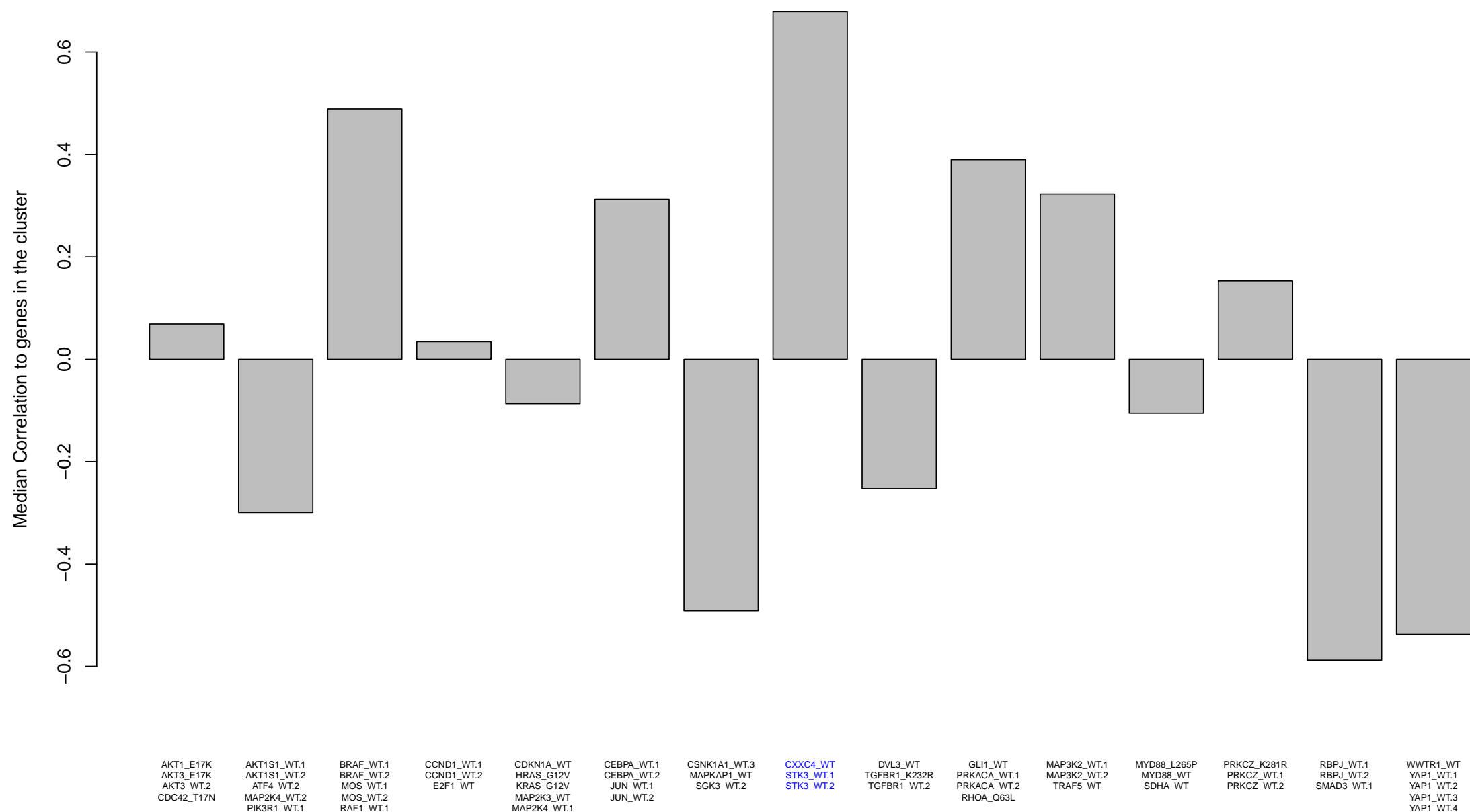


How similar is this cluster to the other clusters?

Genes in the cluster along with the pathways as annotated by experts

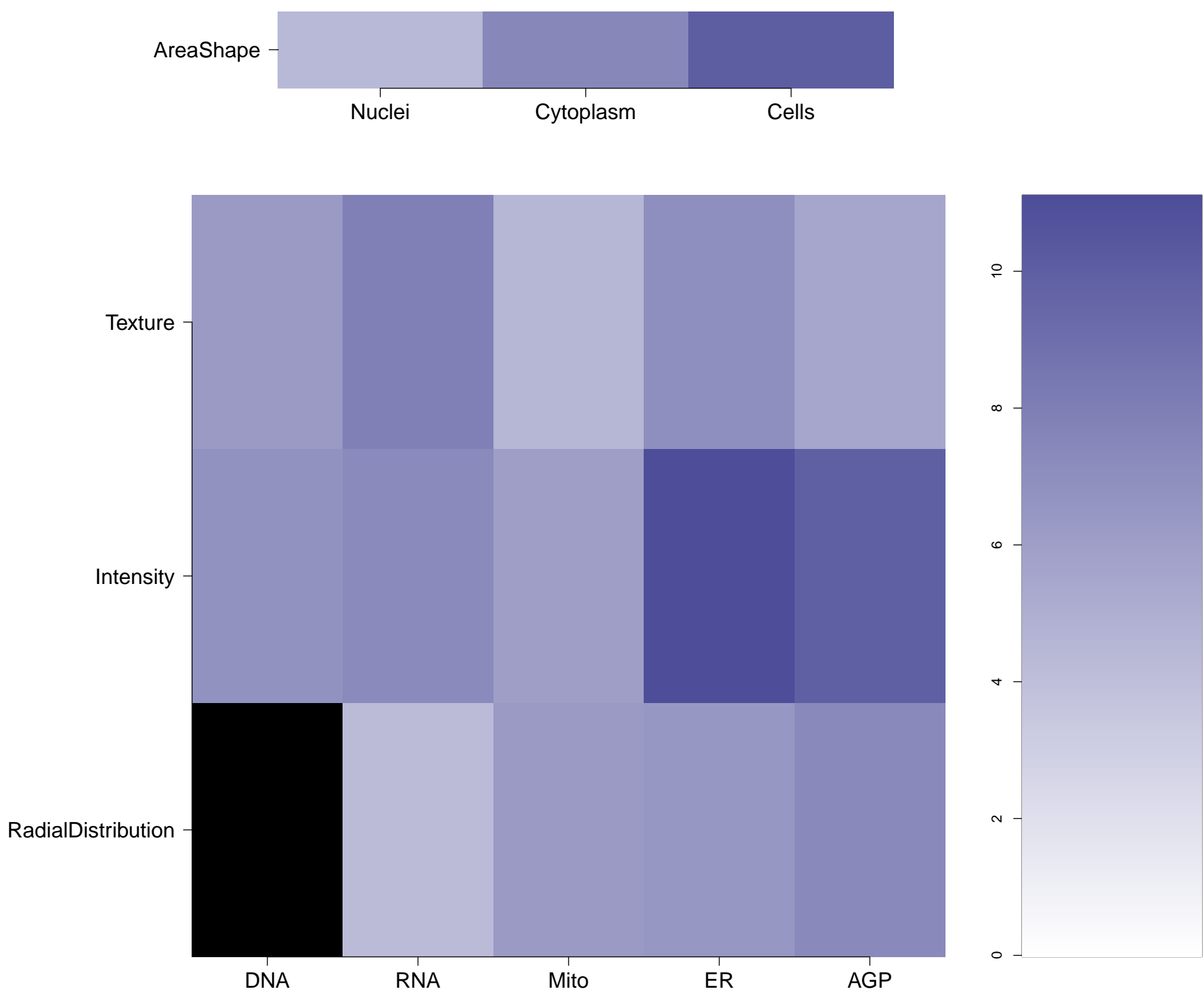
Expert Annotation		
Treatment	Pathway	Regulation Type
STK3.WT.1	Canonical Hippo	Activator
STK3.WT.2	Canonical Hippo	Activator
CXXC4.WT	WNT	Inhibitor



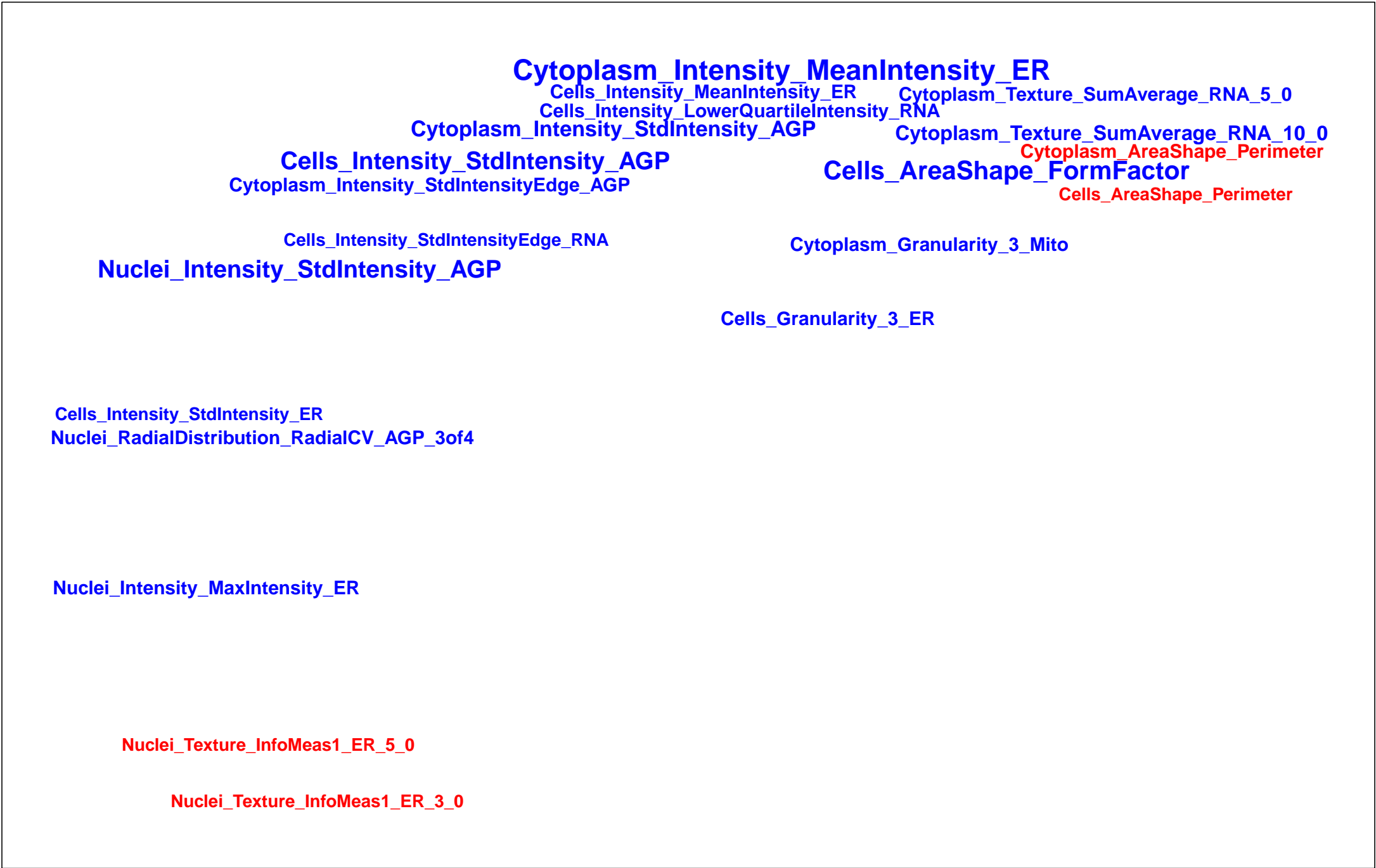
Top 5 genes negatively correlated to the cluster

Expert Annotation			Mean Correlation	Standard Deviation
Treatment	Pathway	Regulation Type		
STK11.WT.2	Canonical TOR	Inhibitor	-0.68	0.04
MAPKAP1.WT	Canonical TOR	Activator	-0.64	0.11
YAP1.WT.2	Canonical Hippo	Inhibitor	-0.64	0.13
RBPJ.WT.2	NOTCH	Activator	-0.60	0.09
YAP1.WT.4	Canonical Hippo	Inhibitor	-0.59	0.08

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 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.



How strongly are genes within the cluster correlated?

