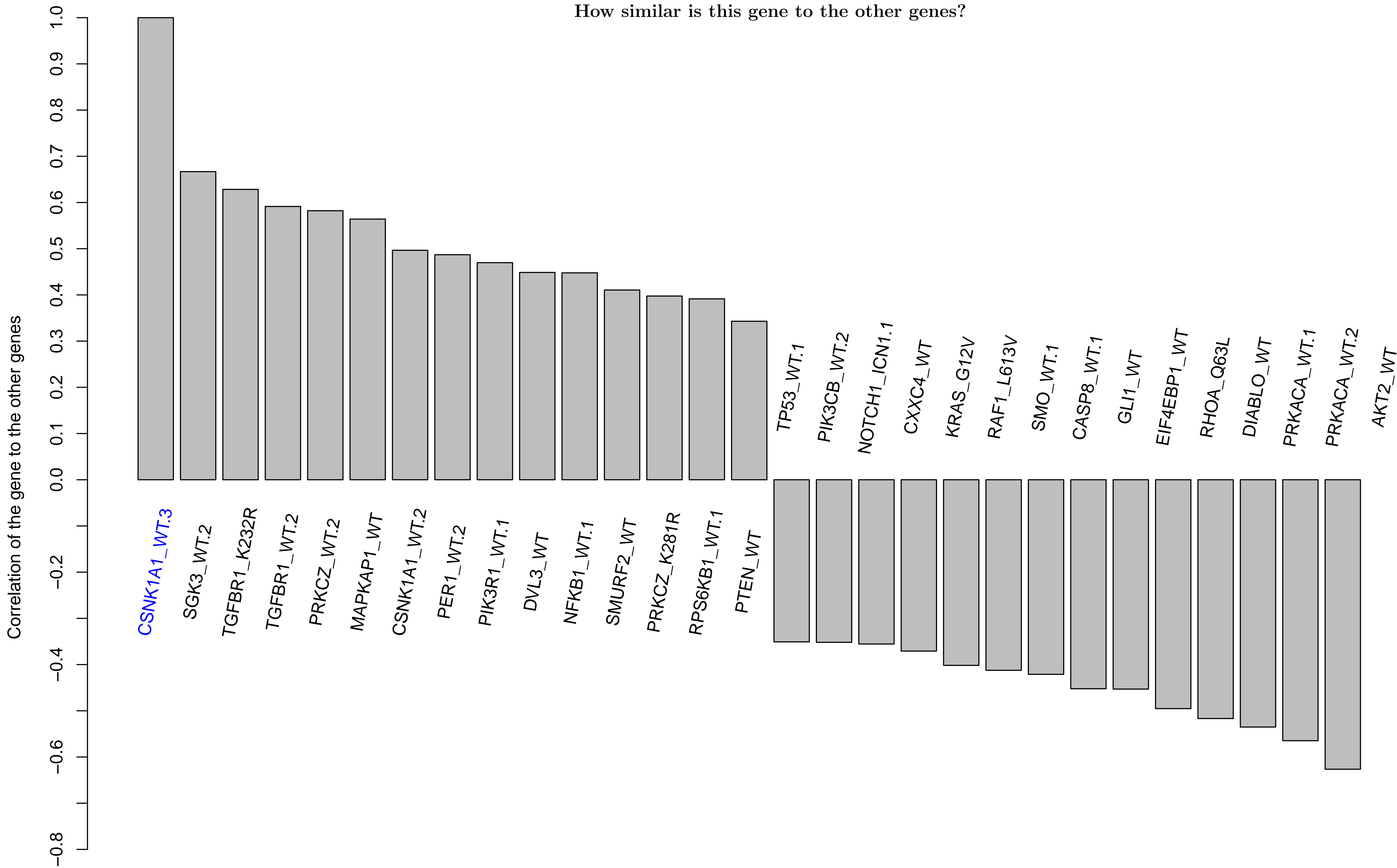
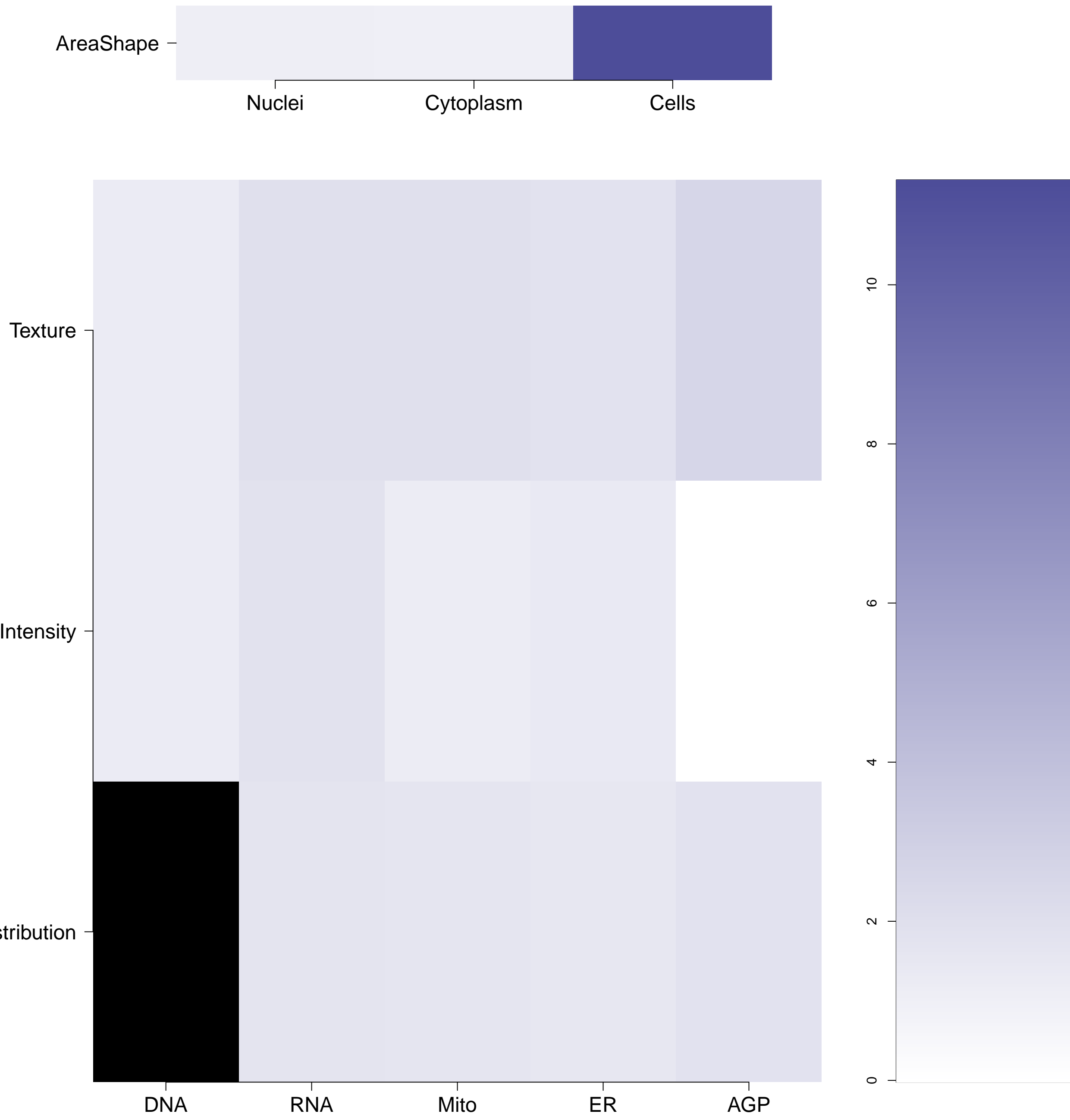


CSNK1A1.WT.3 - in Canonical WNT

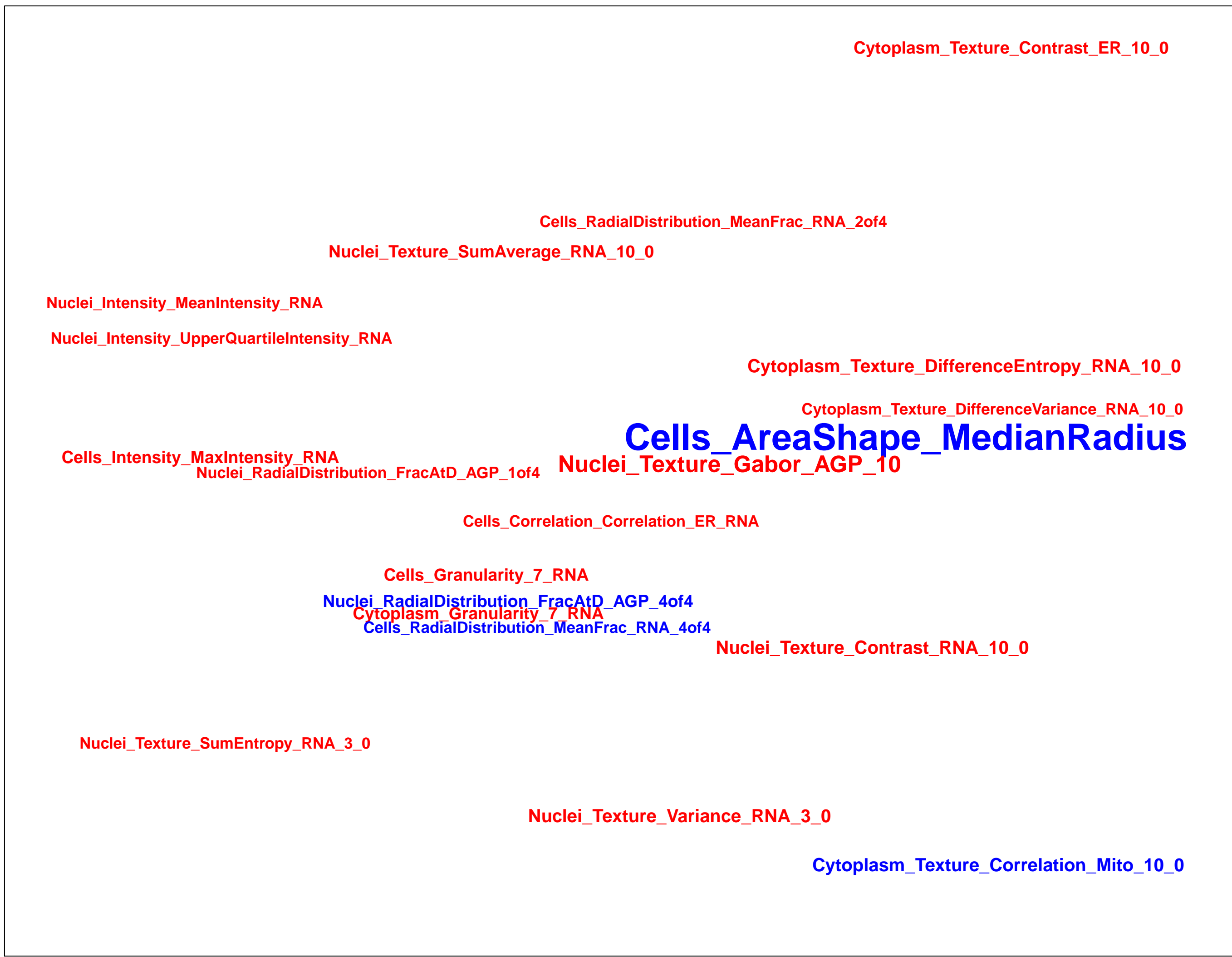
How similar is this gene to the other genes?



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

CSNK1A1.WT.3 (41744)

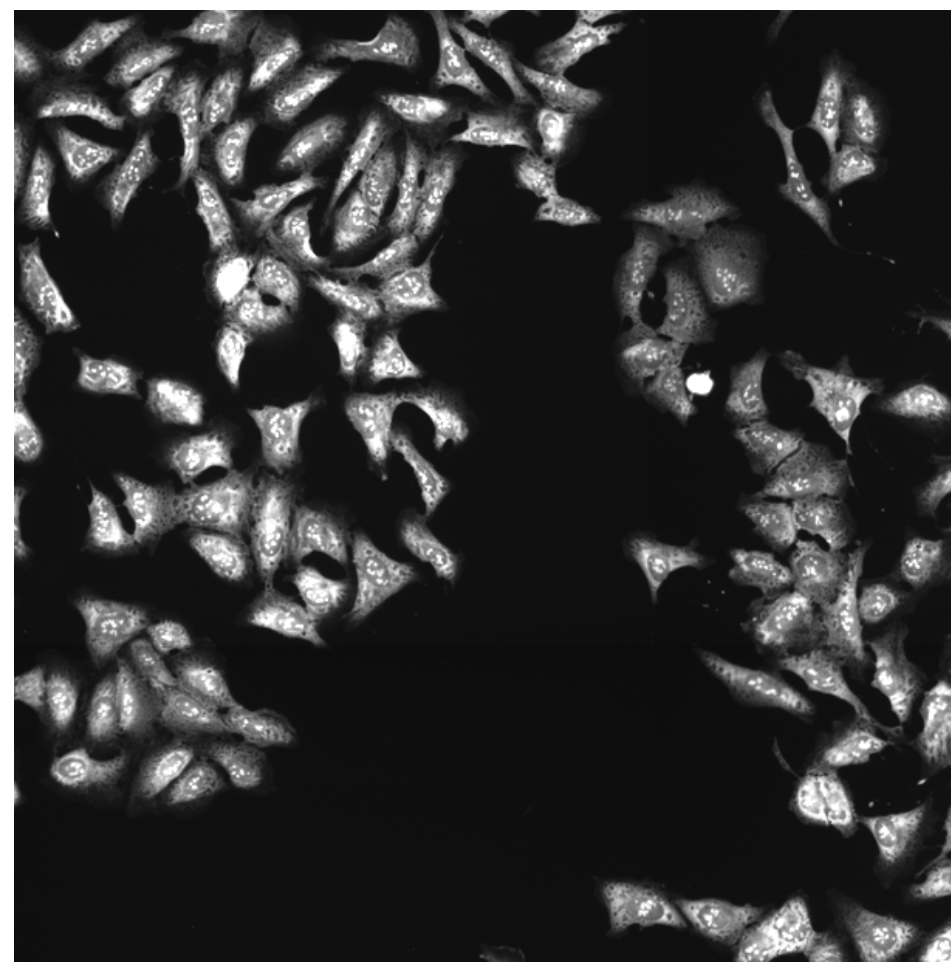
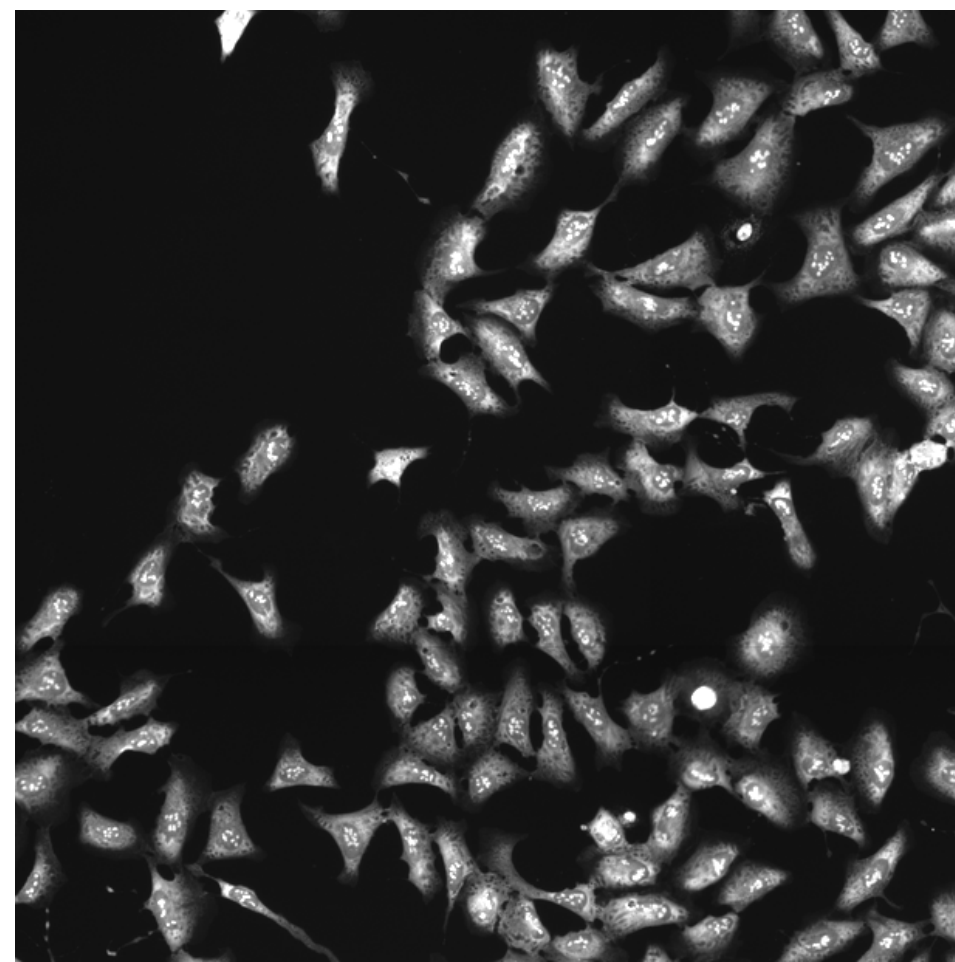
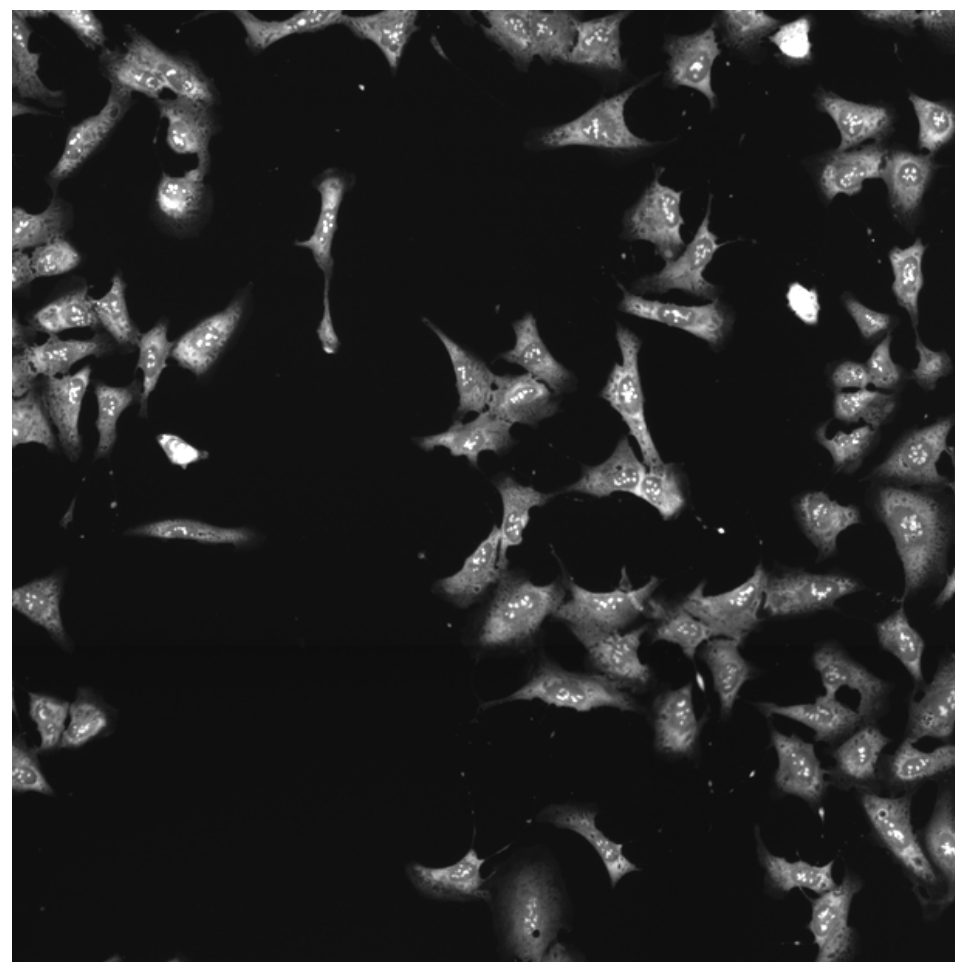
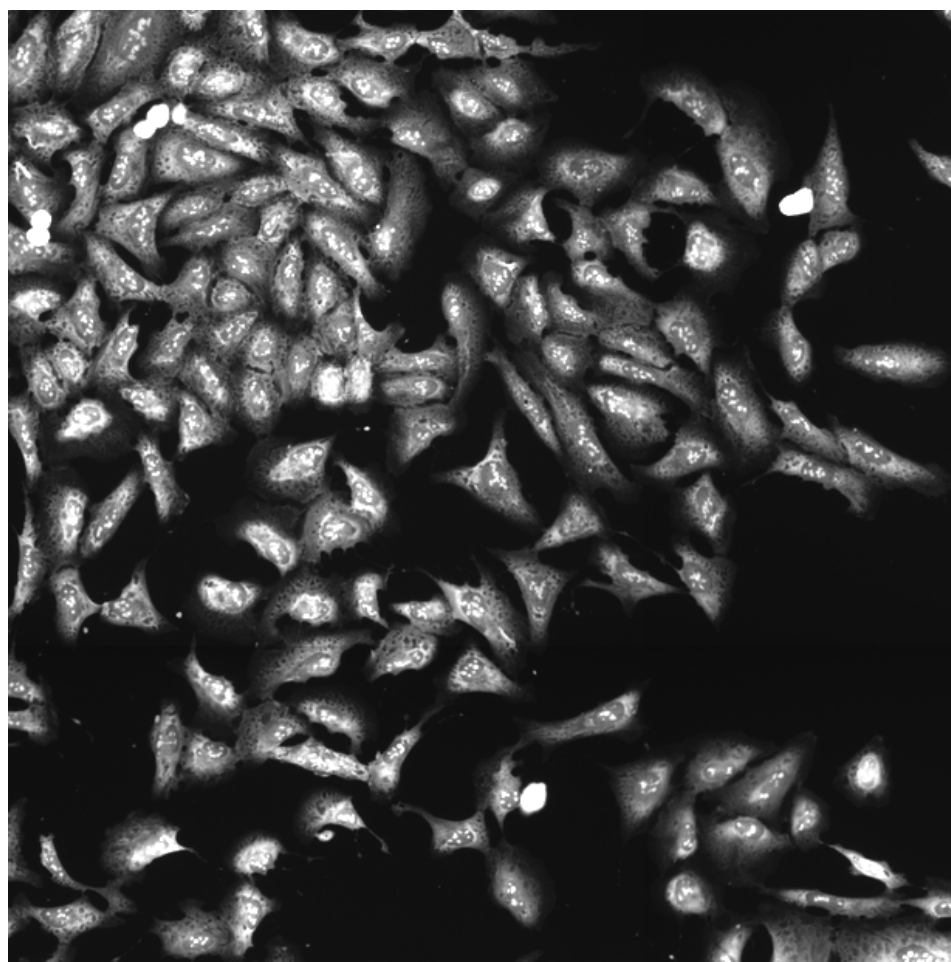
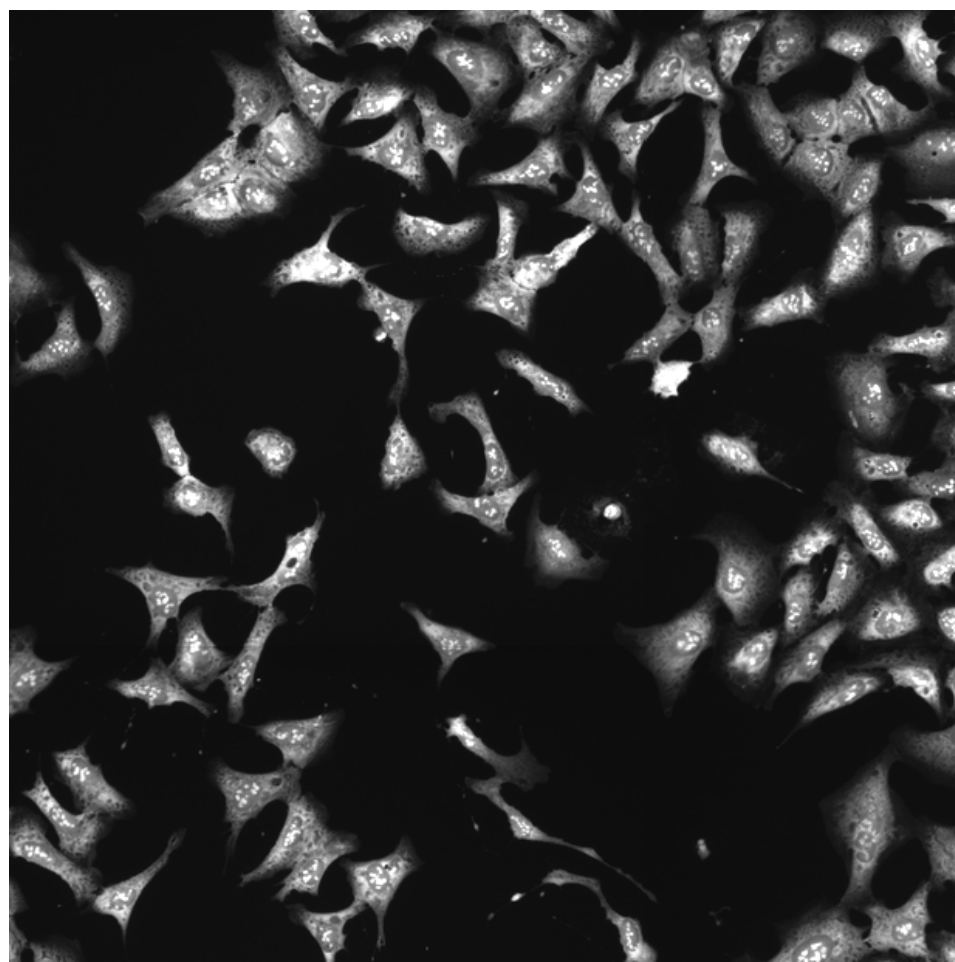
CSNK1A1.WT.3 (41755)

