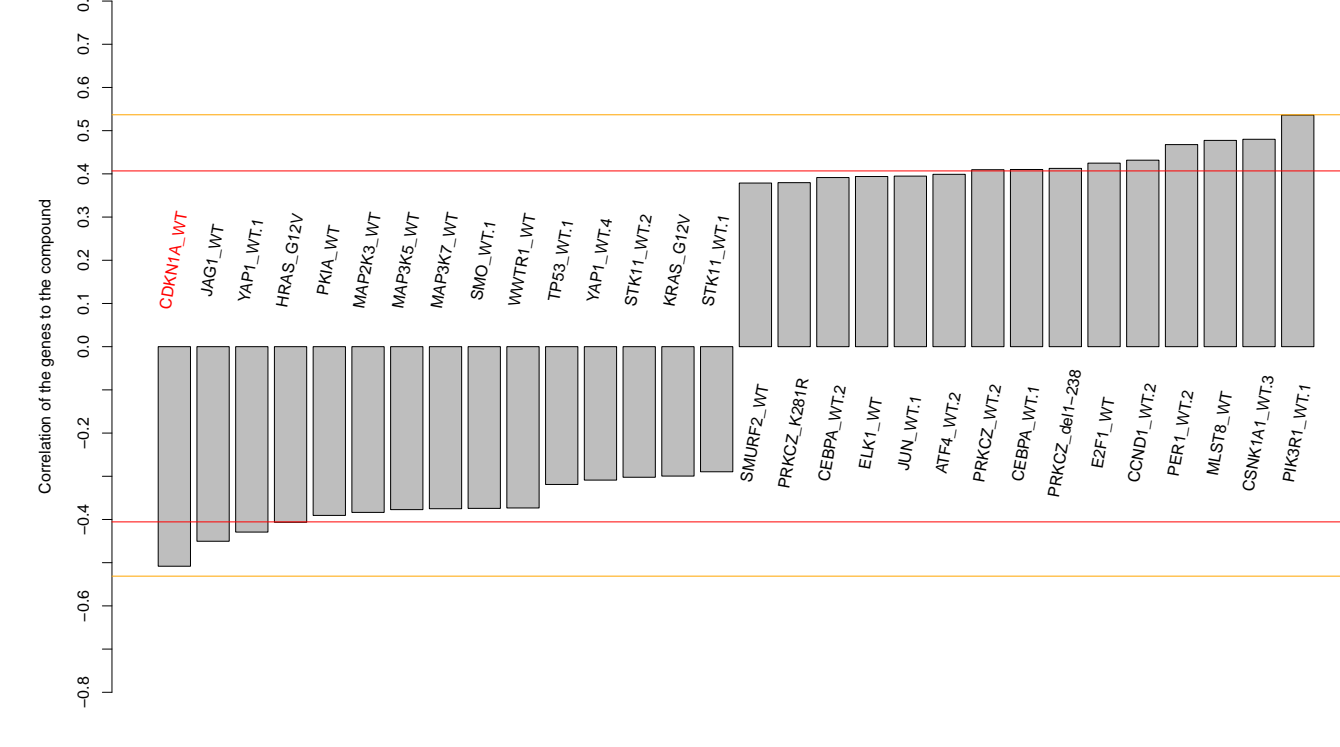
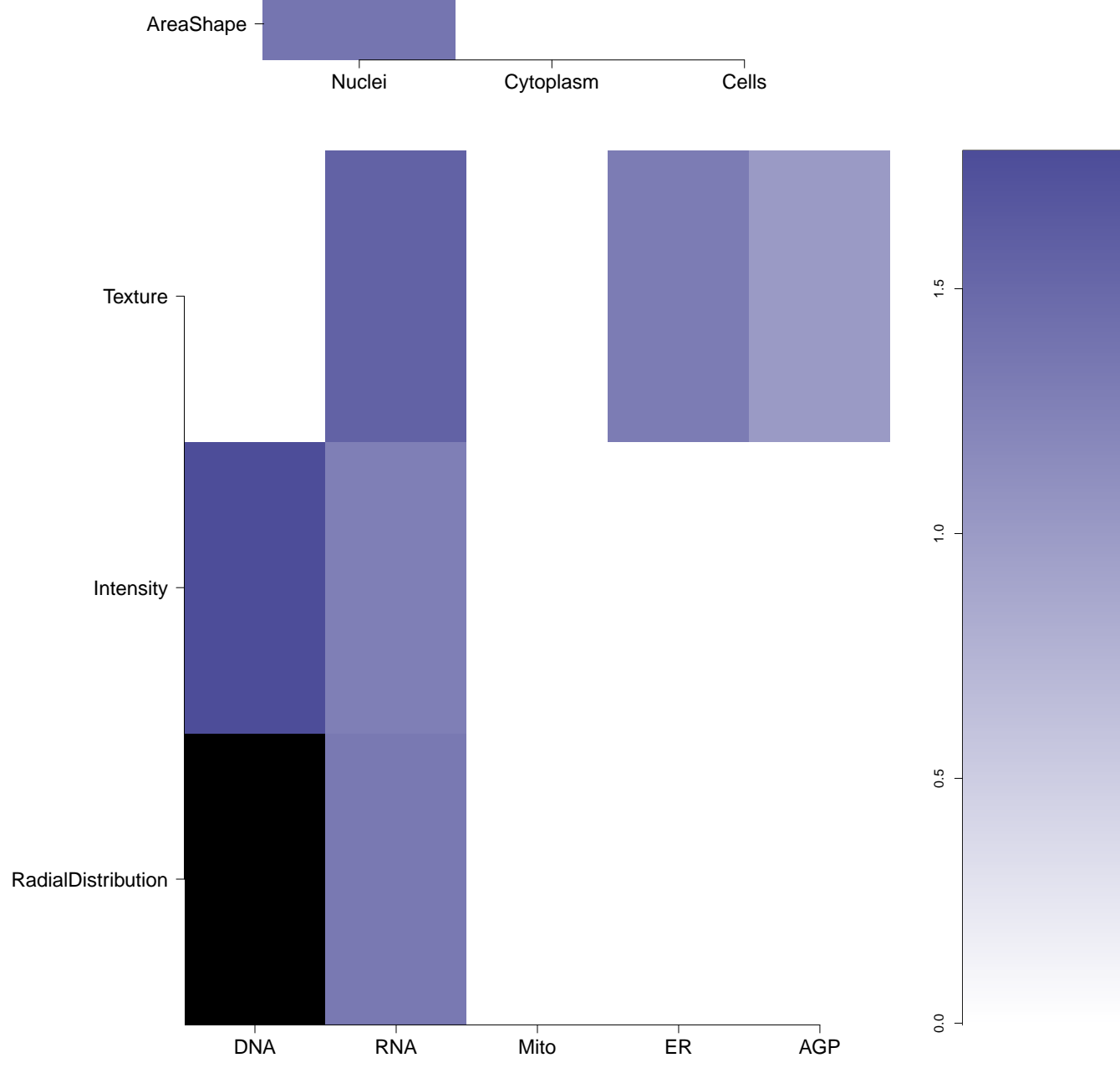
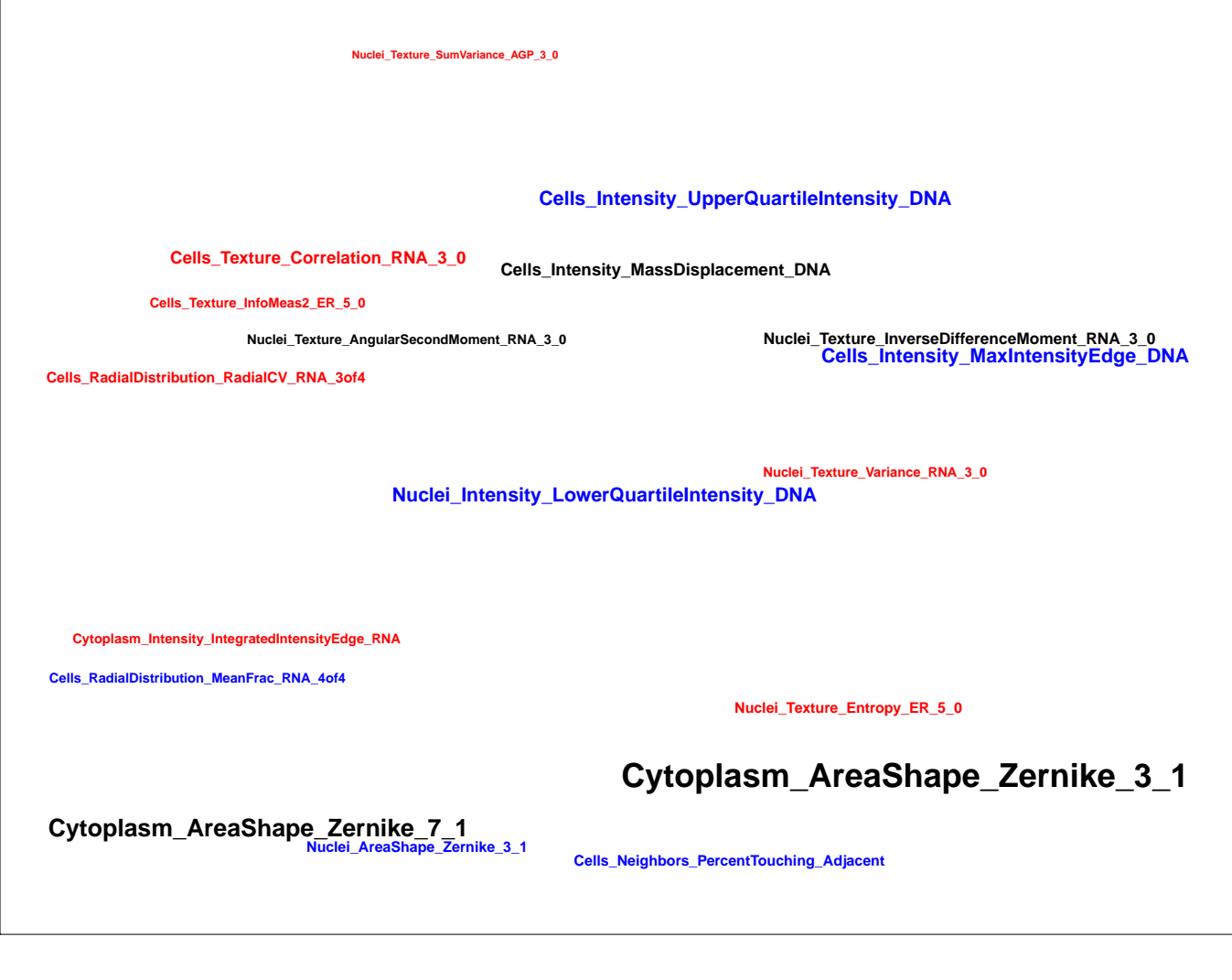
0.55 (in 4 replicates)

-0.54

NA

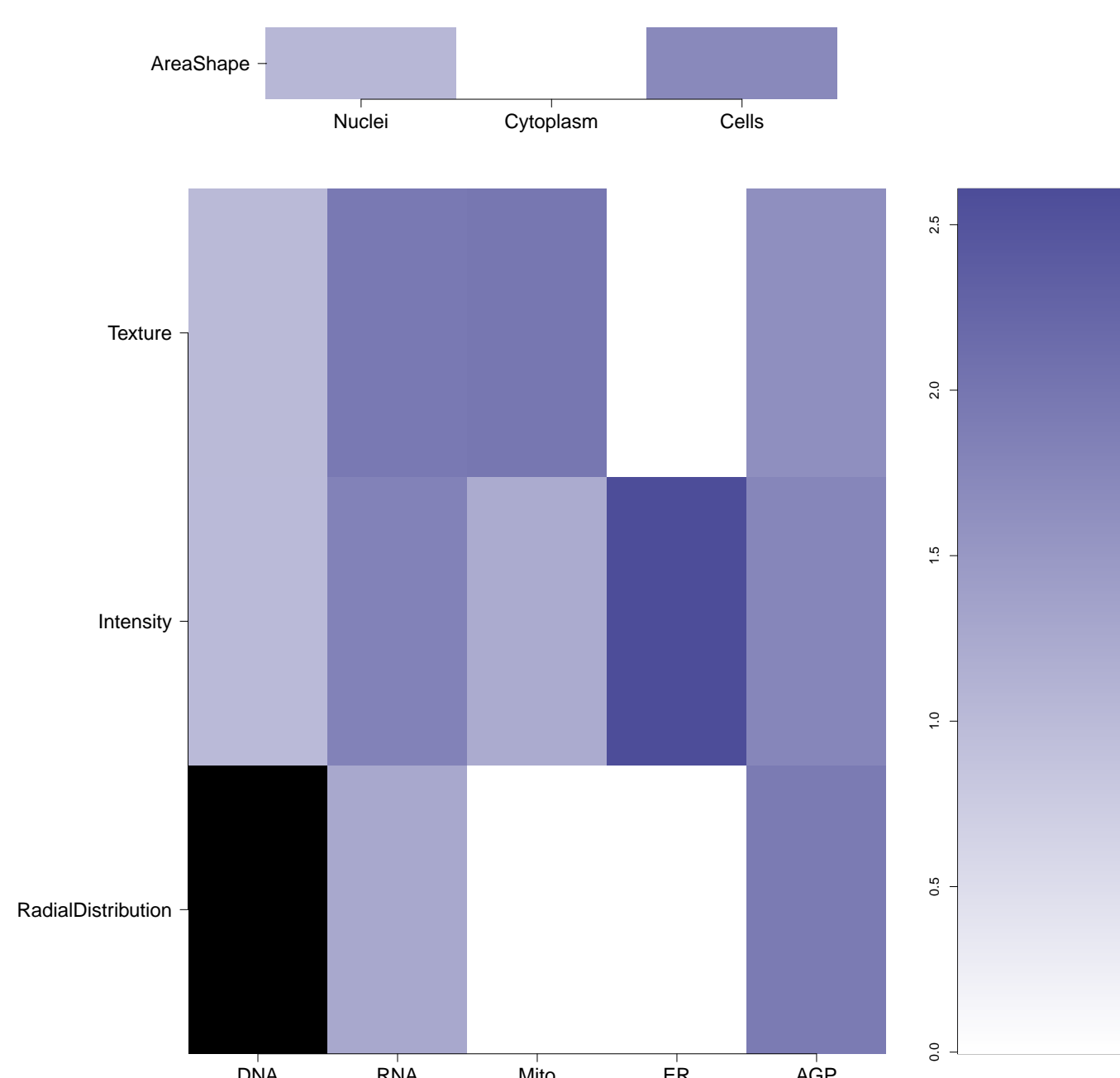
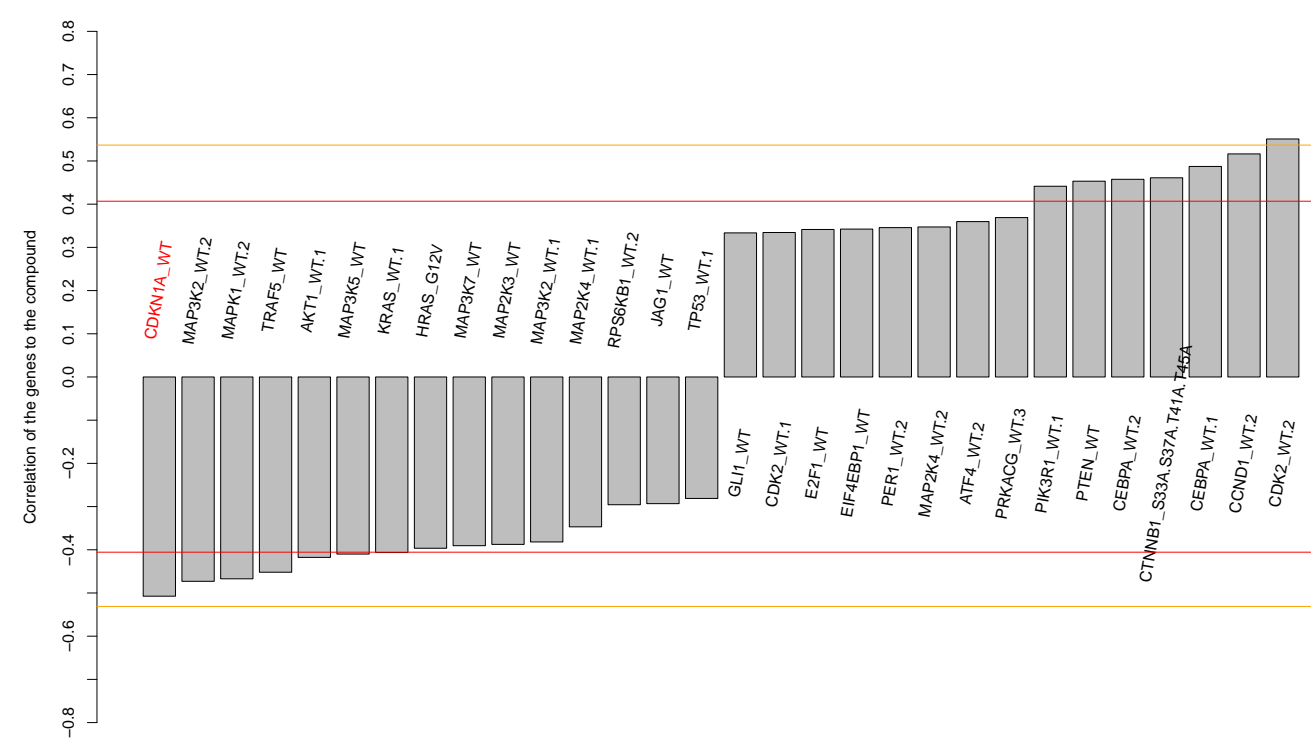


Total number of assays tested in: 36.

| | | | | | | | | |
|--|---|------------------------|-------|-------|--|---|---|---|
| BRD-K47272214-001-01-5 PubChem CID : 54618245 |  | 0.52 (in 4 replicates) | -0.53 | 0.362 |  |  |  | Total number of assays tested in: 35. |
| BRD-K61208213-001-01-1 PubChem CID : 54618549 |  | 0.56 (in 4 replicates) | -0.52 | 0.331 |  |  |  | Total number of assays tested in: 38. |
| BRD-K51179640-001-01-9 PubChem CID : 54632177 |  | 0.61 (in 4 replicates) | -0.52 | 0.872 |  |  |  | Total number of assays tested in: 38. |