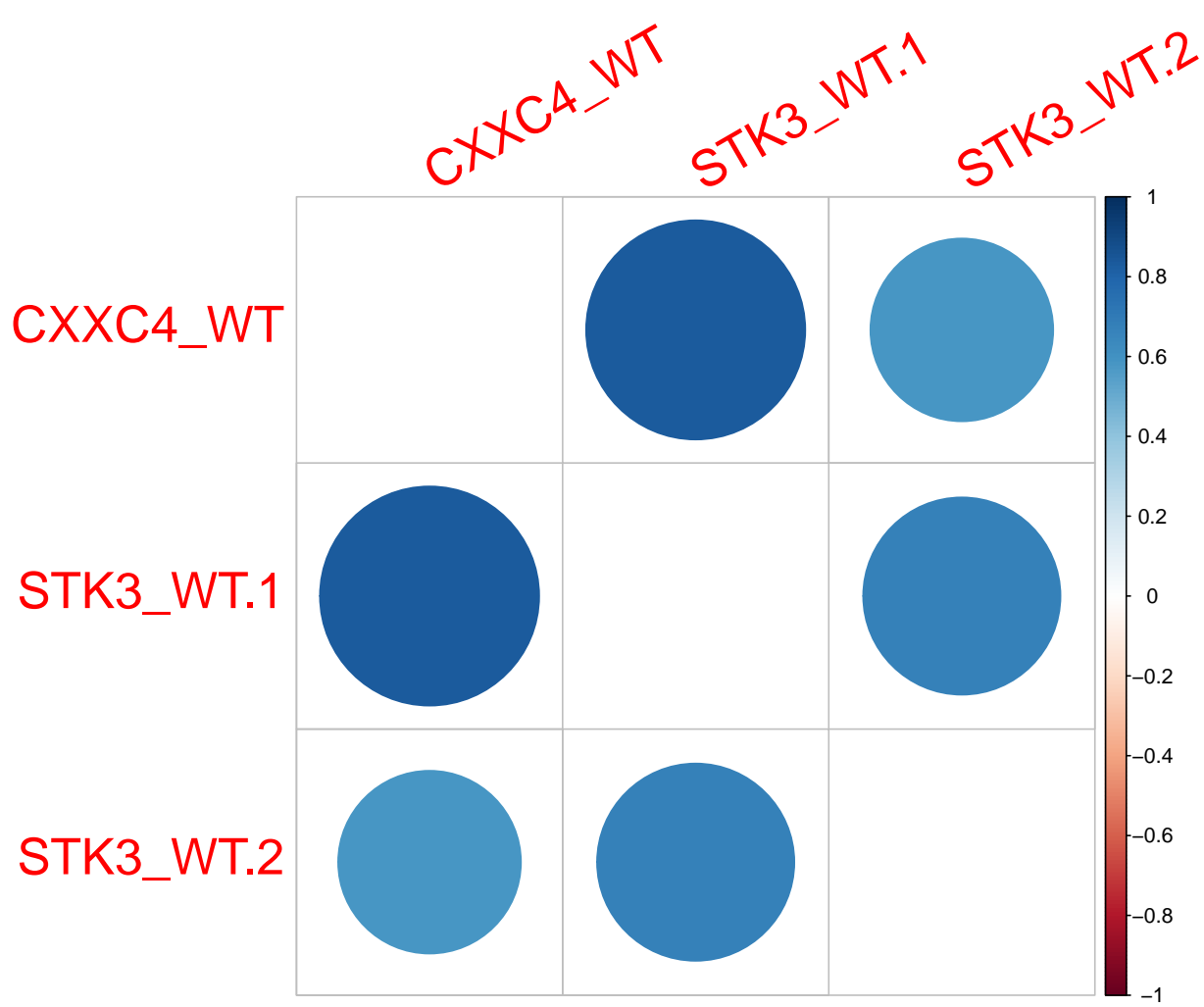
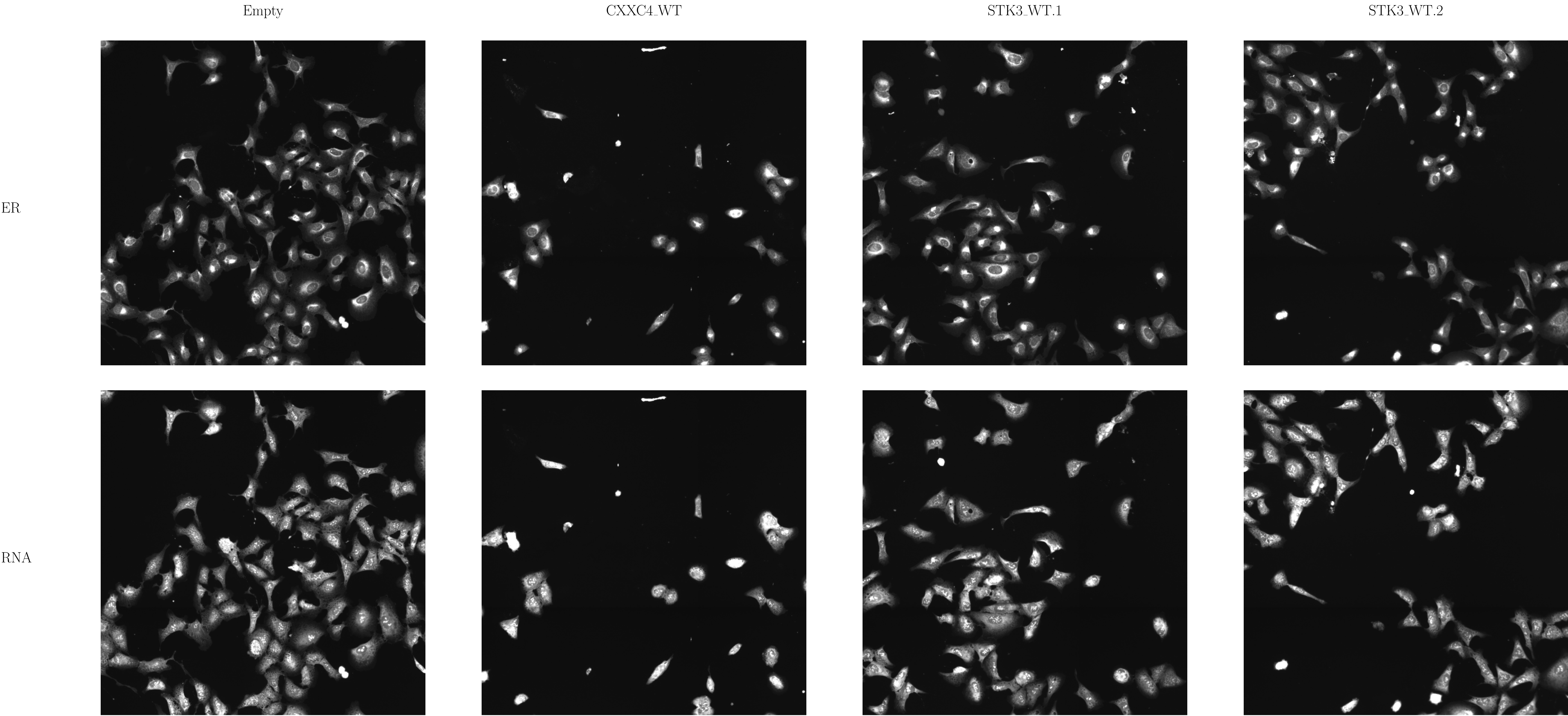
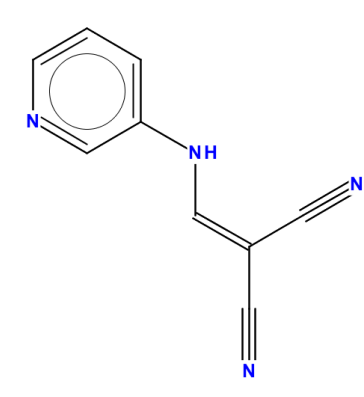
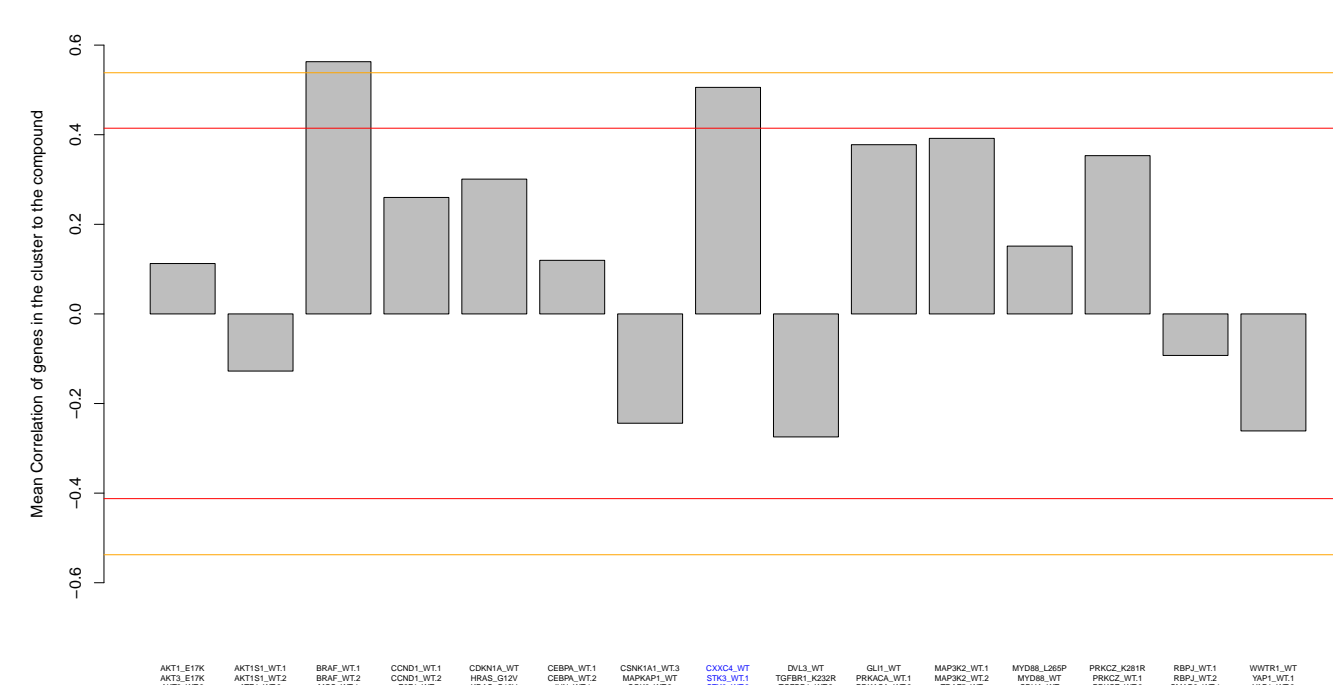
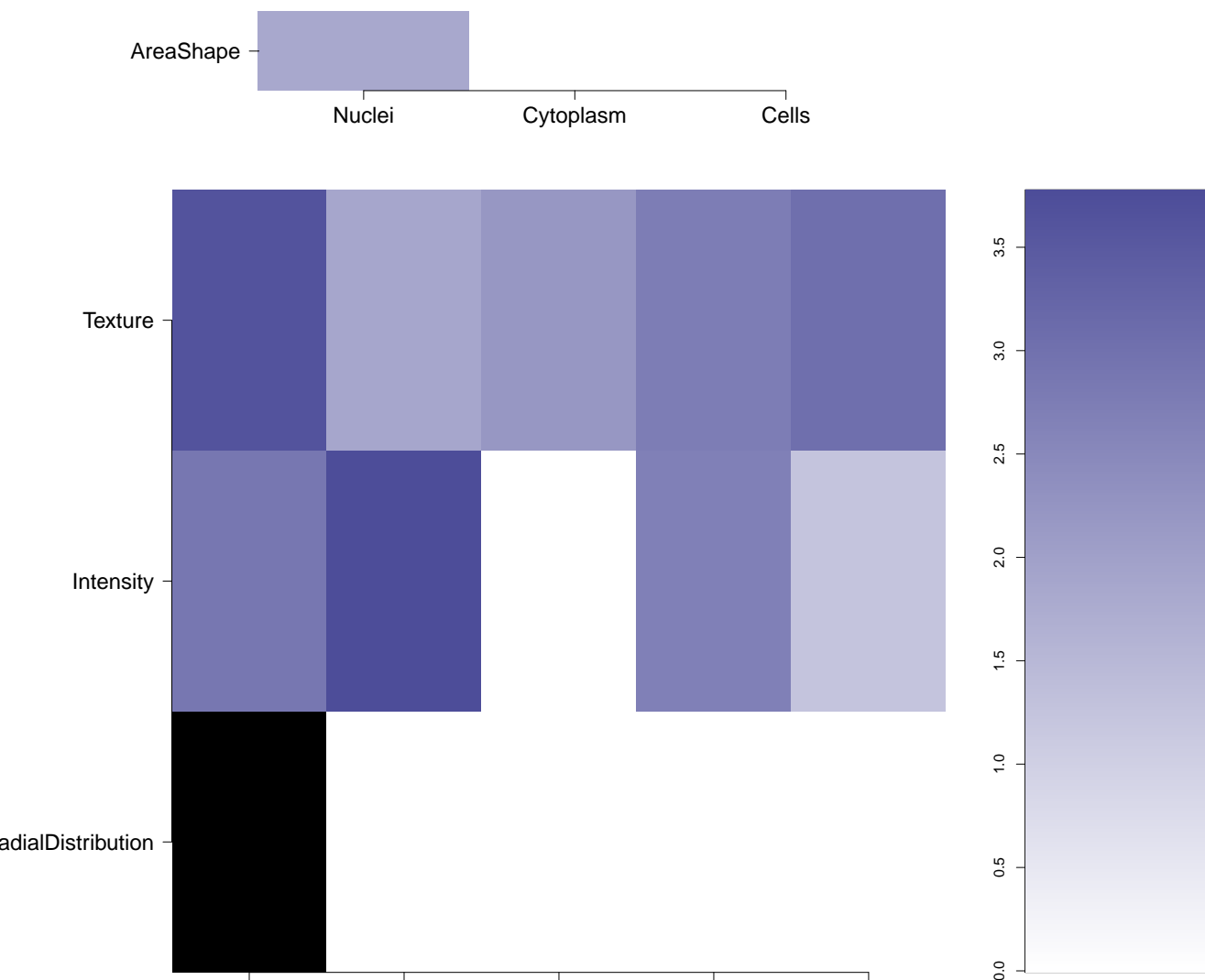
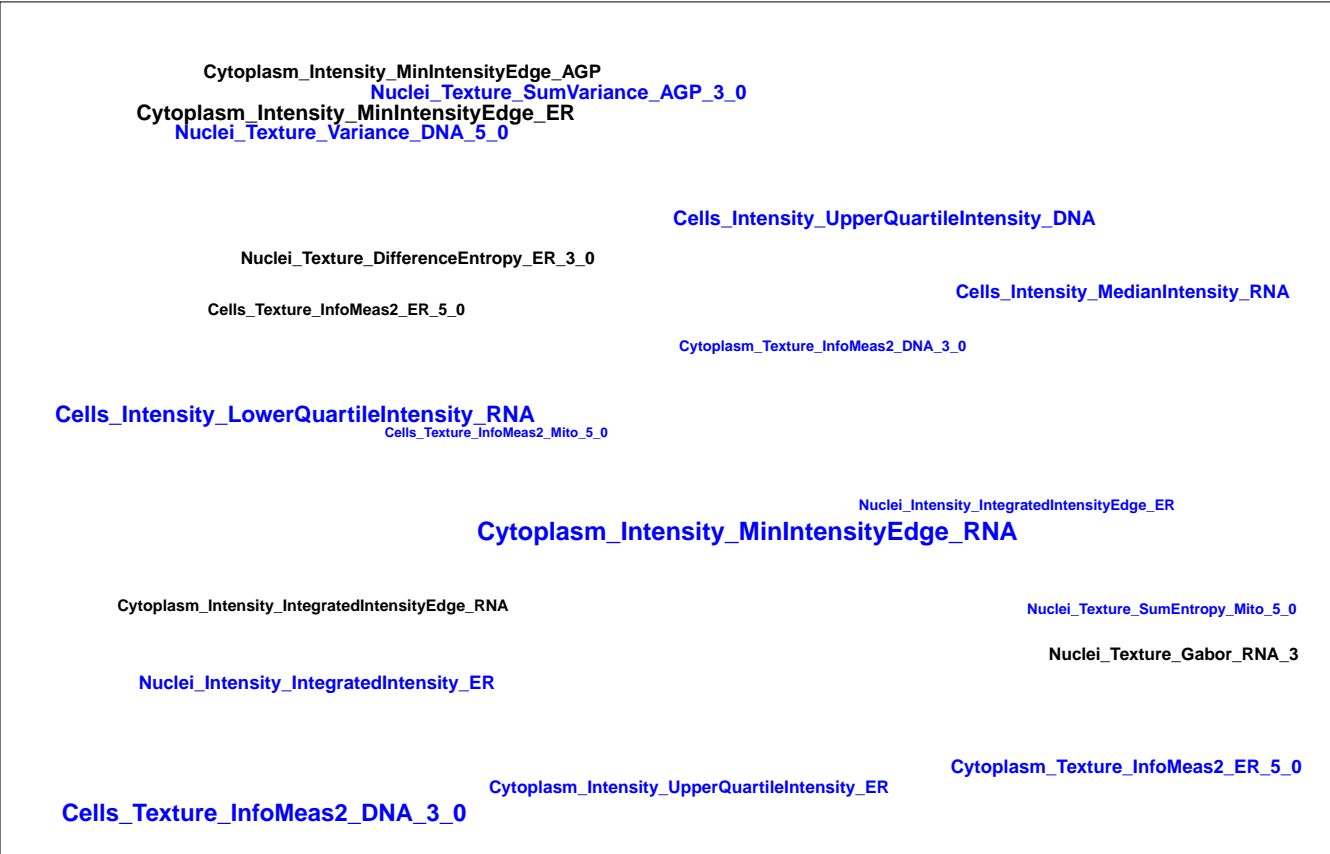
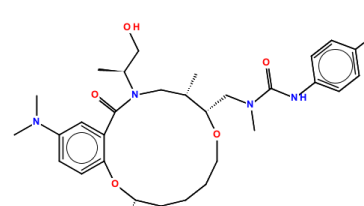
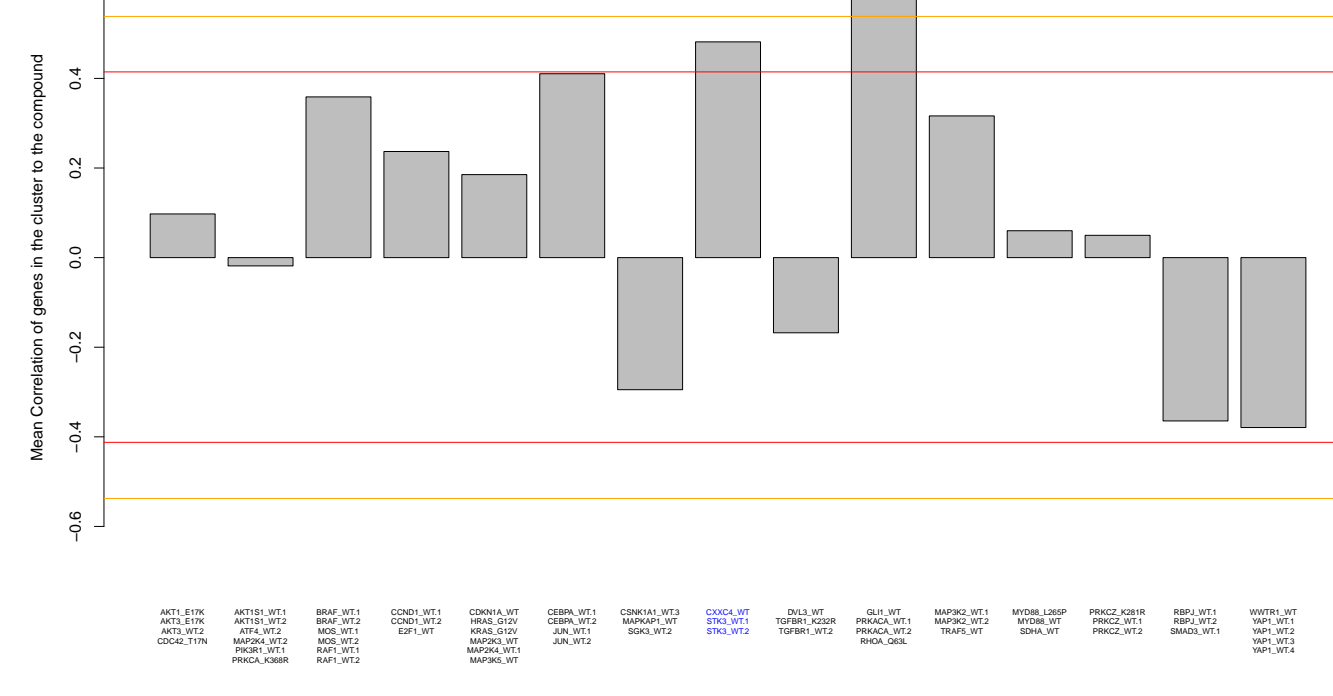
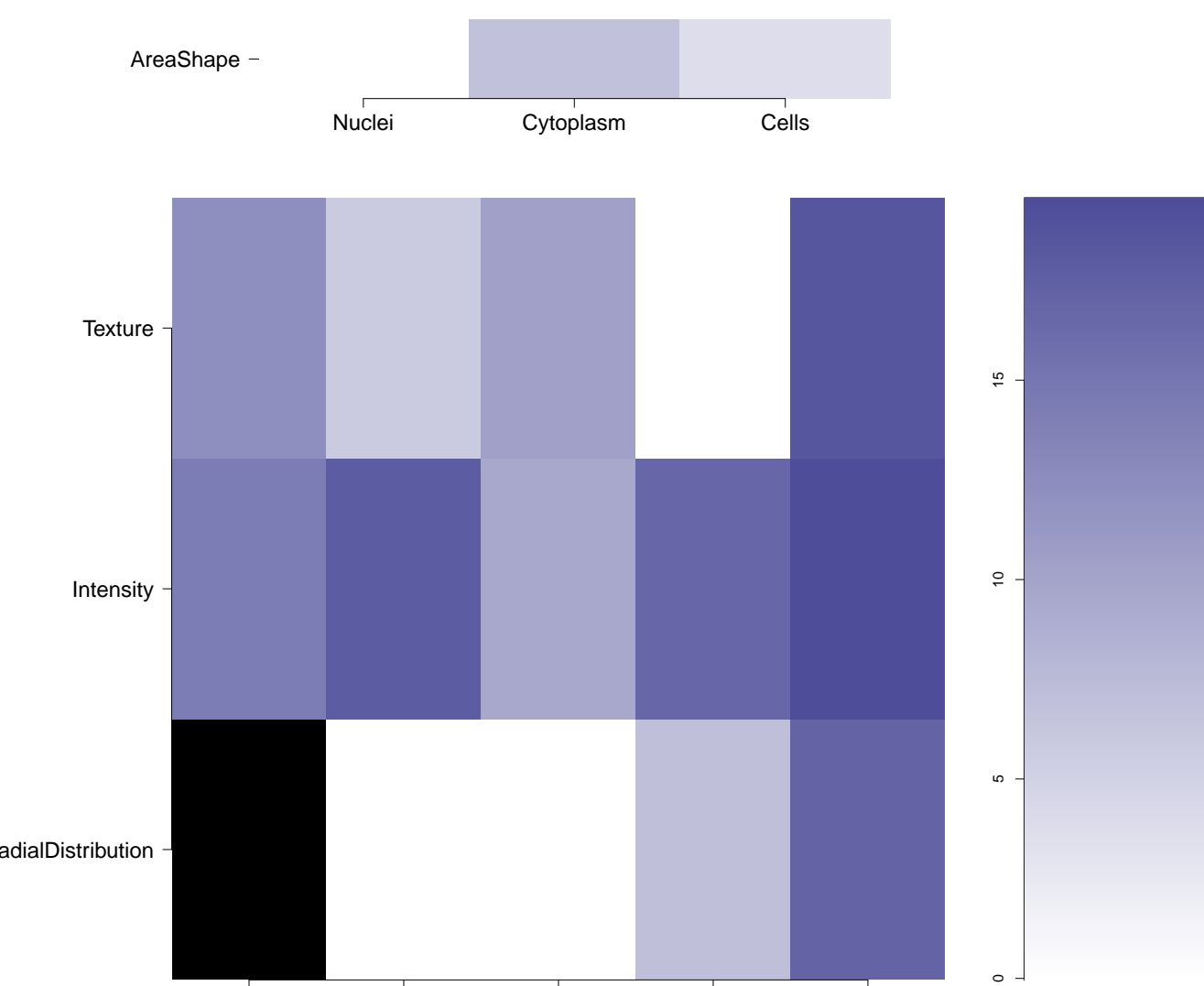
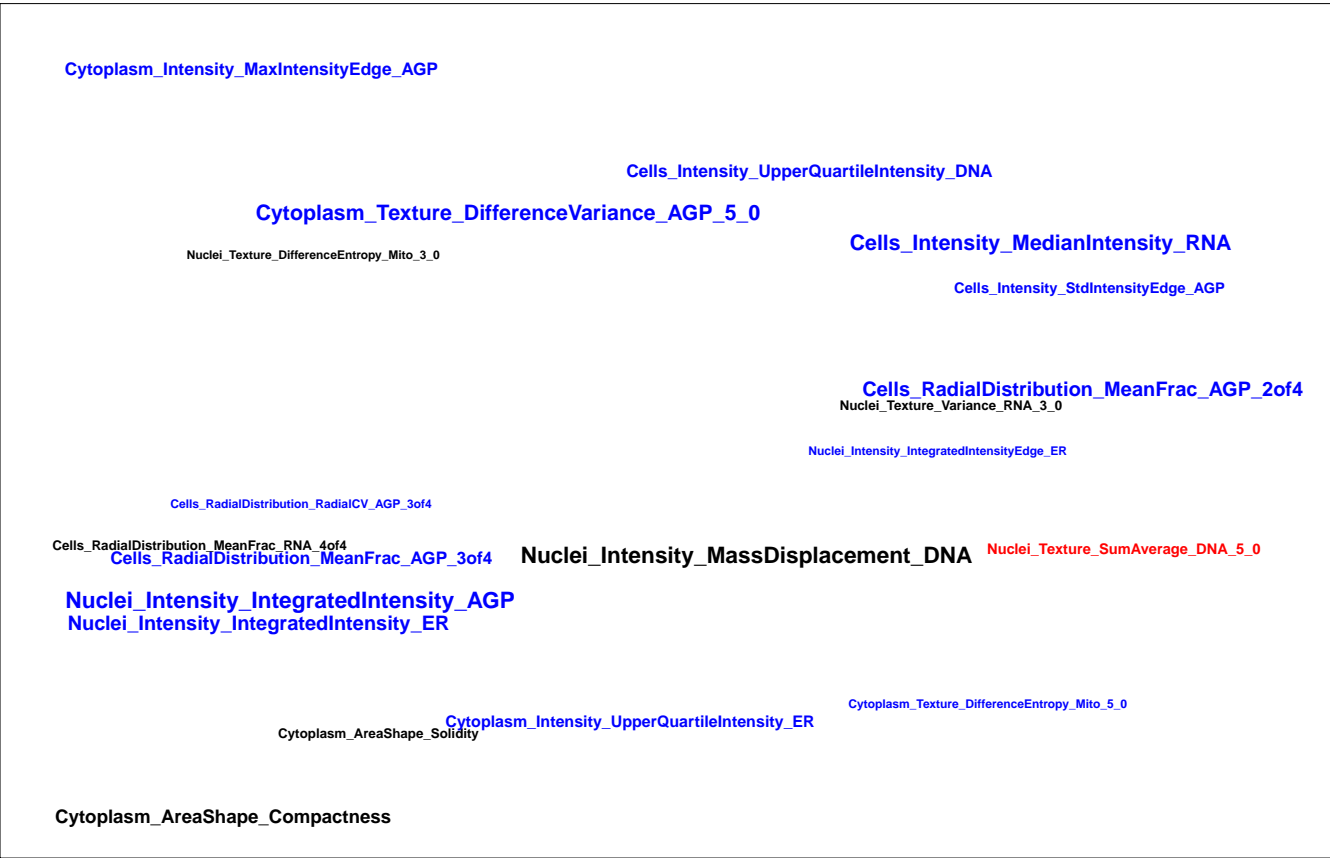
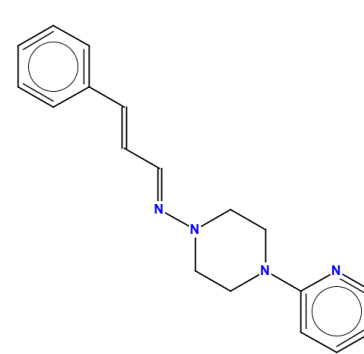
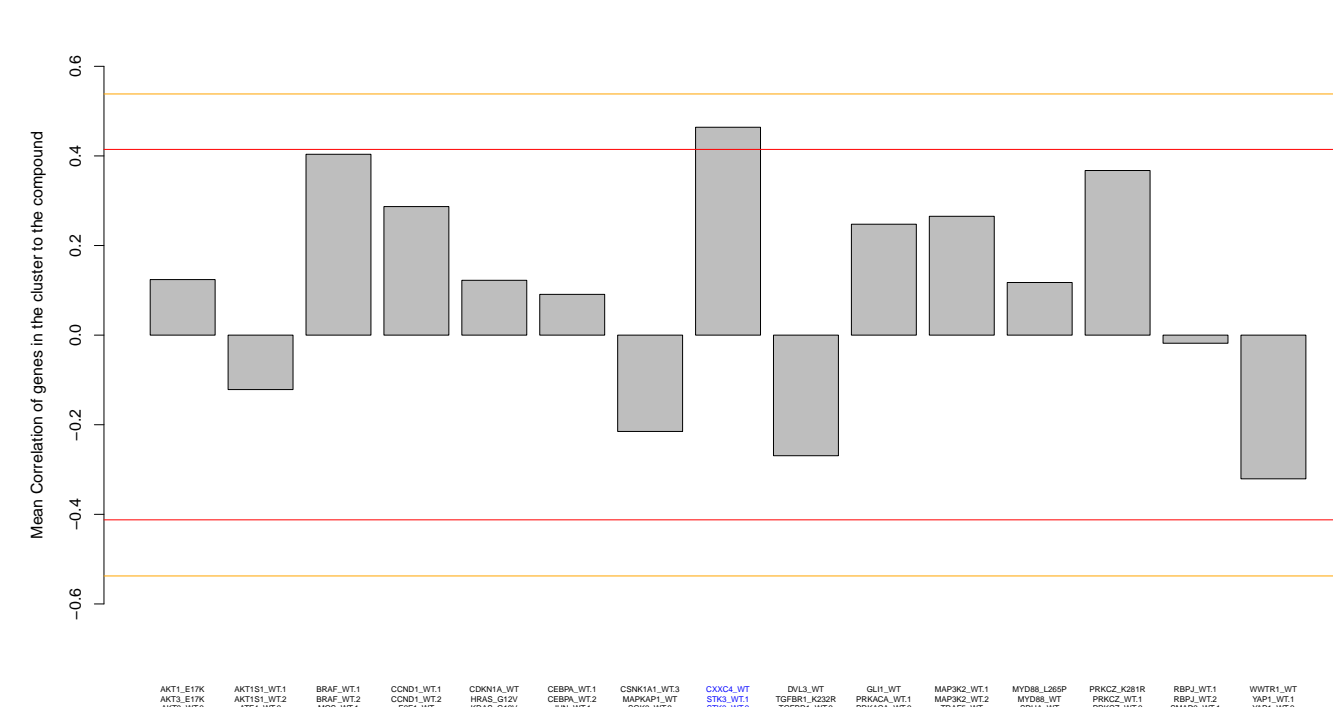
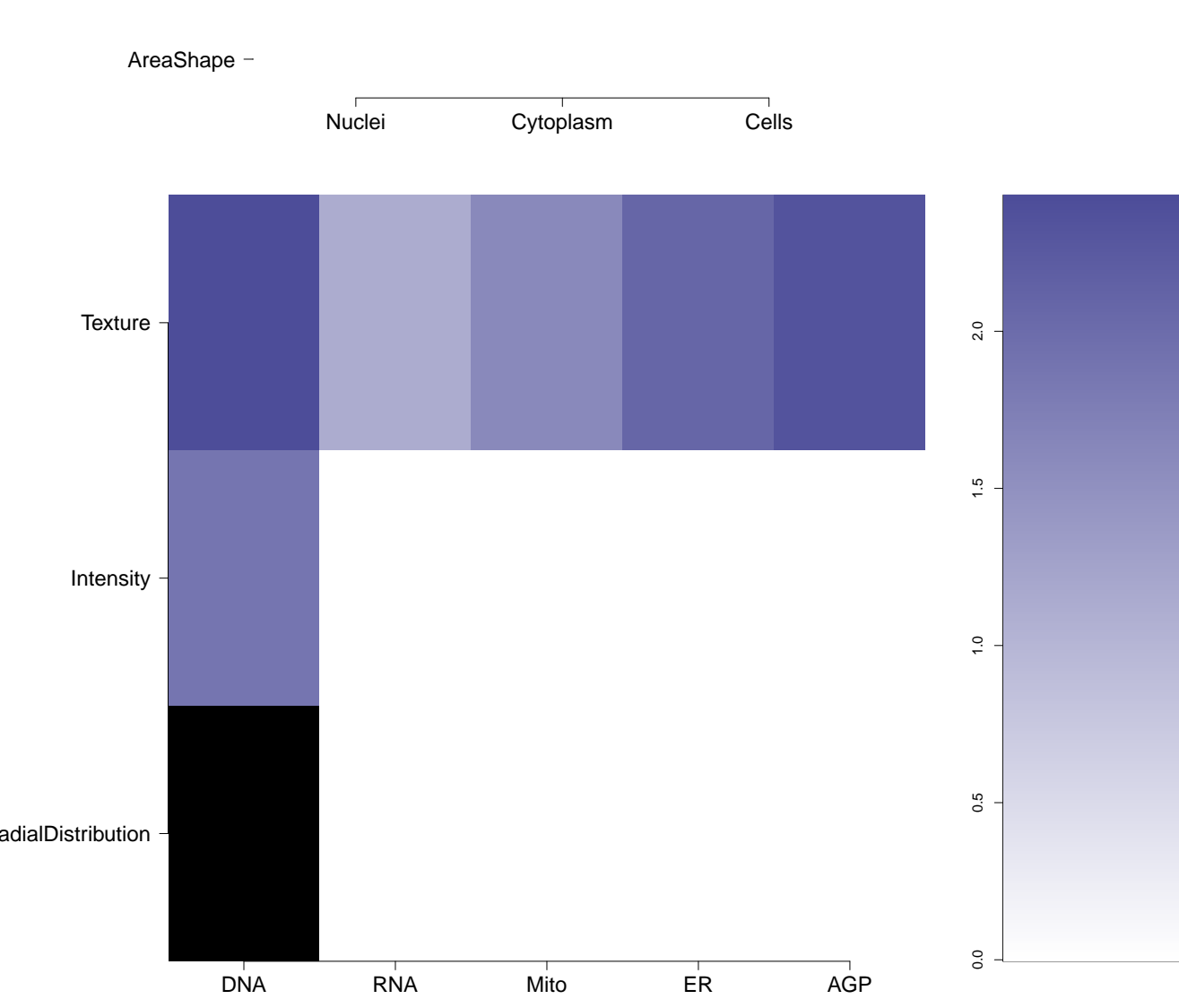
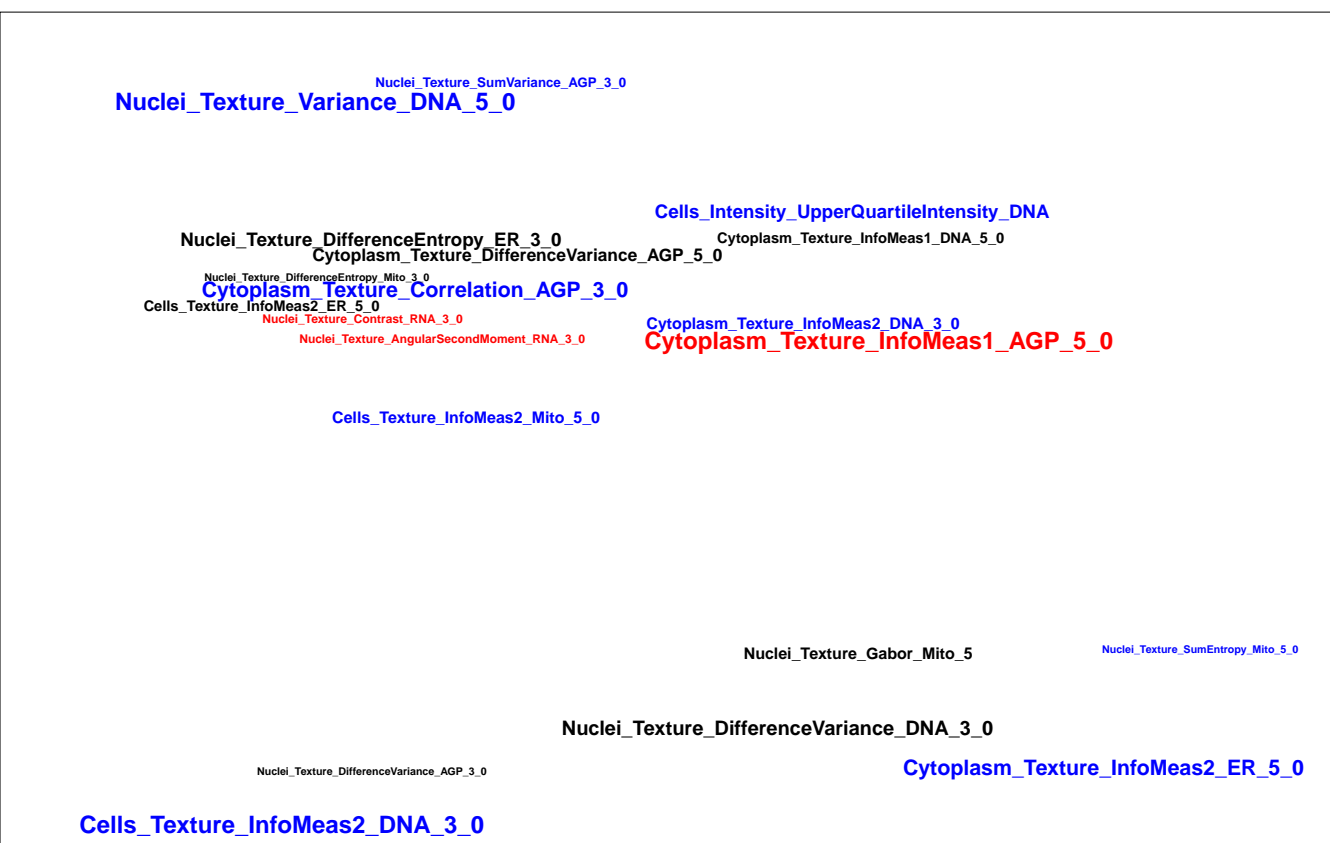
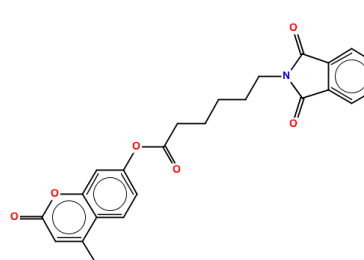
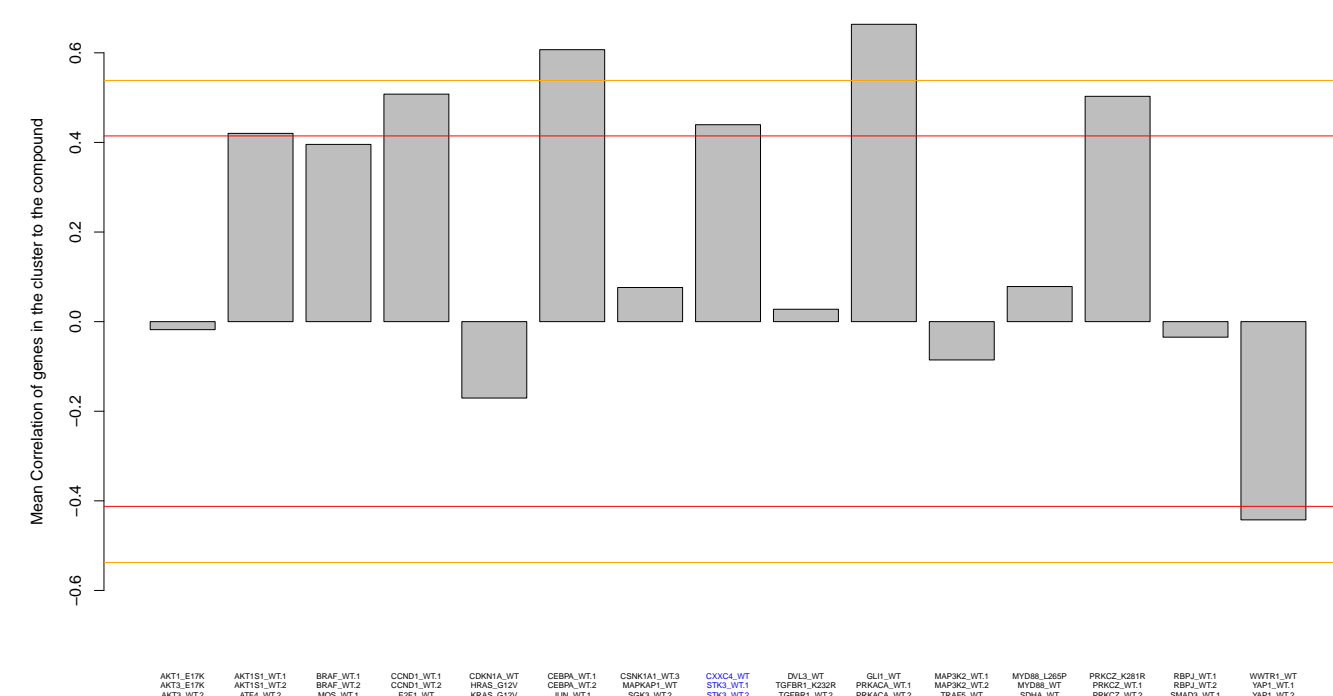
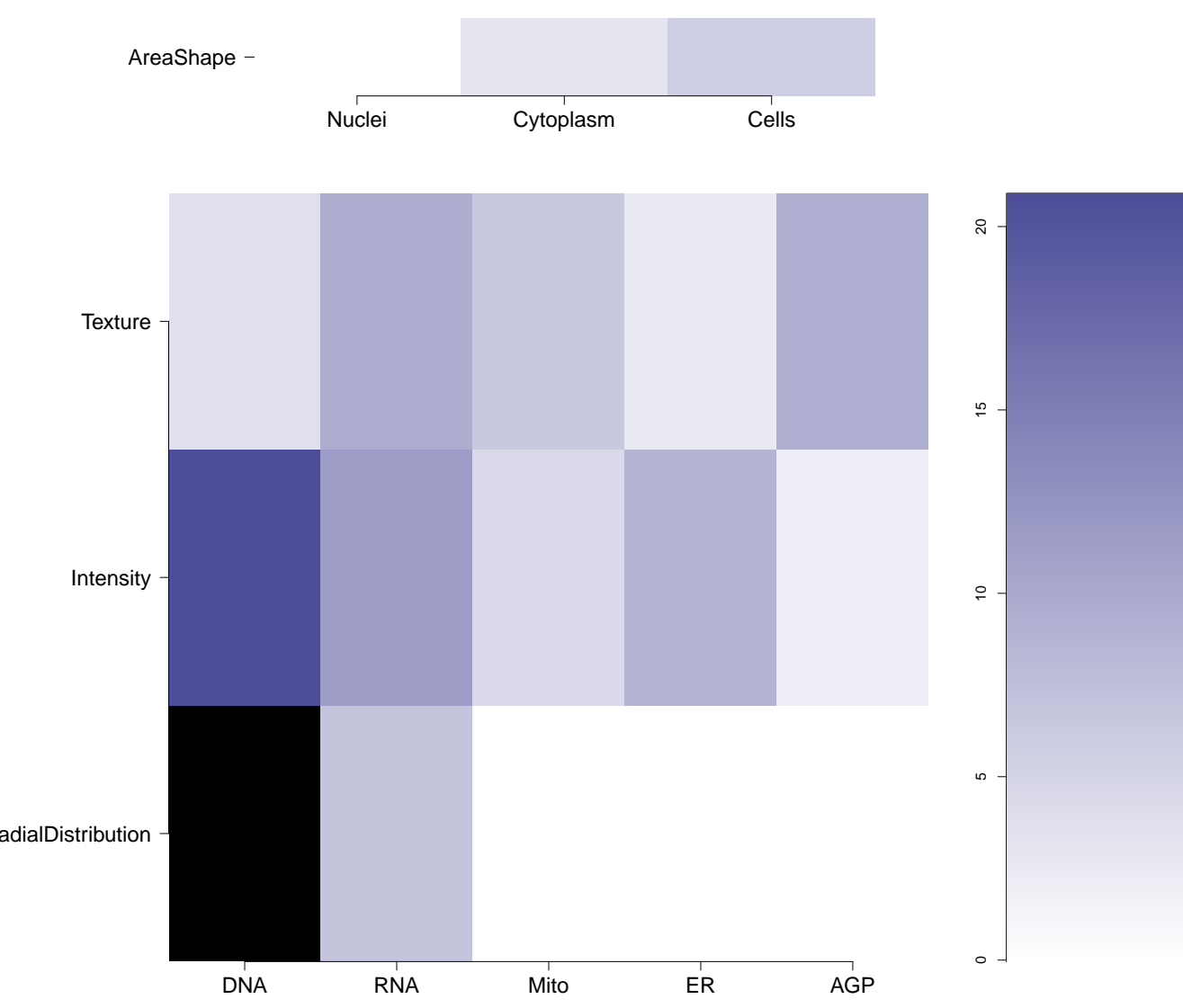
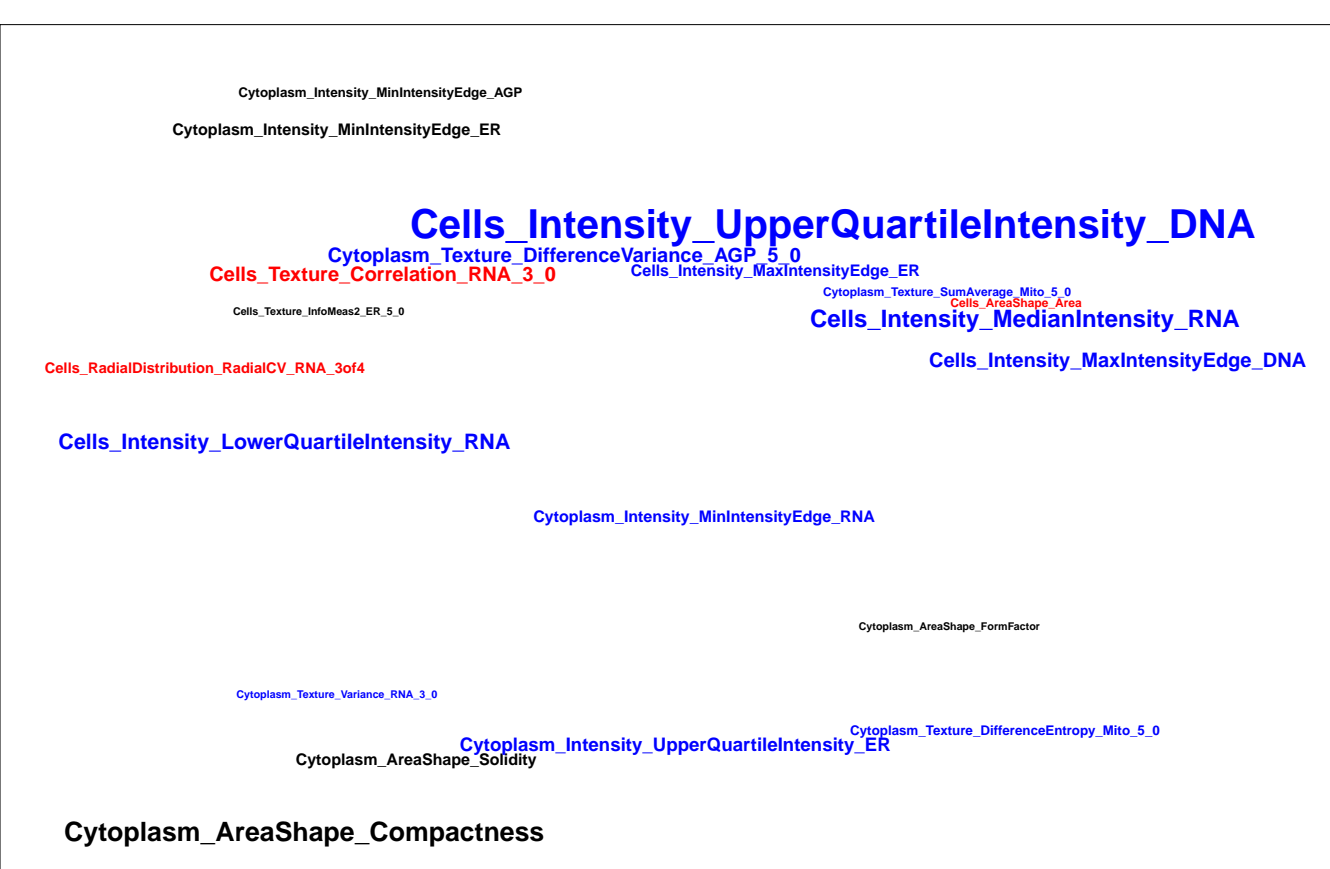
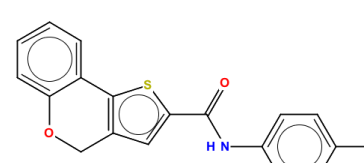
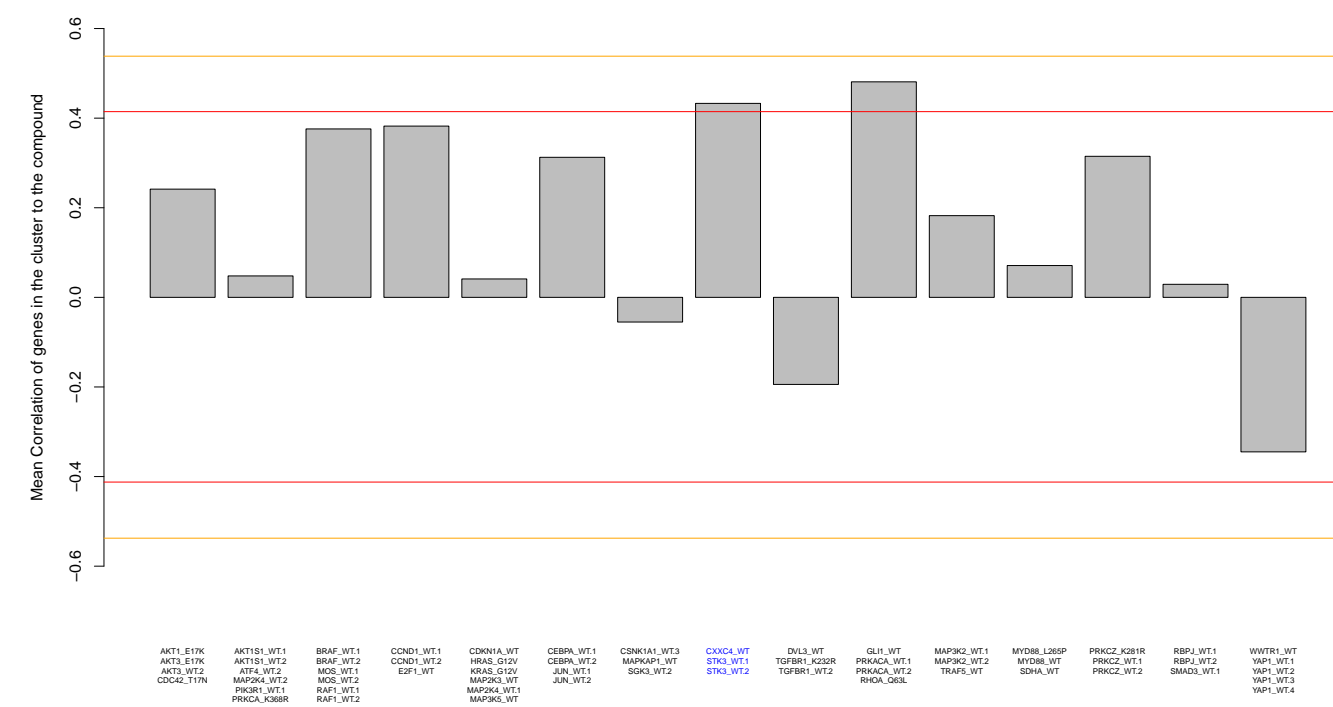
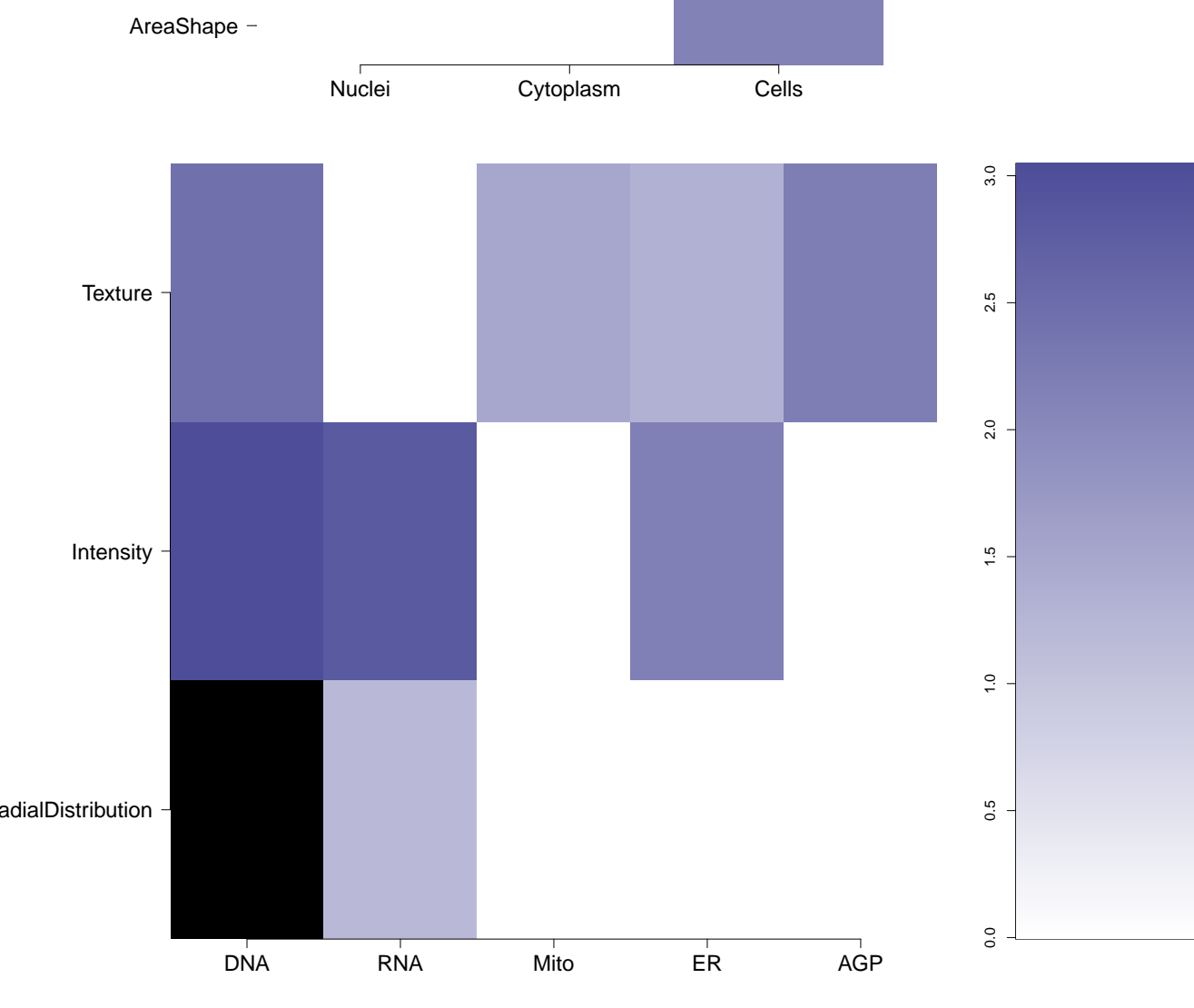
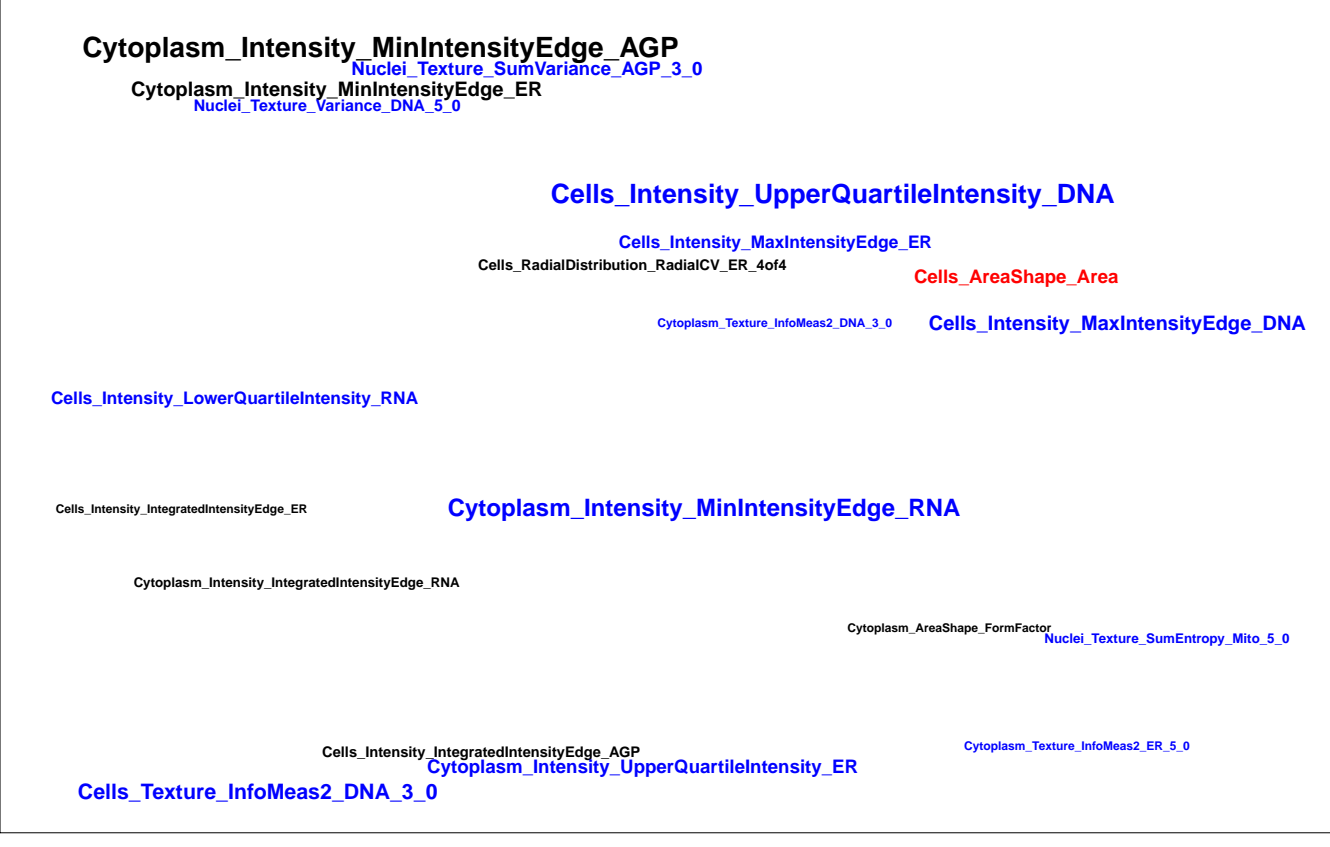
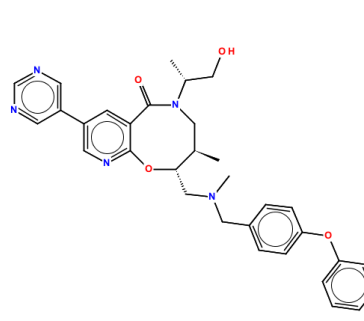
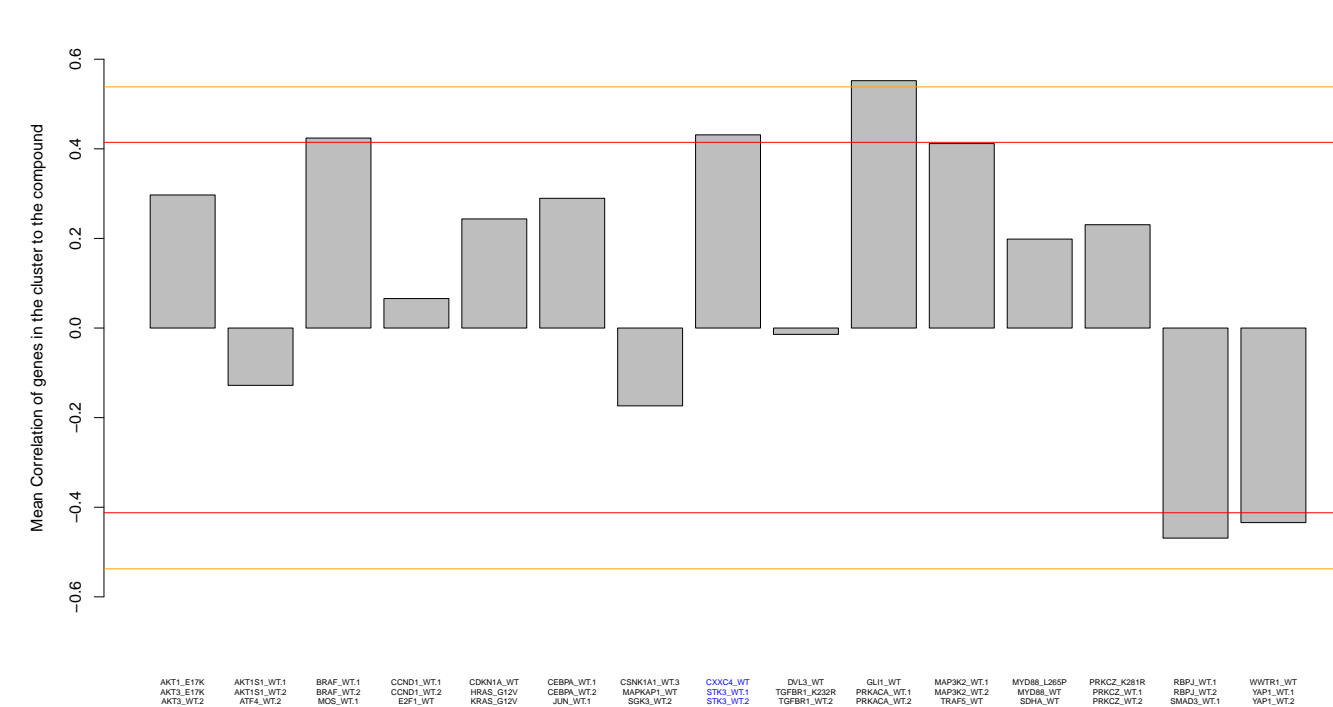
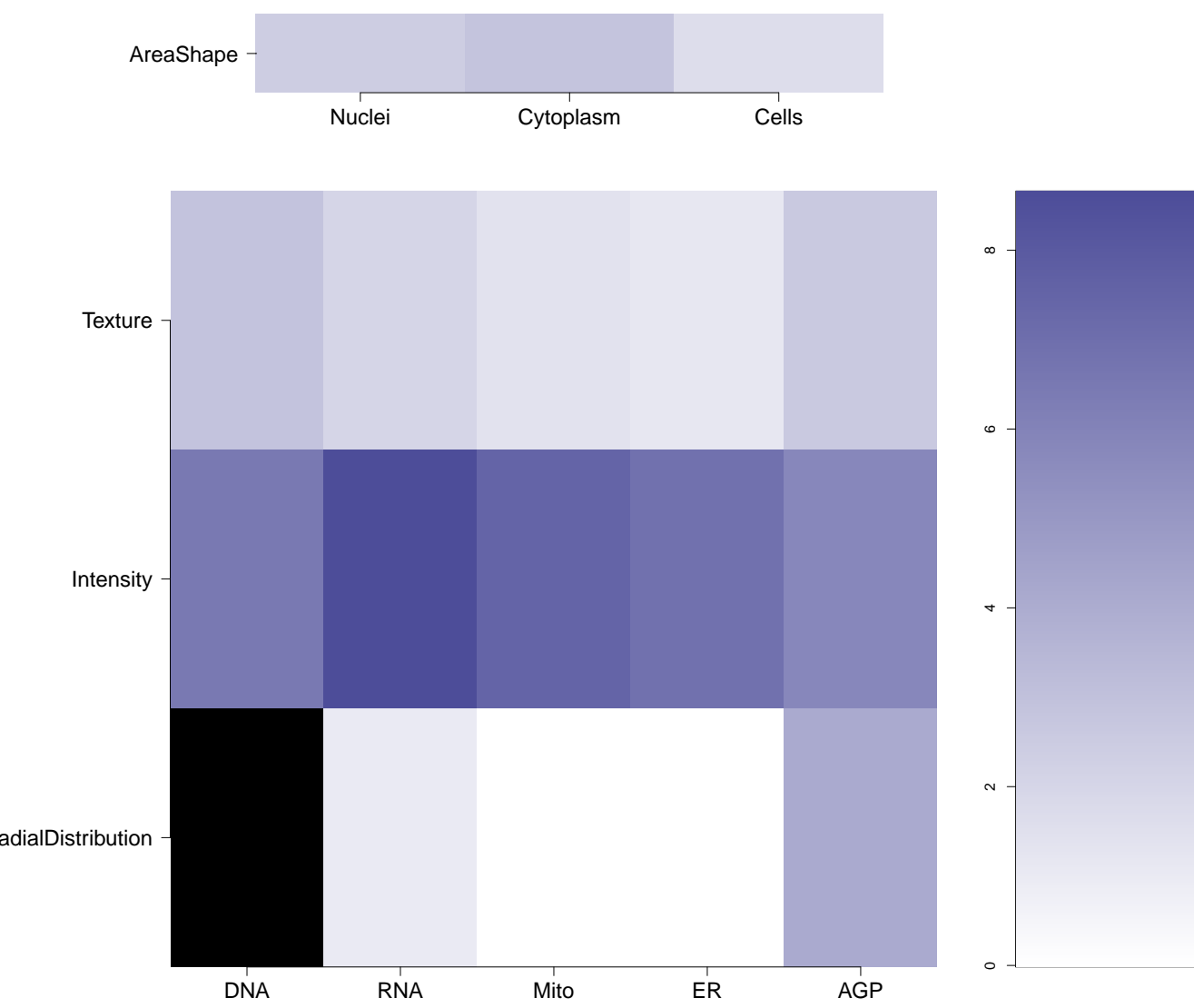