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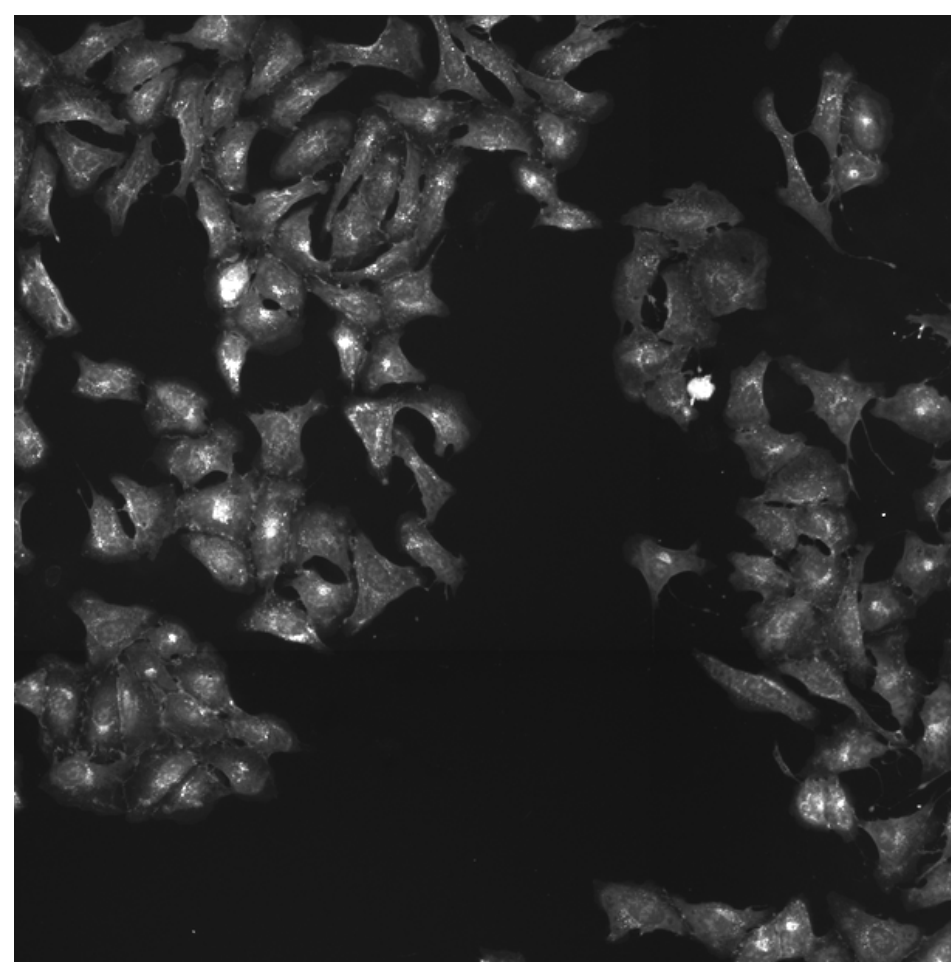
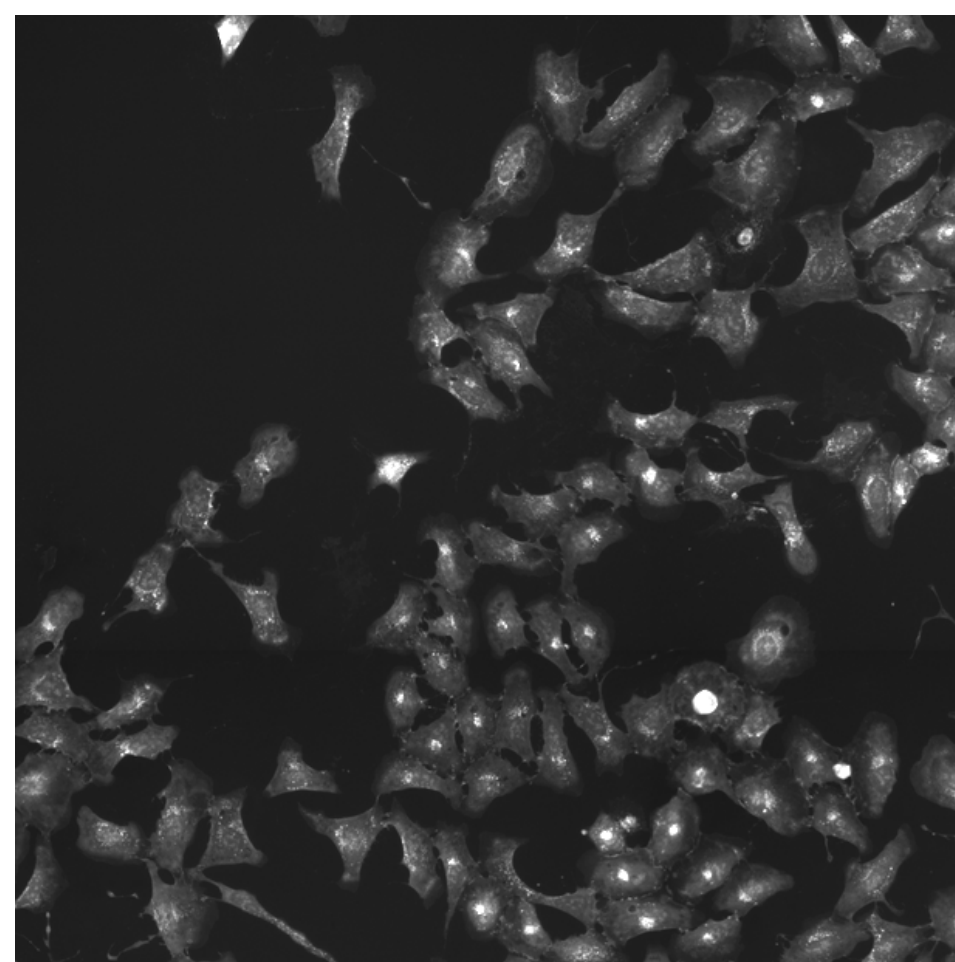
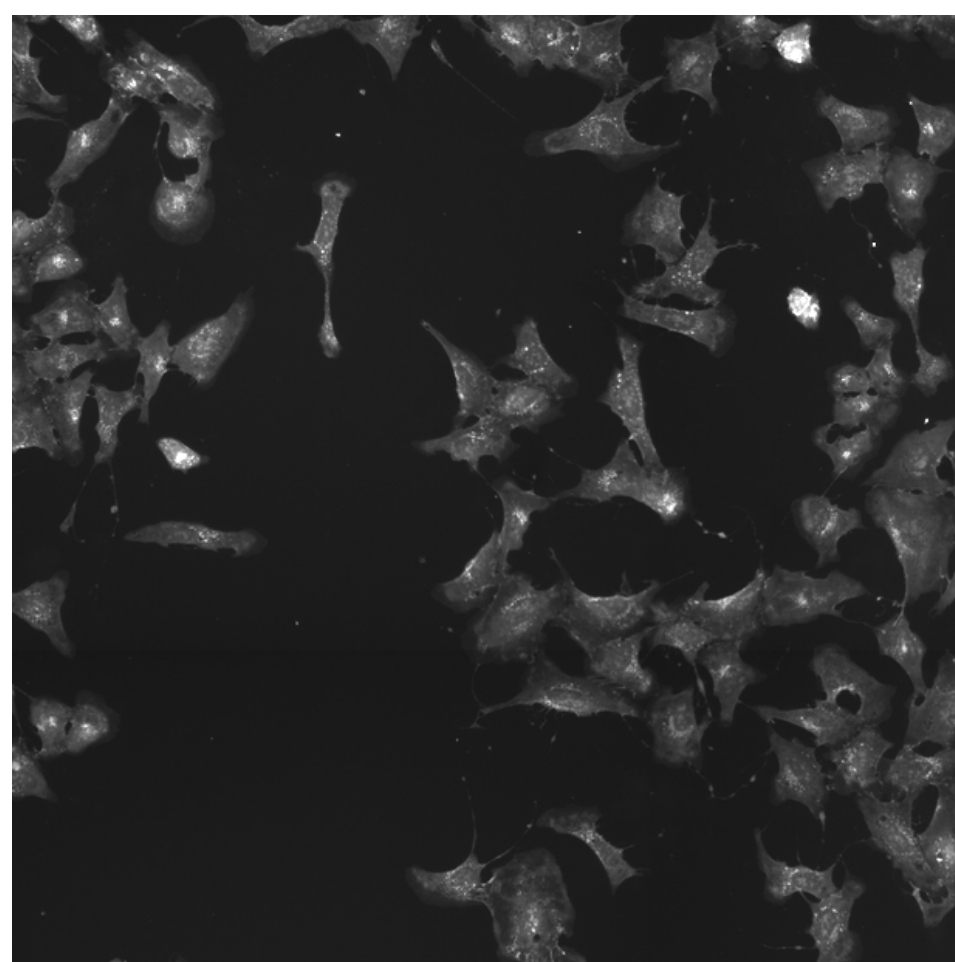
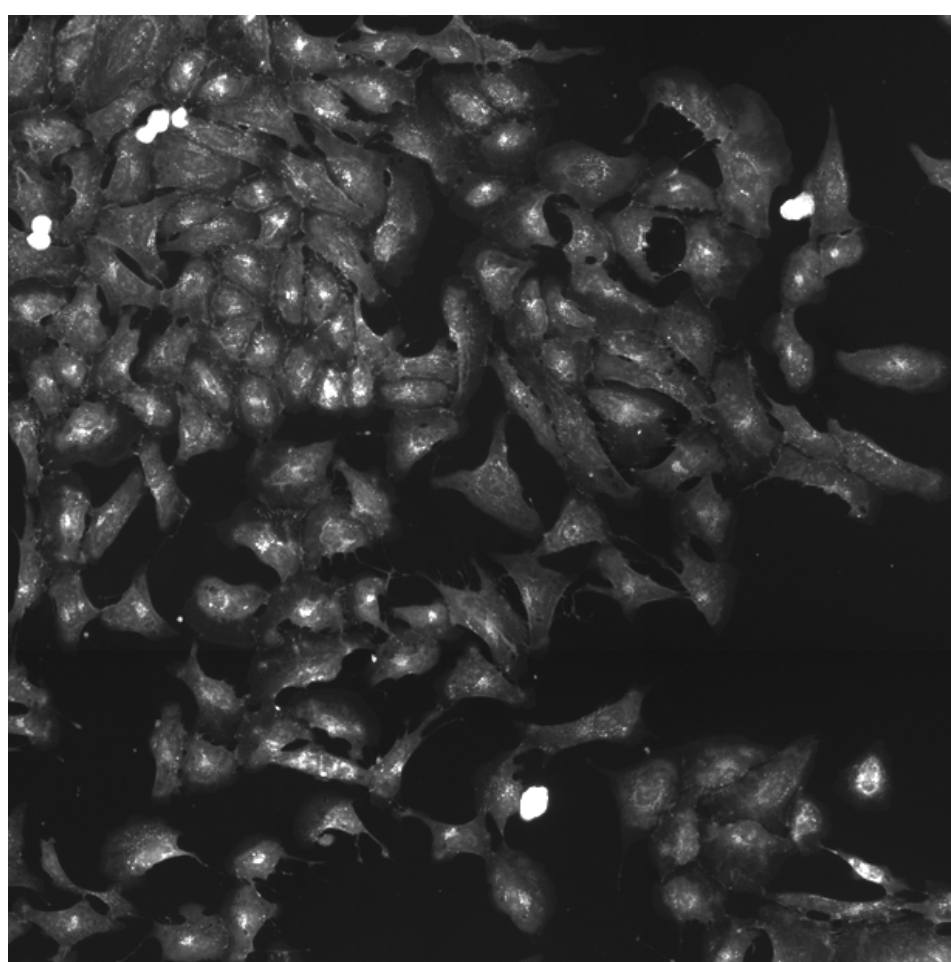
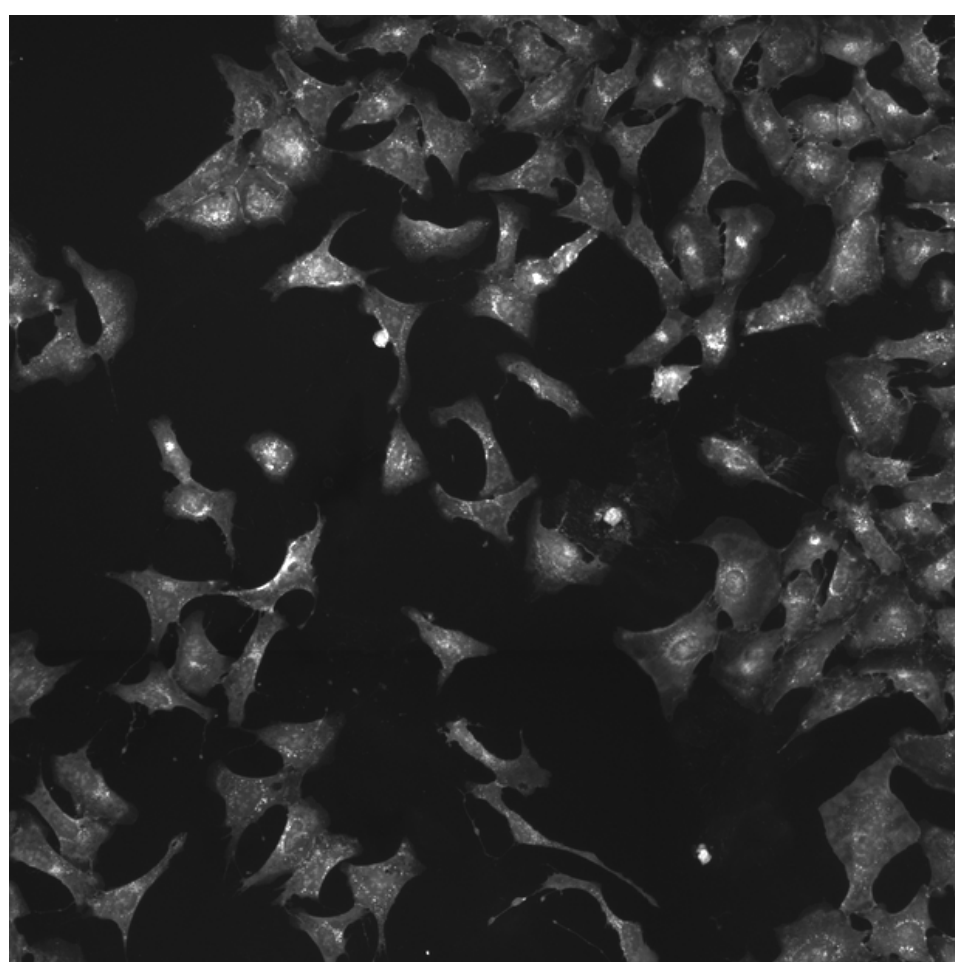
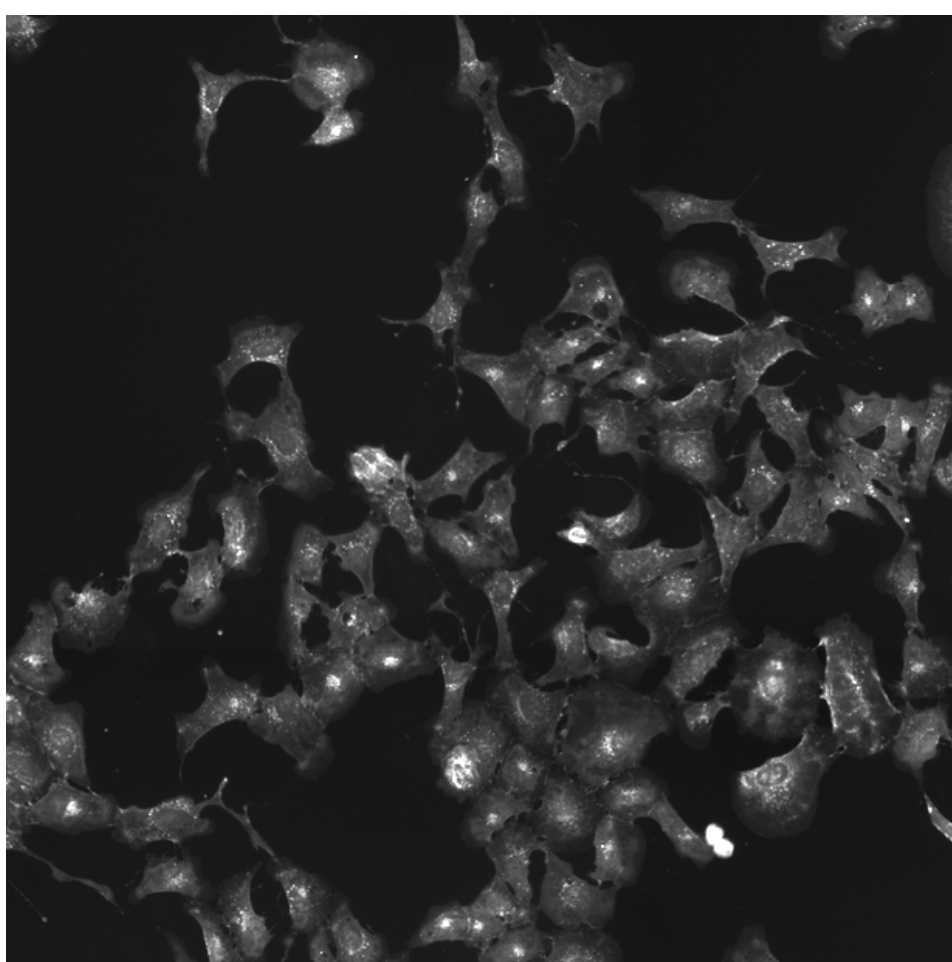
CSNK1A1.WT.3 (41757)

CSNK1A1.WT.3 (41754)

RNA

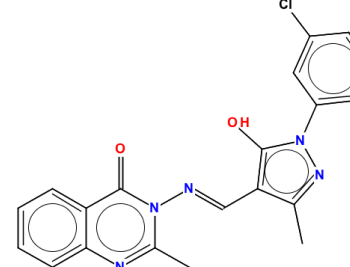
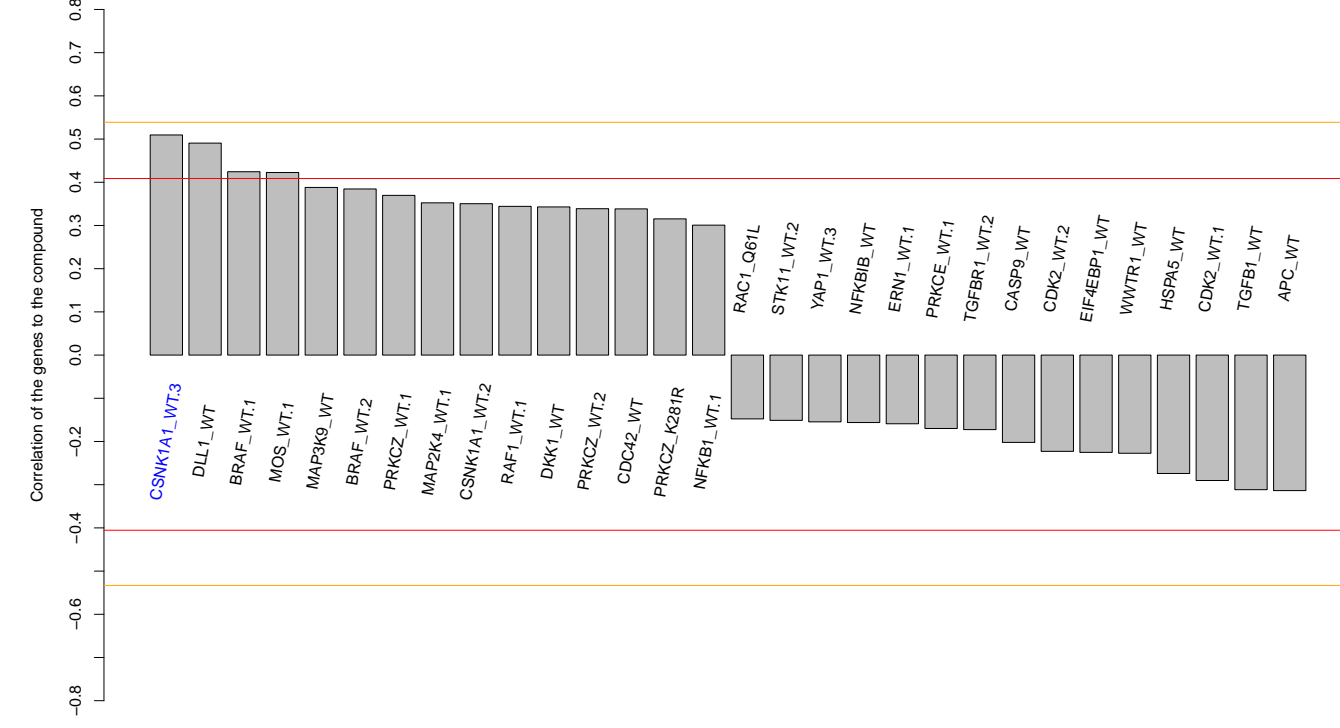
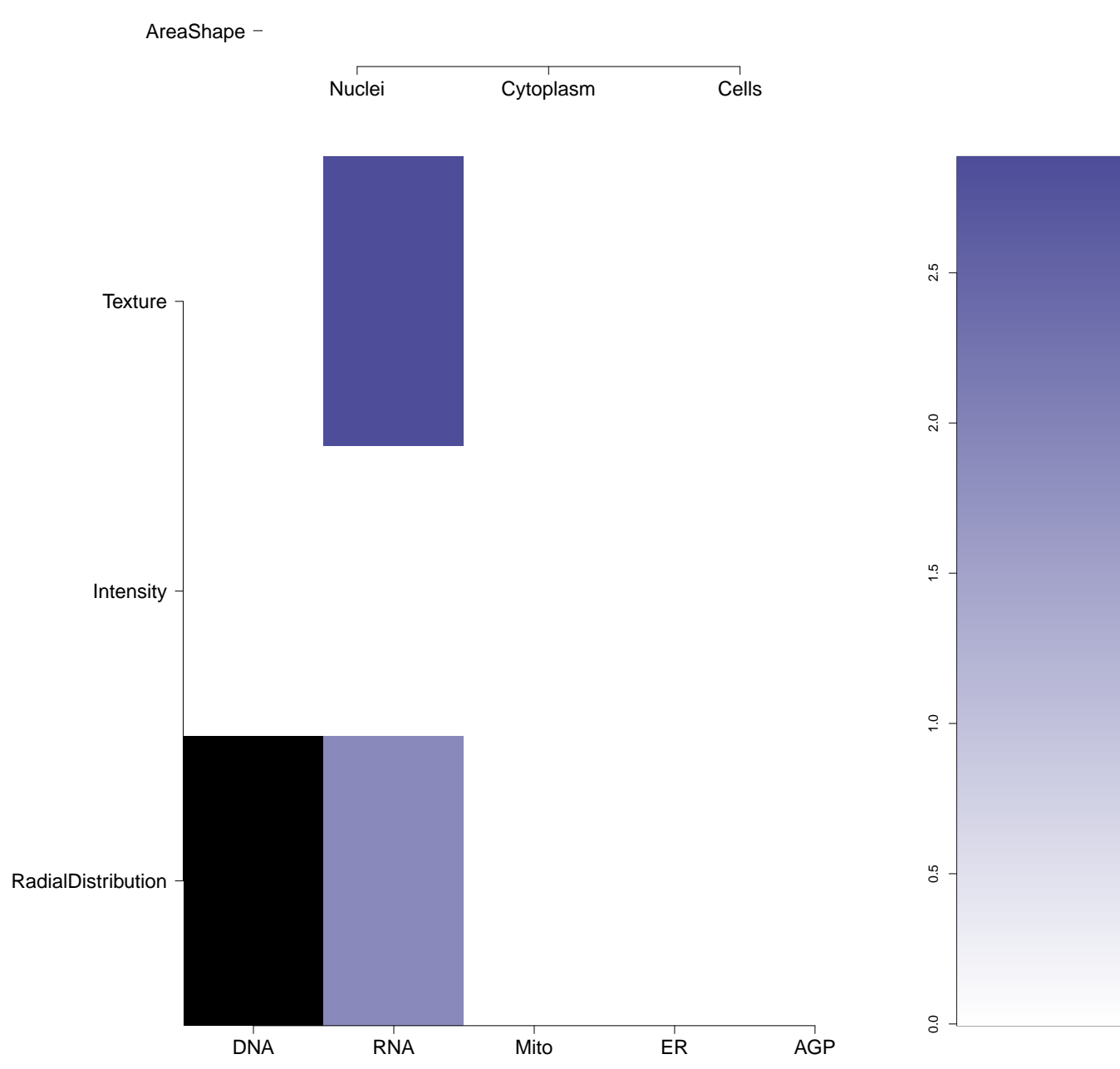

