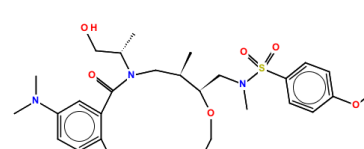
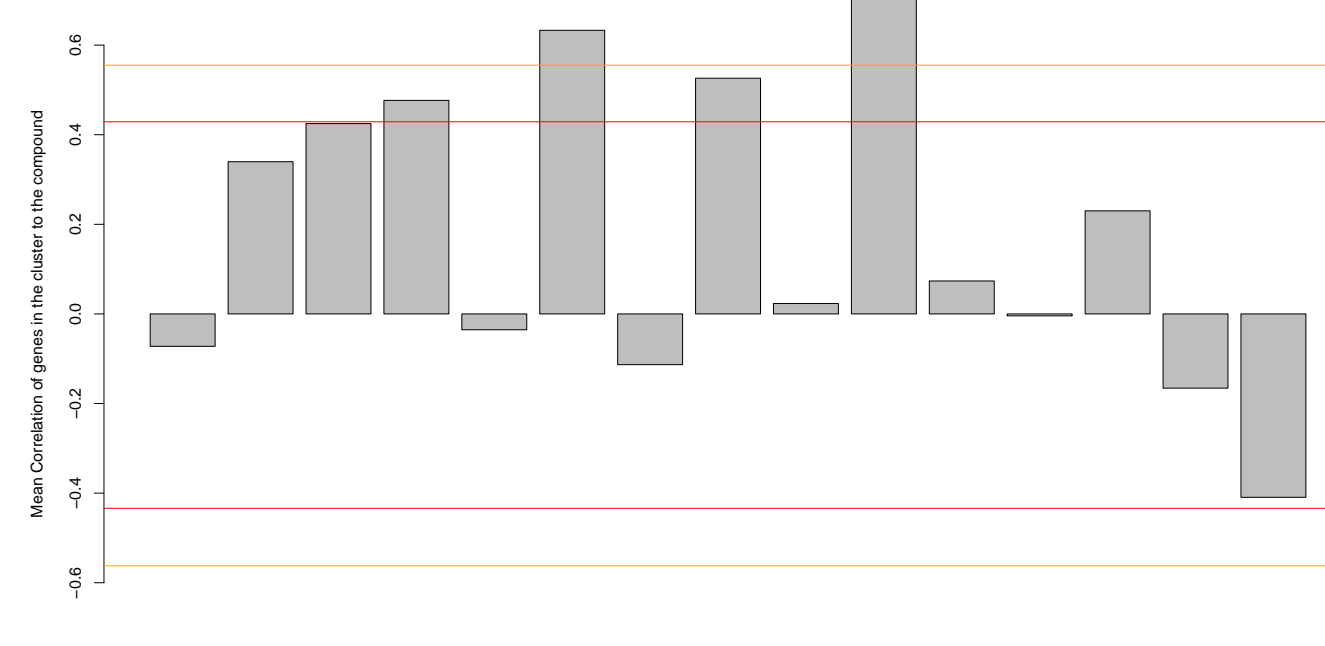
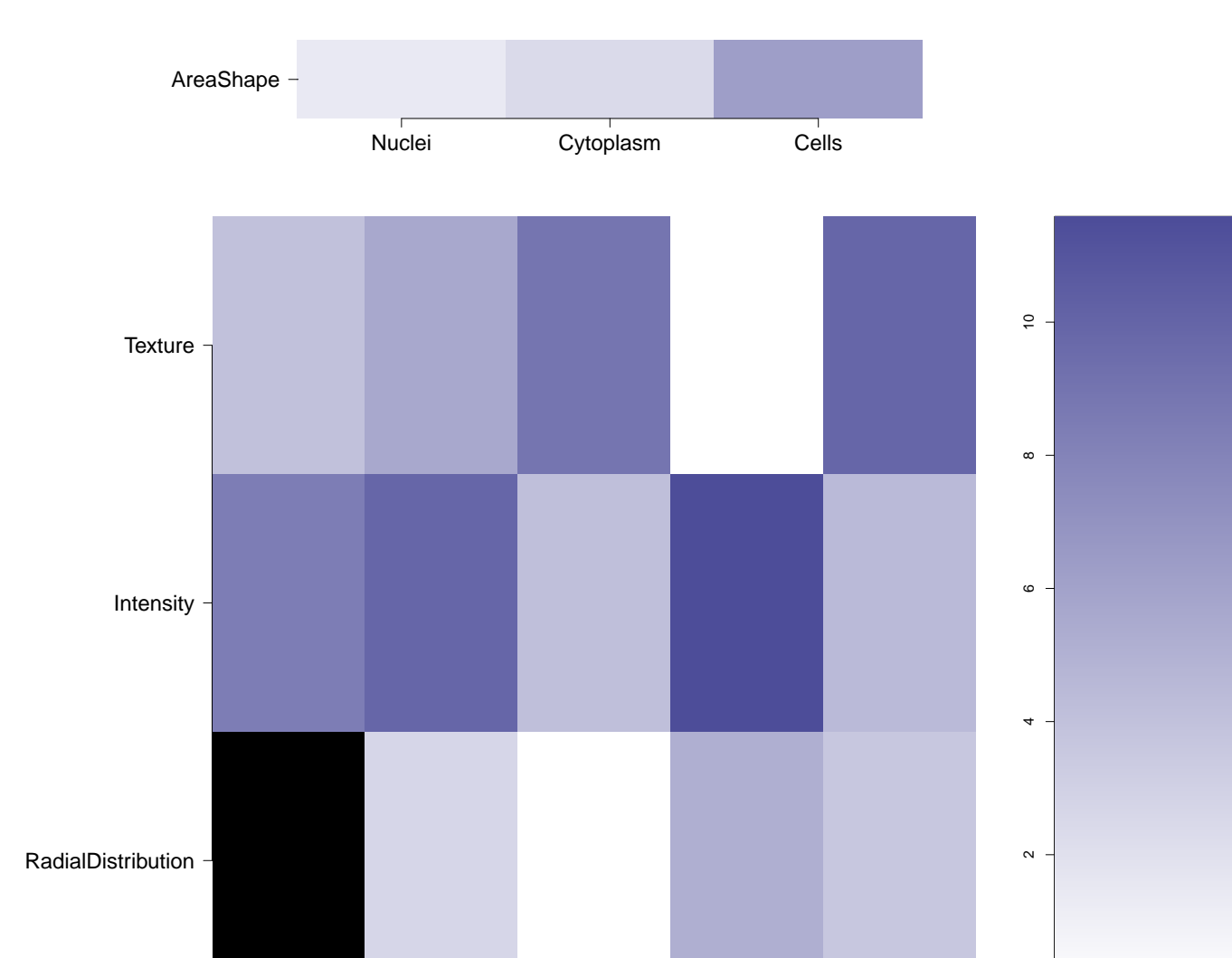