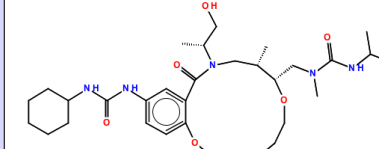
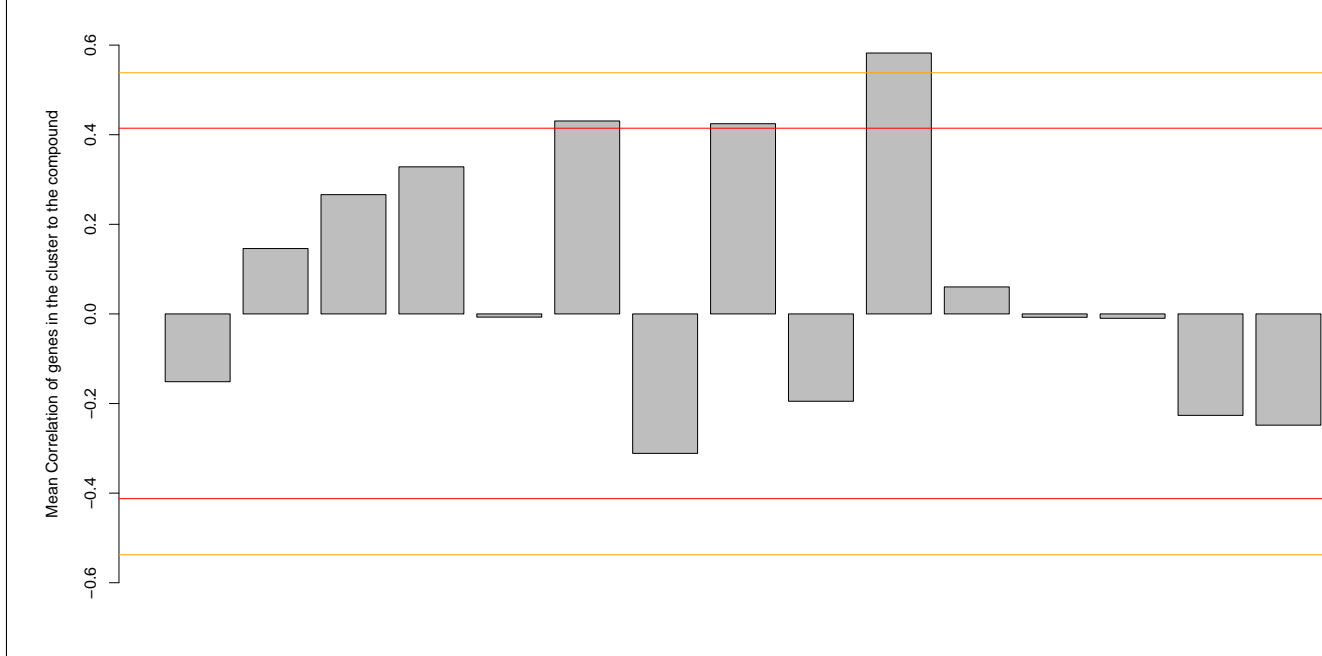
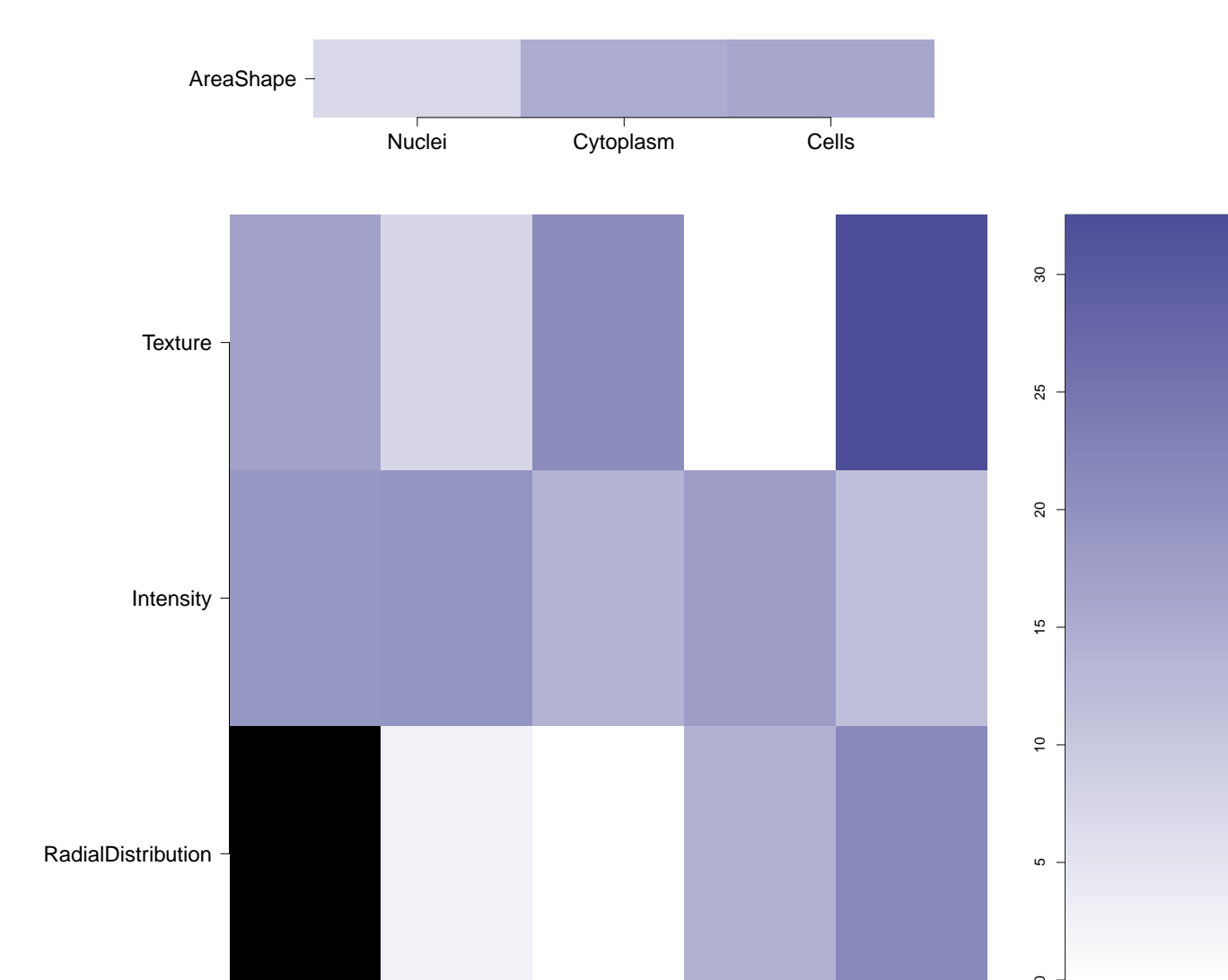
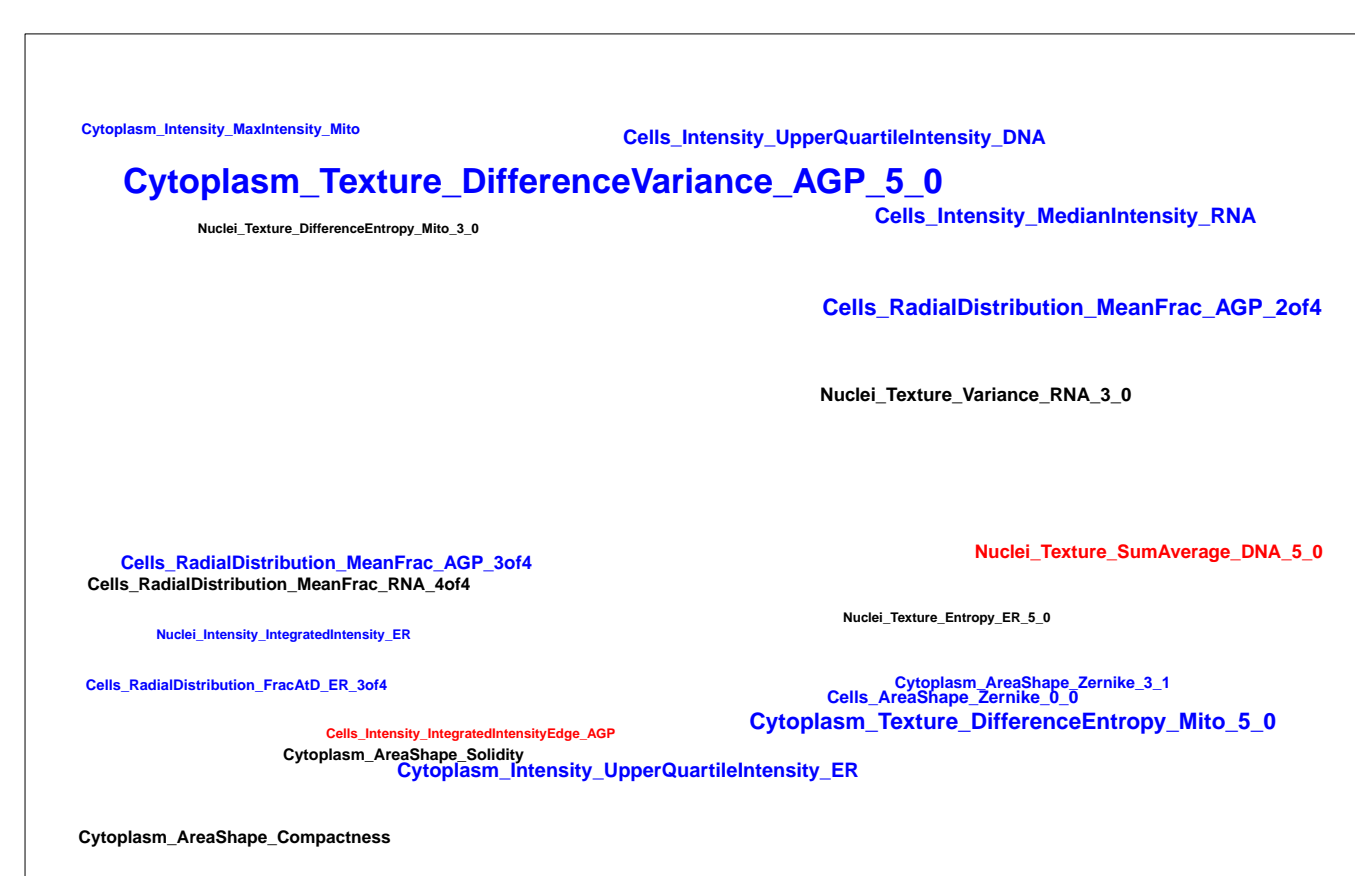
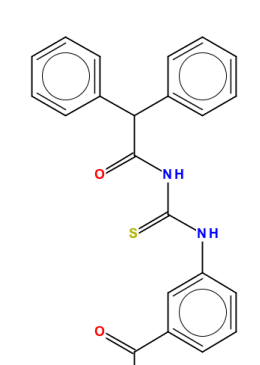
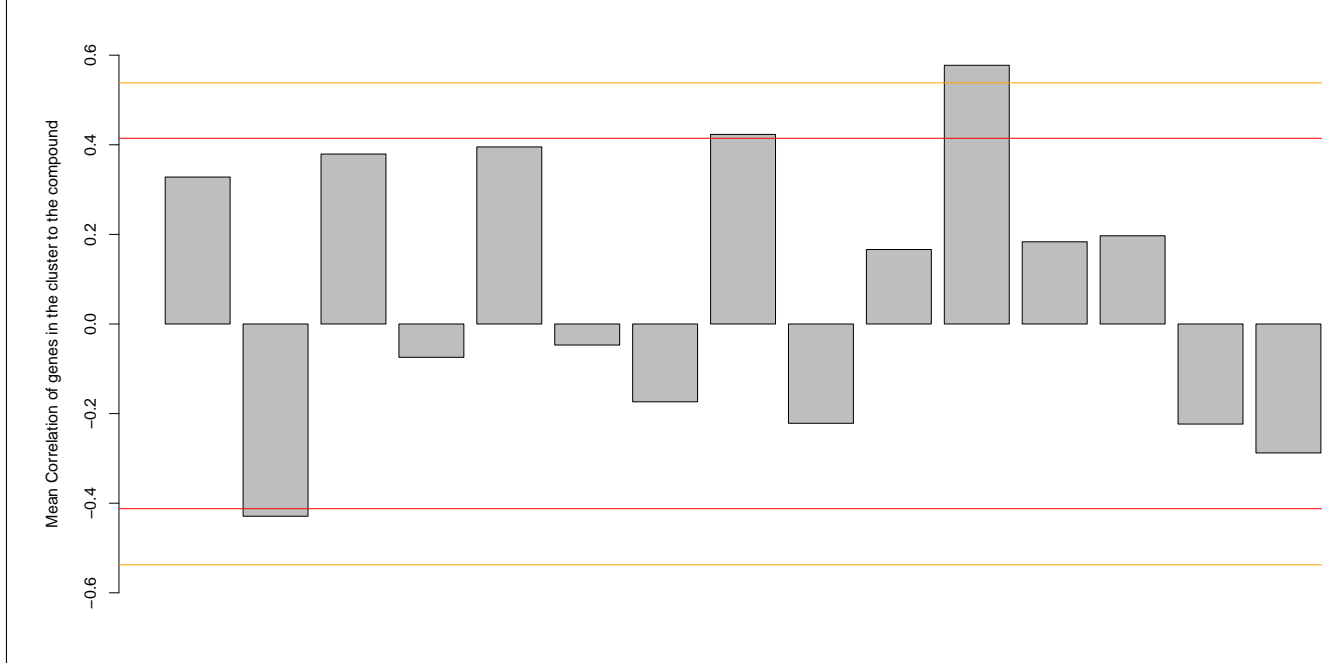
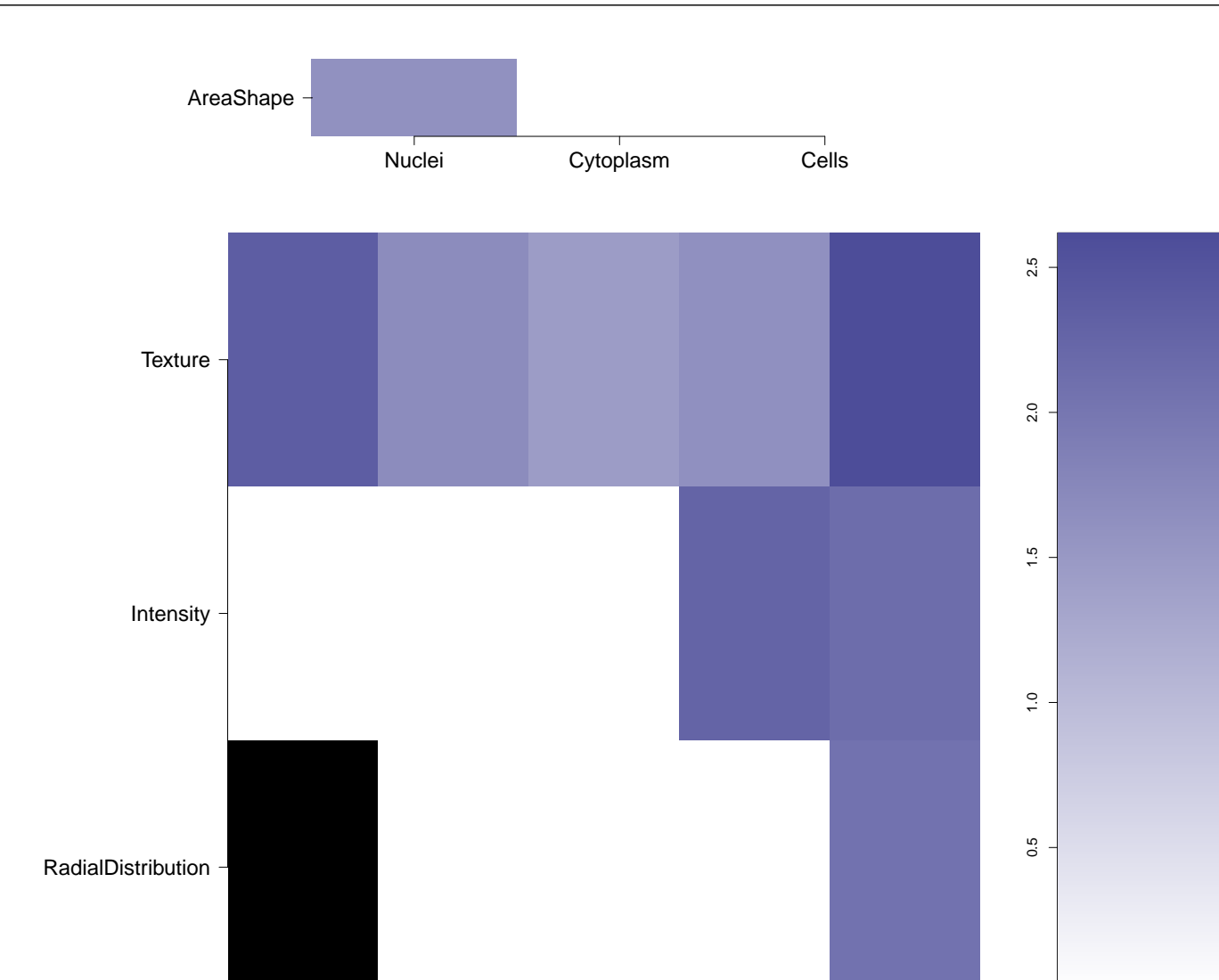