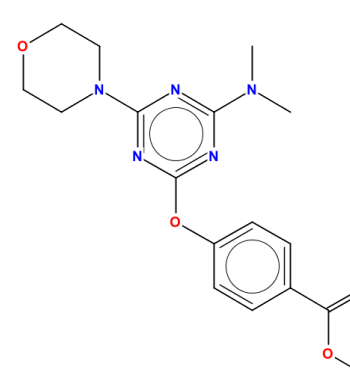
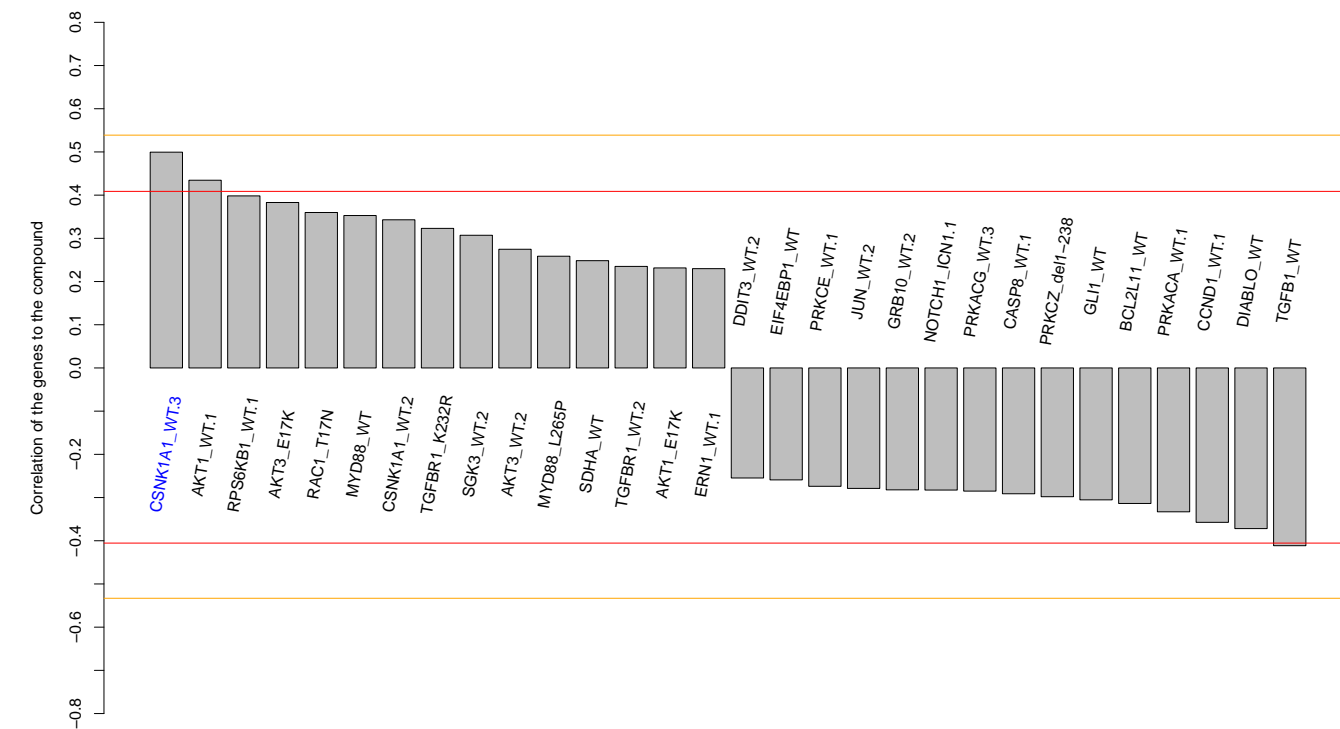
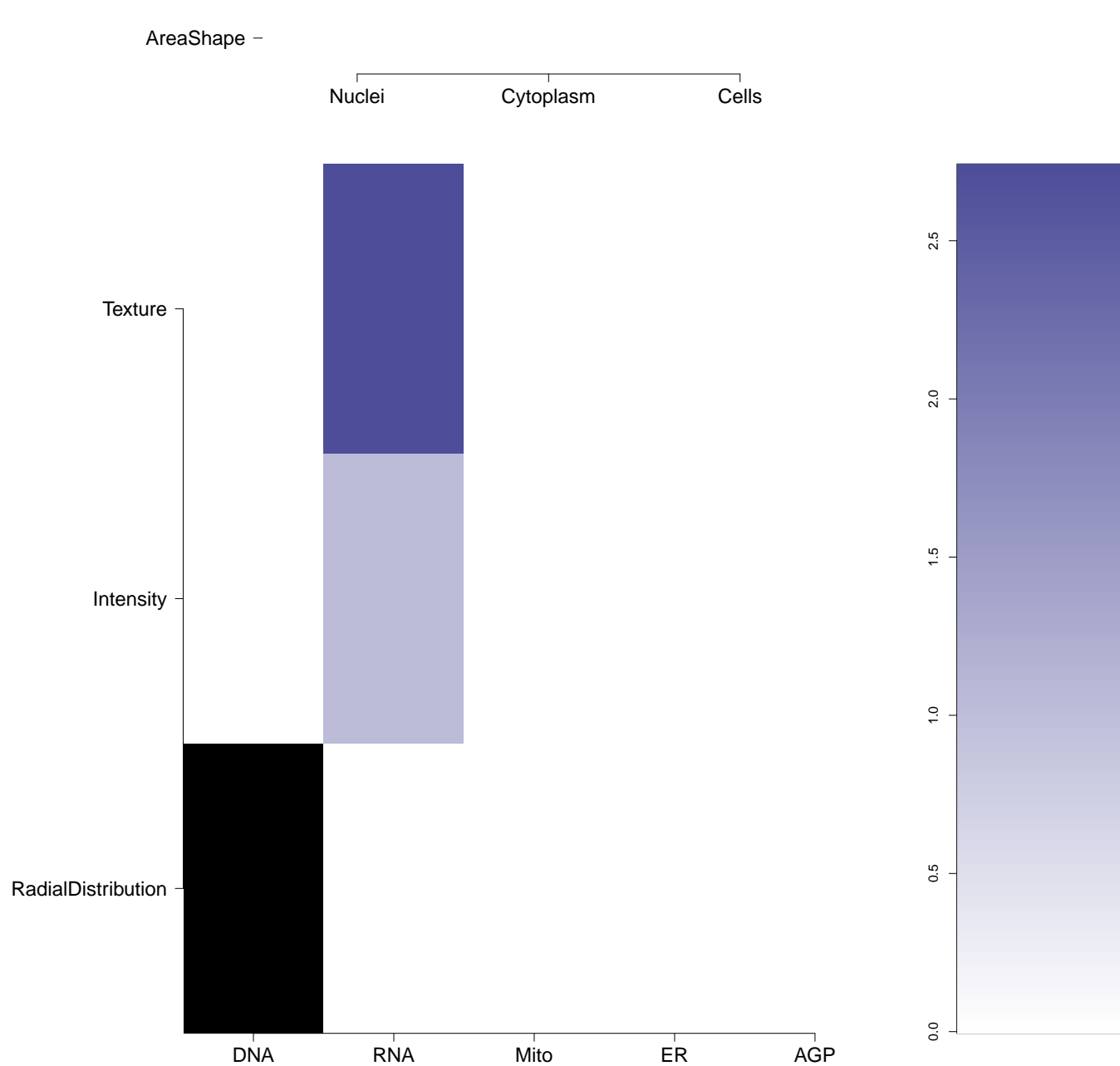

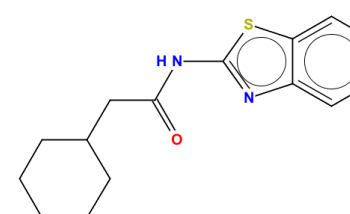
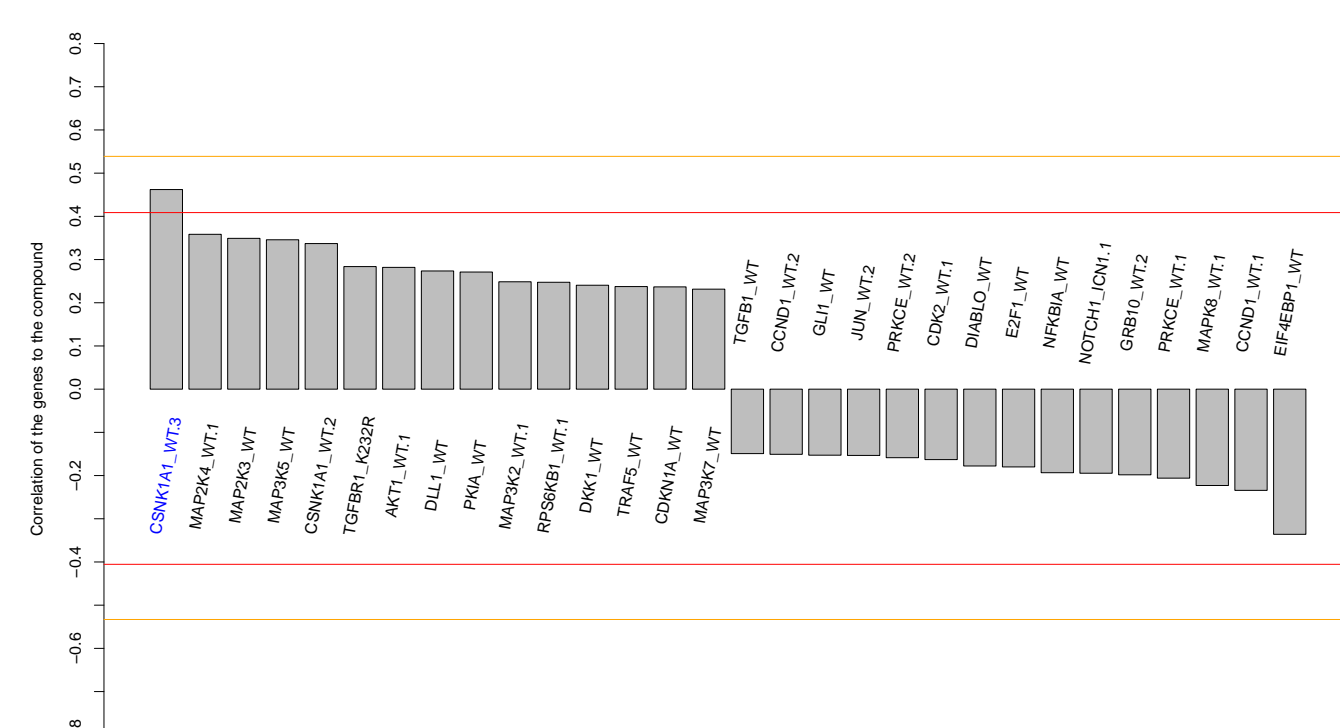
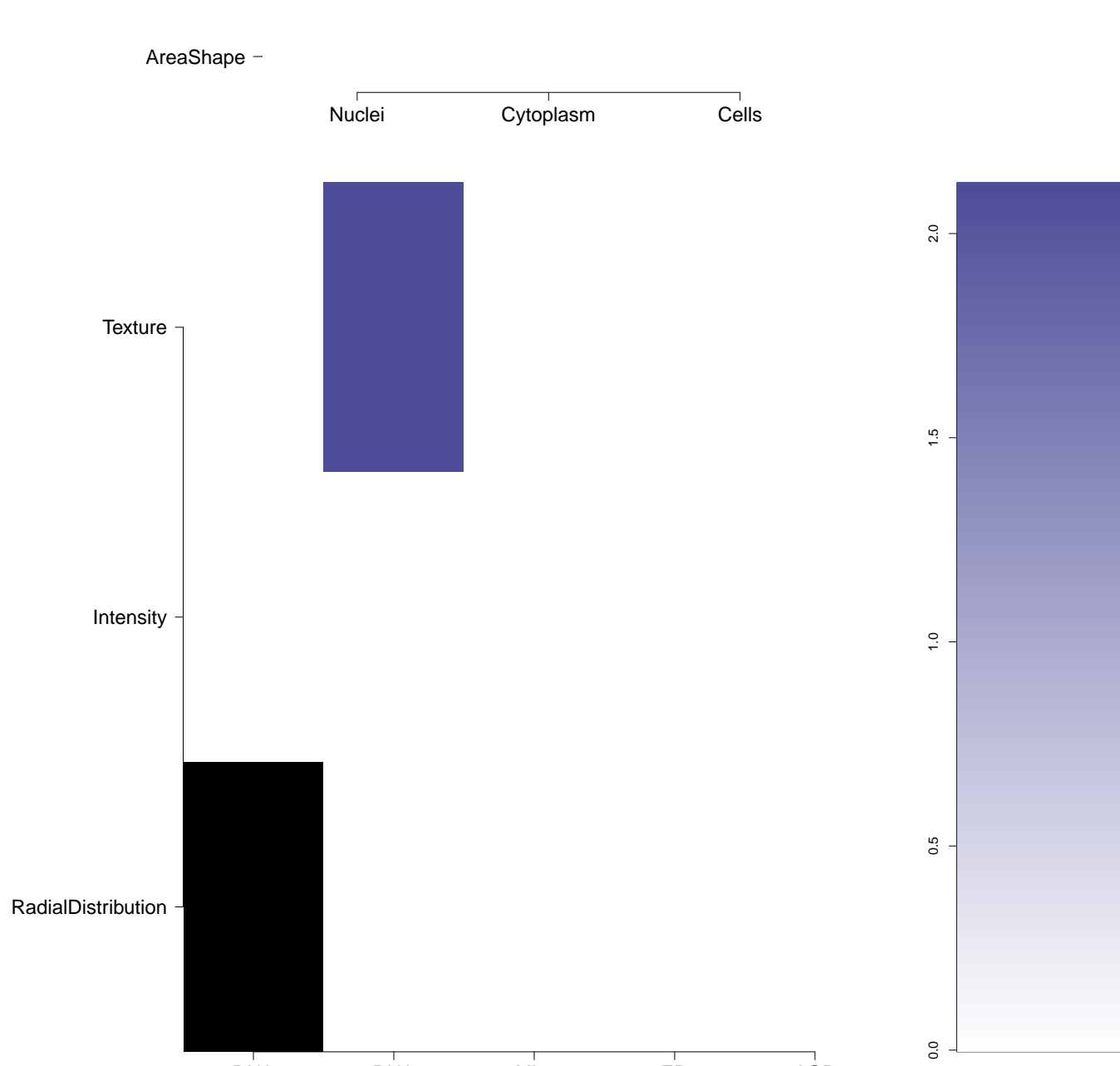

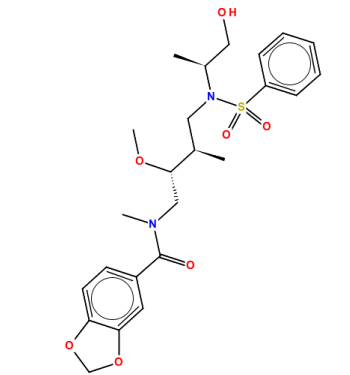
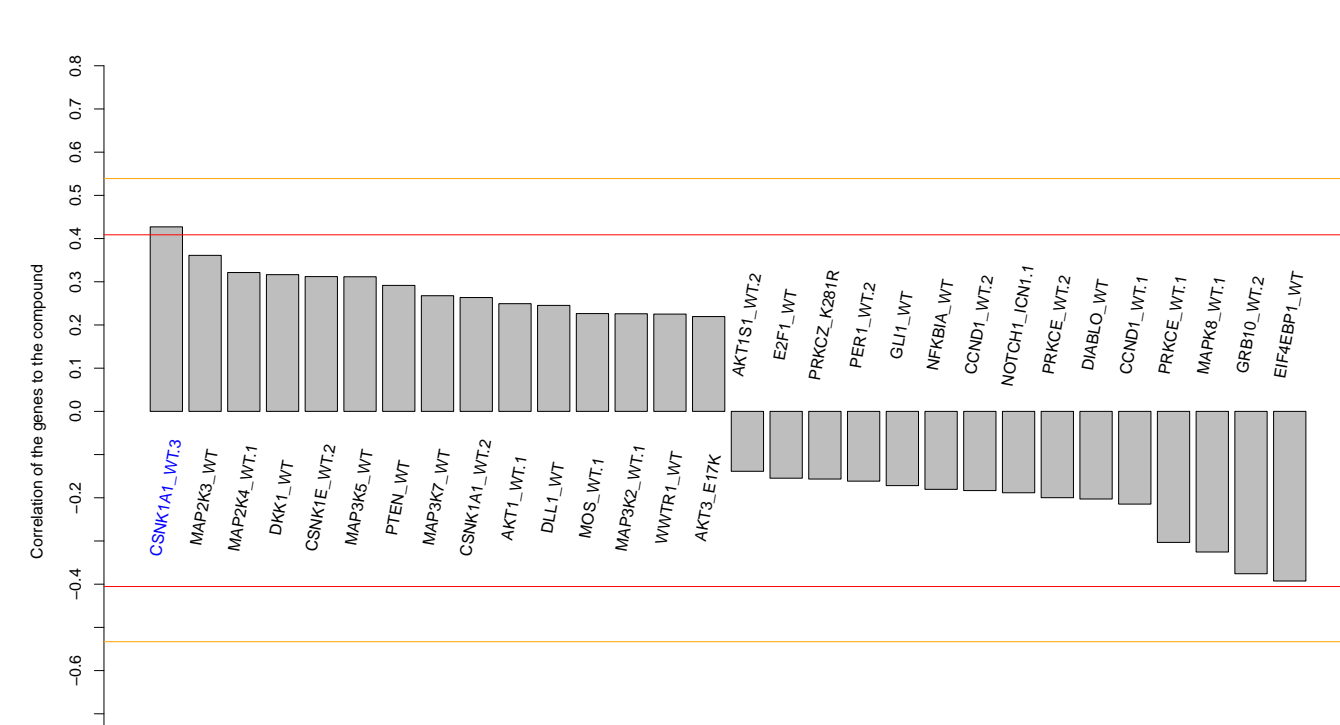
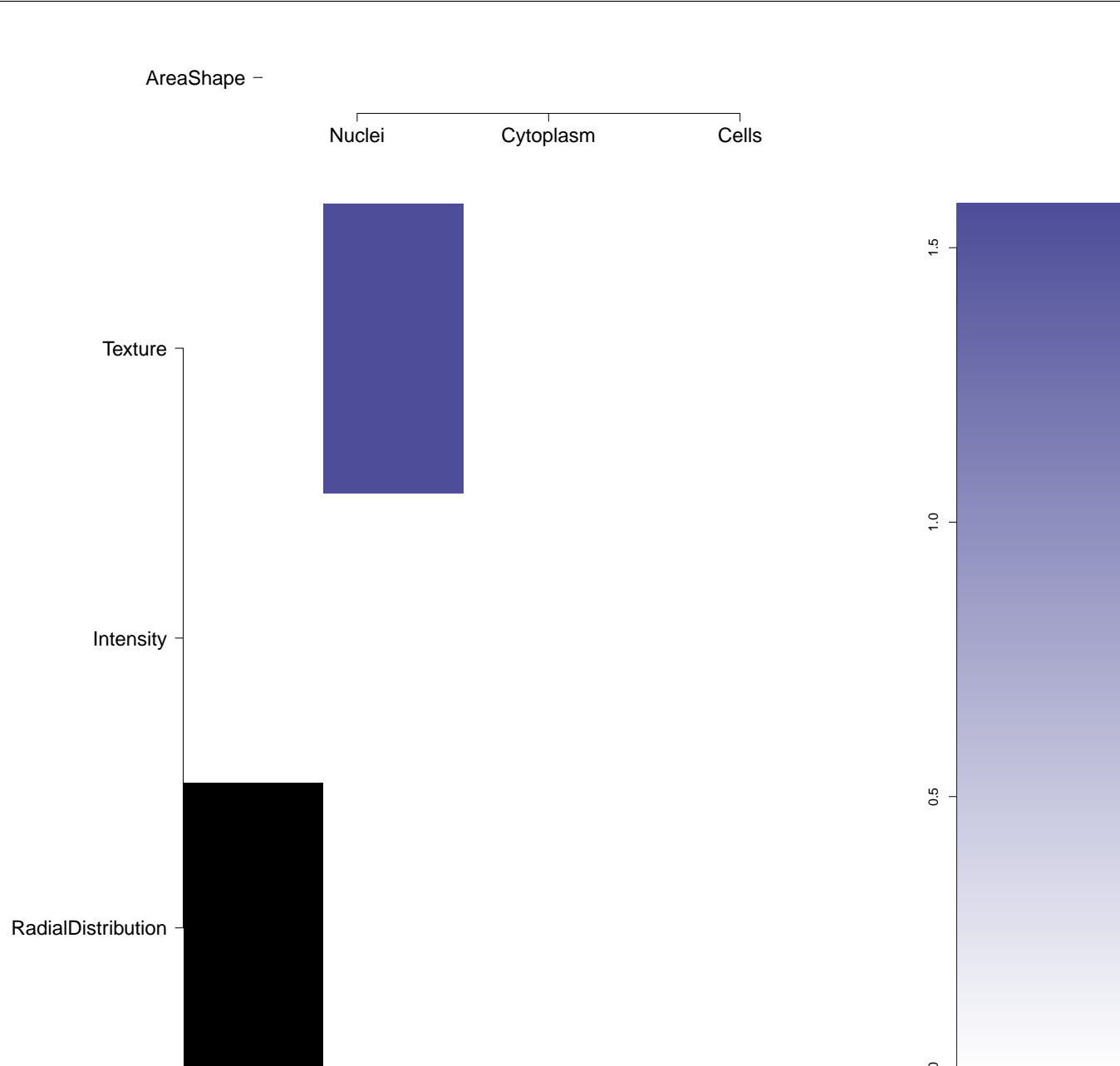