| BRD-K24161447-001-01-6 PubChem CID : 54618557 |  | 0.67 (in 4 replicates) | -0.51 | 0.667 |  |  |  | Total number of assays tested in: 50. Active in the following assays: <ul style="list-style-type: none">• Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-06.Inhibitor.Dose.DryPowder.Activity.Set2 (AID 624361)• Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-05.Inhibitor.Dose.DryPowder.Activity.Set2 (AID 624369)• Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-01.Inhibitor.Dose.DryPowder.Activity.Set2 (AID 624376)• Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01.Activator.Dose.CherryPick.Activity (AID 651956)• Plasmodium falciparum Dd2 Sybr green parasite growth Measured in Cell-Based and Microorganism Combination System Using Plate Reader (AID 1139554) |
| BRD-K75037209-001-01-4 PubChem CID : 54632498 |  | 0.53 (in 4 replicates) | -0.51 | 0.811 |  |  |  | Total number of assays tested in: 35. |
| BRD-K42136676-001-05-9 AC1LJ3M9 MLS000588280 HMS2542120 ZINC5819375 STK361603 ZINC05819375 SMR000212094 EU-0073050 ST50807812 F1001-0013 PubChem CID : 916344 |  | NA (in 1 replicates) | -0.51 | NA |  |  |  | Total number of assays tested in: 654. Active in the following assays: <ul style="list-style-type: none">• qHTS Assay for Modulators of miRNAs and/or Inhibitors of miR-21 (AID 2289)• Elucidation of physiology of non-replicating, drug-tolerant Mycobacterium tuberculosis (AID 488890)• qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332)• Luminescence-based biochemical primary high throughput screening assay to identify inhibitors of Trypanosoma brucei methionyl tRNA synthetase (MetRS) (AID 624268)• Luminescence-based biochemical high throughput confirmation assay for inhibitors of Trypanosoma brucei methionyl tRNA synthetase (MetRS) (AID 624412)• Fluorescent Polarization-based