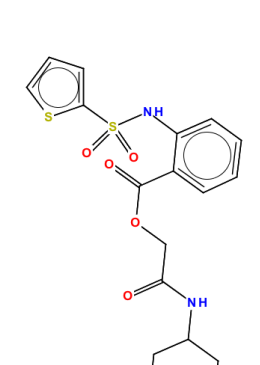
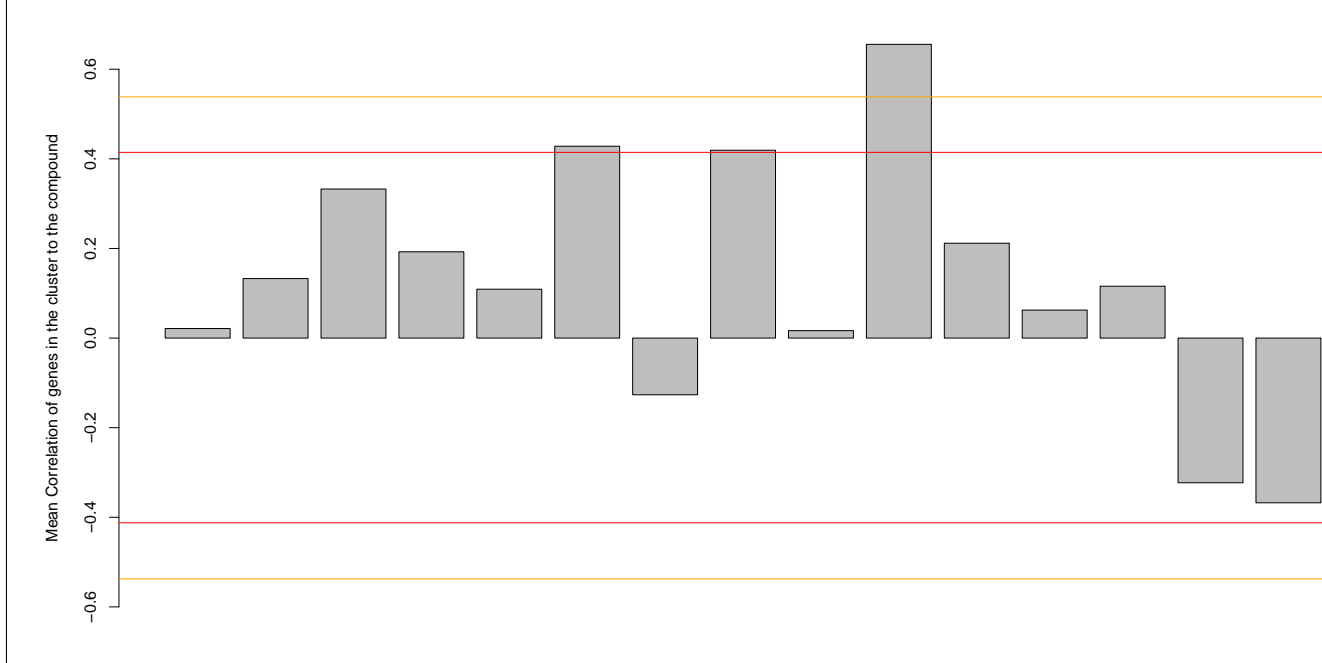
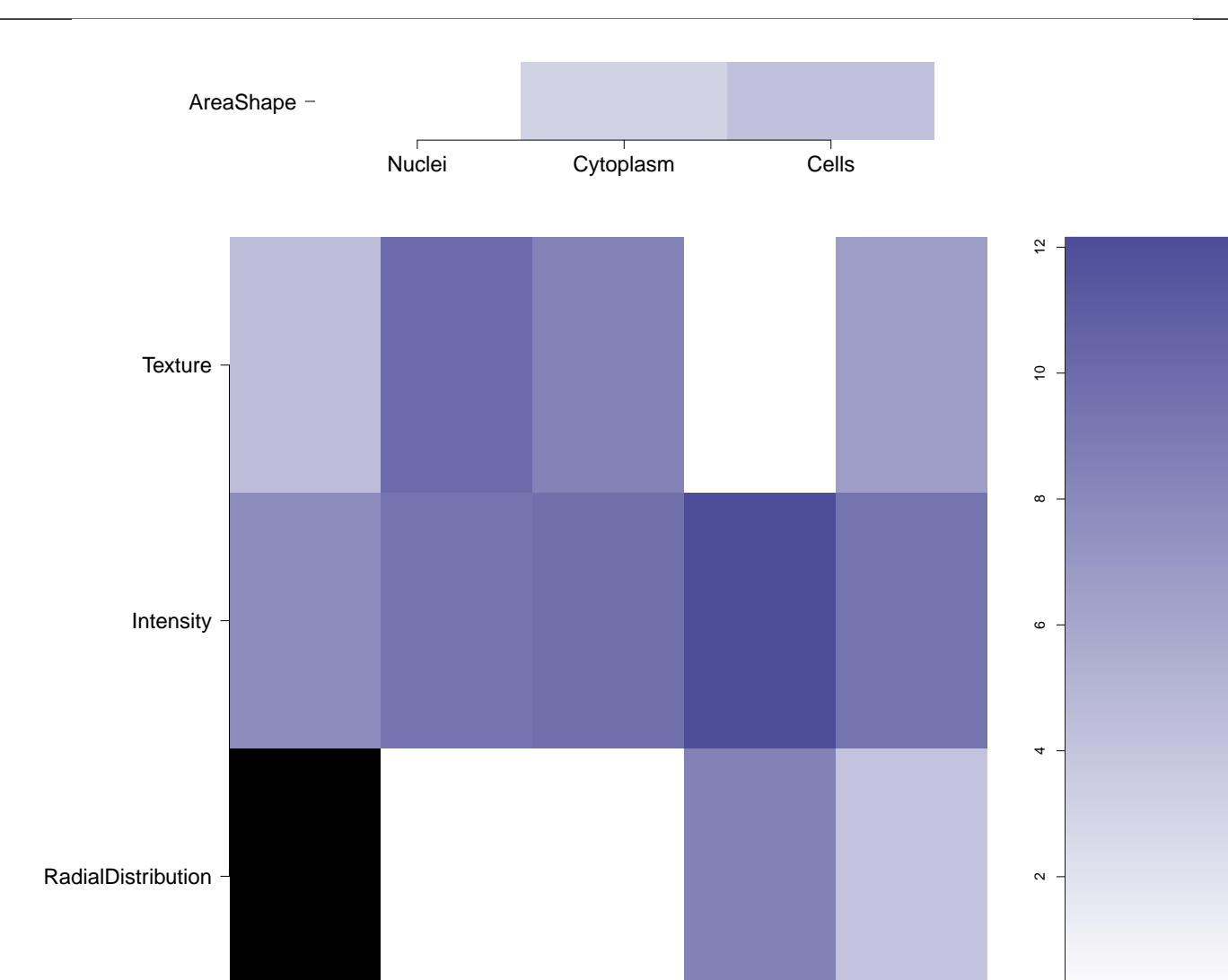