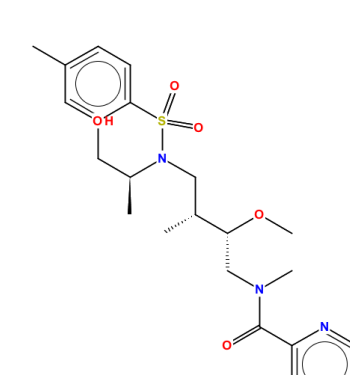
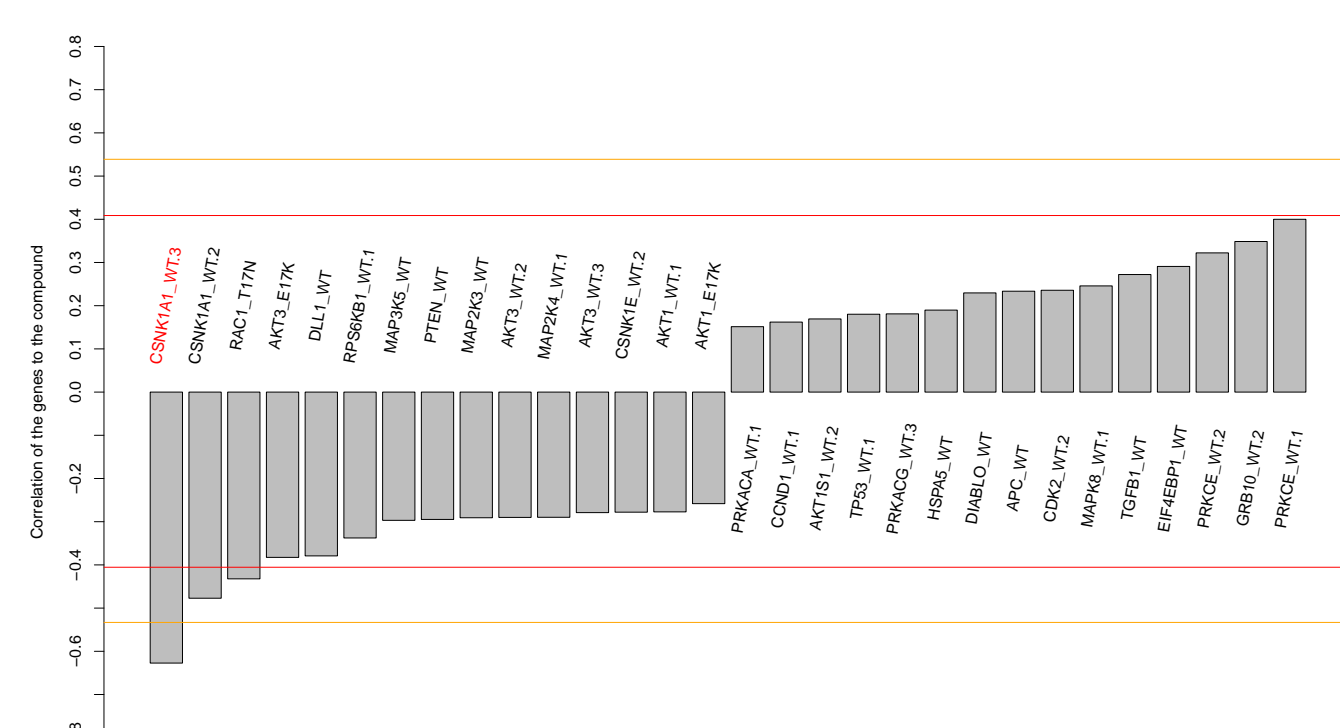
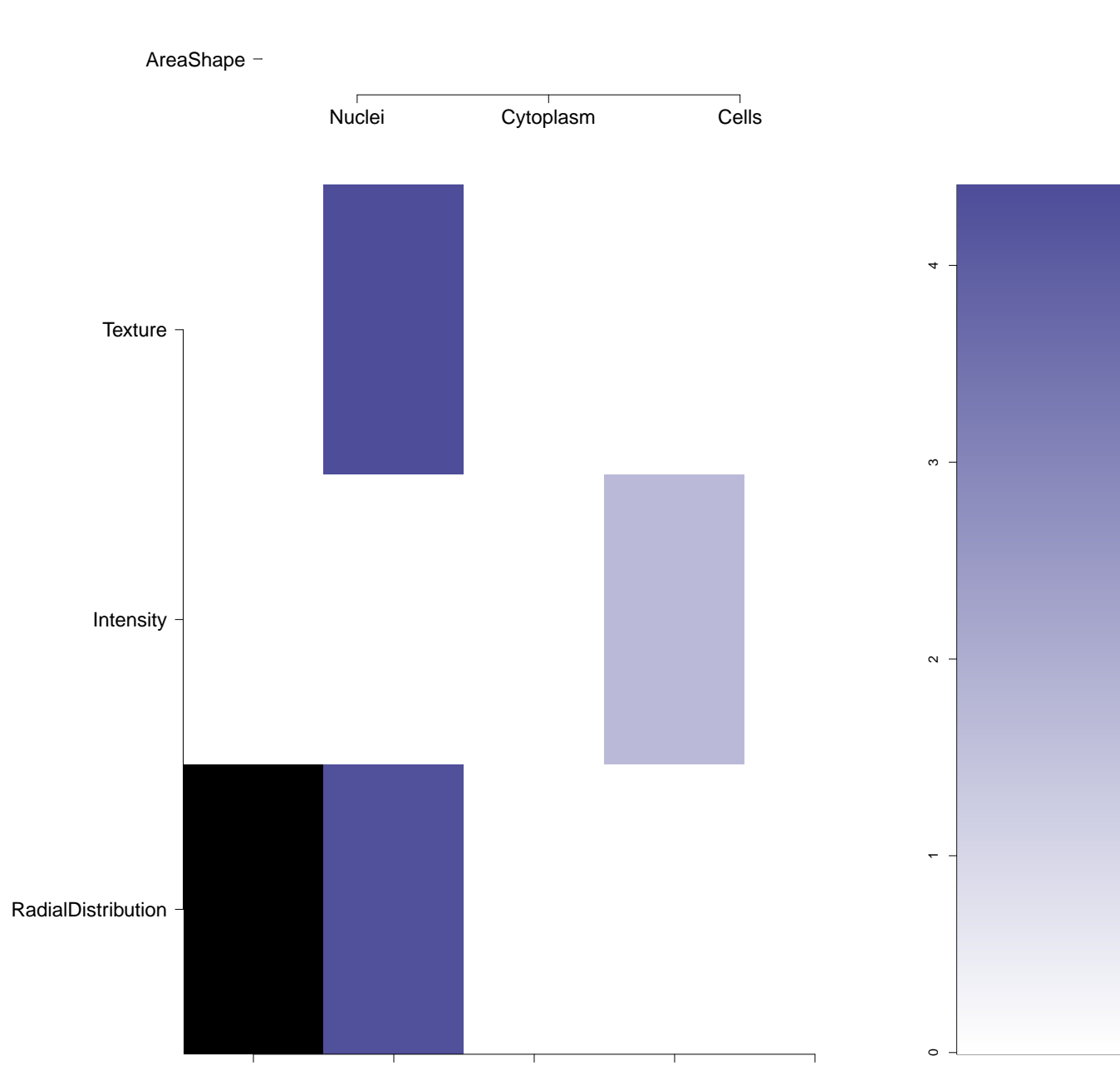
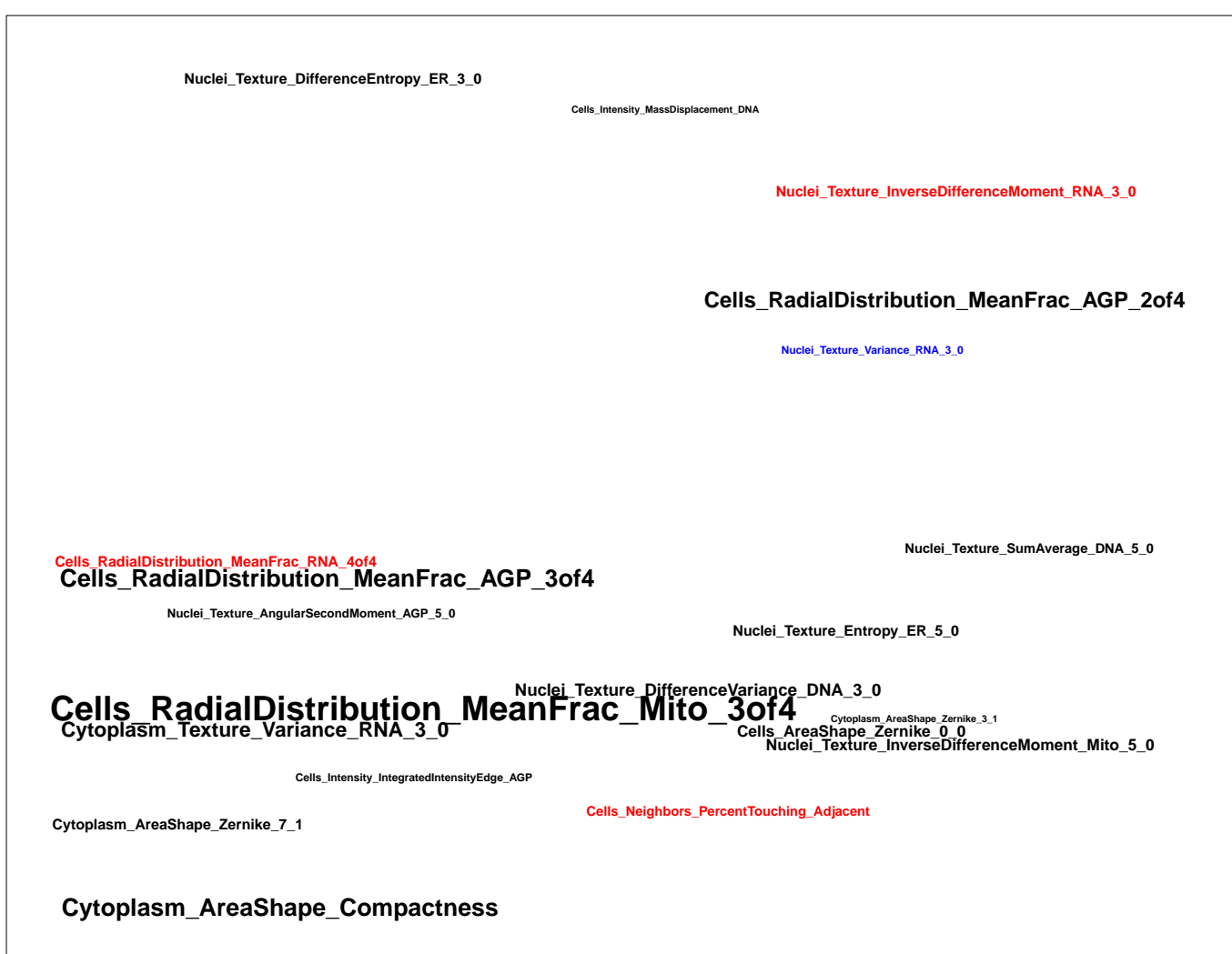
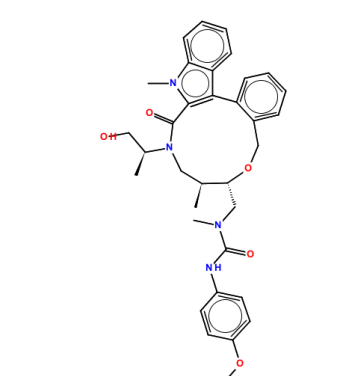
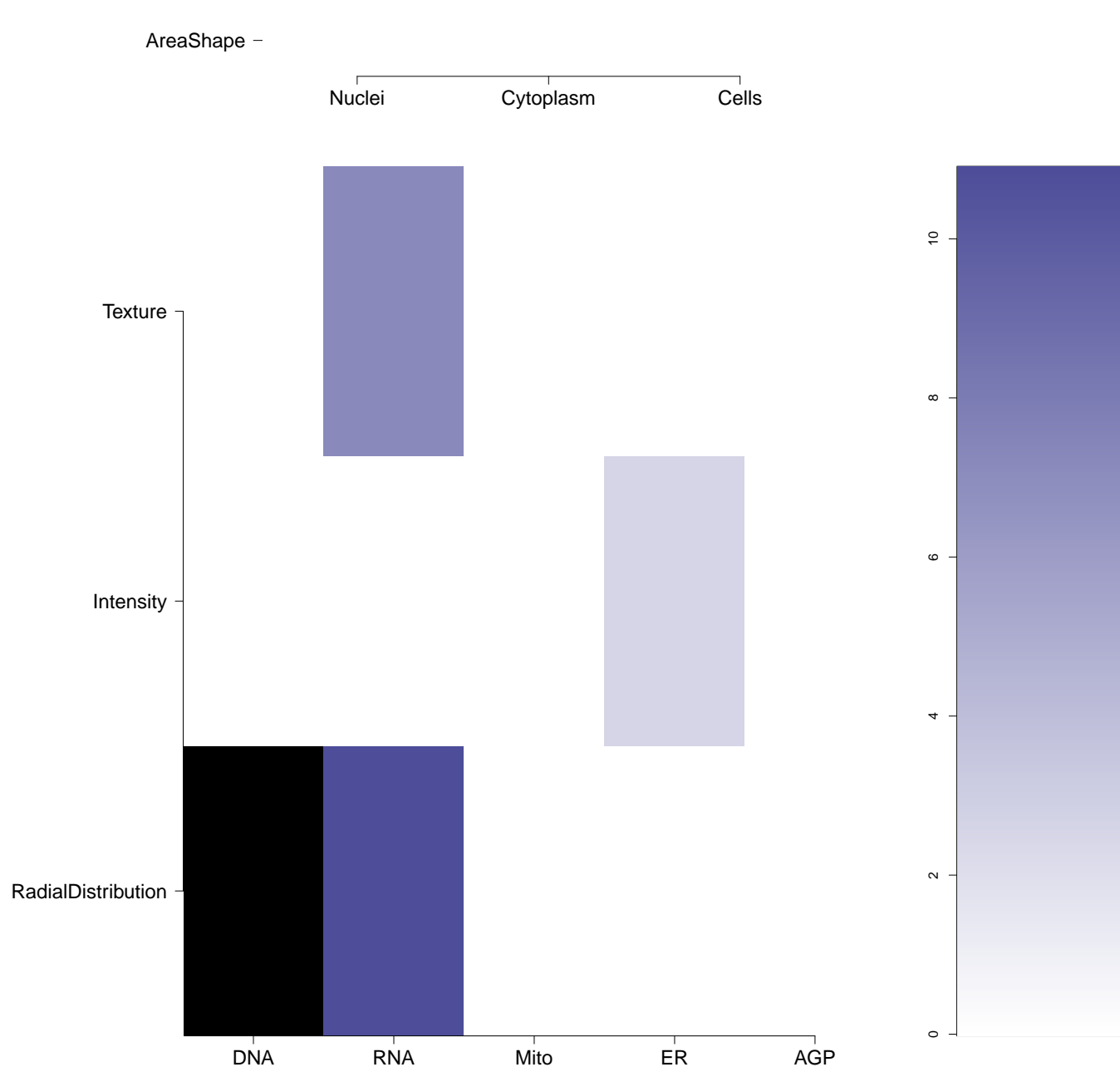
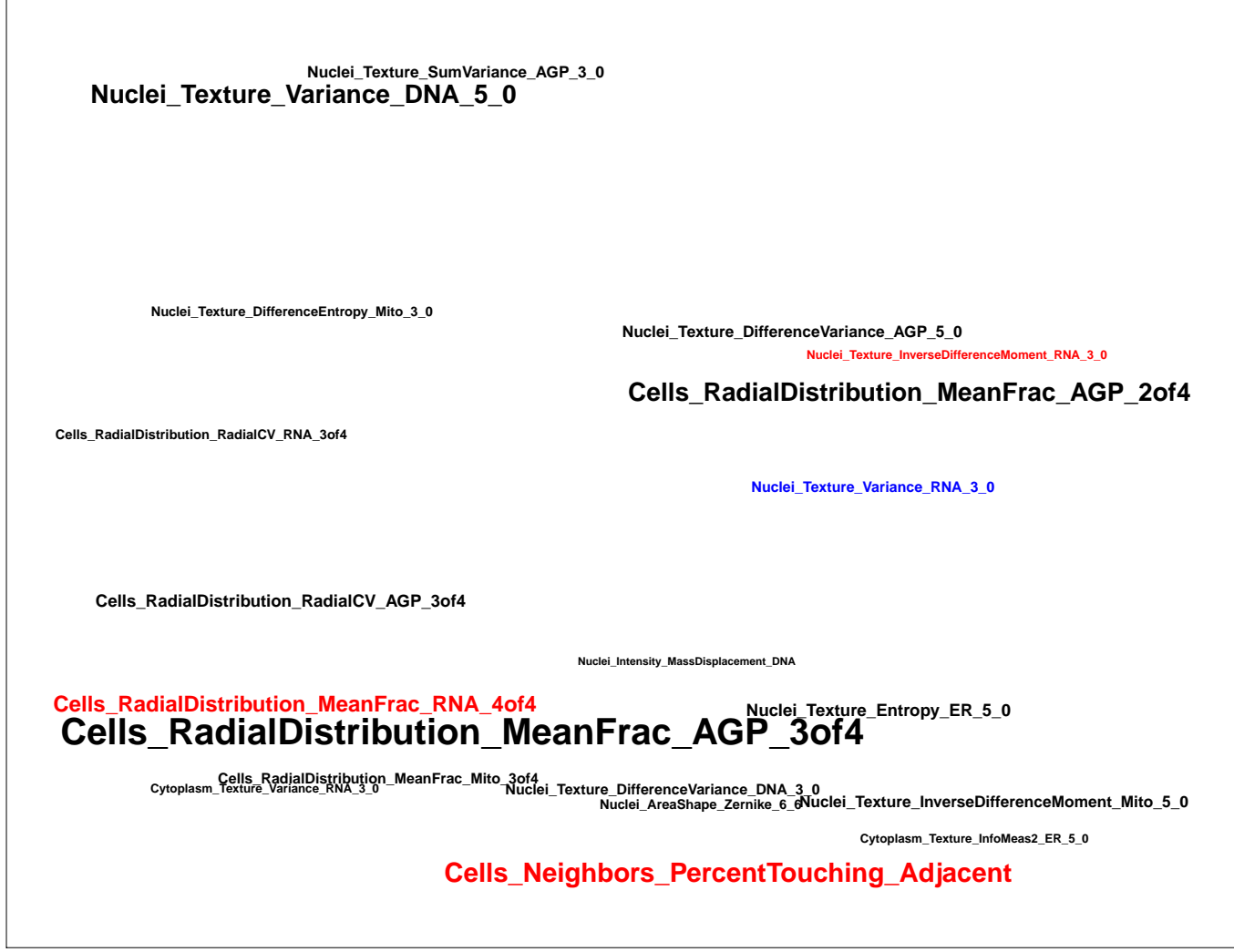