biochemical high throughput orthogonal assay for inhibitors of Trypanosoma brucei methionyl tRNA synthetase (MetRS) (AID 651607)• HTS for PAX8 inhibitors using PAX8 luciferase reporter gene assay in RMG-1 cells Measured in Cell-Based System Using Plate Reader - 7054-01.Inhibitor.SinglePoint.HTS.Activity (AID 652154) |

-0.51

NA



Total number of assays tested in: 557. Active in the following assays:

- qHTS Assay for Antagonists of the Neurotrophic S Receptor: cAMP Signal Transduction (AID 1461)
- Primary cell-based high-throughput screening assay for identification of compounds that inhibit KCNQ2 potassium channels (AID 2156)
- qHTS Assay for Lipid Storage Modulators in *Drosophila* S3 Cells (AID 2685)
- Luminescence Cell-Based Dose Retest to Confirm Inhibitors of Cancer Stem Cells (AID 449748)
- Dose Response HTS Screen to Identify Cytotoxic Compounds of HMLE.sh.cGFP (AID 463074)
- qHTS identification of small molecule inhibitors of timt01 yeast via a luminescent assay (AID 463190)
- qHTS identification of small molecule inhibitors of timt01 yeast via a luminescent assay (AID 463195)
- qHTS identification of small molecule inhibitors of timt23-1 yeast via a luminescent assay (AID 463212)
- Single concentration confirmation of small molecule inhibitors of timt01-1 yeast via a luminescent assay (AID 463213)
- Single concentration confirmation of small molecule inhibitors of timt01 yeast via a luminescent assay (AID 463215)
- Single concentration confirmation of small molecule inhibitors of timt23-1 yeast via a luminescent assay (AID 463218)
- qHTS for identification of Inhibitors of Mdm2/MdmX interaction in luminescent format (AID 485346)
- Single concentration confirmation of qHTS for inhibition of Mdm2/MdmX interaction in luminescent format (AID 489088)
- Single concentration confirmation of inhibitors of Mdm2/MdmX interaction using a Full-Length Luciferase Cointerscreen assay (AID 504607)
- Single concentration confirmation of inhibitors of Mdm2/MdmX interaction using a Breal/Bral BiLC Cointercreen assay (AID 504668)
- Primary qHTS for delayed death inhibitors of the malarial parasite placid, 48 hour incubation (AID 504832)
- Primary cell-based high-throughput screening for identification of compounds that inhibit black calcium-activated chloride channels (TMEM16A) (AID 585511)
- qHTS Fluorescence Polarization (FP) Assay for Inhibitors of MILL CXXC domain - DNA interaction: Fluorescein FP (AID 621460)
- qHTS for Inhibitors of ATXN expression (AID 651635)
- qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase-1 (TDP1): qHTS in cells in presence of CPT (AID 686979)