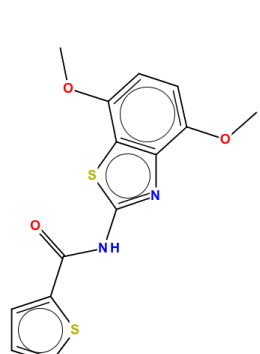
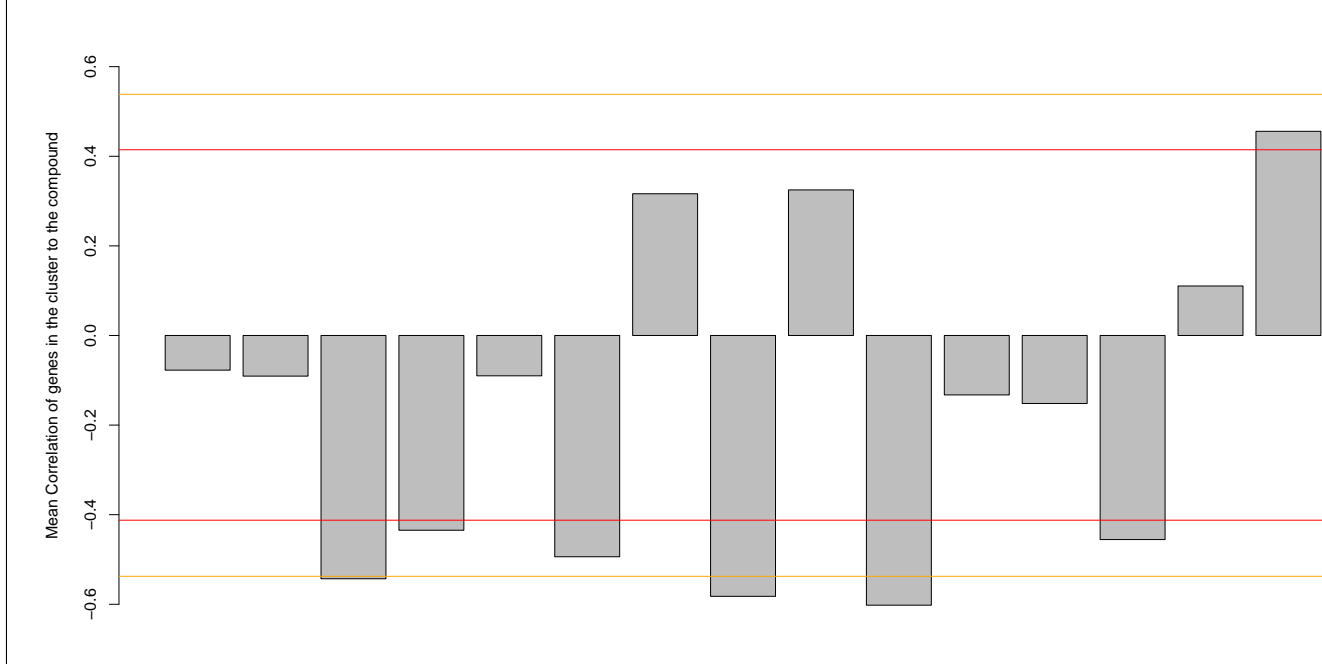
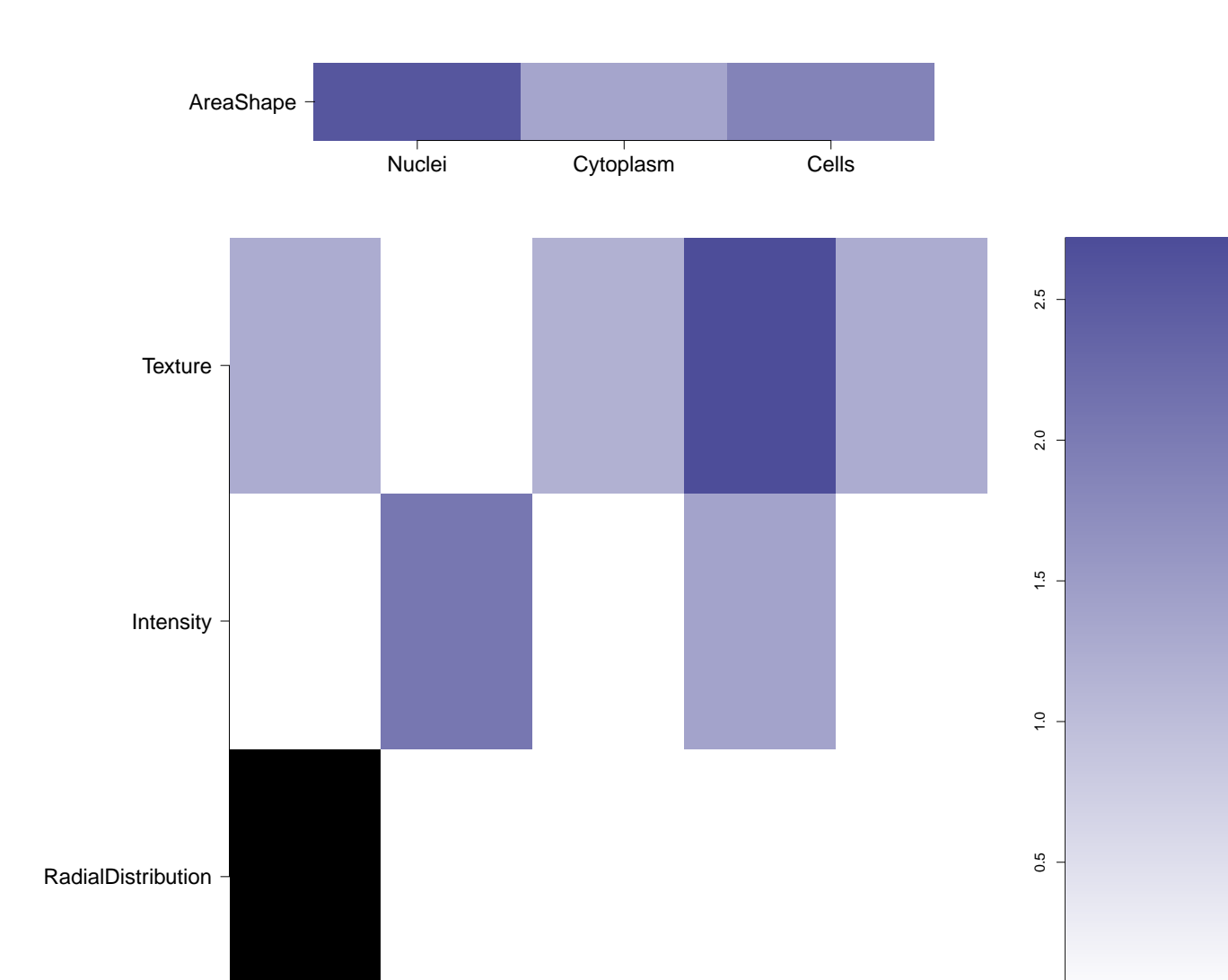
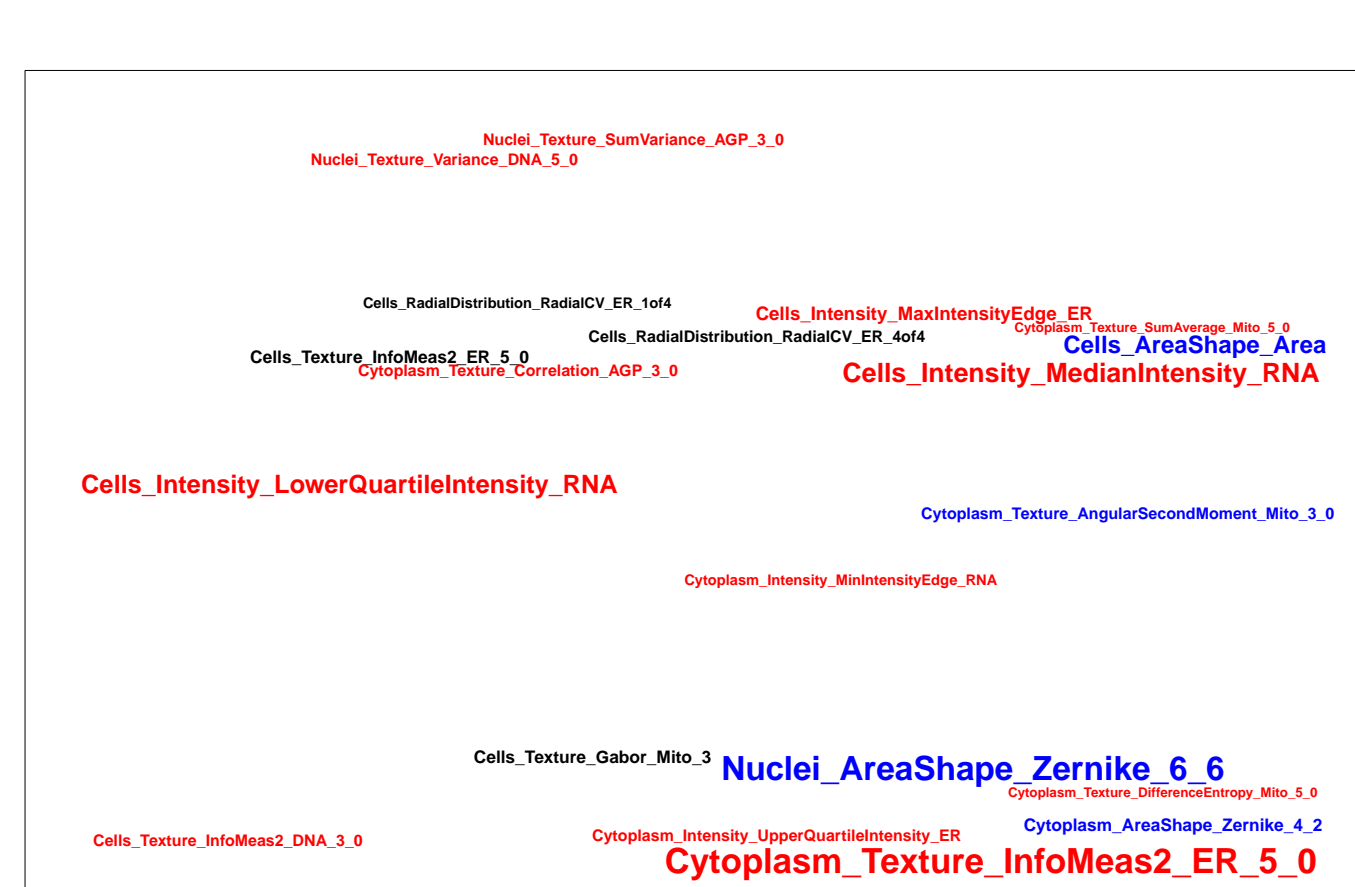
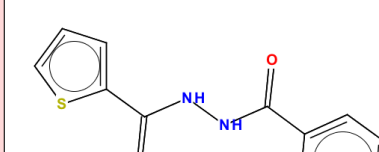
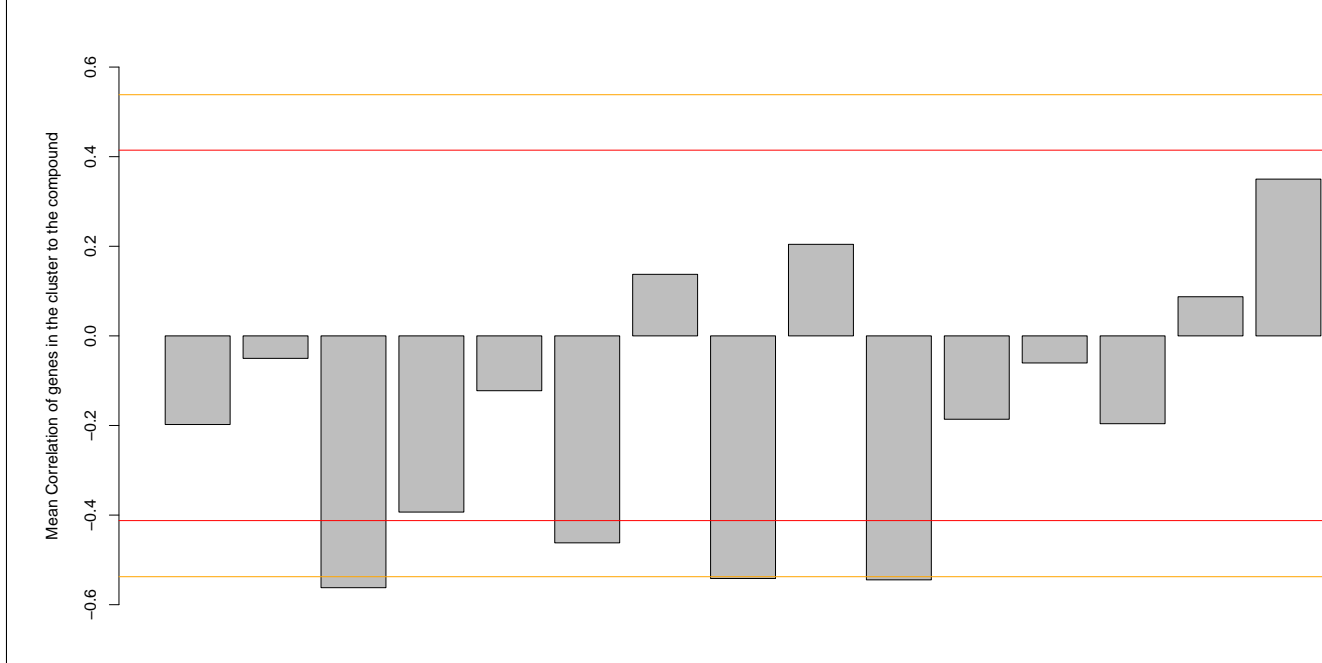
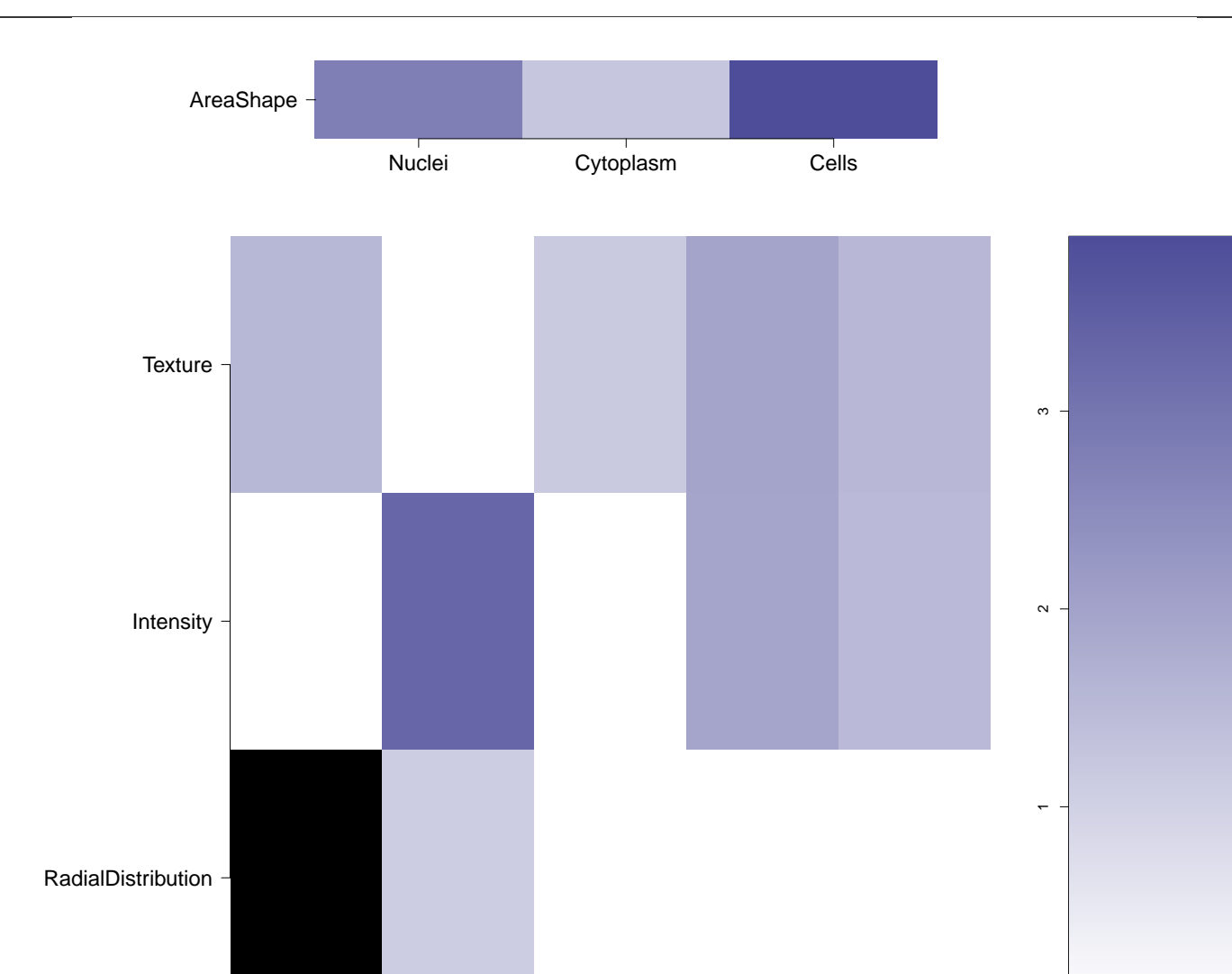
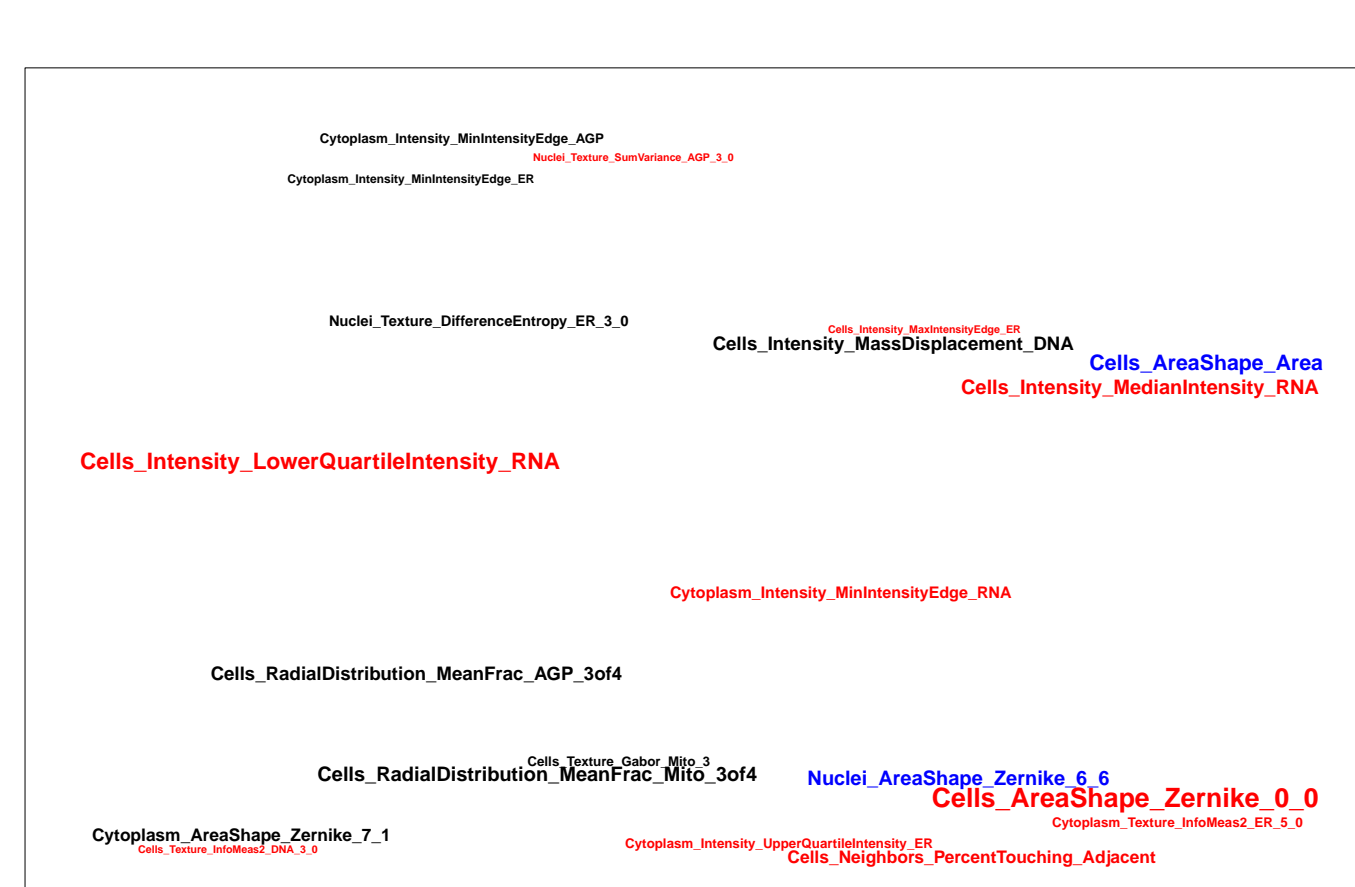
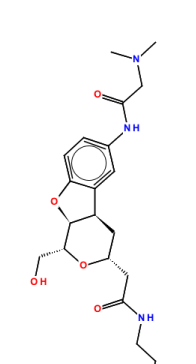
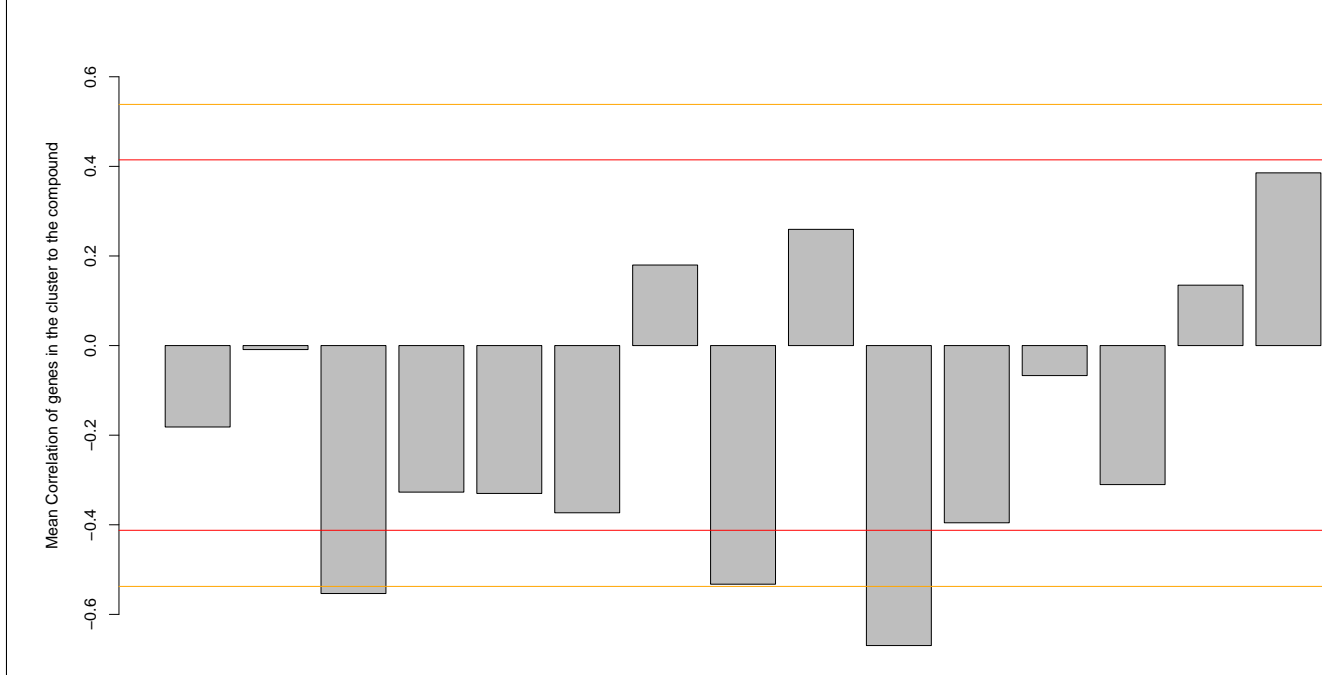
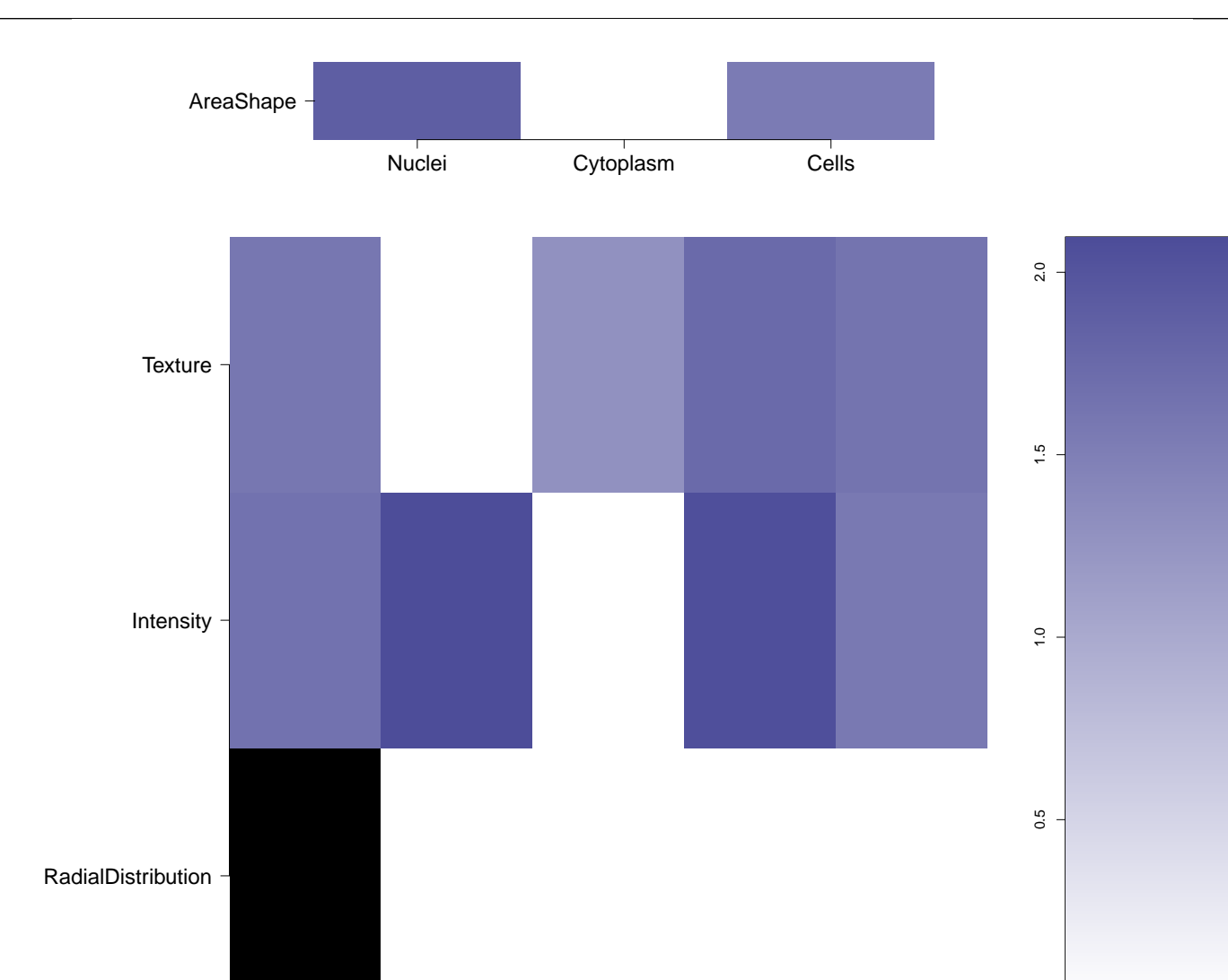
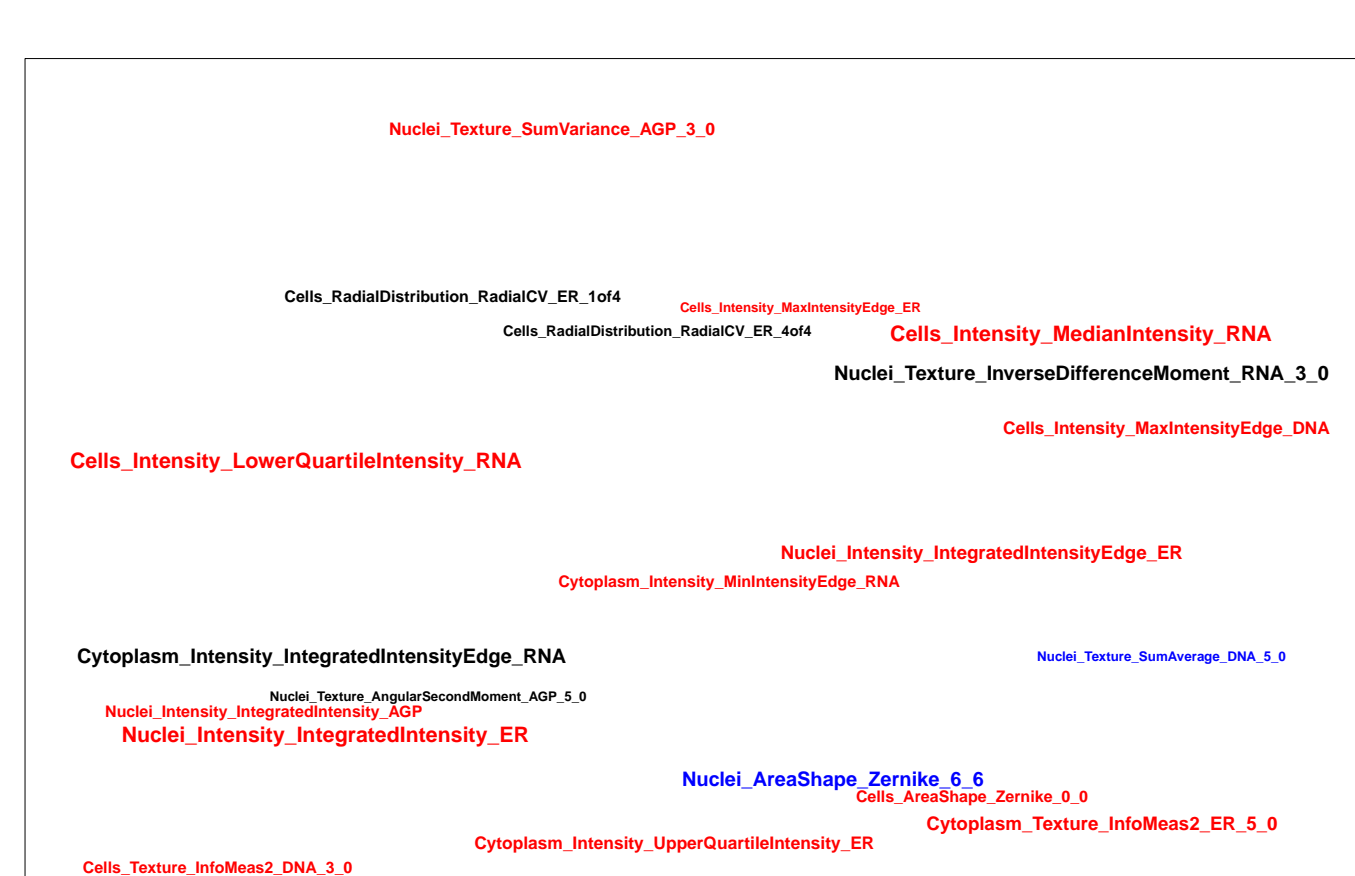
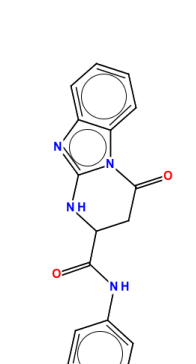
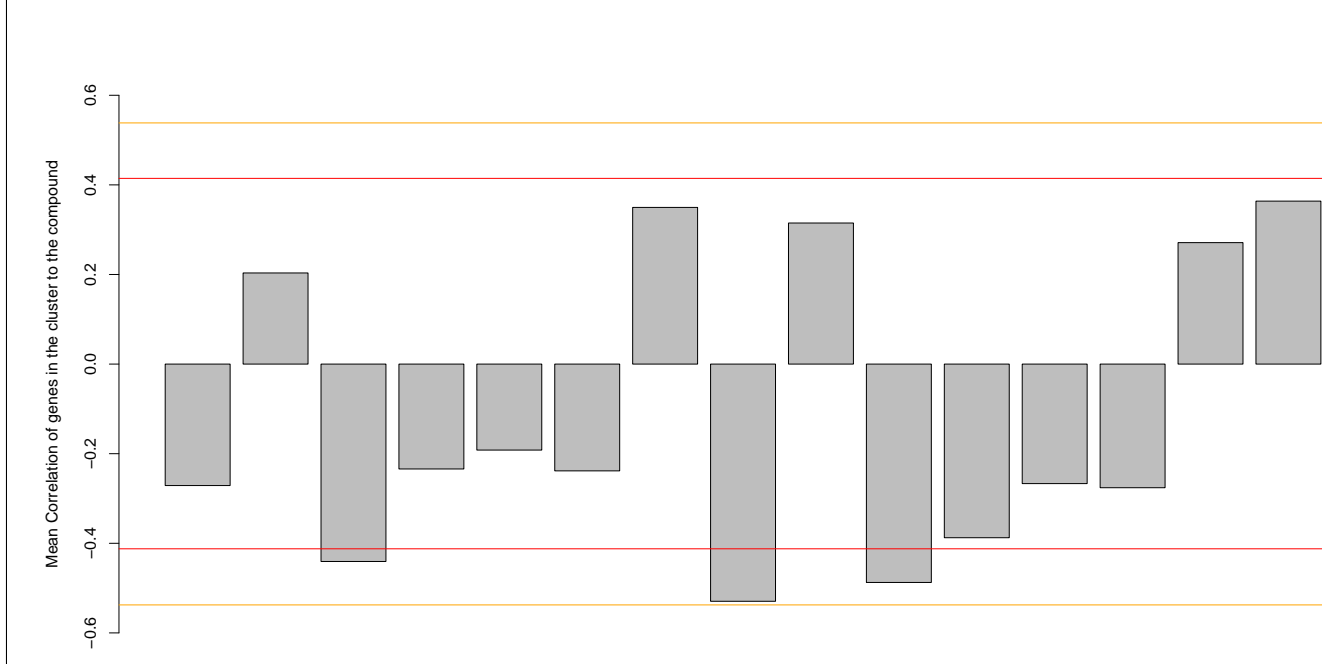
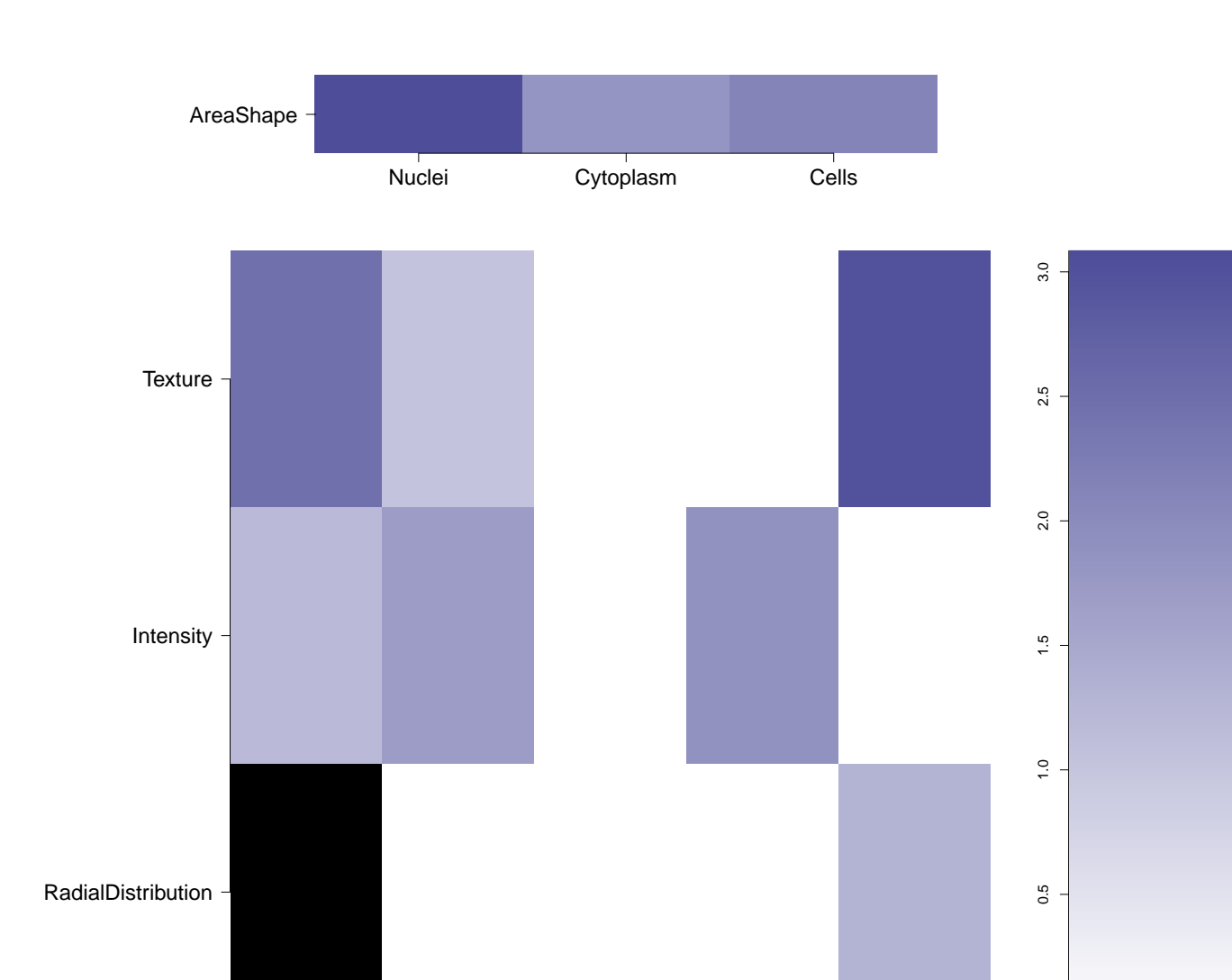