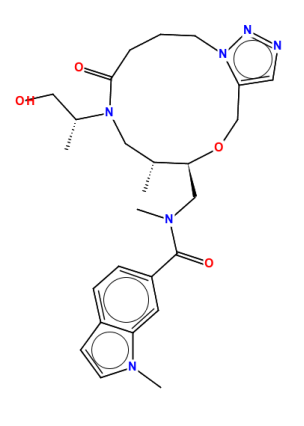
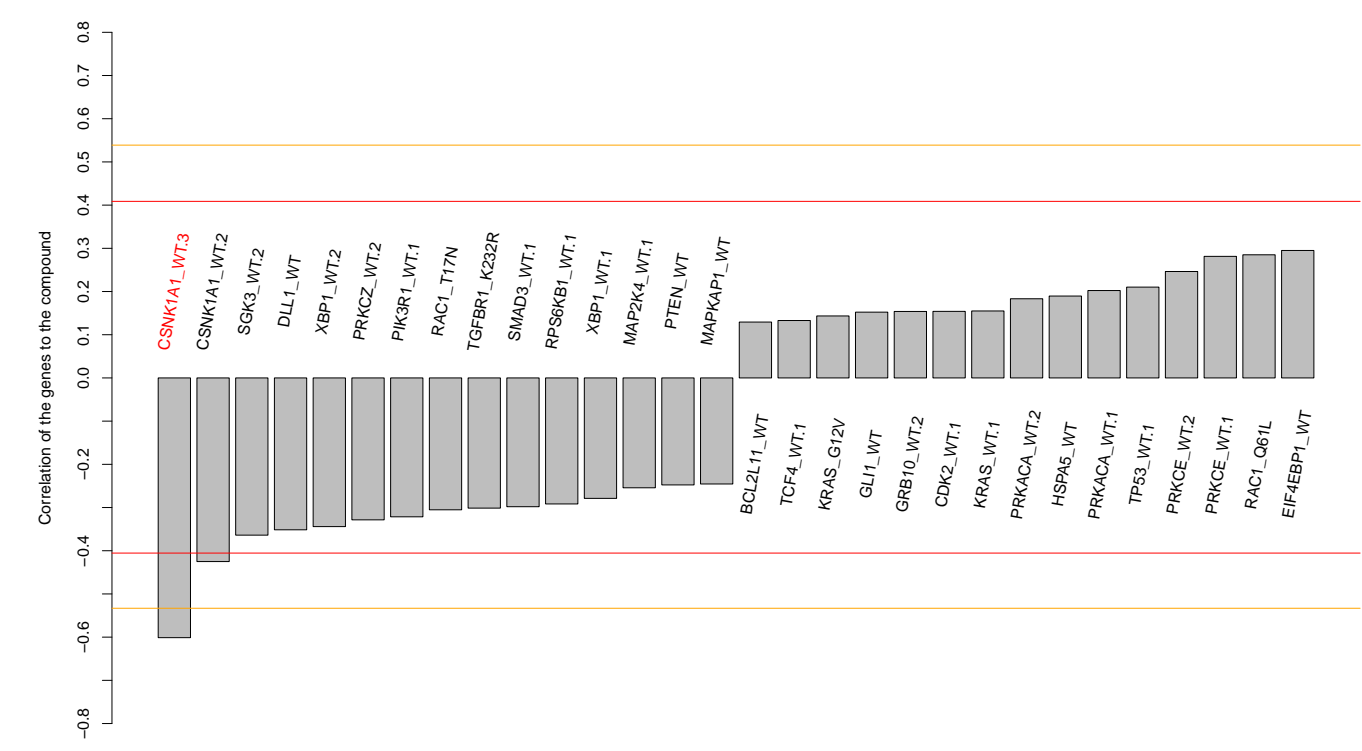
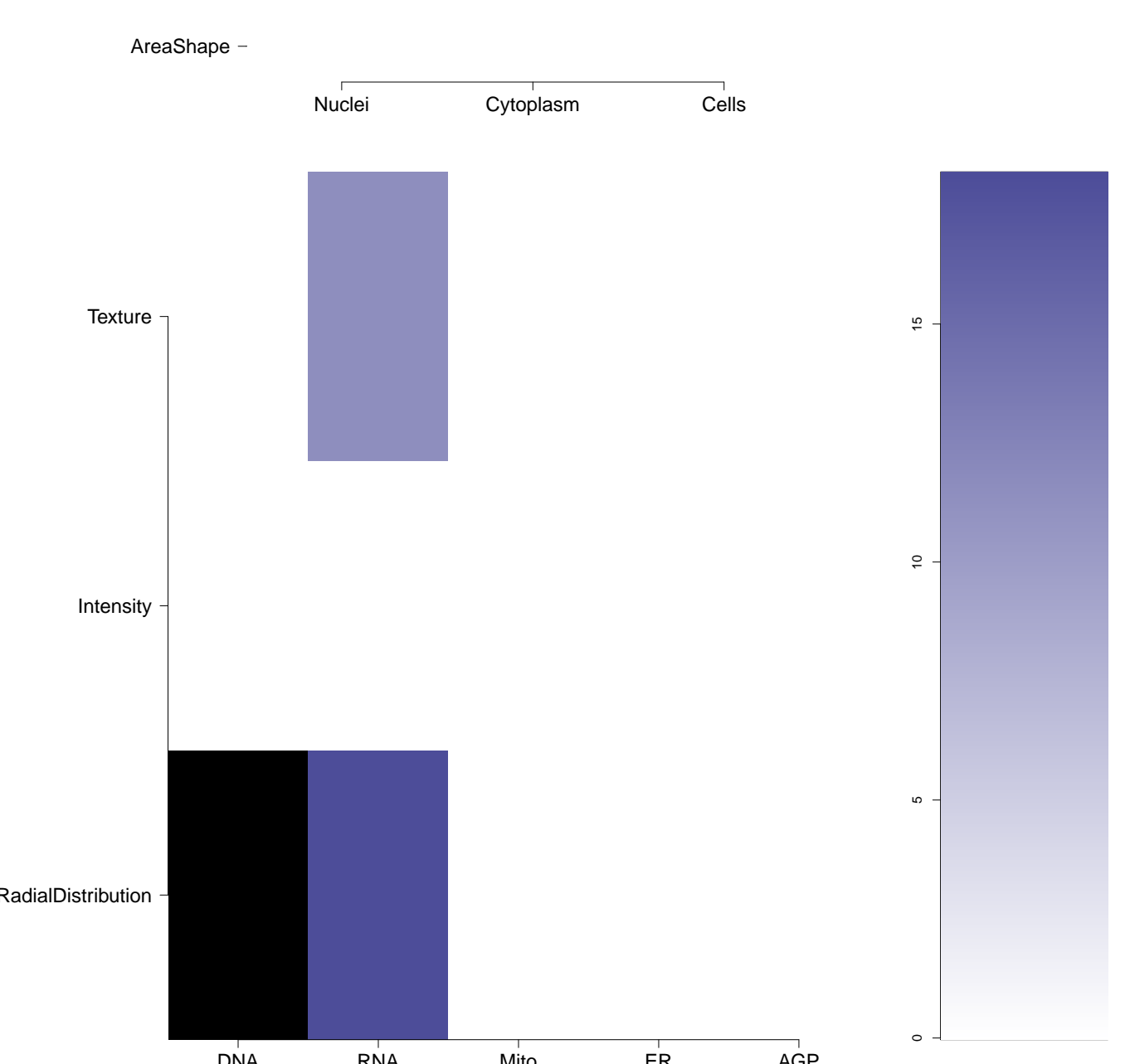
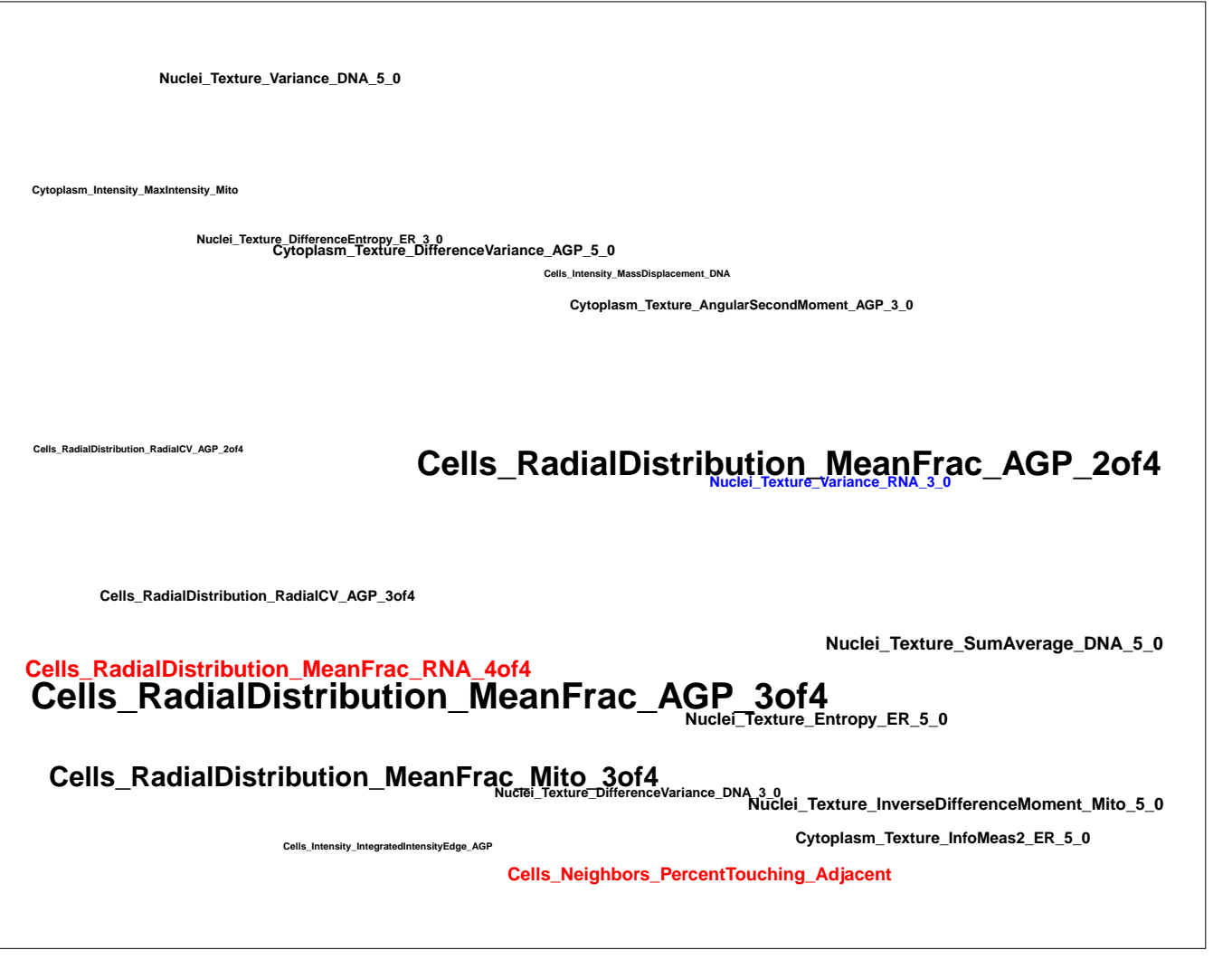
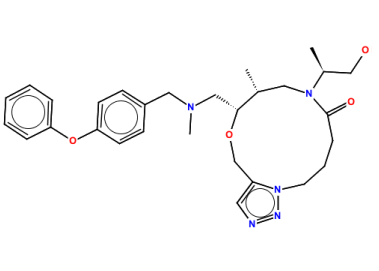
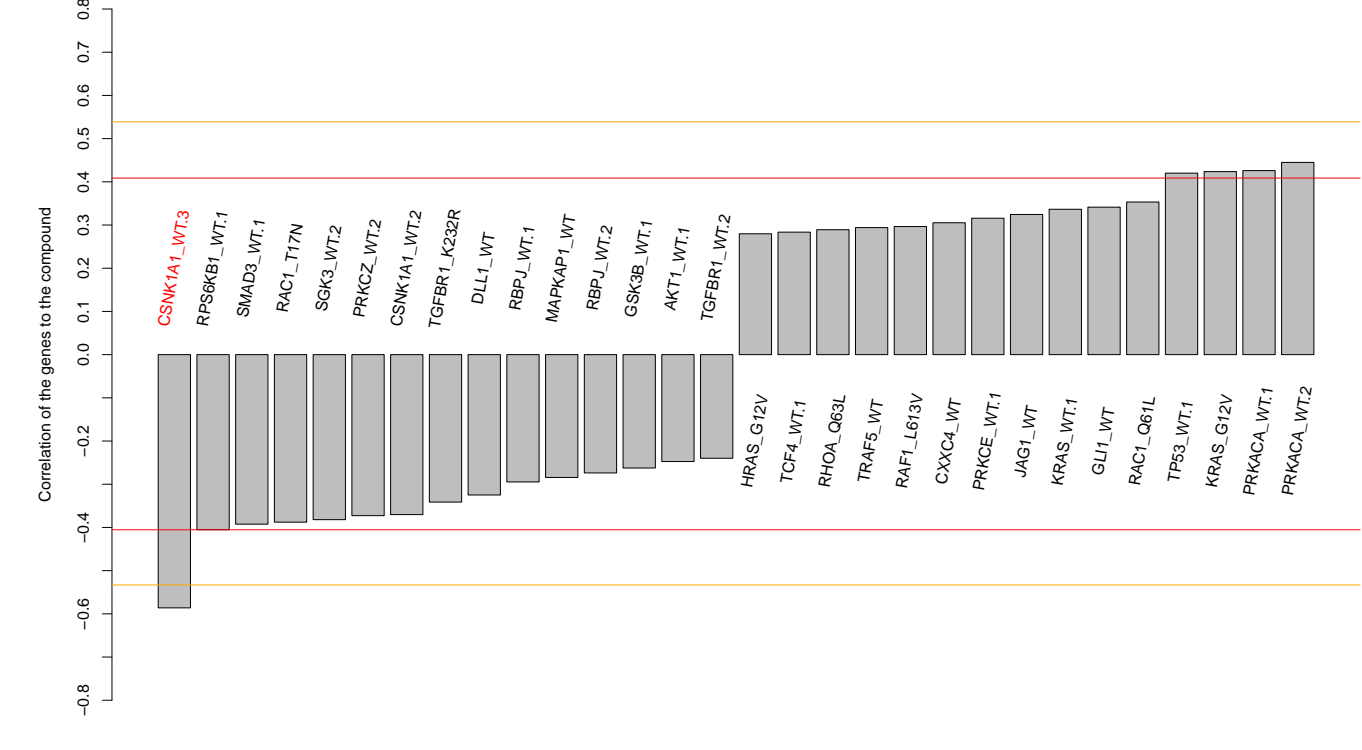
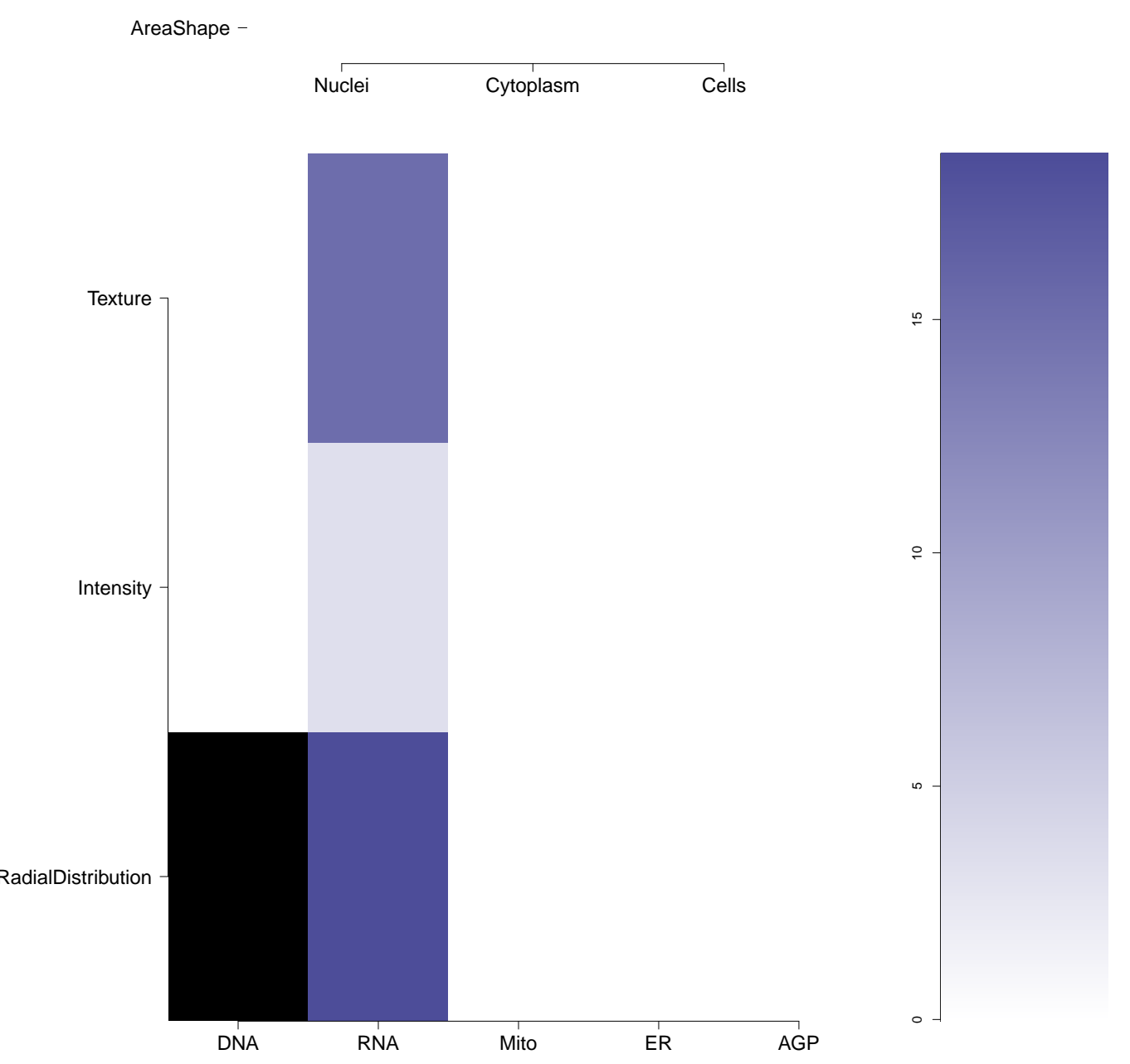
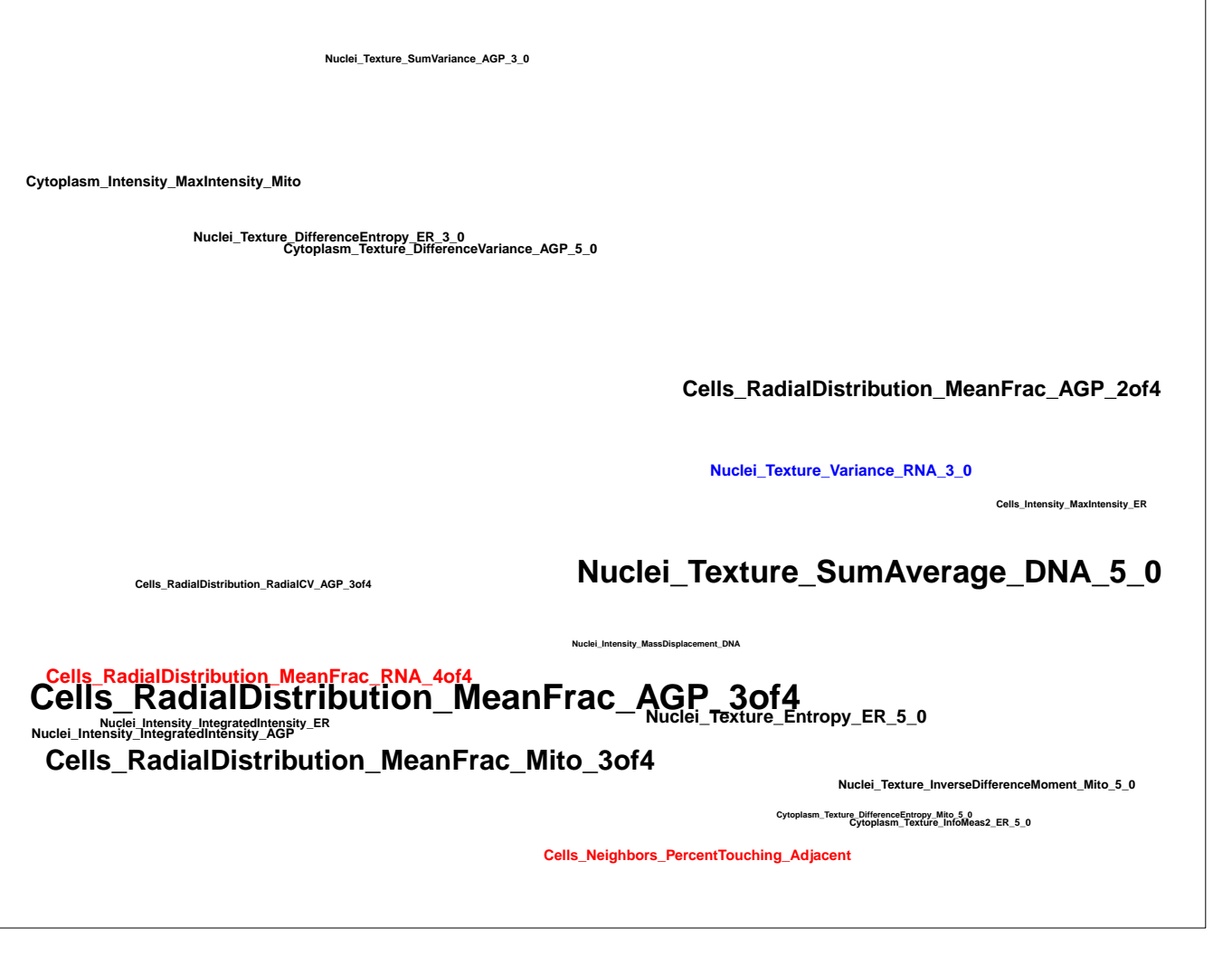
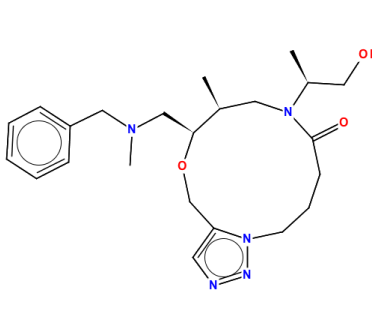
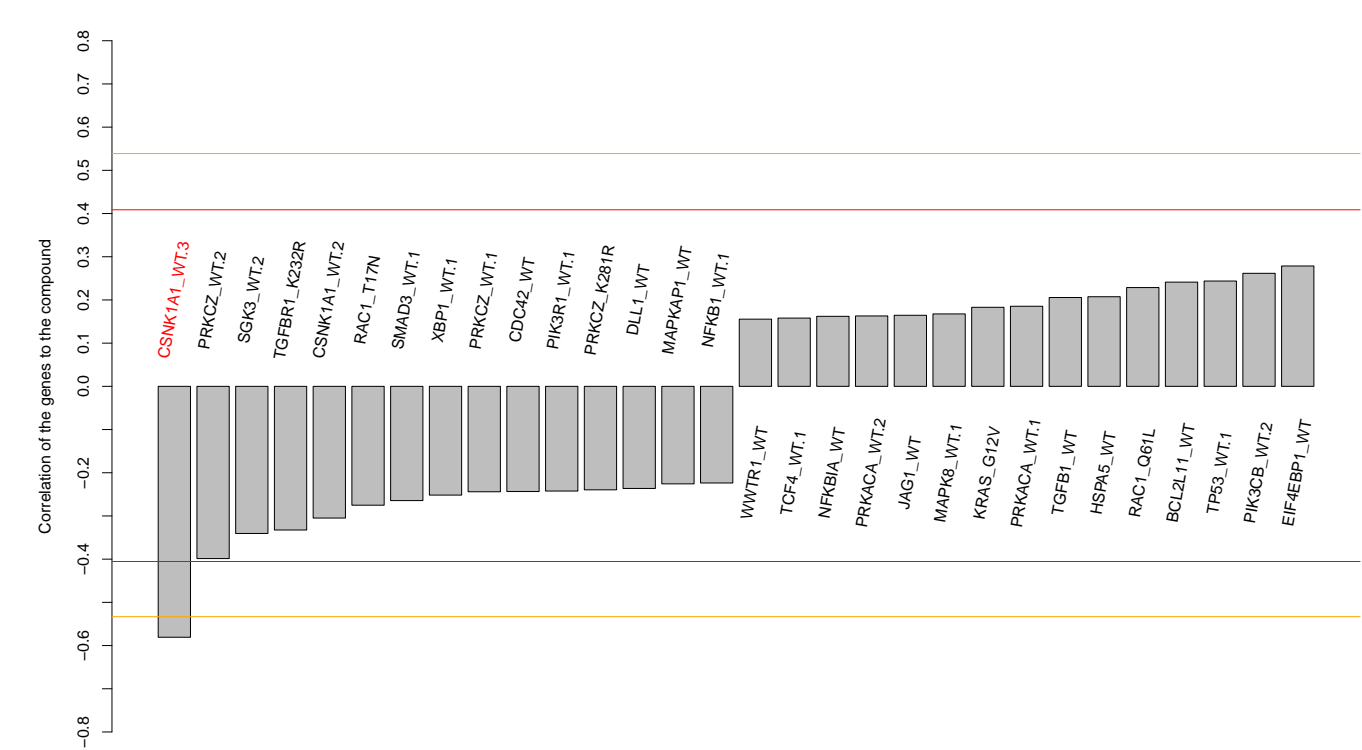
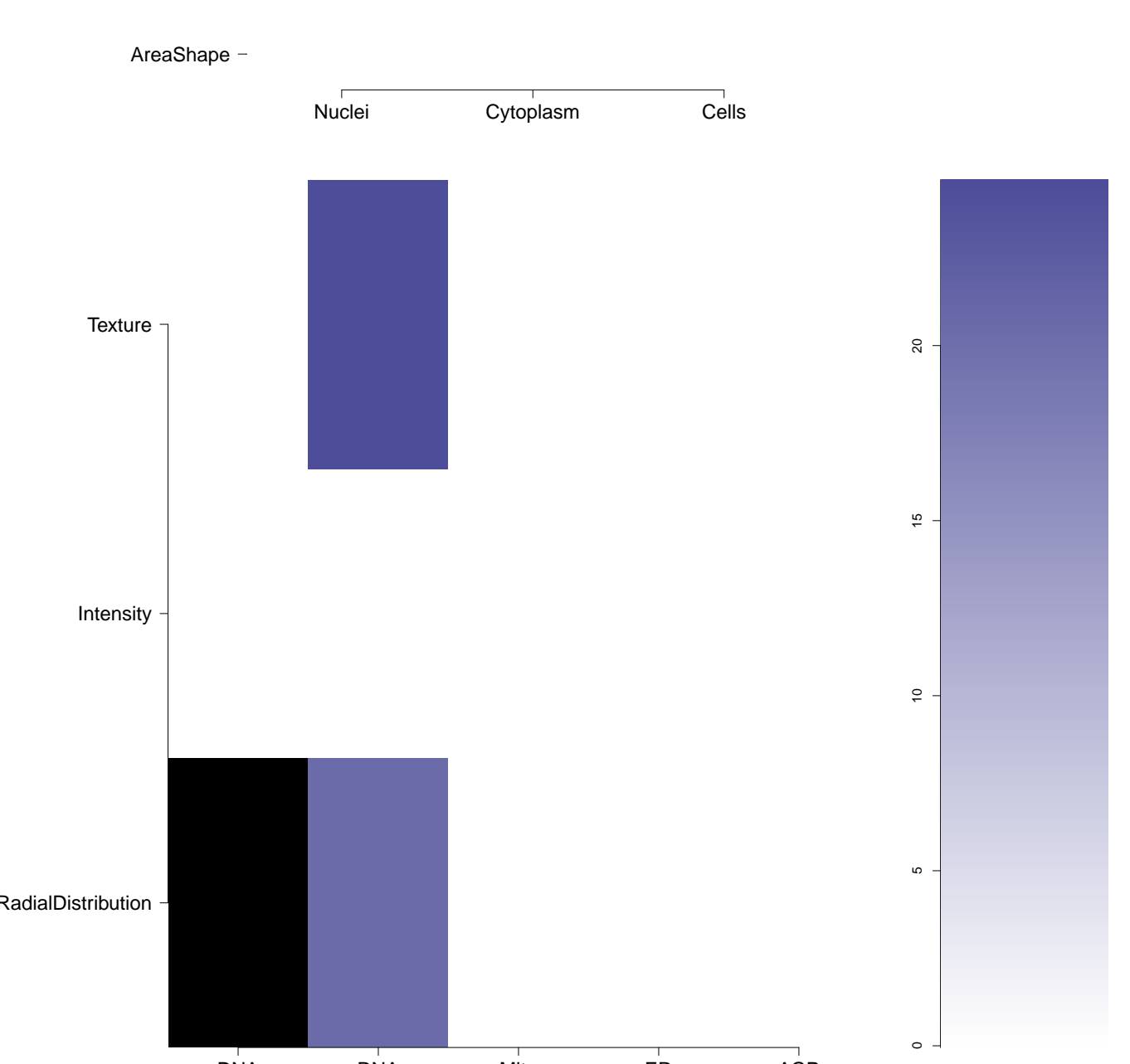
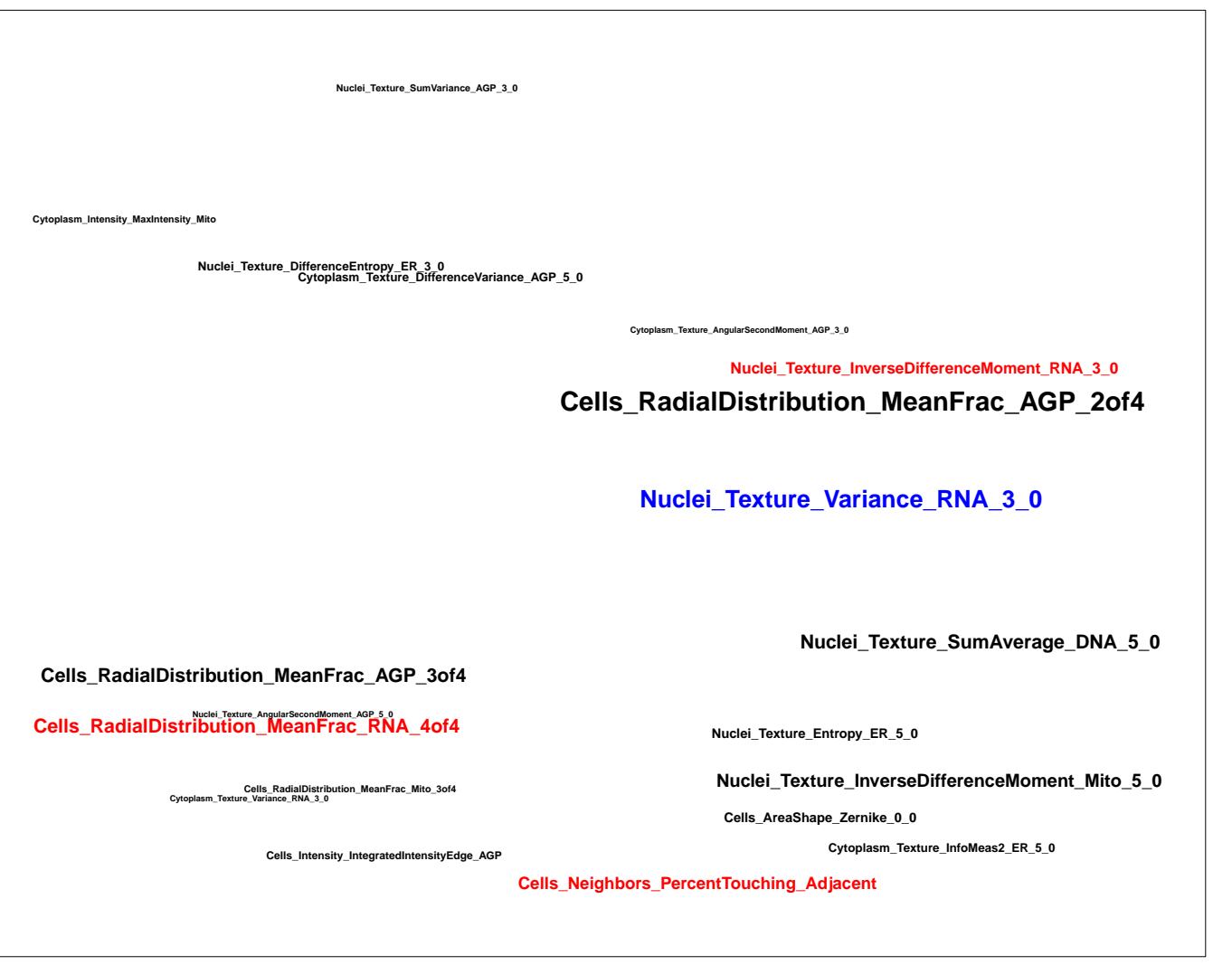
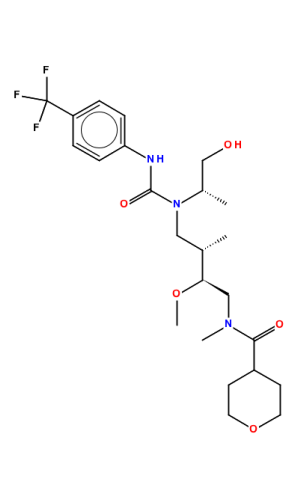
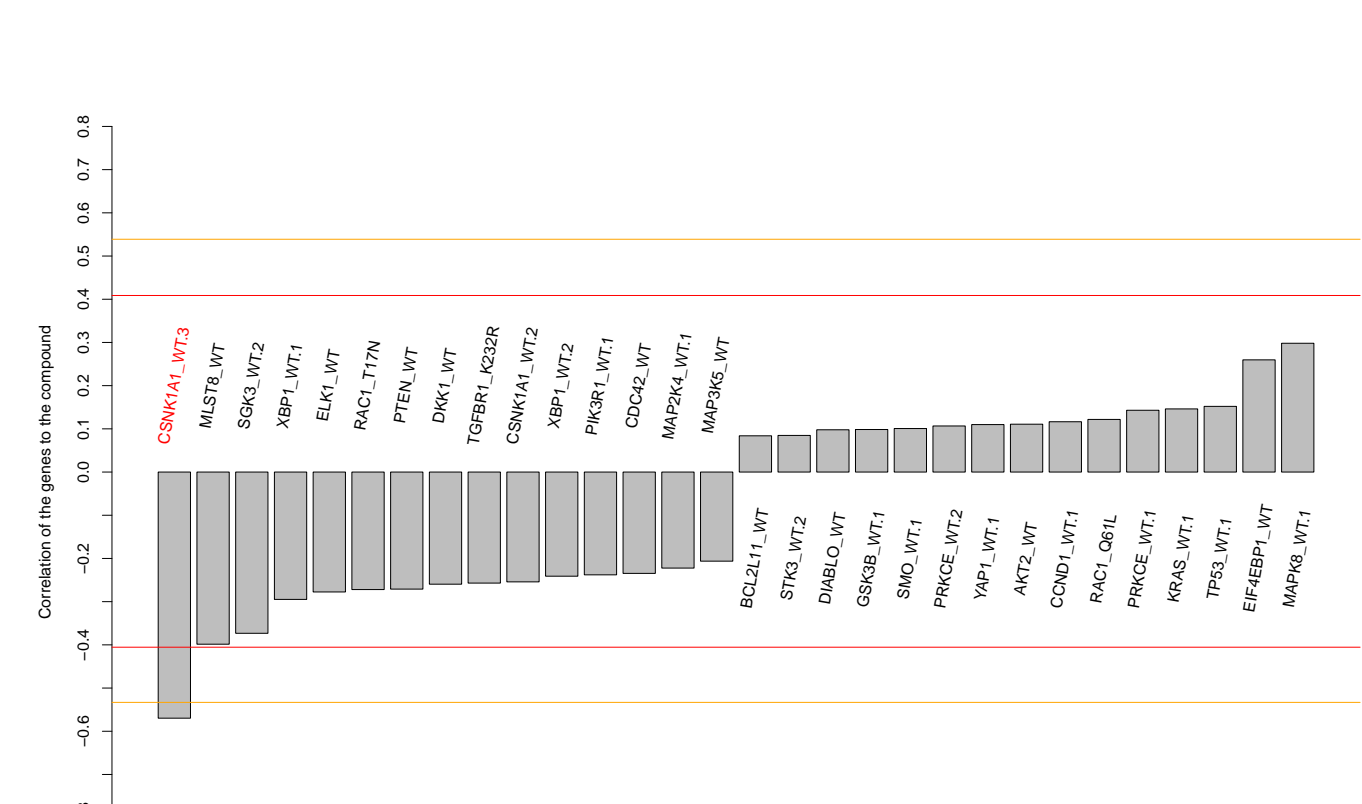
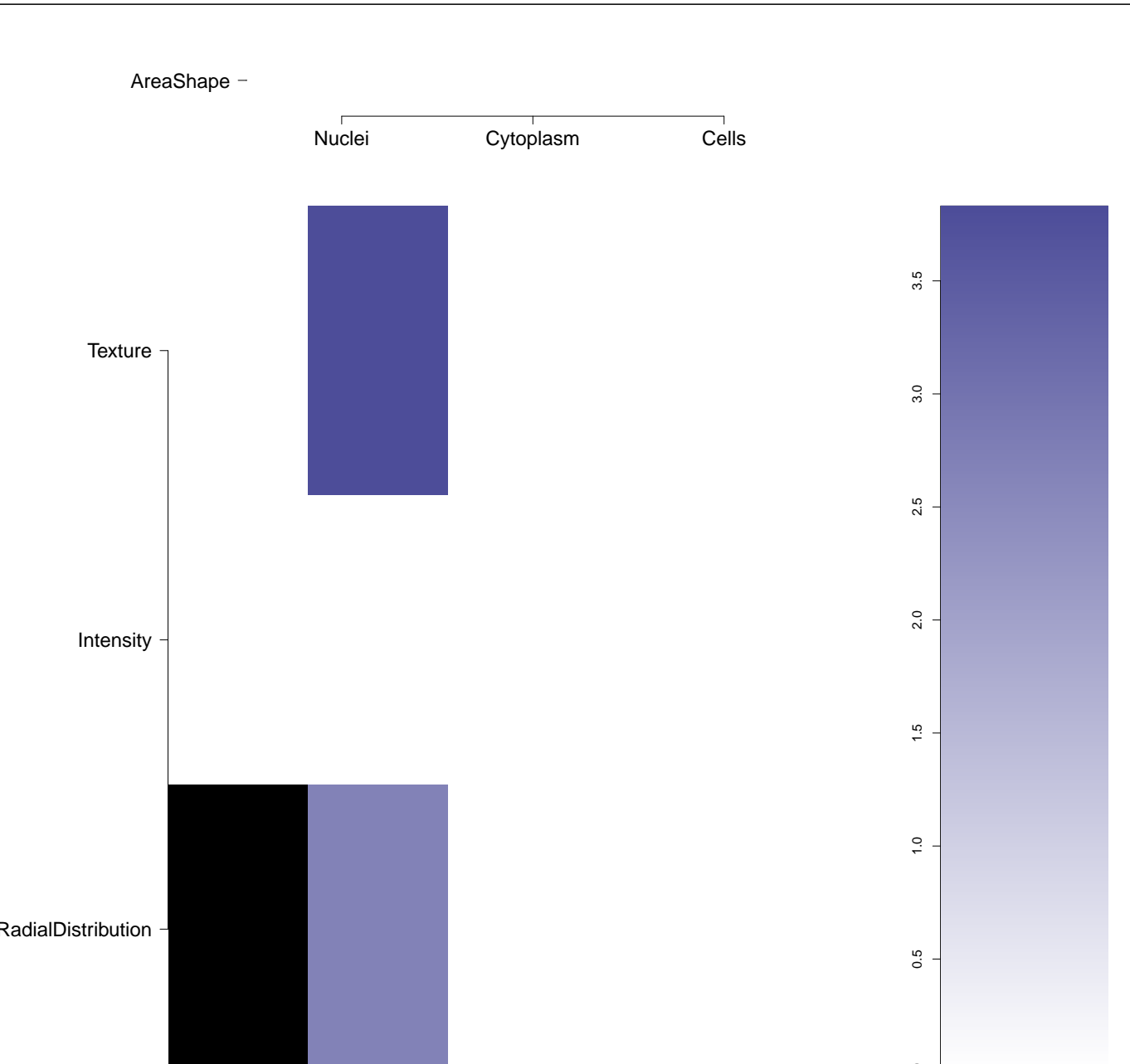