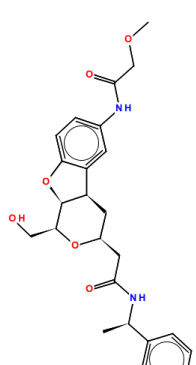
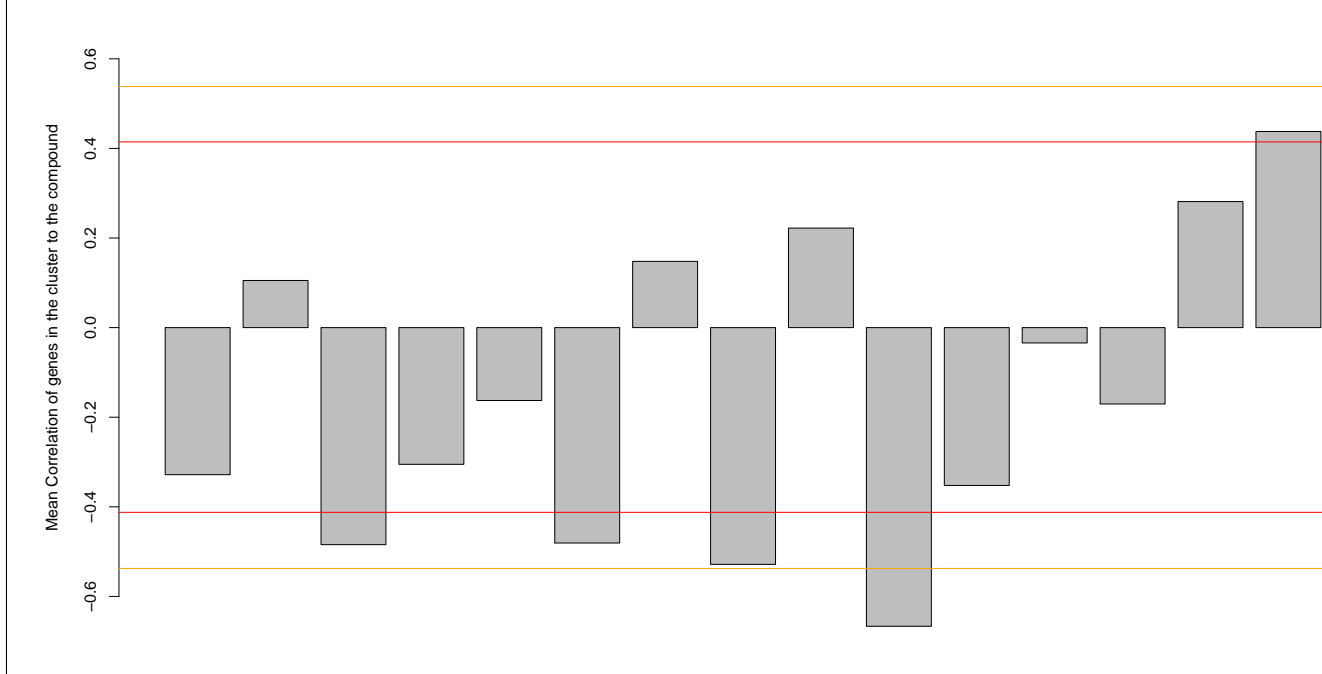
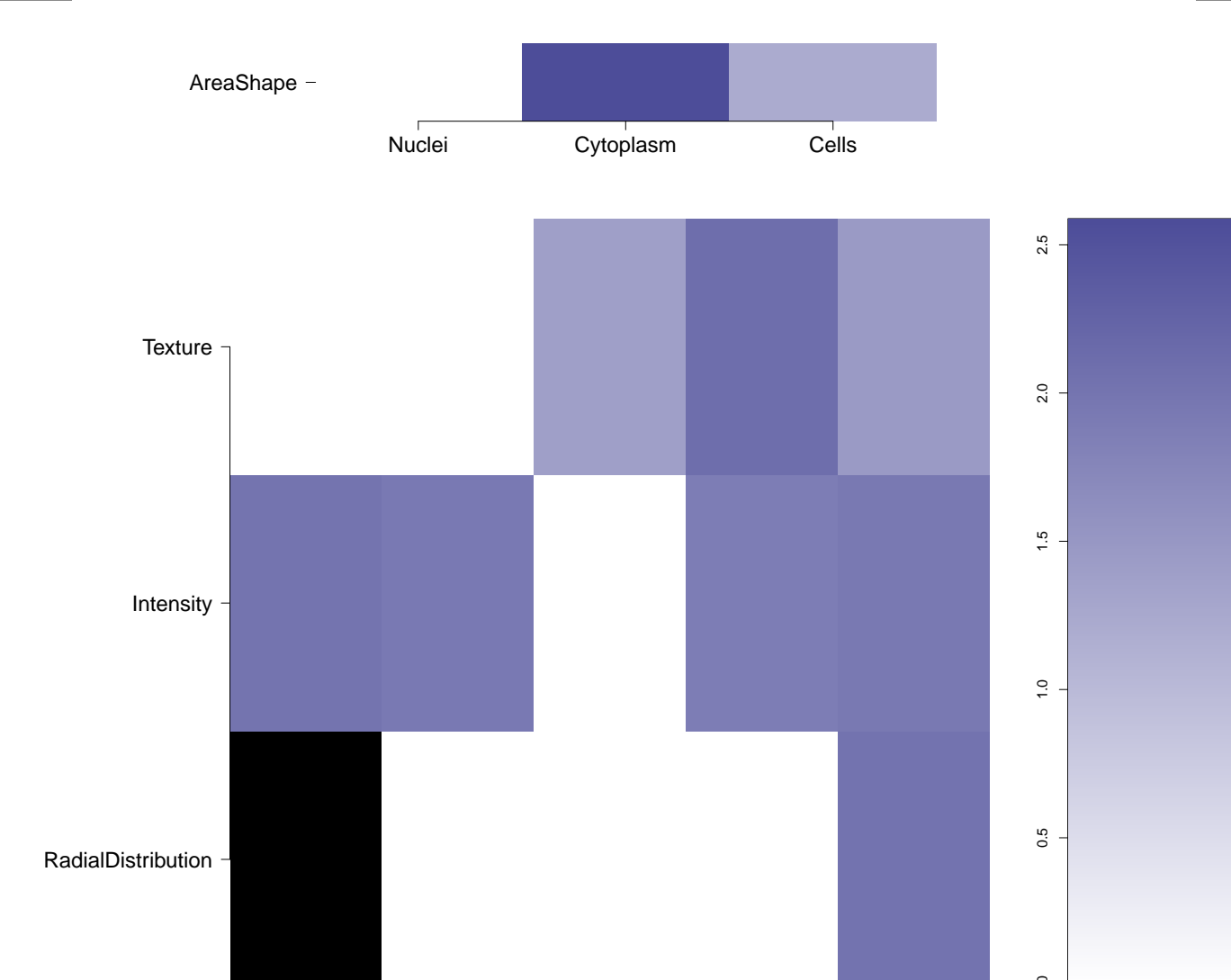



Plate : 41744 - Genes in the Cluster (Channels are sorted based on their dominance in the grid plot)

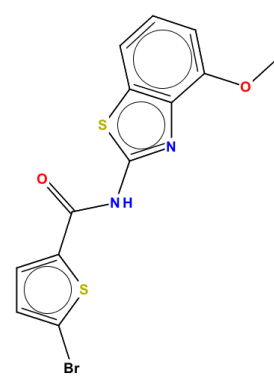


Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.52)	Mean \pm standard deviation 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-K92570288-001-01-7 PubChem CID : 54614939		0.91 (in 4 replicates)	0.52 ± 0.17 Score CXXC4.WT 0.06 STK3.WT.1 0.58 STK3.WT.2 0.33	0.827 ± 0.133 Score CXXC4.WT 0.800 STK3.WT.1 0.760 STK3.WT.2 0.730				Total number of assays tested in: 19.

BRD-K62246028-001-05-6 T5321448 AC1M8FFC MLS000772051 HMS2744H14 ZINC12484090 SMR000376604 PubChem CID : 2485743		0.85 (in 2 replicates)	<div>0.51 ± 0.09</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCKC.WT</td><td>0.43</td></tr><tr><td>STK3.WT.1</td><td>0.46</td></tr><tr><td>STK3.WT.2</td><td>0.01</td></tr></table>	Treatment	Score	CXCKC.WT	0.43	STK3.WT.1	0.46	STK3.WT.2	0.01	NA				Total number of assays tested in: 554. Active in the following assays: <ul style="list-style-type: none">Aqueous Solubility from MLSMR Stock Solutions (AID 1996)Counterscreen for inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis: Absorbance-based biochemical high throughput Glycero-phosphate Dehydrogenase-Triosephosphate Isomerase (GDH-TPI) full deck assay to identify assay artifacts (AID 588335)								
Treatment	Score																							
CXCKC.WT	0.43																							
STK3.WT.1	0.46																							
STK3.WT.2	0.01																							
BRD-K86981519-001-01-5 PubChem CID : 44496872		0.91 (in 4 replicates)	<div>0.48 ± 0.13</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCKC.WT</td><td>0.59</td></tr><tr><td>STK3.WT.1</td><td>0.51</td></tr><tr><td>STK3.WT.2</td><td>0.01</td></tr></table> <div>0.768 ± 0.034</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCKC.WT</td><td>0.60</td></tr><tr><td>STK3.WT.1</td><td>0.760</td></tr><tr><td>STK3.WT.2</td><td>0.150</td></tr></table>	Treatment	Score	CXCKC.WT	0.59	STK3.WT.1	0.51	STK3.WT.2	0.01	Treatment	Score	CXCKC.WT	0.60	STK3.WT.1	0.760	STK3.WT.2	0.150					Total number of assays tested in: 29.
Treatment	Score																							
CXCKC.WT	0.59																							
STK3.WT.1	0.51																							
STK3.WT.2	0.01																							
Treatment	Score																							
CXCKC.WT	0.60																							
STK3.WT.1	0.760																							
STK3.WT.2	0.150																							
BRD-K31945831-001-05-8 AC1OAMZW SMR000187177 MLS000577792 STL361976 ZINC15974401 ST041256 PubChem CID : 6861869		0.60 (in 2 replicates)	<div>0.46 ± 0.16</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCKC.WT</td><td>0.56</td></tr><tr><td>STK3.WT.1</td><td>0.41</td></tr><tr><td>STK3.WT.2</td><td>0.05</td></tr></table>	Treatment	Score	CXCKC.WT	0.56	STK3.WT.1	0.41	STK3.WT.2	0.05	NA				Total number of assays tested in: 661. Active in the following assays: <ul style="list-style-type: none">Primary cell-based high throughput screening assay to measure STAT1 activation (AID 932)MLPCN Alpha-Synuclein 5'UTR - 5'UTR binding - activators (AID 1814)Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315)uHTS Luminescent assay for identification of inhibitors of Sentrin-specific protease 6 (SENPe) (AID 2599)uHTS Luminescent assay for identification of inhibitors of Sentrin-specific protease 7 (SENPT) (AID 434973)Single concentration confirmation of uHTS for inhibitors of Sentrin-specific protease 6 (SENPe) using a Luminescent assay (AID 488915)Single concentration confirmation of inhibitors of Sentrin-specific proteases (SENPs) using a Caspase-3 Selectivity assay (AID 488918)qHTS screen for small molecules that induce genotoxicity in human embryonic kidney (HEK293T) cells expressing luciferase-tagged ELG1 (AID 504466)Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-01 Inhibitor SinglePoint.HTS Activity (AID 504558)MITF Measured in Cell-Based System Using Plate Reader - 2084-01 Activator SinglePoint.HTS Activity (AID 588334)qHTS profiling assay for firefly luciferase inhibitor/activator using purified enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342)qHTS of GLP-1 Receptor Inverse Agonists (Inhibition Mode) (AID 624417)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)								
Treatment	Score																							
CXCKC.WT	0.56																							
STK3.WT.1	0.41																							
STK3.WT.2	0.05																							
BRD-K28901743-001-05-3 ZINC01748812 AC1LTAWC MLS000552933 ZINC1748812 CCG-15676 BAS 00558059 SMR000175471 ST50181975 PubChem CID : 1555494		NA (in 1 replicates)	<div>0.44 ± 0.17</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCKC.WT</td><td>0.56</td></tr><tr><td>STK3.WT.1</td><td>0.52</td></tr><tr><td>STK3.WT.2</td><td>0.01</td></tr></table>	Treatment	Score	CXCKC.WT	0.56	STK3.WT.1	0.52	STK3.WT.2	0.01	NA				Total number of assays tested in: 626. Active in the following assays: <ul style="list-style-type: none">Screen for Chemicals that Extend Yeast Lifespan (AID 775)uHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190)Single concentration confirmation of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463213)Fluorescence-based biochemical primary high throughput screening assay to identify inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 588726)Fluorescence Intensity-based biochemical primary high throughput screening assay to identify activators of kallikrein-7 (K7) zymogen (AID 652039)Fluorescence Intensity-based biochemical primary high throughput confirmation assay to identify activators of kallikrein-7 (K7) zymogen (AID 686949)Counterscreen for activators of kallikrein-7 (K7) zymogen: Fluorescence intensity-based biochemical high throughput counterscreen assay for activators that optically interfere with measurement of EDANS-DABCYL fluorescence (AID 686952)								
Treatment	Score																							
CXCKC.WT	0.56																							
STK3.WT.1	0.52																							
STK3.WT.2	0.01																							
BRD-K23940360-001-05-8 MLS000731532 HMS2744D15 ZINC5050928 CCG-136395 SMR000309807 PubChem CID : 16195347		0.63 (in 2 replicates)	<div>0.43 ± 0.02</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCKC.WT</td><td>0.23</td></tr><tr><td>STK3.WT.1</td><td>0.43</td></tr><tr><td>STK3.WT.2</td><td>0.01</td></tr></table>	Treatment	Score	CXCKC.WT	0.23	STK3.WT.1	0.43	STK3.WT.2	0.01	NA				Total number of assays tested in: 576. Active in the following assays: <ul style="list-style-type: none">MLPCN Alpha-Synuclein 5'UTR - 5'UTR binding - activators (AID 1814)Fluorescence Cell-Free Homogeneous Primary HTS to Identify Inhibitors of the RanGTP-Importin-beta complex (AID 2216)Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)qHTS Assay for Identifying a Potential Treatment of Ataxia-Telangiectasia (AID 485349)Luminescence-based cell-based primary high throughput screening assay to identify biased ligands of the melanocortin 4 receptor (MC4R): agonists of MC4R (AID 540308)uHTS identification of DNMT1 inhibitors in a Fluorescent Molecular Beacon assay (AID 588458)Fluorescence-based biochemical primary high throughput screening assay to identify inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 588726)Luminescence-based cell-based high throughput confirmation assay for biased ligands (agonists) of the melanocortin 4 receptor (MC4R) (AID 602192)qHTS Assay to Identify Small Molecule Activators of BRCA1 Expression (AID 624202)uHTS identification of SKN-1 Inhibitors in a fluorescence assay (AID 624304)Counterscreen for inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis: Fluorescence-based biochemical high throughput Glycero-phosphate Dehydrogenase-Triosephosphate Isomerase (GDH-TPI) assay to identify assay artifacts (AID 652141)HTS for Bacterial rRNA inhibitors Measured in Microorganism-Based System Using Plate Reader - 7056-01 Inhibitor SinglePoint.HTS Activity (AID 720706)								
Treatment	Score																							
CXCKC.WT	0.23																							
STK3.WT.1	0.43																							
STK3.WT.2	0.01																							
BRD-K29290722-001-01-4 PubChem CID : 54618609		0.68 (in 4 replicates)	<div>0.43 ± 0.14</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCKC.WT</td><td>0.23</td></tr><tr><td>STK3.WT.1</td><td>0.41</td></tr><tr><td>STK3.WT.2</td><td>0.07</td></tr></table> <div>0.587 ± 0.286</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCKC.WT</td><td>0.257</td></tr><tr><td>STK3.WT.1</td><td>0.760</td></tr><tr><td>STK3.WT.2</td><td>0.150</td></tr></table>	Treatment	Score	CXCKC.WT	0.23	STK3.WT.1	0.41	STK3.WT.2	0.07	Treatment	Score	CXCKC.WT	0.257	STK3.WT.1	0.760	STK3.WT.2	0.150					Total number of assays tested in: 23. Active in the following assays: <ul style="list-style-type: none">Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01 Activator SinglePoint.HTS Activity (AID 623901)Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01 Activator Dose CherryPick Activity (AID 651956)
Treatment	Score																							
CXCKC.WT	0.23																							
STK3.WT.1	0.41																							
STK3.WT.2	0.07																							
Treatment	Score																							
CXCKC.WT	0.257																							
STK3.WT.1	0.760																							
STK3.WT.2	0.150																							

BRD-K86600397-001-01-8 PubChem CID : 44501134		0.87 (in 4 replicates)	<div>0.42 ± 0.10</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>0.02</td></tr><tr><td>STK1.WT.1</td><td>0.04</td></tr><tr><td>STK1.WT.2</td><td>0.02</td></tr></table>	Treatment	Score	CXCLWT	0.02	STK1.WT.1	0.04	STK1.WT.2	0.02	<div>0.632 ± 0.401</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>0.04</td></tr><tr><td>STK1.WT.1</td><td>0.08</td></tr><tr><td>STK1.WT.2</td><td>0.04</td></tr></table>	Treatment	Score	CXCLWT	0.04	STK1.WT.1	0.08	STK1.WT.2	0.04				Total number of assays tested in: 33.
Treatment	Score																							
CXCLWT	0.02																							
STK1.WT.1	0.04																							
STK1.WT.2	0.02																							
Treatment	Score																							
CXCLWT	0.04																							
STK1.WT.1	0.08																							
STK1.WT.2	0.04																							
BRD-K68501905-001-05-6 AC1LP8MW Ambcb7000846 MLS000575933 HMS2326008 ZINC1158876 SMR000196963 PubChem CID : 1327906		0.61 (in 2 replicates)	<div>0.42 ± 0.12</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>0.02</td></tr><tr><td>STK1.WT.1</td><td>0.06</td></tr><tr><td>STK1.WT.2</td><td>0.05</td></tr></table>	Treatment	Score	CXCLWT	0.02	STK1.WT.1	0.06	STK1.WT.2	0.05	NA				Total number of assays tested in: 672. Active in the following assays: <ul style="list-style-type: none">CYP2C9 Assay (AID 777)QFRET-based primary biochemical high throughput screening assay to identify inhibitors of the SARS coronavirus 3C-like Protease (3CLPro) (AID 1706)Fluorescence-based biochemical primary high throughput screening assay to identify molecules that bind r(CAG) RNA repeats (AID 651821)Counterscreen for molecules that bind rCAG RNA repeats: fluorescent based biochemical counterscreen assay for inhibitors of the DNA-based (5'CAG/3'GTC) TO-PRO-1 dye complex (AID 652068)TRFRET-based biochemical primary high throughput screening assay to identify inhibitors of 5-mnCpG-binding domain protein 2 (MBD2)-DBD binding to methylated oligonucleotide (AID 686964)								
Treatment	Score																							
CXCLWT	0.02																							
STK1.WT.1	0.06																							
STK1.WT.2	0.05																							
BRD-K52251545-001-05-2 AC1M5VPS MLS000418615 HMS2531C16 ZINC3270008 SMR000247565 T0510-7581 PubChem CID : 2386323		0.80 (in 4 replicates)	<div>0.42 ± 0.19</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>0.06</td></tr><tr><td>STK1.WT.1</td><td>0.06</td></tr><tr><td>STK1.WT.2</td><td>0.09</td></tr></table>	Treatment	Score	CXCLWT	0.06	STK1.WT.1	0.06	STK1.WT.2	0.09	NA				Total number of assays tested in: 629. Active in the following assays: <ul style="list-style-type: none">Total Fluorescence Counterscreen for Inhibitors of the Interaction of Thyroid Hormone Receptor and Steroid Receptor Coregulator 2 (AID 1479)Antagonist of Human D 1 Dopamine Receptor: qHTS (AID 504652)High-throughput multiplex microsphere screening for inhibitors of toxin protease, specifically Botulinum neurotoxin light chain F protease, MLPCN compound set (AID 588497)								
Treatment	Score																							
CXCLWT	0.06																							
STK1.WT.1	0.06																							
STK1.WT.2	0.09																							
BRD-K07726175-001-06-4 MLS000101513 SMR000017682 F0600-1566 ZINC02723956 AC1M1ZD5 MLS0002152803 BDBM39509 HMS2244B03 ZINC2723956 PubChem CID : 2159329		NA (in 1 replicates)	<div>-0.58 ± 0.01</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>-0.09</td></tr><tr><td>STK1.WT.1</td><td>-0.38</td></tr><tr><td>STK1.WT.2</td><td>-0.07</td></tr></table>	Treatment	Score	CXCLWT	-0.09	STK1.WT.1	-0.38	STK1.WT.2	-0.07	NA				Total number of assays tested in: 760. Active in the following assays: <ul style="list-style-type: none">Primary Cell-based High Throughput Screening assay for activators of the nuclear receptor Steroidogenic Factor 1 (SF-1) (AID 522)HTS of Estrogen Receptor- alpha Coactivator Binding inhibitors (AID 629)HTS for Estrogen Receptor-beta Coactivator Binding inhibitors (AID 633)Primary cell-based high-throughput screening assay to identify agonists of Galanin Receptor 2 (GALR2) (AID 803)uHTS of Mcl-1/Bid interaction inhibitors (AID 1021)uHTS of Mcl-1/Noxa interaction inhibitors (AID 1022)Dose Response Confirmation for Mcl-1/Bid Interaction Inhibitors (AID 1418)Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Primary Screen (AID 1456)qHTS Assay for Promiscuous and Specific Inhibitors of Cruzain (without detergent) (AID 1476)HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732)uHTS identification of DNMT1 inhibitors in a Fluorescent Molecular Beacon assay (AID 588458)qHTS for Stage-Specific Inhibitors of Vaccinia Orthopoxvirus: Venus Reporter Primary qHTS (AID 720580)								
Treatment	Score																							
CXCLWT	-0.09																							
STK1.WT.1	-0.38																							
STK1.WT.2	-0.07																							
BRD-K88806900-001-05-0 BAS 00678327 ZINC00320223 AC1LFUQ3 MLS000556737 ARONIS25745 HMS2331P05 ZINC320223 STL289957 SMR000175822 KB-120261 ST45054549 PB184801722 PubChem CID : 809168		NA (in 1 replicates)	<div>-0.54 ± 0.10</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>-0.03</td></tr><tr><td>STK1.WT.1</td><td>-0.36</td></tr><tr><td>STK1.WT.2</td><td>-0.41</td></tr></table>	Treatment	Score	CXCLWT	-0.03	STK1.WT.1	-0.36	STK1.WT.2	-0.41	NA				Total number of assays tested in: 666. Active in the following assays: <ul style="list-style-type: none">A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315)HTS Assay for Positive Allosteric Modulators of the Human D2 Dopamine Receptor: Primary Screen for Potentiators (AID 485347)uHTS Colorimetric assay for identification of inhibitors of Scp-1 (AID 490091)								
Treatment	Score																							
CXCLWT	-0.03																							
STK1.WT.1	-0.36																							
STK1.WT.2	-0.41																							
BRD-K42959654-001-01-9 PubChem CID : 54646040		NA (in 1 replicates)	<div>-0.53 ± 0.06</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>-0.39</td></tr><tr><td>STK1.WT.1</td><td>-0.65</td></tr><tr><td>STK1.WT.2</td><td>-0.47</td></tr></table>	Treatment	Score	CXCLWT	-0.39	STK1.WT.1	-0.65	STK1.WT.2	-0.47	<div>0.208 ± 0.138</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>0.33</td></tr><tr><td>STK1.WT.1</td><td>0.24</td></tr><tr><td>STK1.WT.2</td><td>0.060</td></tr></table>	Treatment	Score	CXCLWT	0.33	STK1.WT.1	0.24	STK1.WT.2	0.060				Total number of assays tested in: 42.
Treatment	Score																							
CXCLWT	-0.39																							
STK1.WT.1	-0.65																							
STK1.WT.2	-0.47																							
Treatment	Score																							
CXCLWT	0.33																							
STK1.WT.1	0.24																							
STK1.WT.2	0.060																							
BRD-A84530592-001-07-1 ZINC00814335 AC1NRMA1 MLS000765155 HMS2726B07 STK167461 BAS 08978426 SMR000288560 ST093880 PubChem CID : 5294569		NA (in 1 replicates)	<div>-0.53 ± 0.03</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>-0.03</td></tr><tr><td>STK1.WT.1</td><td>-0.30</td></tr><tr><td>STK1.WT.2</td><td>-0.06</td></tr></table>	Treatment	Score	CXCLWT	-0.03	STK1.WT.1	-0.30	STK1.WT.2	-0.06	NA				Total number of assays tested in: 654. Active in the following assays: <ul style="list-style-type: none">Luminescent assay for identification of activators of bovine intestinal alkaline phosphatase (AID 1016)Primary screen for compounds that inhibit Insulin promoter activity in TRM-6 cells (AID 1273)uHTS Luminescent assay for identification of activators of mouse intestinal alkaline phosphatase (AID 2805)Single concentration confirmation of uHTS hits from a small molecule activators of mouse intestinal alkaline phosphatase via a luminescent assay (AID 434970)qHTS for Small Molecule Agonists and Allosteric Enhancers of Human TRH Receptor: Primary Screen for Enhancers (AID 490056)Activator for delta FosB/delta FosB homodimer Measured in Biochemical System Using Plate Reader - 2072-01_ActivatorSinglePoint_HTS_Activity (AID 493131)								
Treatment	Score																							
CXCLWT	-0.03																							
STK1.WT.1	-0.30																							
STK1.WT.2	-0.06																							
BRD-K58469266-001-01-0 PubChem CID : 54646063		NA (in 1 replicates)	<div>-0.53 ± 0.16</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>-0.04</td></tr><tr><td>STK1.WT.1</td><td>-0.60</td></tr><tr><td>STK1.WT.2</td><td>-0.44</td></tr></table>	Treatment	Score	CXCLWT	-0.04	STK1.WT.1	-0.60	STK1.WT.2	-0.44	<div>0.650 ± 0.359</div> <table><tr><td>Treatment</td><td>Score</td></tr><tr><td>CXCLWT</td><td>0.06</td></tr><tr><td>STK1.WT.1</td><td>0.078</td></tr><tr><td>STK1.WT.2</td><td>0.267</td></tr></table>	Treatment	Score	CXCLWT	0.06	STK1.WT.1	0.078	STK1.WT.2	0.267				Total number of assays tested in: 39.
Treatment	Score																							
CXCLWT	-0.04																							
STK1.WT.1	-0.60																							
STK1.WT.2	-0.44																							
Treatment	Score																							
CXCLWT	0.06																							
STK1.WT.1	0.078																							
STK1.WT.2	0.267																							

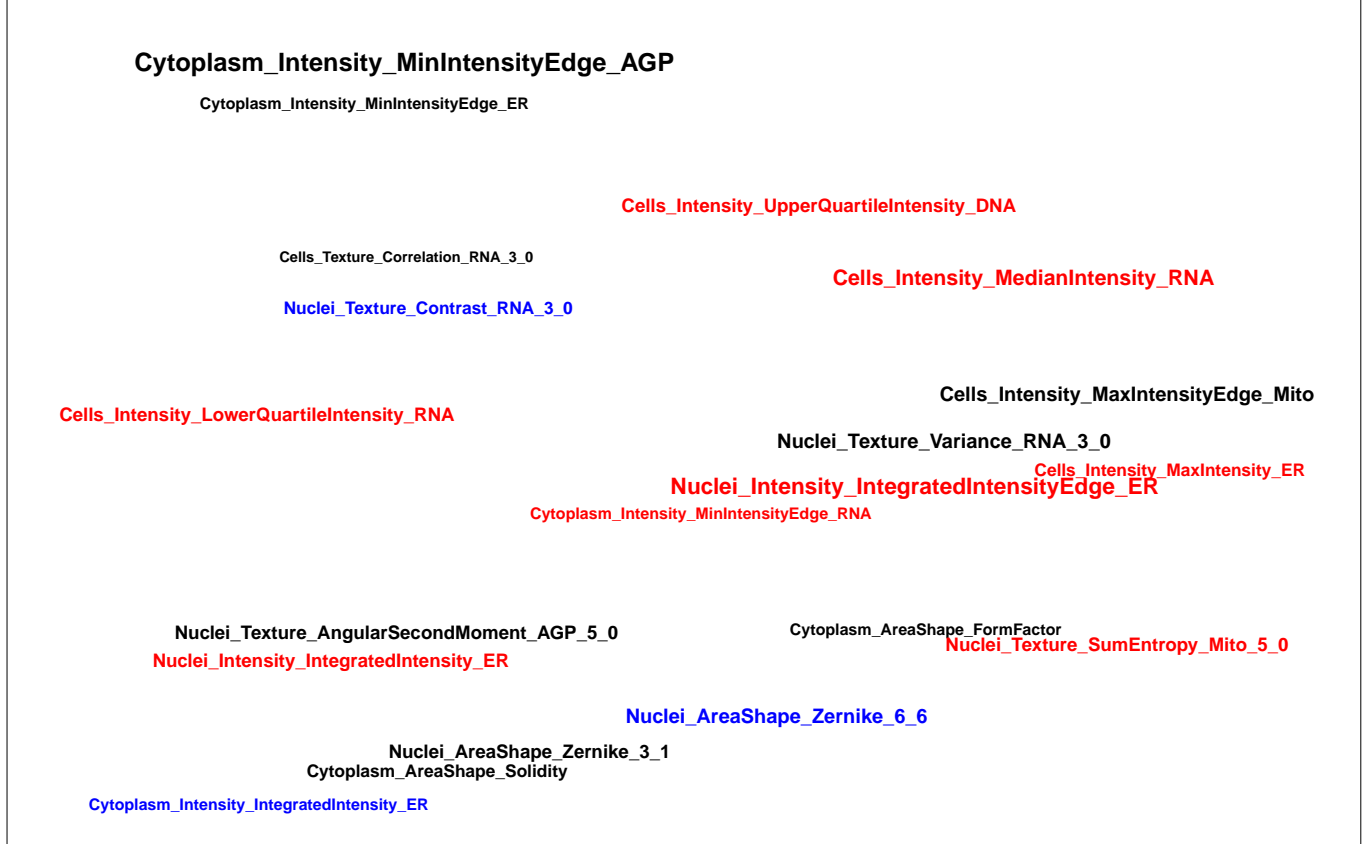
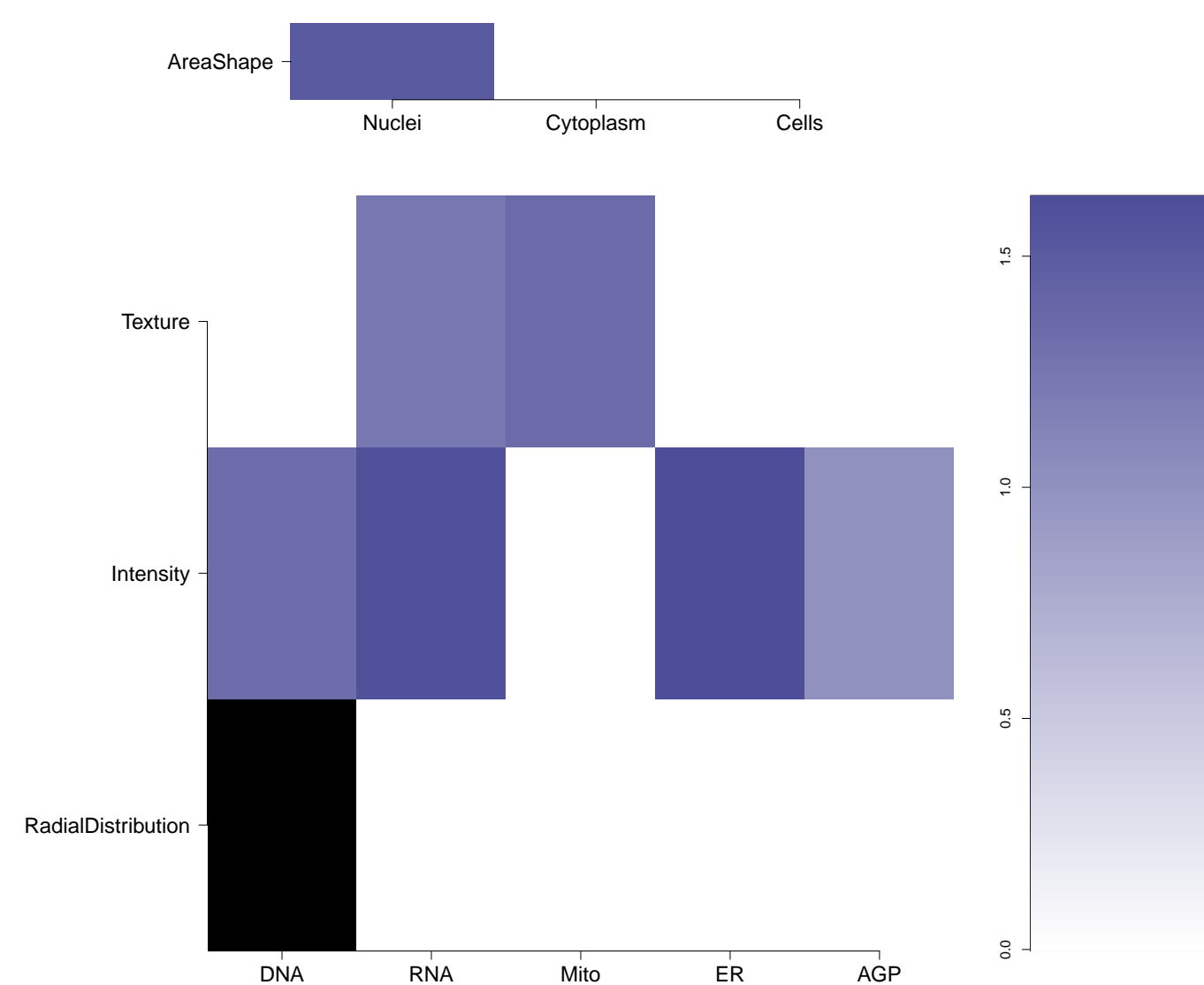
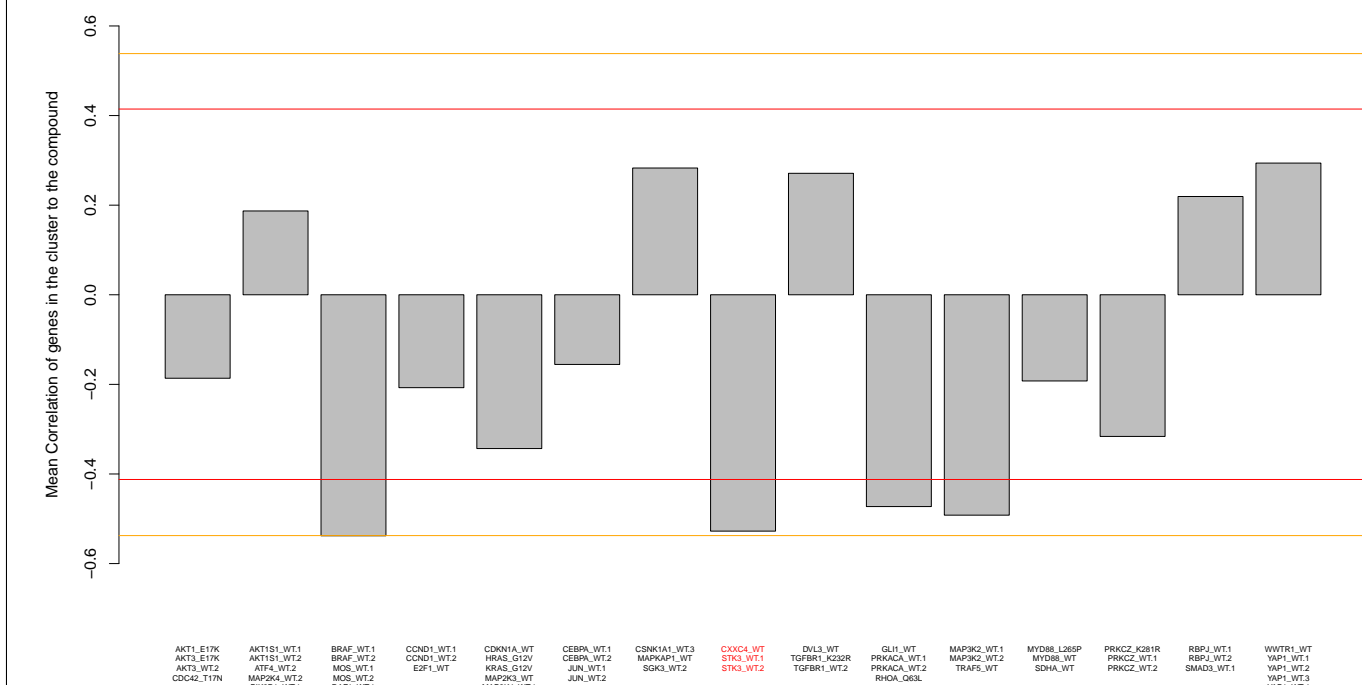
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NA (in 1 replicates)

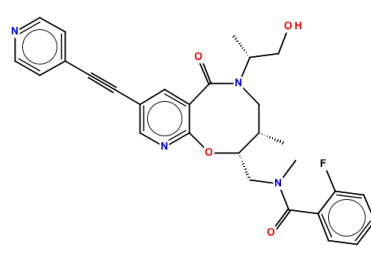
Treatment	Score
CXCK1.WT	-0.50
STK3.WT1	-0.48
STK3.WT2	-0.60

NA



- Total number of assays tested in: 673. Active in the following assays:
- Profiling compound fluorescence on GSH Beads with 488 nm excitation and 530 nm emission (AID 1776)
 - MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814)
 - Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)
 - HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732)
 - Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796)
 - TR-FRET-based biochemical high throughput dose response assay to identify NR2E3 inverse agonists (AID 463296)
 - Counterscreen for NR2E3 inverse agonists: TR-FRET-based biochemical high throughput dose response assay to identify inverse agonists of the interaction between peroxisome proliferator-activated receptor gamma (PPARg) and nuclear receptor co-repressor 2 (NCROR2) (AID 463257)
 - qHTS profiling assay for firefly luciferase inhibitor/activator using purified enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342)
 - Screen for inhibitors of the SWI/SNF chromatin remodeling complex (esBAF) in mouse embryonic stem cells with Luciferase reporter assay Measured in Cell-Based System Using Plate Reader - 2141-01.Inhibitor.SinglePoint.HTS Activity (AID 602393)
 - Cytotoxicity screening for potential Inhibitors of Bacterial Capsule Biogenesis (5) (AID 602414)
 - Screen for inhibitors of the SWI/SNF chromatin remodeling complex (esBAF) in mouse embryonic stem cells with Luciferase reporter assay Measured in Cell-Based System Using Plate Reader - 2141-01.Inhibitor.Dose.CherryPick.Activity (AID 651717)

BRD-K48782834-001-01-2
PubChem CID : 54619202

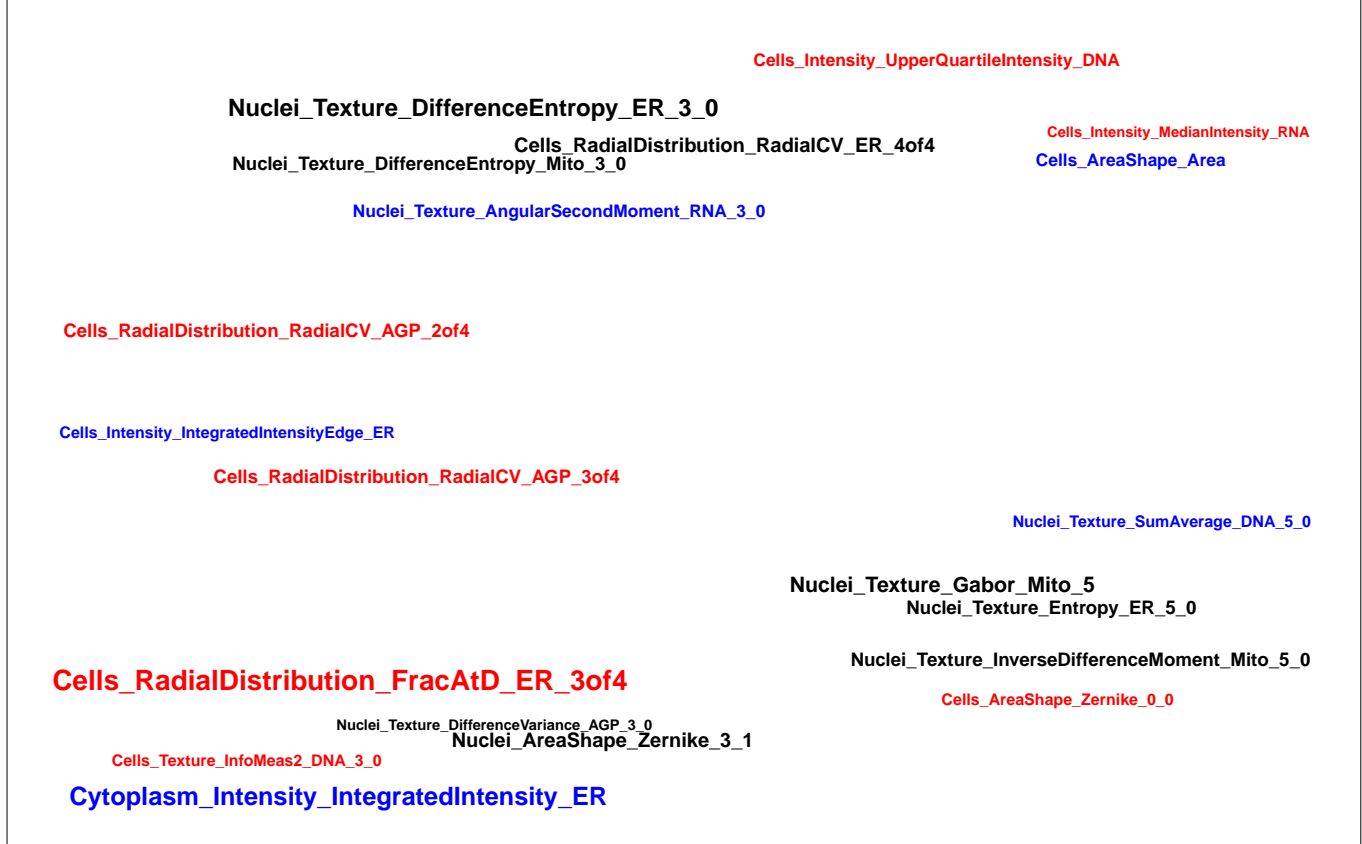
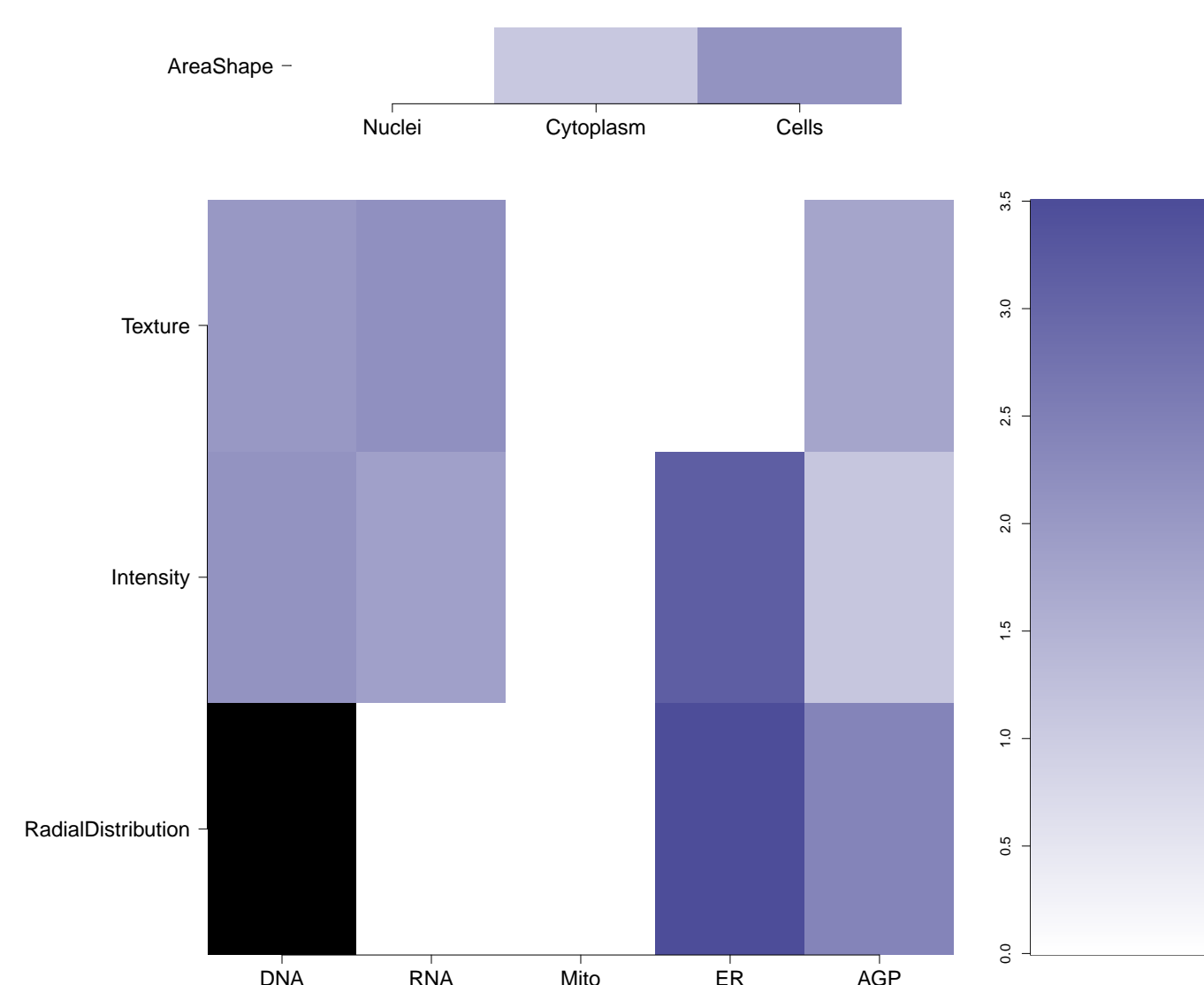
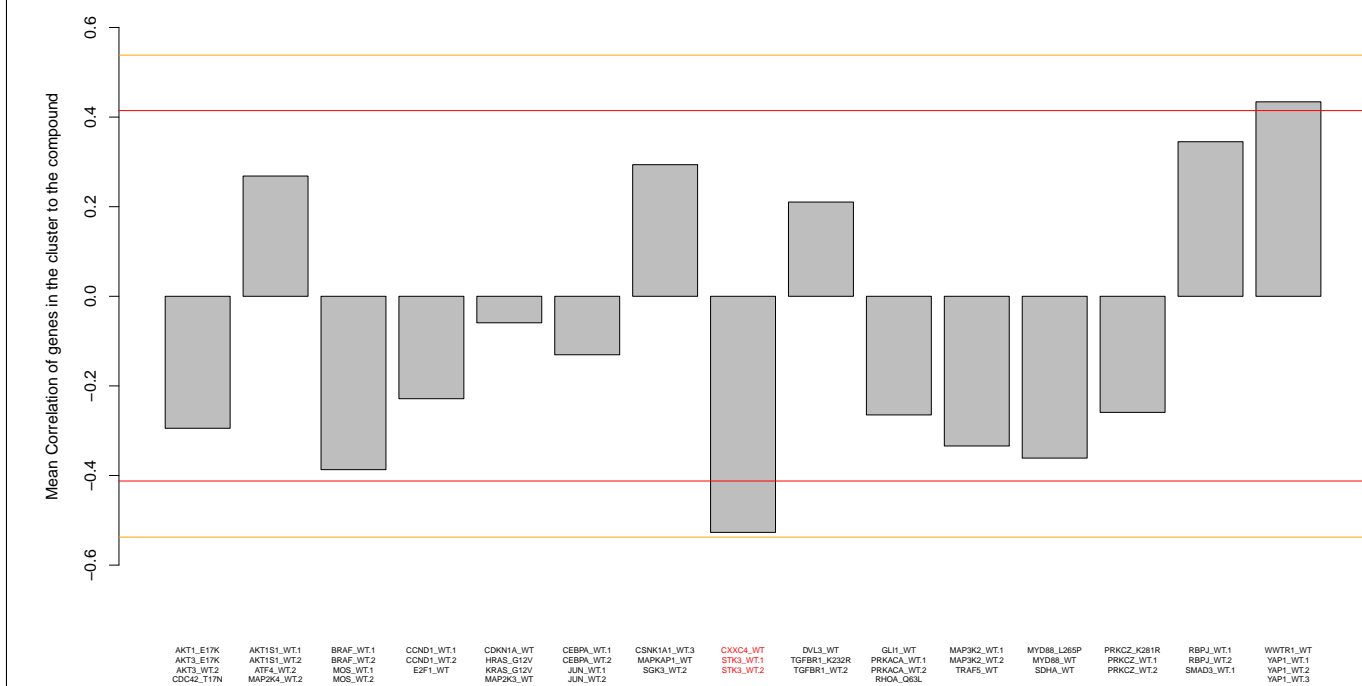


0.80 (in 4 replicates)

Treatment	Score
CXCK1.WT	-0.43
STK3.WT1	-0.51
STK3.WT2	-0.61

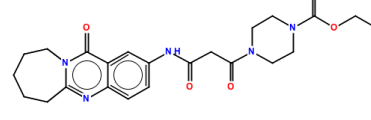
0.652 ± 0.373

Treatment	Score
CXCK1.WT	0.222
STK3.WT1	0.363
STK3.WT2	0.800



Total number of assays tested in: 38.

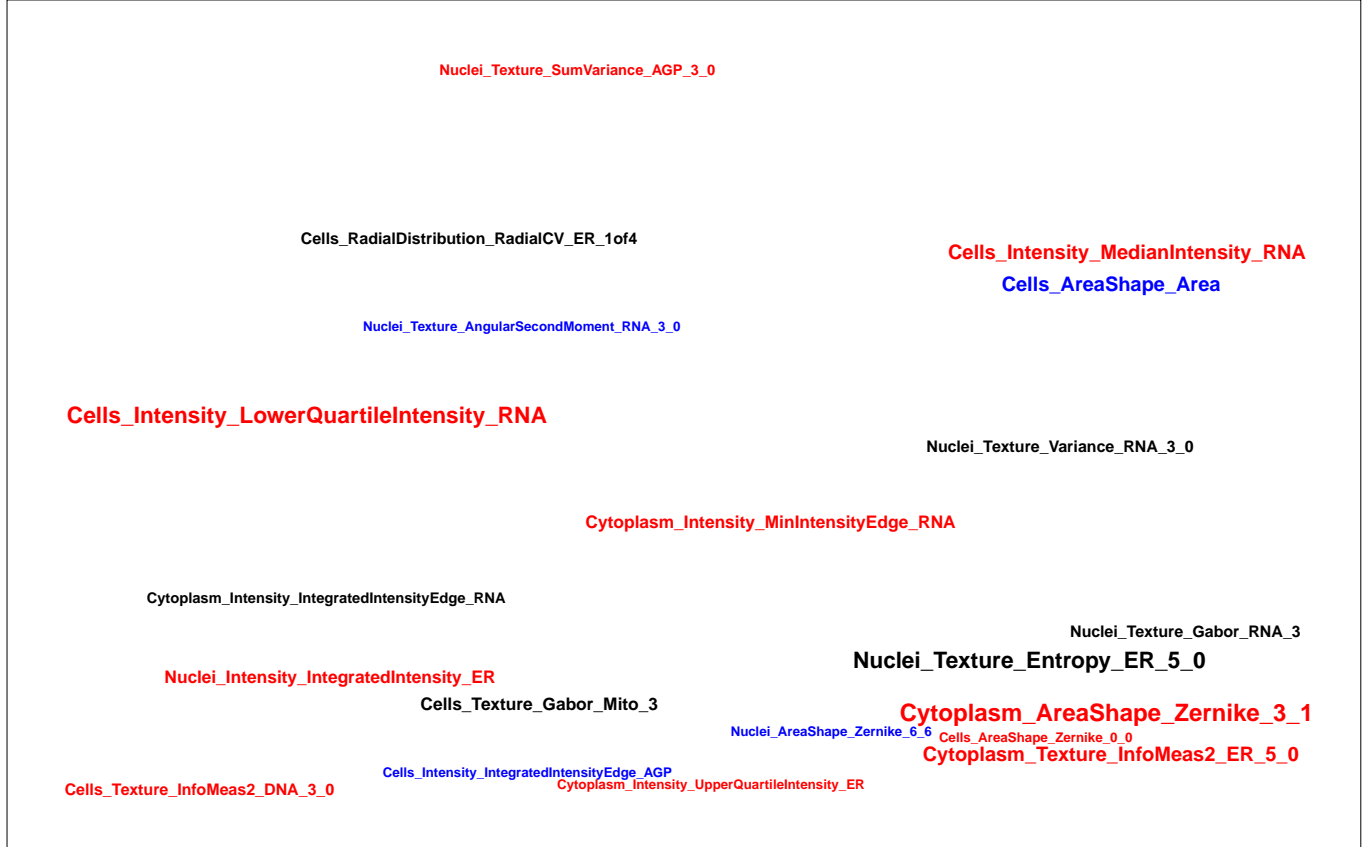
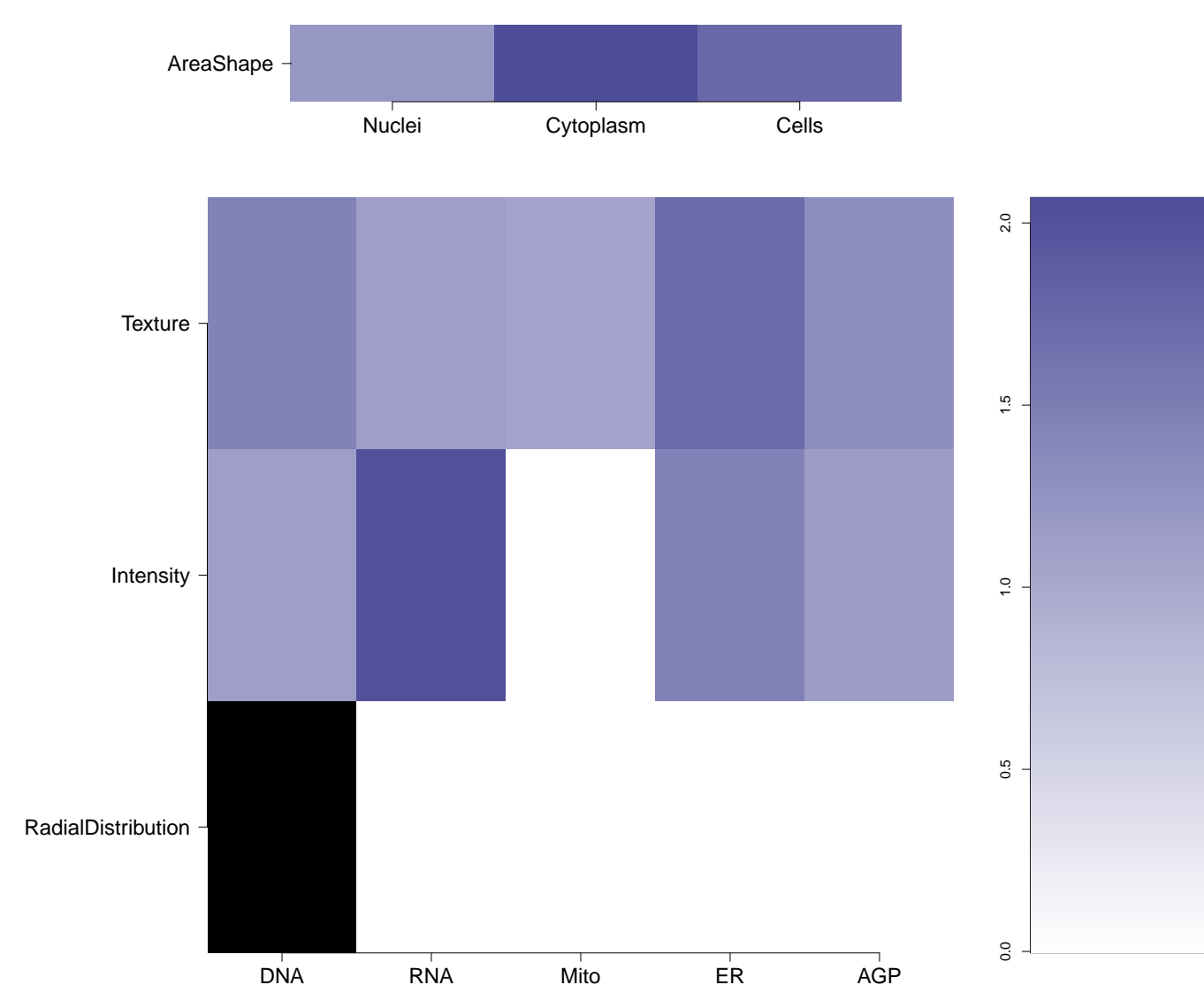
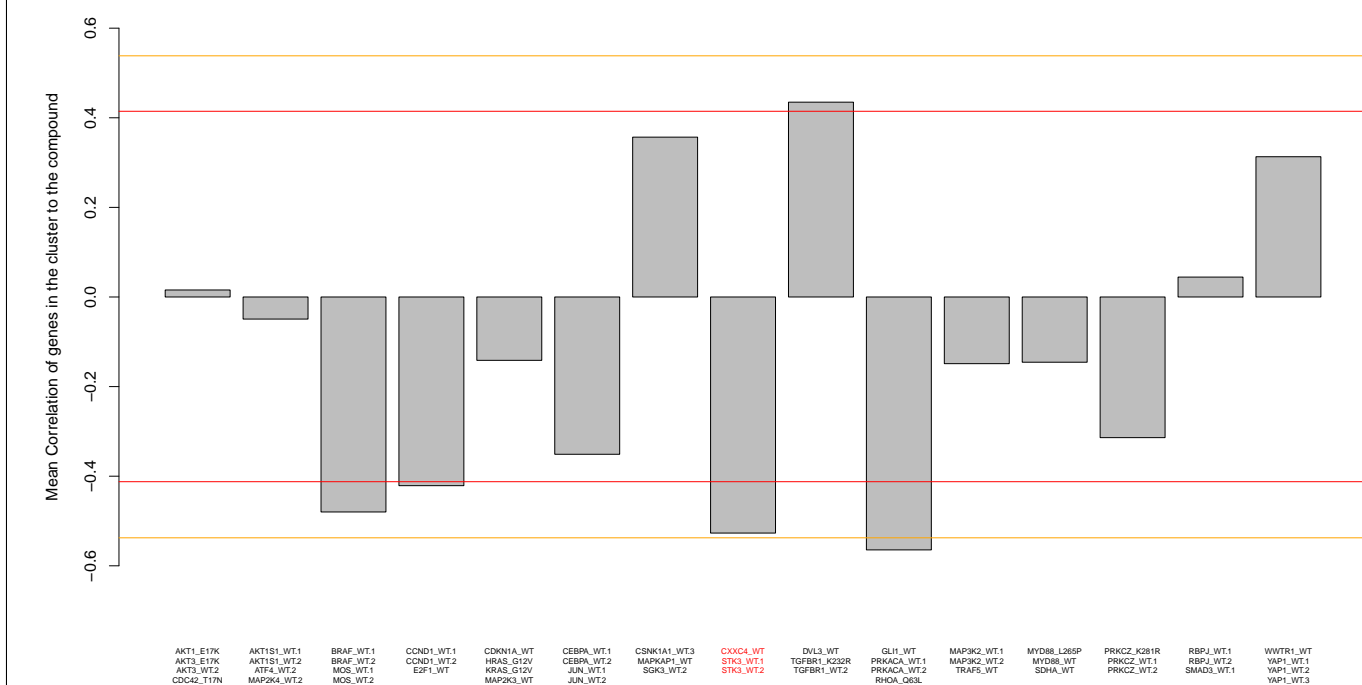
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NA (in 1 replicates)