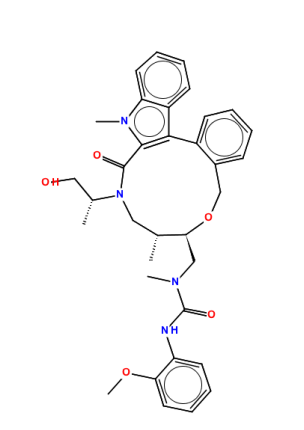
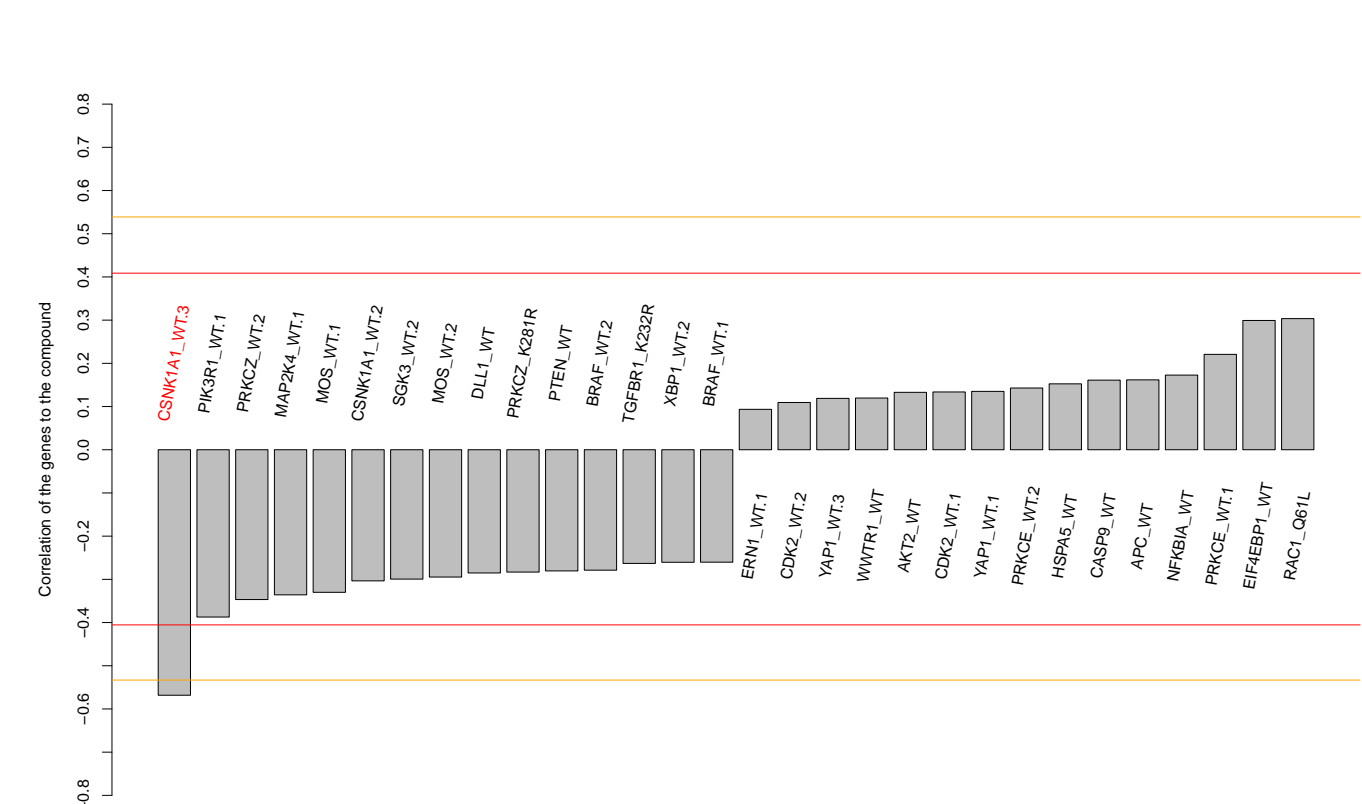
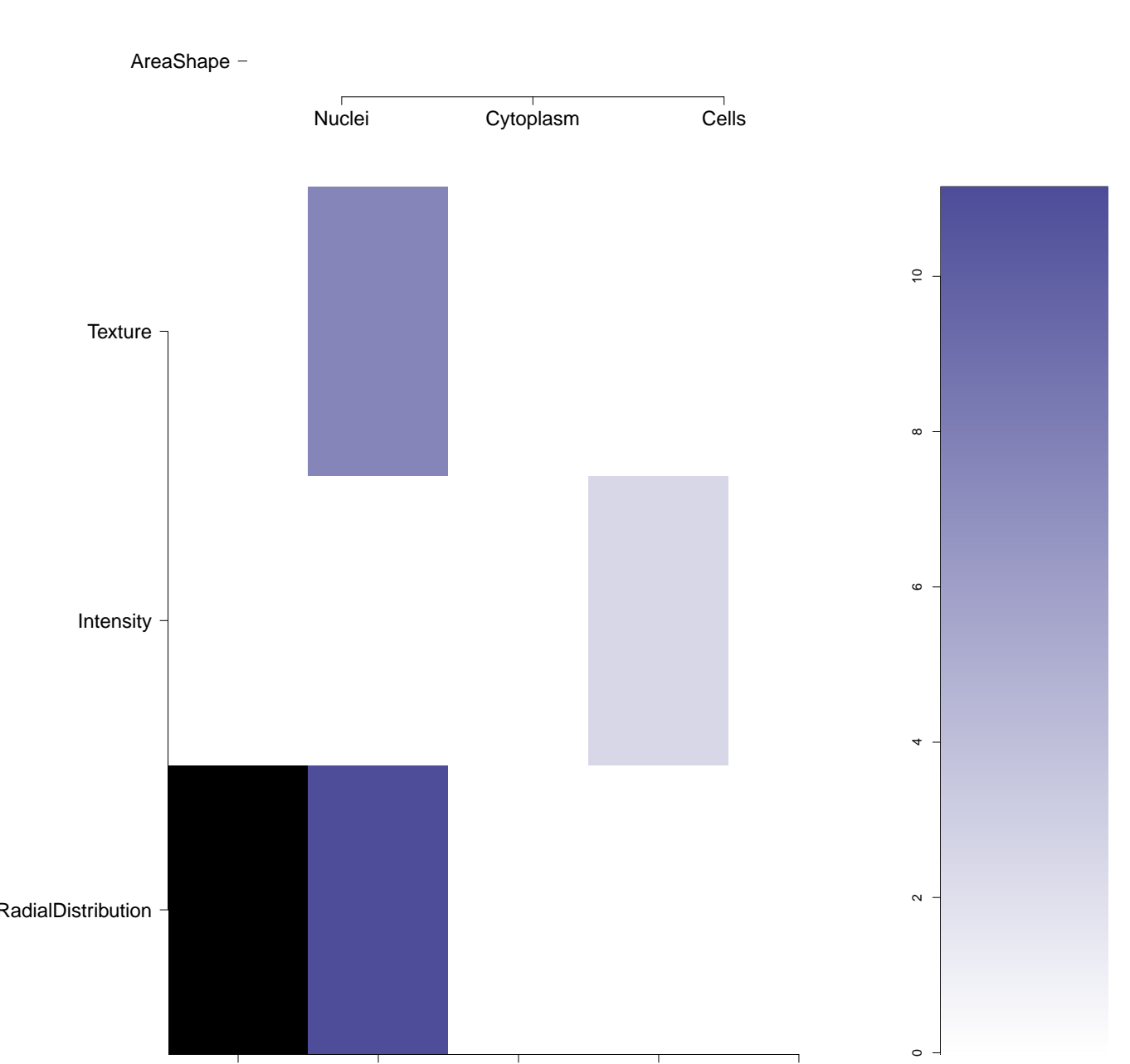
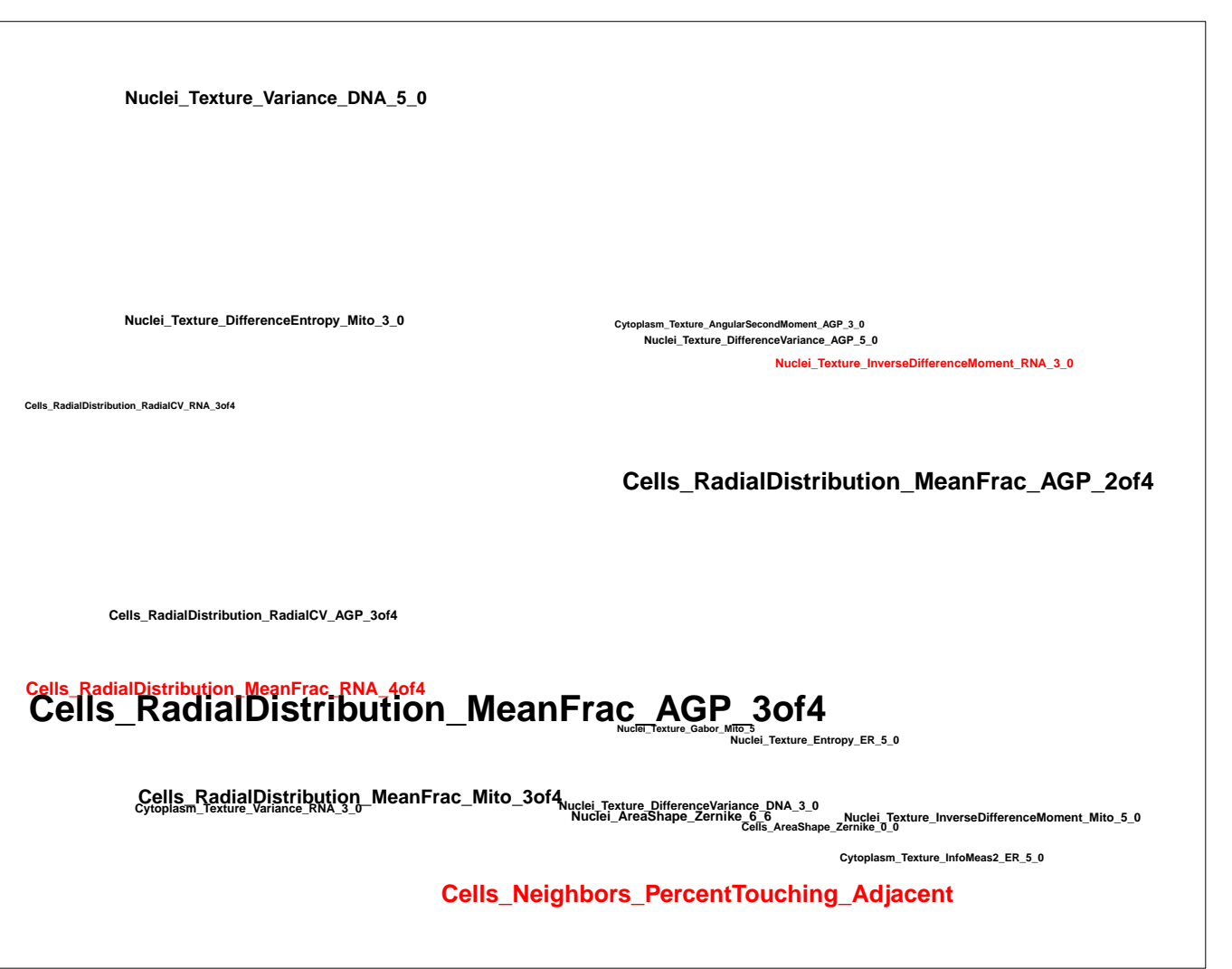
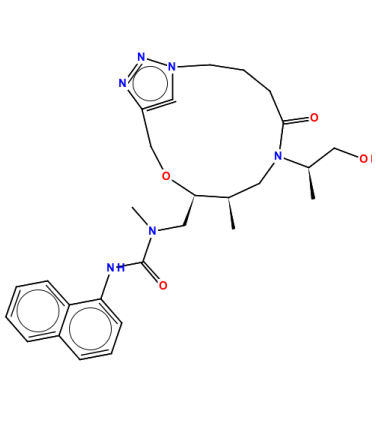
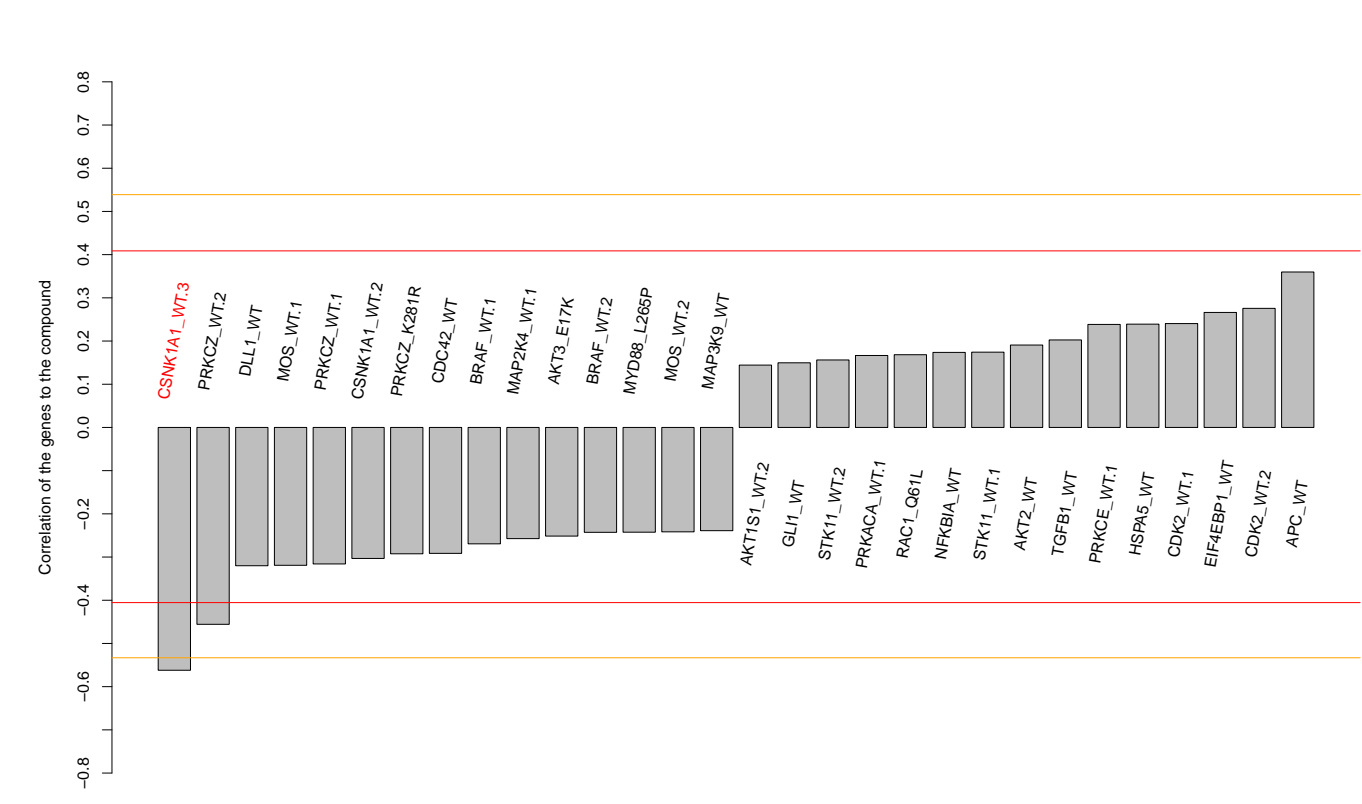
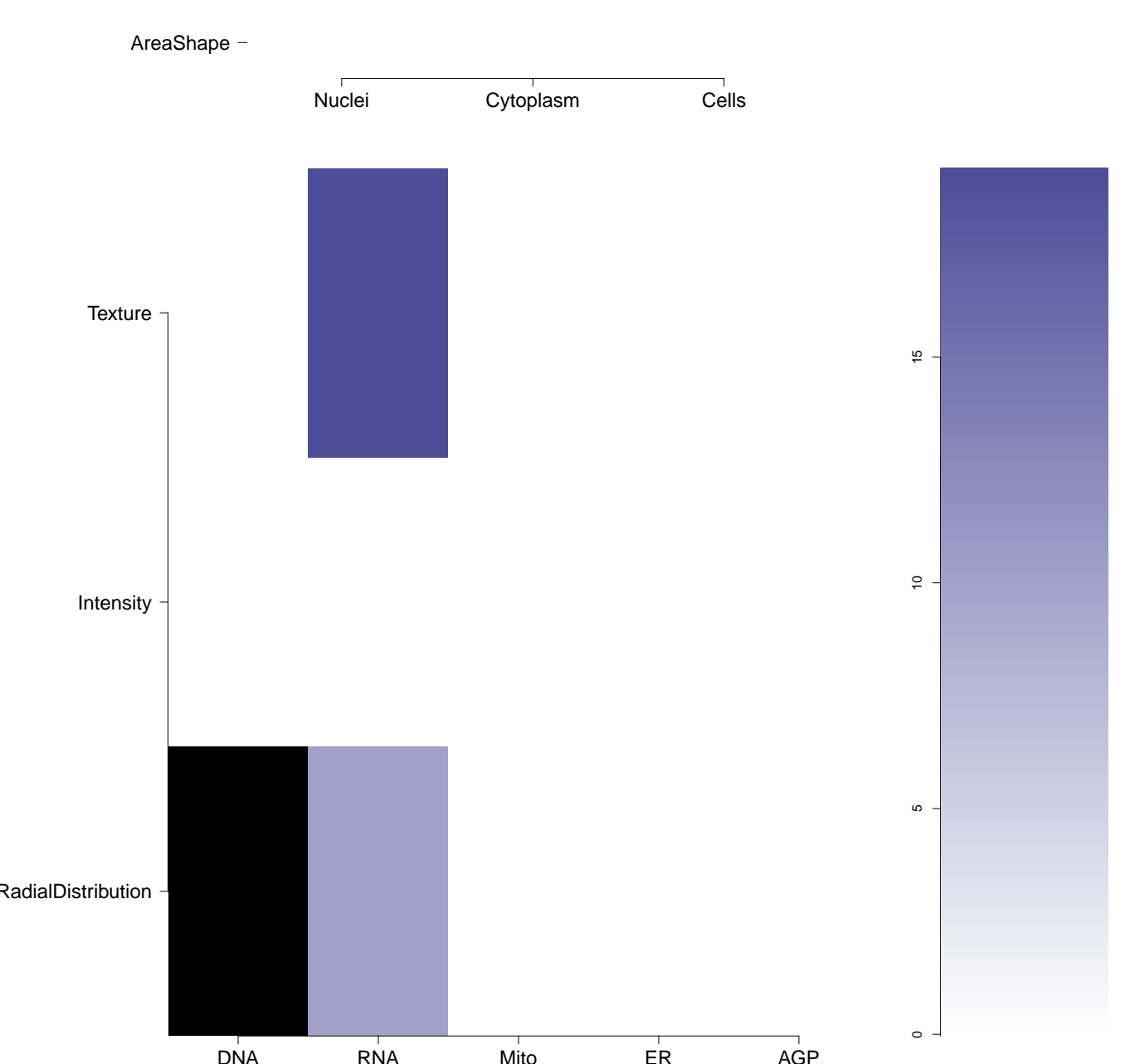
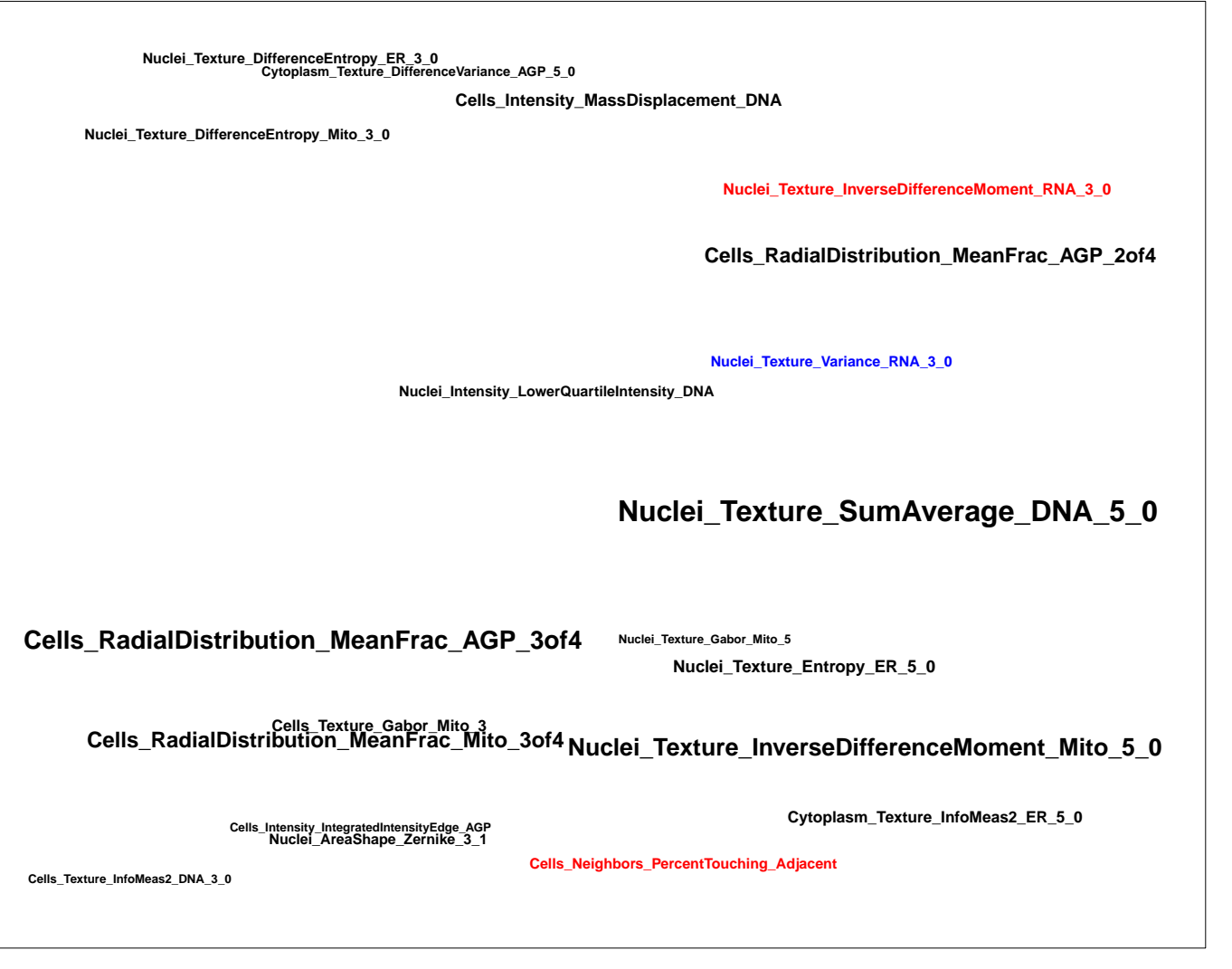
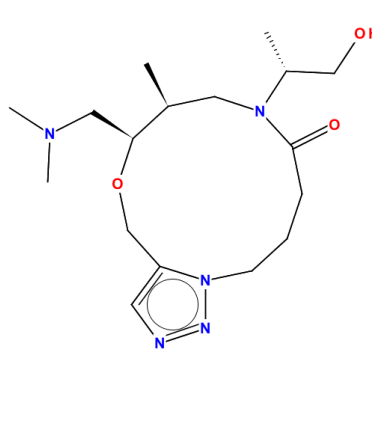
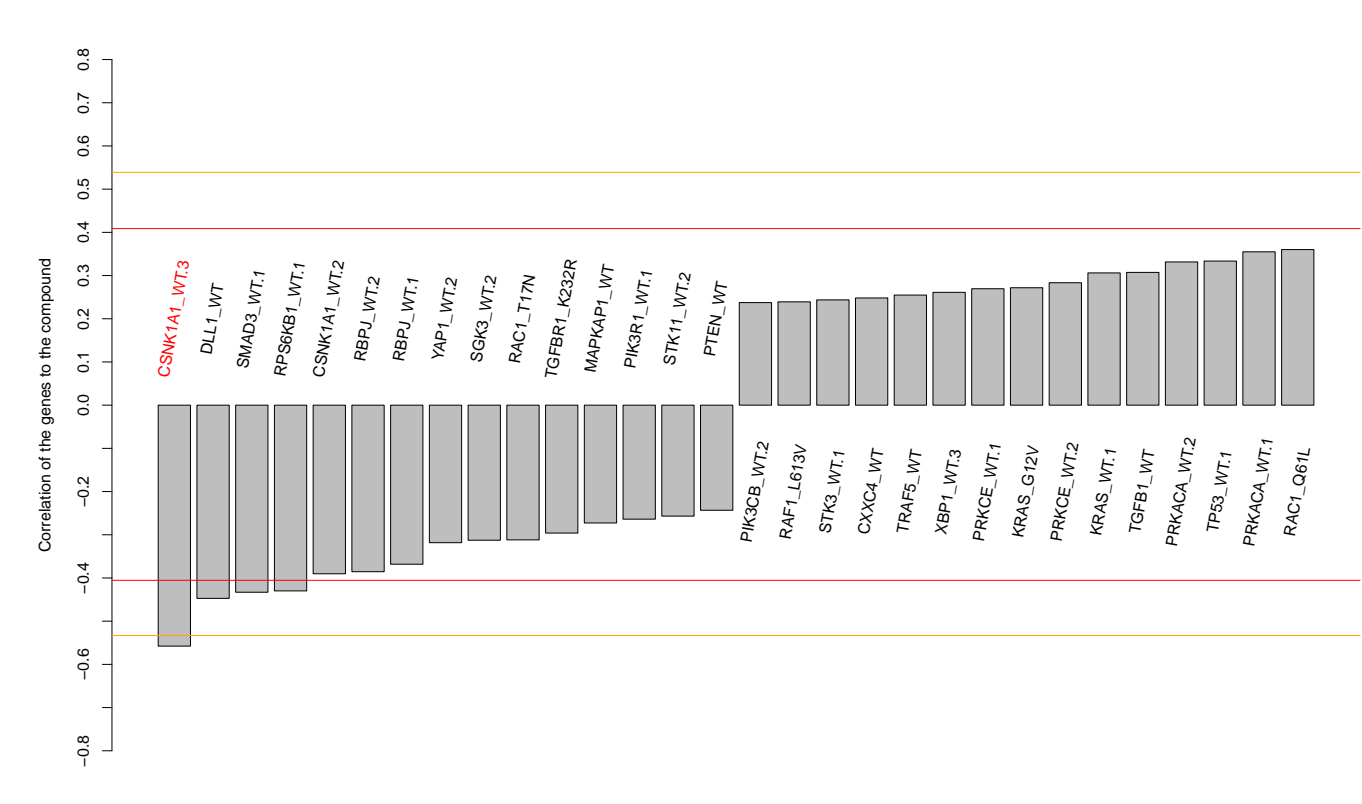
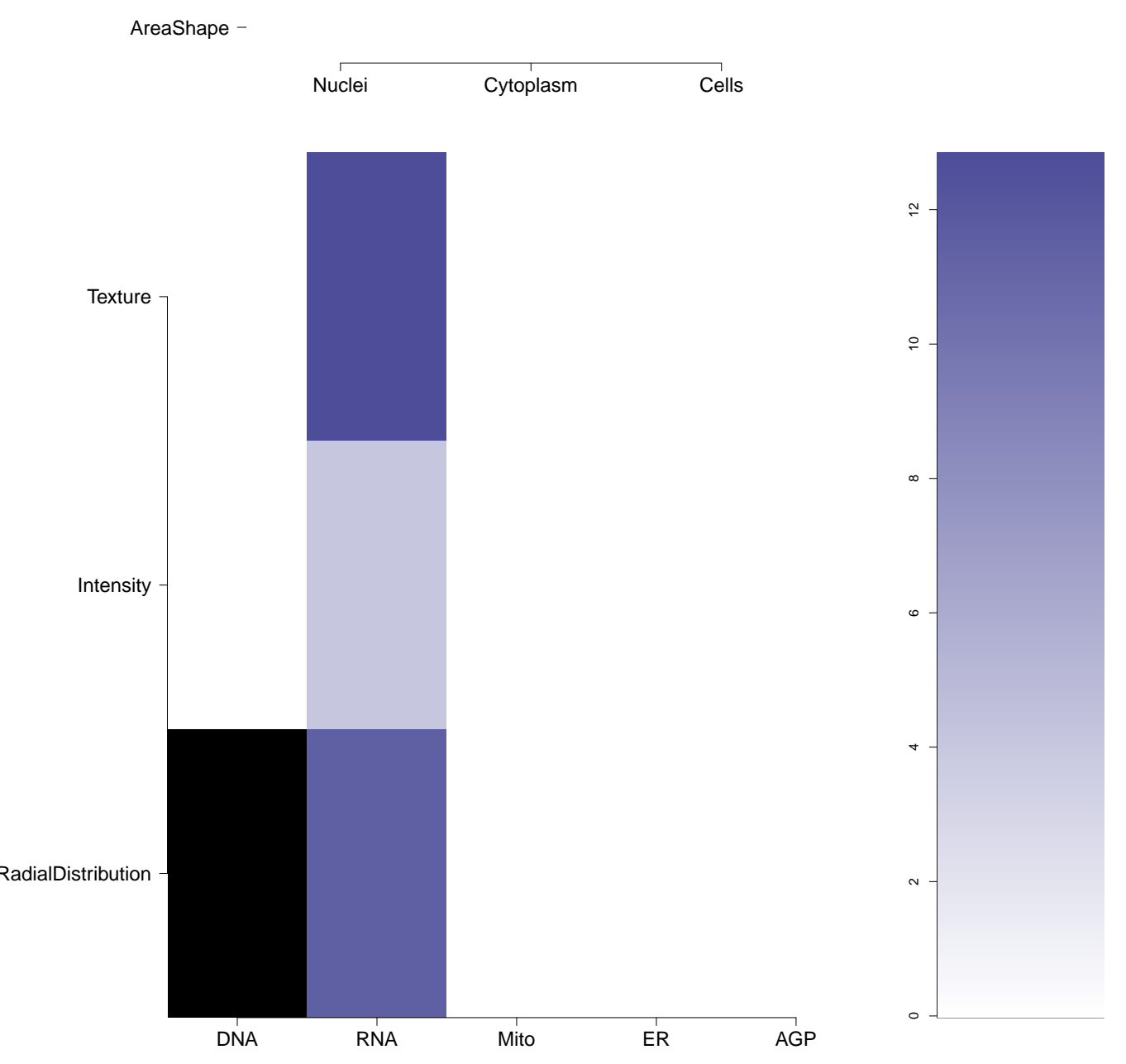
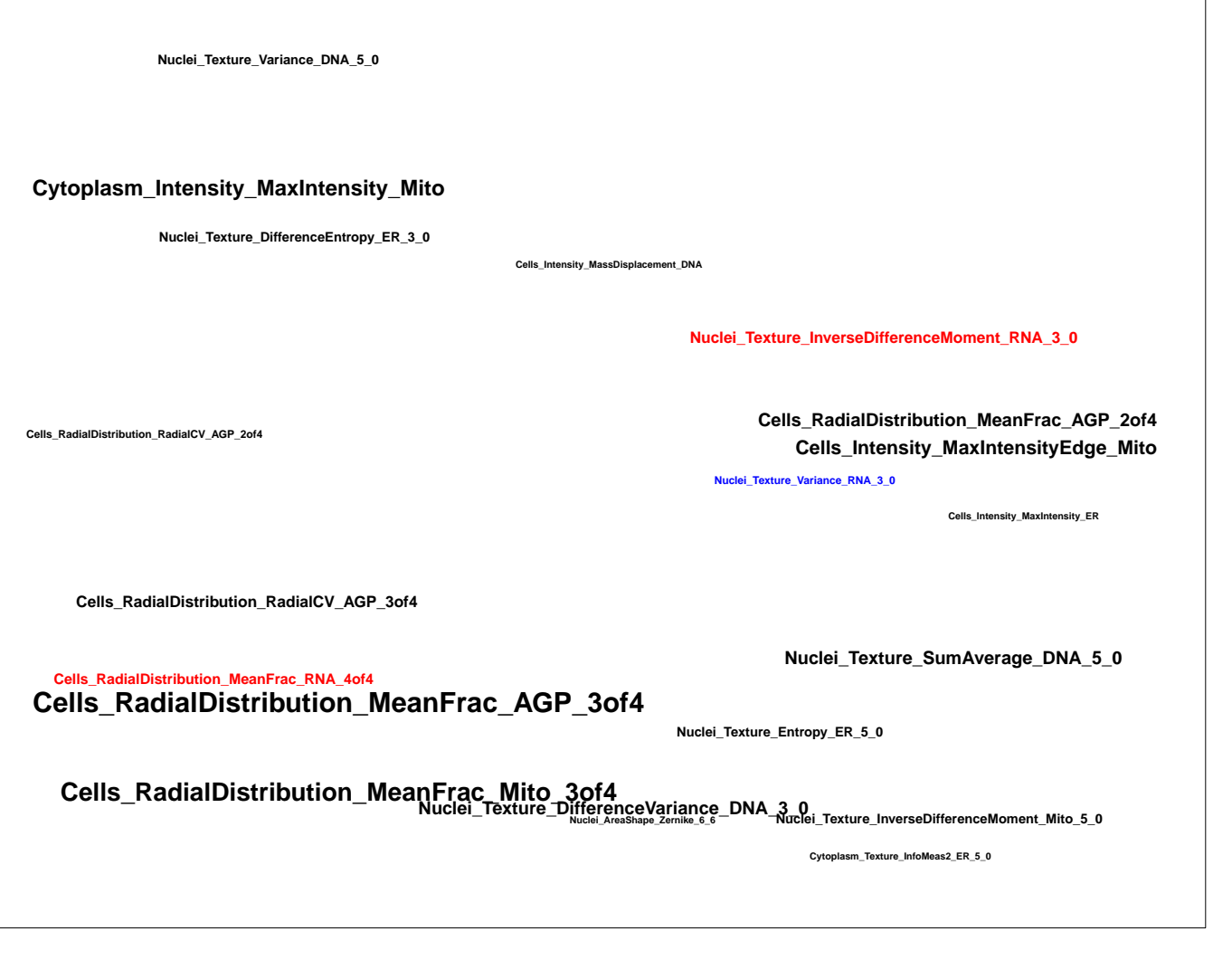
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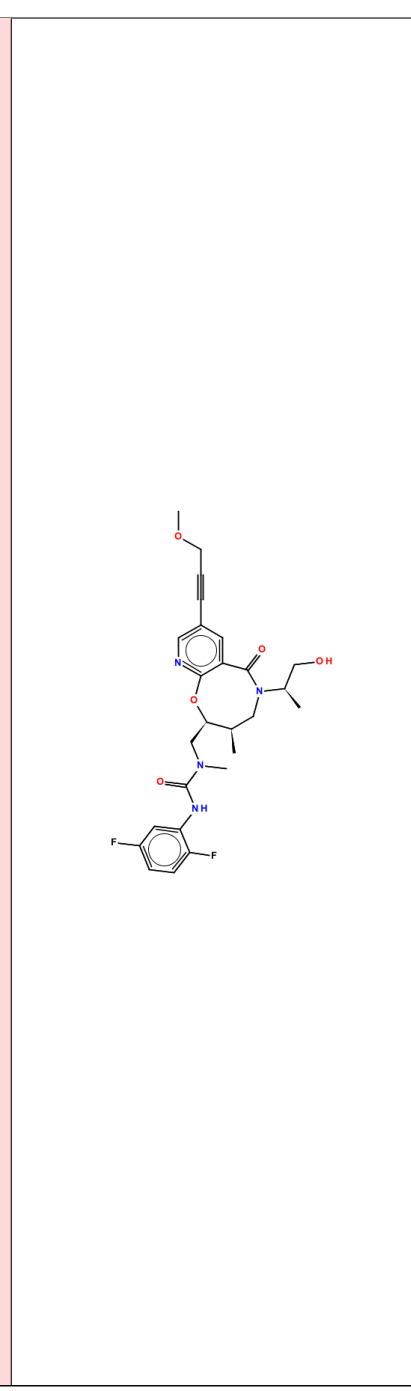
Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.51)	Correlation between compound 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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<p>BRD-K21575567-001-05-5</p> <p>T5287677</p> <p>SMR000243883</p> <p>ZINC03378621</p> <p>AC1M8XY1</p> <p>MLS000707809</p> <p>MLS003913042</p> <p>HMS2575N20</p> <p>ZINC3378621</p> <p>PubChem CID : 2496700</p>		<p>NA (in 1 replicates)</p>	<p>0.56</p>	<p>NA</p>				<p>Total number of assays tested in: 634. Active in the following assays:</p> <ul style="list-style-type: none"> • Multiplex HTS Assay for Inhibitors of MEK Kinase PB1 Domains, specifically MEK5 MEK Kinase3 Wildtype (AID 1529)
<p>BRD-K26720351-001-04-5</p> <p>F0324-0011</p> <p>SMR000235950</p> <p>AC1N2WPT</p> <p>MLS000722326</p> <p>HMS594A03</p> <p>HMS2562D13</p> <p>ZINC754028</p> <p>ZINC00754028</p> <p>EU-0037277</p> <p>PubChem CID : 4078248</p>		<p>NA (in 1 replicates)</p>	<p>0.56</p>	<p>NA</p>				<p>Total number of assays tested in: 585. Active in the following assays:</p> <ul style="list-style-type: none"> • High Throughput Screen to Identify Compounds that Suppress the Growth of Human Colon Tumor Cells Lacking Oncogenic Beta Catenin Expression (AID 818) • High Throughput Screen to Identify Compounds that Suppress the Growth of Cells with a Deletion of the PTEN Tumor Suppressor (AID 827) • qHTS of Mcl-1/Bcl interaction inhibitors (AID 1021) • High Throughput Screen to Identify Compounds that Suppress the Growth of Human Colon Tumor Cells Lacking Oncogenic Beta Catenin Expression - Dose Response (AID 1045) • High Throughput Screen to Identify Compounds that Suppress the Growth of Cells with a Deletion of the PTEN Tumor Suppressor - Dose Response (AID 1047) • Primary Cell-based High Throughput Screening Assay for Inhibitors of Wee1 Degradation (AID 1321) • HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732) • Primary qHTS for delayed death inhibitors of the malarial parasite plasid, 96 hour incubation (AID 504834) • HTS to identify compounds that promote myeloid differentiation with MLPCN compound set (AID 624256) • 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) • qHTS for induction of synthetic lethality in tumor cells producing 2HG: qHTS for the HT-1080-NT fibrosarcoma cell line (AID 686870) • qHTS for induction of synthetic lethality in tumor cells producing 2HG: qHTS for the HT-1080-IDH1KD cell line (AID 686971)
<p>BRD-K23968250-001-05-2</p> <p>SMR000207432</p> <p>MLS000585450</p> <p>BDBM53820</p> <p>HMS2584F24</p> <p>PubChem CID : 12005455</p>		<p>NA (in 1 replicates)</p>	<p>0.55</p>	<p>NA</p>				<p>Total number of assays tested in: 631. Active in the following assays:</p> <ul style="list-style-type: none"> • Leishmania major promastigote HTS (AID 1063) • Inhibitors of Plasmodium falciparum M1- Family Aryl Amino peptidase (M1AAP) (AID 1445) • ARNT-TAC3: AlphaScreen HTS to detect disruption of ARNT/TAC3 interactions Measured in Biochemical System Using Plate Reader - 2158-01 Inhibitor.SinglePoint.HTS Activity (AID 623870) • qHTS Assay for Inhibitors of the C3BP/E1A Interaction (AID 651724)
<p>BRD-K27233975-001-05-1</p> <p>F3226-3058</p> <p>MLS000538242</p> <p>AC1LOPUR</p> <p>HMS2431B17</p> <p>ZINC1052585</p> <p>ZINC01052585</p> <p>SMR000144284</p> <p>ST50178340</p> <p>T6107082</p> <p>PubChem CID : 1244474</p>		<p>NA (in 1 replicates)</p>	<p>0.52</p>	<p>NA</p>				<p>Total number of assays tested in: 674. Active in the following assays:</p> <ul style="list-style-type: none"> • qHTS for identification of Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 485346) • Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483)
<p>BRD-K94087238-001-05-2</p> <p>ZINC01128621</p> <p>STK254633</p> <p>AC1LPBZZ</p> <p>MLS000675714</p> <p>HMS2620L19</p> <p>ZINC1128621</p> <p>SMR000292100</p> <p>PubChem CID : 1304083</p>		<p>NA (in 1 replicates)</p>	<p>0.51</p>	<p>NA</p>				<p>Total number of assays tested in: 619. Active in the following assays:</p> <ul style="list-style-type: none"> • Primary cell-based high throughput screening assay to measure STAT3 activation (AID 871) • Confirmation cell-based high throughput screening assay to measure STAT3 activation (AID 1267) • QFRET-based counterscreen for PFM18AAP inhibitors: biochemical high throughput screening assay to identify inhibitors of the Cathepsin L proteinase (CTSL1). (AID 1906) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • VP16 counterscreen qHTS for inhibitors of ROR gamma transcriptional activity (AID 2546) • qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551) • Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796) • qHTS identification of small molecule inhibitors of tim10.1 yeast via a luminescent assay (AID 463190) • qHTS identification of small molecule inhibitors of tim10 yeast via a luminescent assay (AID 463195) • Single concentration confirmation of small molecule inhibitors of tim10 yeast via a luminescent assay (AID 463215) • HTS using Di-HDL to assay lipid transfer in IdA[SR-BI] cells Measured in Cell-Based System Using Plate Reader - 2085-01 Inhibitor.SinglePoint.HTS Activity (AID 488896) • qHTS Assay for Inhibitors of BAZ2B (AID 504333) • HTS for Inhibitors of HPI-beta Chromodomain Interactions with Methylated Histone Tails (AID 540317) • qHTS of GLP-1 Receptor Inverse Agonists (Inhibition Mode) (AID 624417) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979)