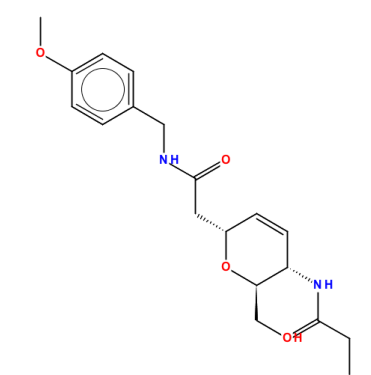
Treatment	Score
CXCK1.WT	-0.64
STK3.WT1	-0.51
STK3.WT2	-0.65

NA



- Total number of assays tested in: 758. Active in the following assays:
- Factor XIIa Mixture HTS (AID 684)
 - CYP2C9 Assay (AID 777)
 - Primary qHTS for delayed death inhibitors of the malarial parasite plastid, 48 hour incubation (AID 504832)

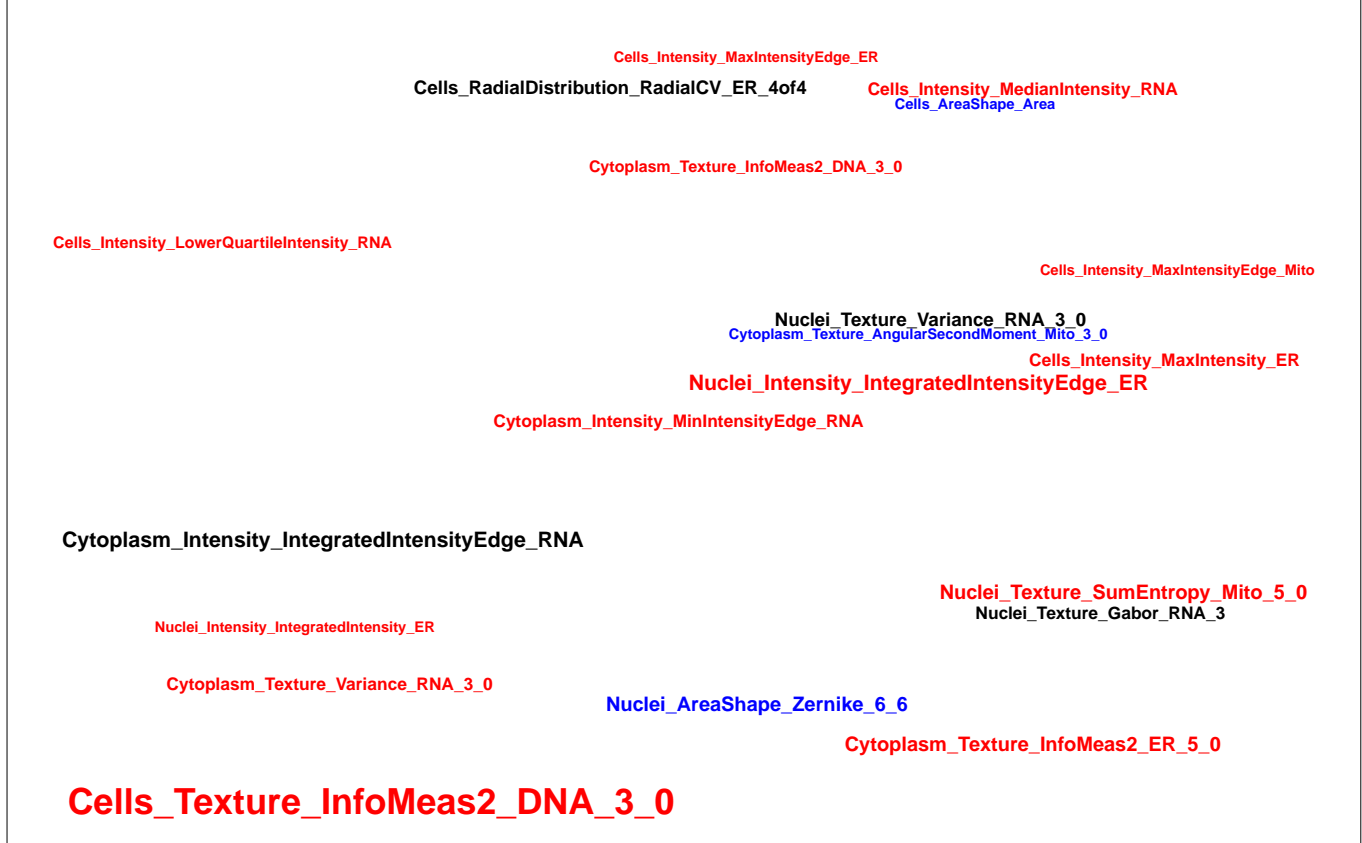
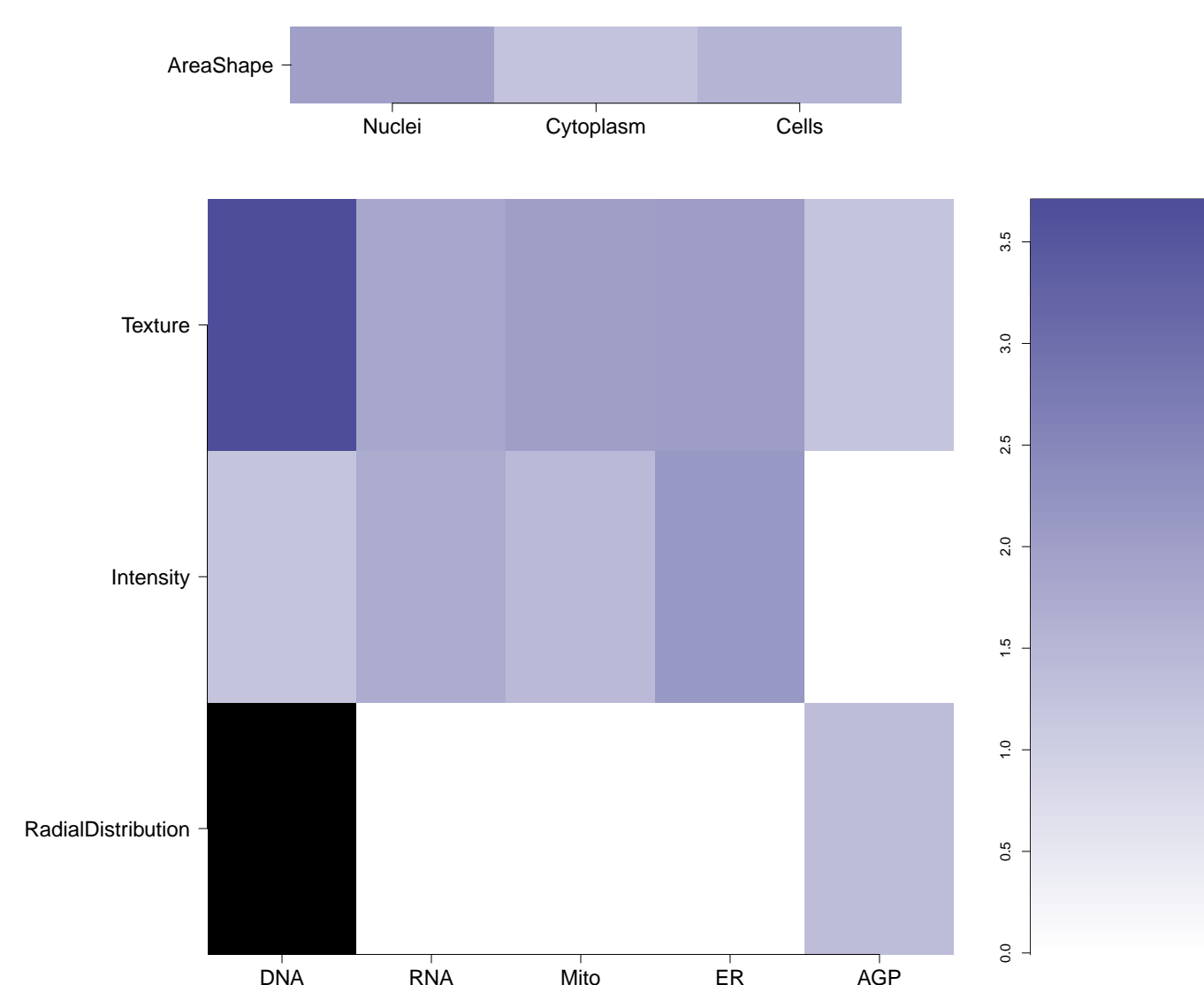
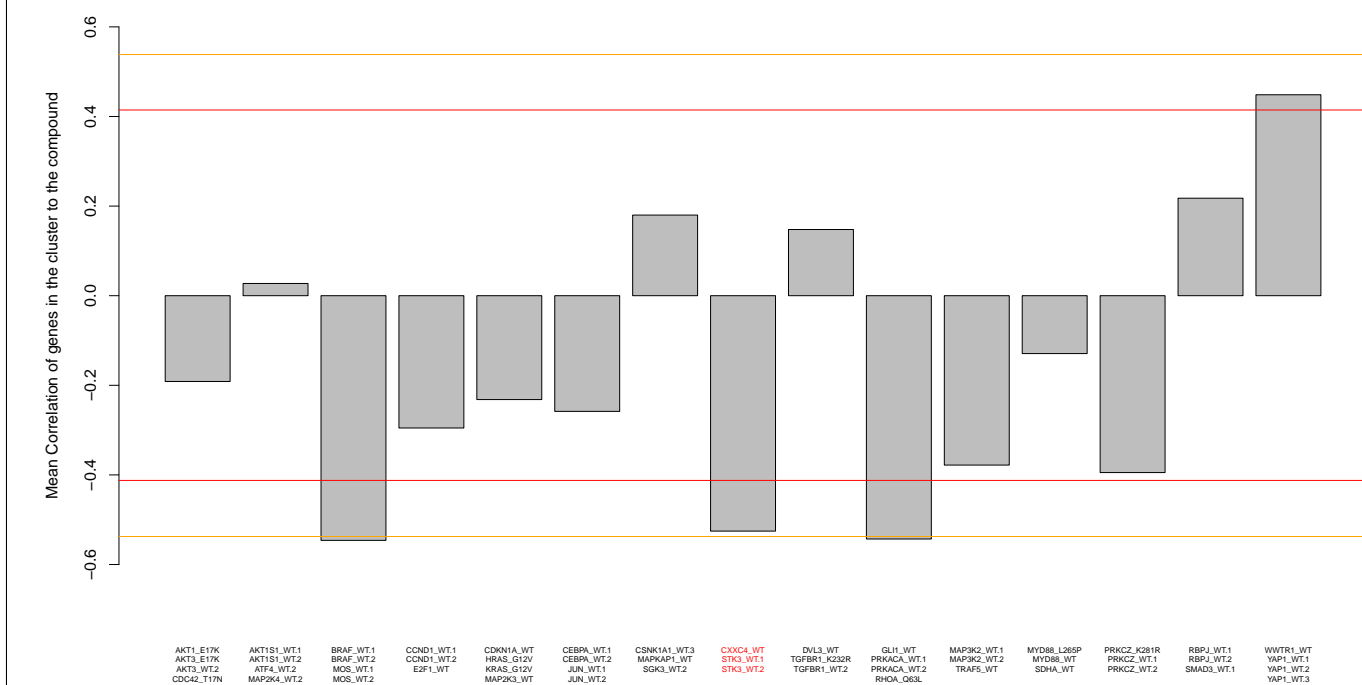
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PubChem CID : 54641067



NA (in 1 replicates)

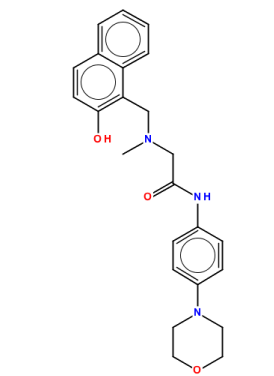
Treatment	Score
CXCK1.WT	-0.32
STK3.WT1	-0.32
STK3.WT2	-0.51

NA



Total number of assays tested in: 38.

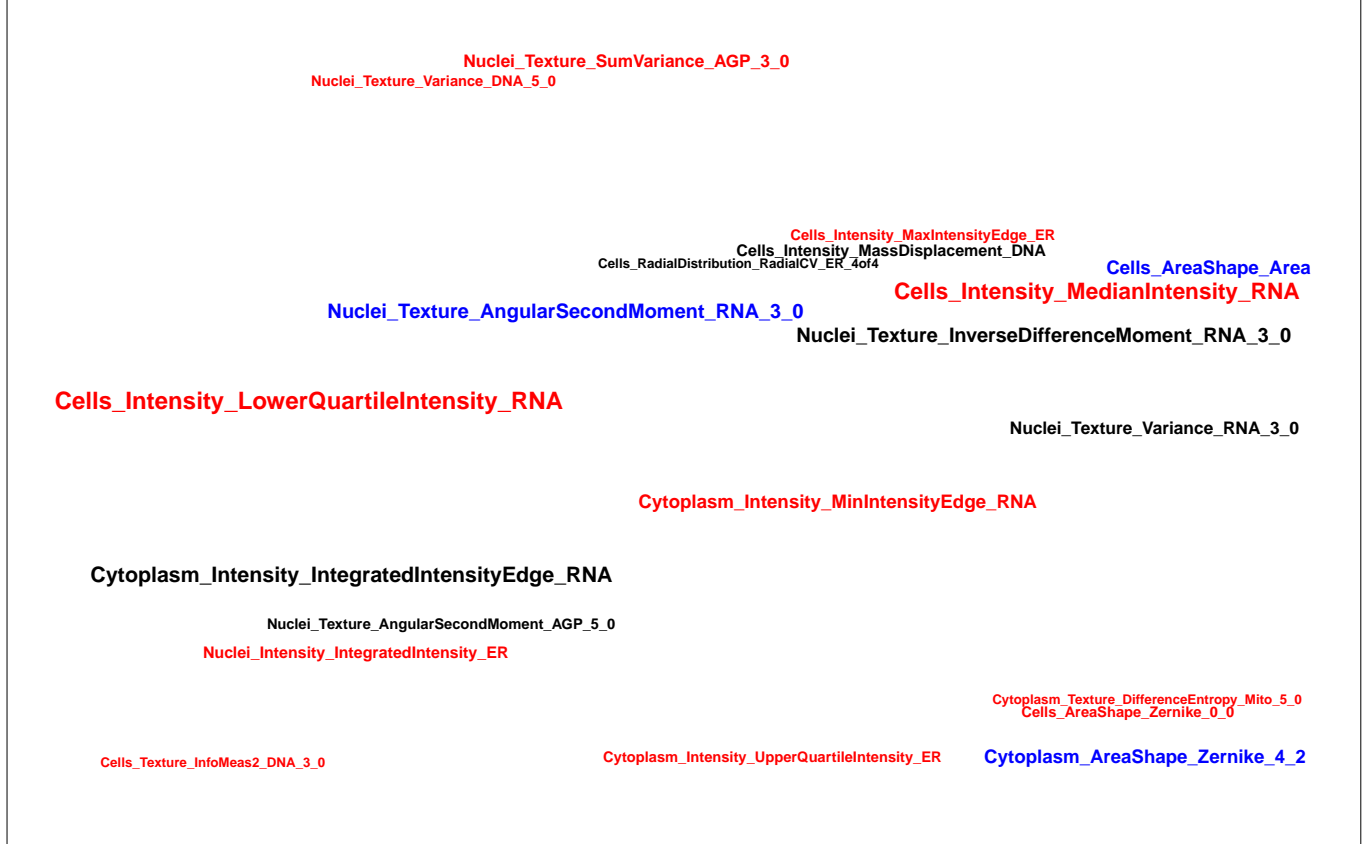
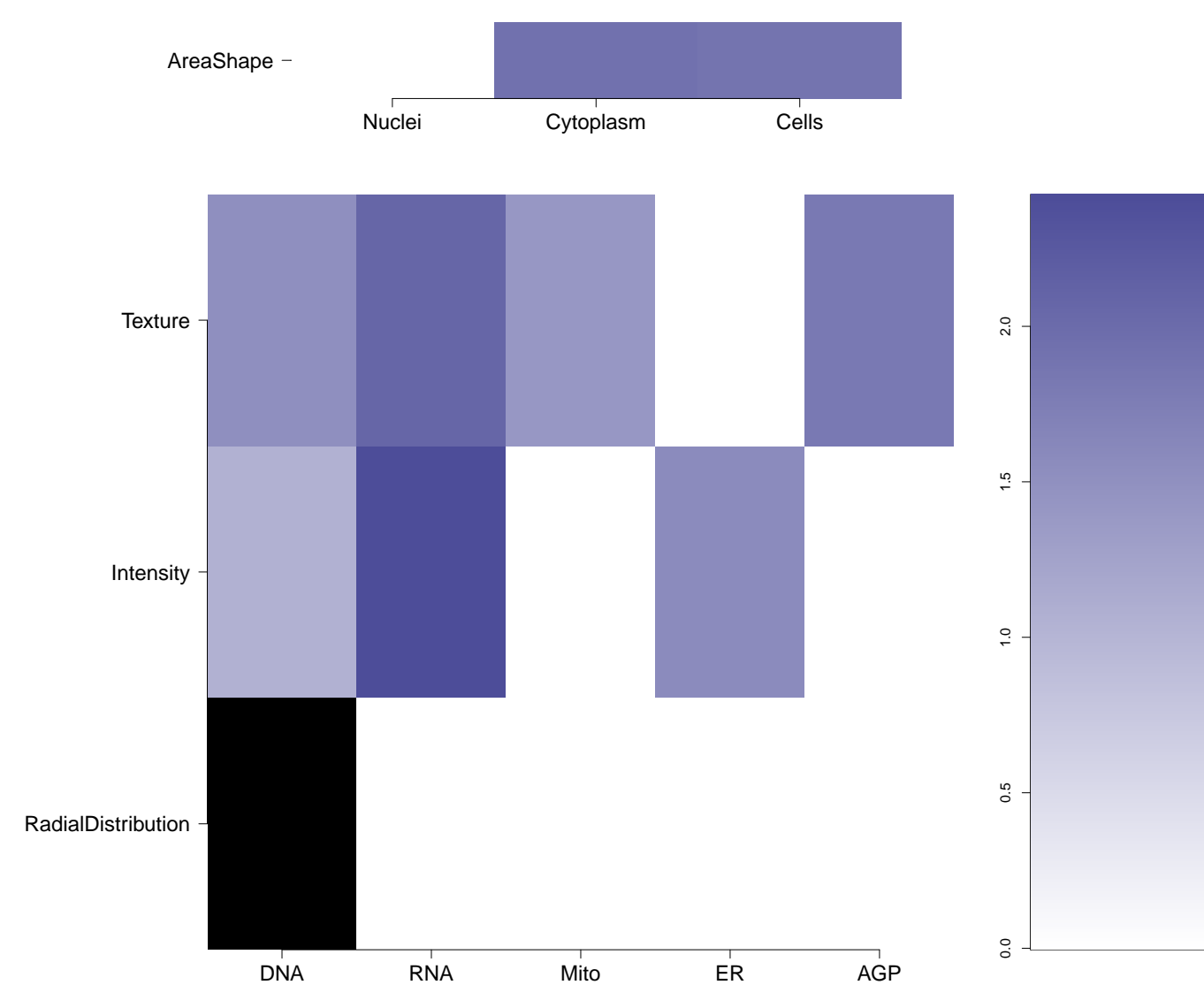
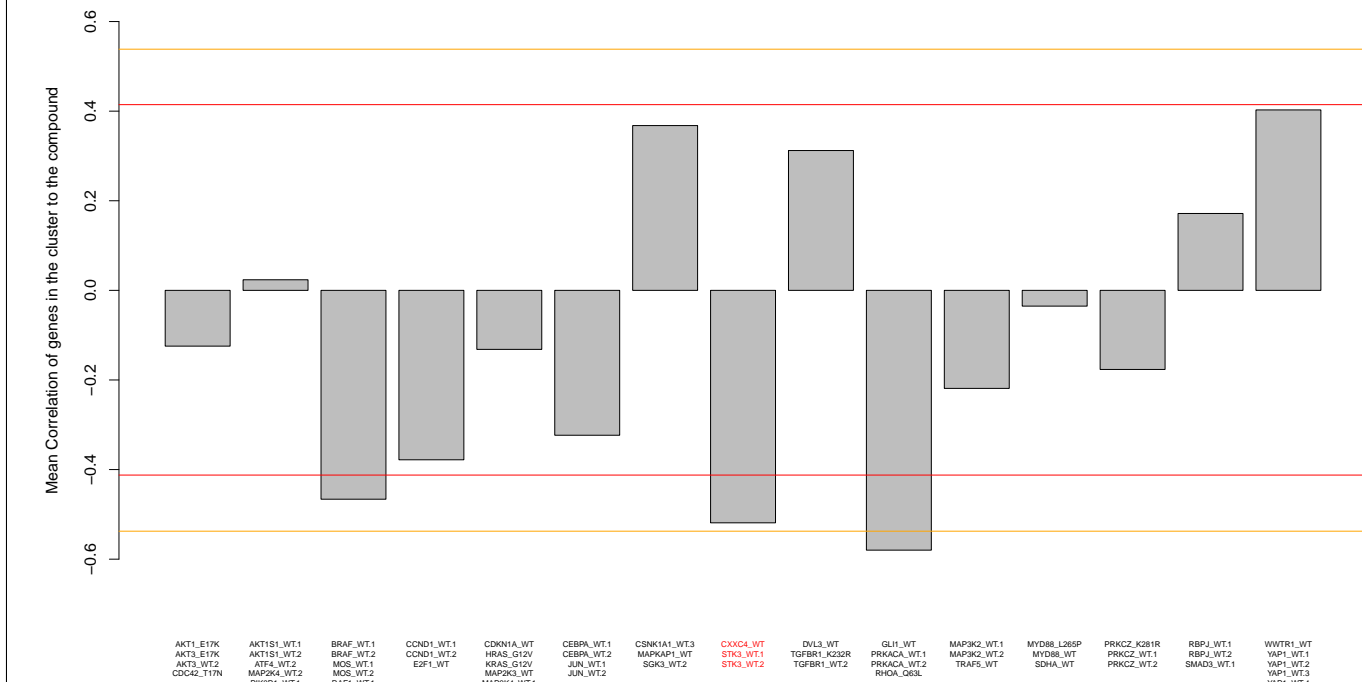
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T5219625
AC1M7Q60
BDBM34973
HMS2670M16
ZINC3307602
PubChem CID : 2423351



NA (in 1 replicates)

Treatment	Score
CXCK1.WT	-0.36
STK3.WT1	-0.32
STK3.WT2	-0.48

NA



- Total number of assays tested in: 641. Active in the following assays:
- qHTS Assay for Inhibitors of Aldolase Dehydrogenase 1 (ALDH1A1) (AID 1030)
 - qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551)
 - qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxisomoxins (AID 485364)
 - qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332)
 - qHTS Assay for Inhibitors of JMJD2A-Tudor Domain (AID 504339)
 - Heat Shock Factor-1 (HSF-1) Measured in Cell-Based System Using Plate Reader - 2038-01.Activator.SinglePoint.HTS.Activity (AID 504408)
 - Inhibitors of the vitamin D receptor (VDR): qHTS (AID 504847)
 - qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a: Hit Confirmation (AID 588344)
 - qHTS Assay for Inhibitors of Mammalian Selenoprotein Thioredoxin Reductase 1 (TrxR1): qHTS (AID 588453)
 - qHTS for Inhibitors of PLK1-PDB (polo-like kinase 1 - polo-box domain): Primary Screen (AID 720504)