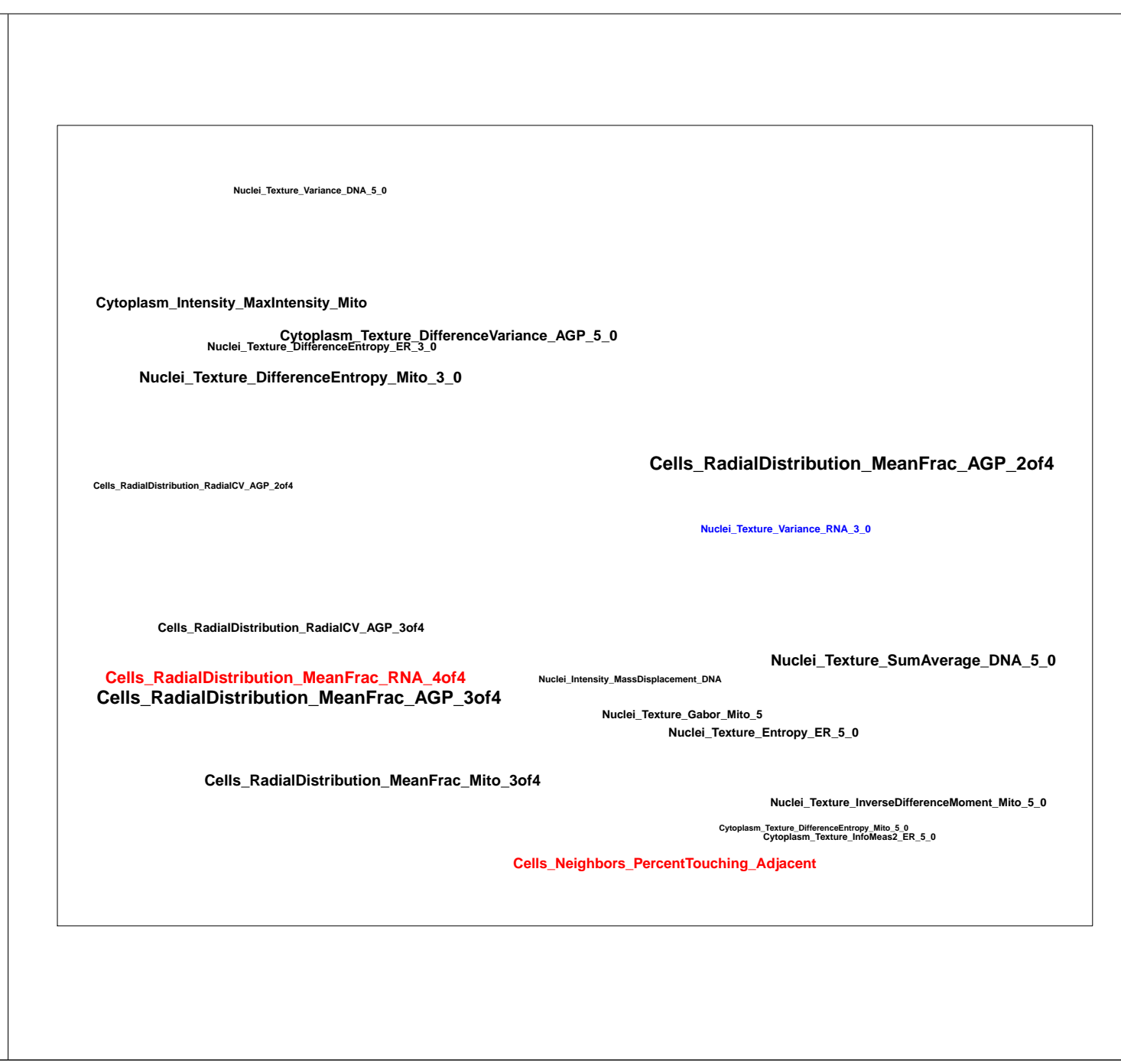
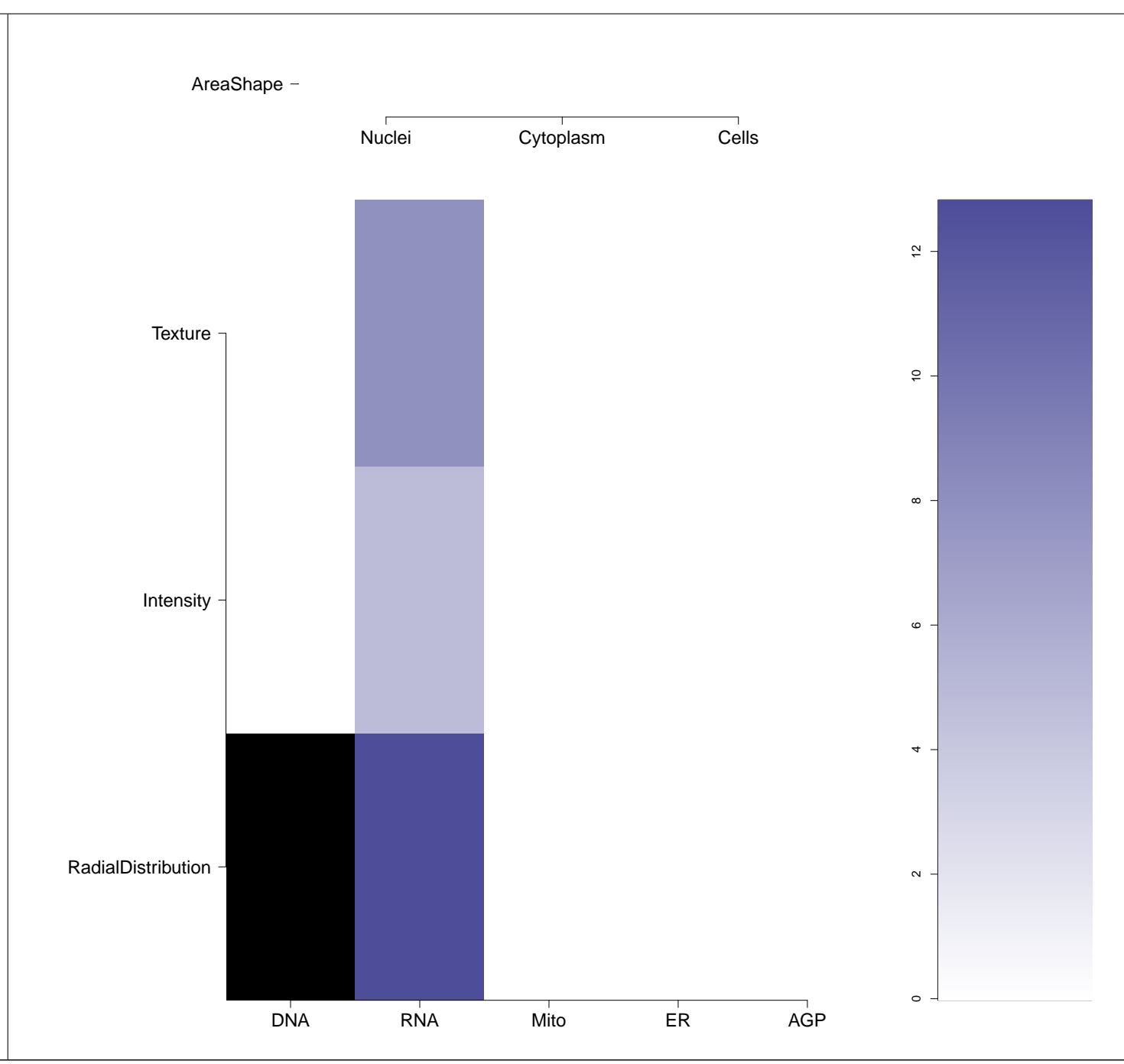
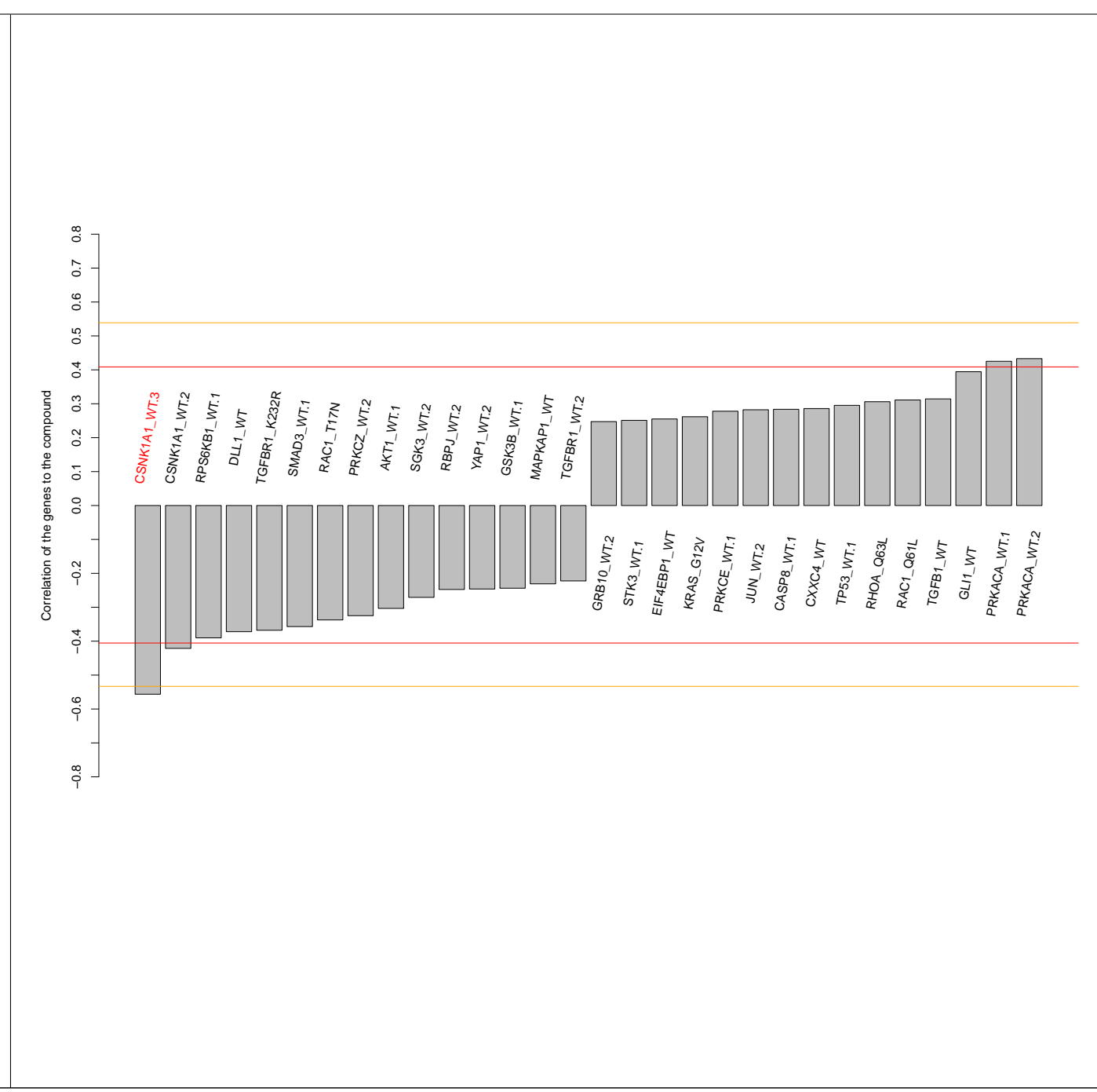
BRD-K20084348-001-05-5 BAS 00516715 AC1NXPN9 MLS000026868 SMR000122889 PubChem CID : 5757535		NA (in 1 replicates)	0.51	NA				<p>Total number of assays tested in: 695. Active in the following assays:</p> <ul style="list-style-type: none"> Human H69AR Lung Tumor Cell Growth Inhibition Assay - 86K Screen (AID 598) Luminescent assay for HTS discovery of chemical activators of placental alkaline phosphatase (AID 696) CYP2C9 Assay (AID 777) MLPCN Streptokinase Expression Inhibition (AID 1662) Counter screen for compounds that inhibit/block inward-rectifying potassium ion channel Kir2.1 (AID 2105) Primary cell-based high-throughput screening assay for identification of compounds that potentiate KCNQ2 potassium channels (AID 2239) Counter screen for compounds that potentiate KCNQ2 potassium channels (AID 2282) Confirmatory screen for compounds that potentiate KCNQ2 potassium channels (AID 2287) Inhibitors of Cav3 T-type Calcium Channels: Primary Screen (AID 449739) A Cell Based Secondary Assay to Explore Cytotoxicity in THP-1 Cells of Compounds that Modulate Non-Replicating, Drug-tolerant Mycobacterium tuberculosis (AID 489025) A Cell Based Secondary Assay to Explore Cytotoxicity in Vero E6 Cells of Compounds that Modulate Non-Replicating, Drug-tolerant Mycobacterium tuberculosis (AID 492952) A Cell Based Secondary Assay to Explore Cytotoxicity in Vero E6 Cells of Compounds that Modulate Non-Replicating, Drug-tolerant Mycobacterium tuberculosis (AID 492998) nHTS identification of small molecule modulators of myocardial damage (AID 588492) ARNT-TAC3: AlphaScreen HTS to detect disruption of ARNT/TAC3 interactions Measured in Biochemical System Using Plate Reader - 2158-01 Inhibitor.SinglePoint.HTS-Activity (AID 623870)
BRD-K75910910-001-05-3 ZINC01126803 AC1LP82S MLS000535166 HMS2324O04 ZINC1126803 STK971512 CCG-148065 SMR000142602 PubChem CID : 1302670		NA (in 1 replicates)	0.50	NA				<p>Total number of assays tested in: 685. Active in the following assays:</p> <ul style="list-style-type: none"> Cytochrome panel assay with activity outcomes (AID 1851)
BRD-K34381341-001-06-4 ZINC00316745 AC1LFPAP BAS 04087146 MLS000678408 HMS1554O20 HMS2622J04 ZINC316745 STK365062 SMR000284973 ST50018871 PB198763036 F0537-1341 PubChem CID : 806702		0.53 (in 3 replicates)	0.46	NA				<p>Total number of assays tested in: 637. Active in the following assays:</p> <ul style="list-style-type: none"> Primary cell-based high throughput screening assay to measure STAT1 activation (AID 932) Confirmation cell-based high throughput screening assay to measure STAT1 activation (AID 1262) Counterscreen assay for STAT1 activators: Cell-based high throughput assay to measure NF-kappaB activation (AID 1306) Counterscreen assay for STAT1 activators: Cell-based high throughput assay to measure STAT3 activation (AID 1316) qHTS Assay for Enhancers of SMN2 Splice Variant Expression (AID 1458) MLPCN Alpha-Synuclein 5'UTR - 5'UTR binding - activators (AID 1814) qHTS Assay for Modulators of miRNAs and/or Inhibitors of miR-21 (AID 2289) Cyclodextride 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 (AID 485313) qHTS for Small Molecule Agonists and Allosteric Enhancers of Human TRH Receptor: Primary Screen for Enhancers (AID 493056) 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 743050)
BRD-K51844455-001-01-2 PubChem CID : 54649063		0.61 (in 2 replicates)	0.43	0.014				<p>Total number of assays tested in: 33.</p>
BRD-K04575404-001-01-2 PubChem CID : 54649250		0.74 (in 2 replicates)	-0.63	0.238				<p>Total number of assays tested in: 33.</p>
BRD-K76431854-001-01-6 PubChem CID : 56835376		0.78 (in 3 replicates)	-0.61	0.238				<p>Total number of assays tested in: 33.</p>

BRD-K17266676-001-02-2 MLS003129436 SMR001833882 PubChem CID : 44505189		0.97 (in 3 replicates)	-0.60	0.771				Total number of assays tested in: 225.
BRD-K14997413-001-01-5 PubChem CID : 44494941		0.91 (in 2 replicates)	-0.59	0.238				Total number of assays tested in: 33.
BRD-K67669478-001-01-8 PubChem CID : 44490869		0.60 (in 3 replicates)	-0.58	0.238				Total number of assays tested in: 50.
BRD-K0955199-001-01-8 PubChem CID : 54649229		0.58 (in 2 replicates)	-0.57	0.760				Total number of assays tested in: 36.
BRD-K82254412-001-01-9 PubChem CID : 54638154		0.81 (in 3 replicates)	-0.57	0.238				Total number of assays tested in: 36.
BRD-K39245862-001-01-6 PubChem CID : 44486969		0.94 (in 3 replicates)	-0.56	0.883				Total number of assays tested in: 39.
BRD-K33933950-001-01-6 PubChem CID : 44488167		0.90 (in 2 replicates)	-0.56	0.807				Total number of assays tested in: 49.

BRD-K14396276-001-01-6
PubChem CID : 54618105



0.84 (in 4 replicates)



Total number of assays tested in: 34.