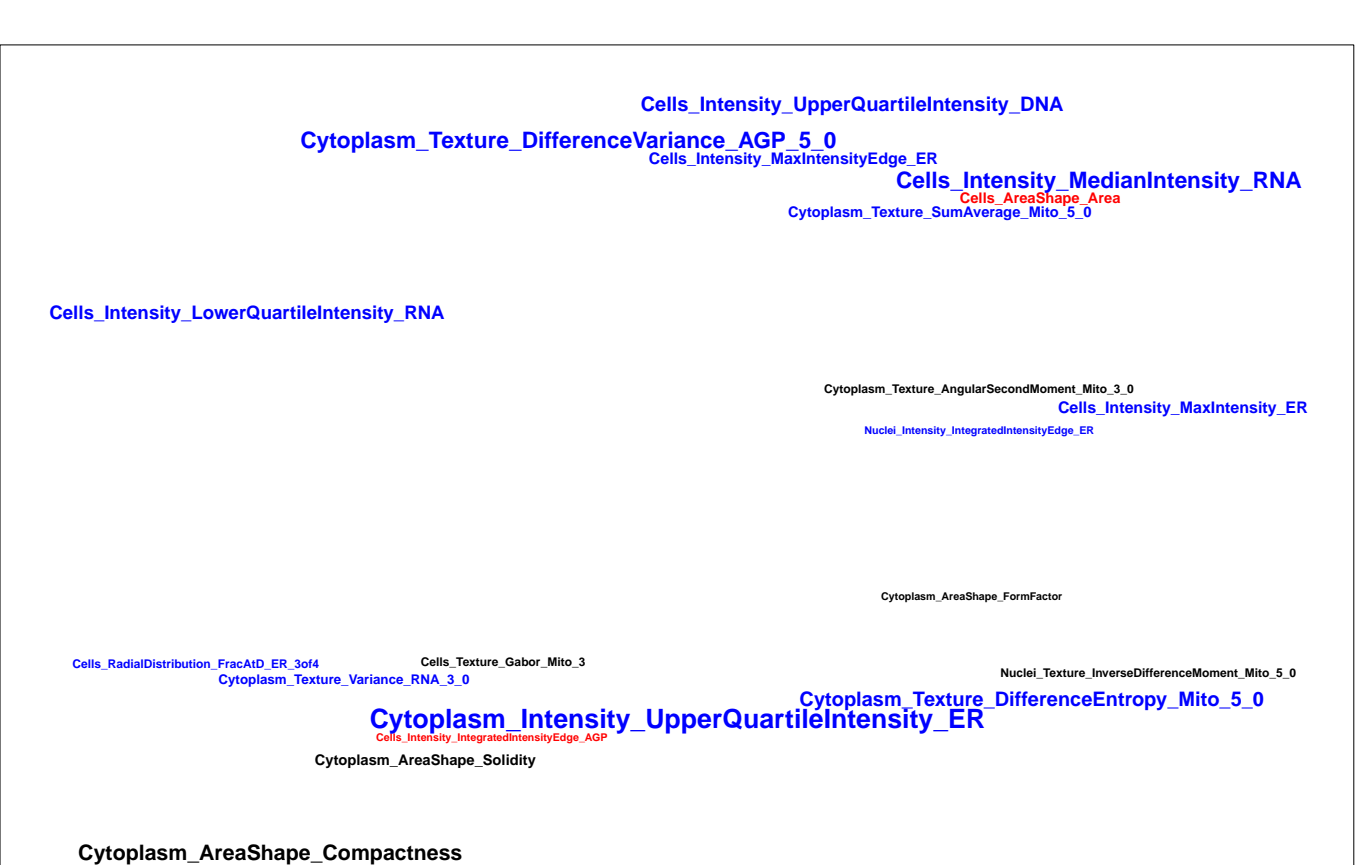
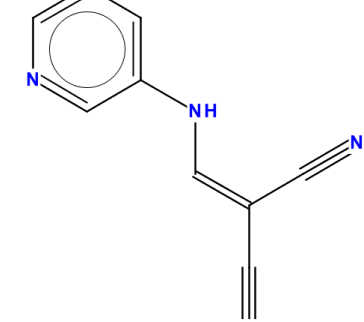

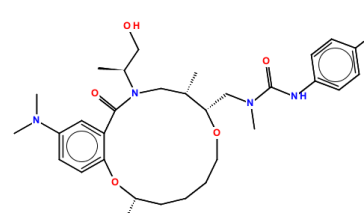
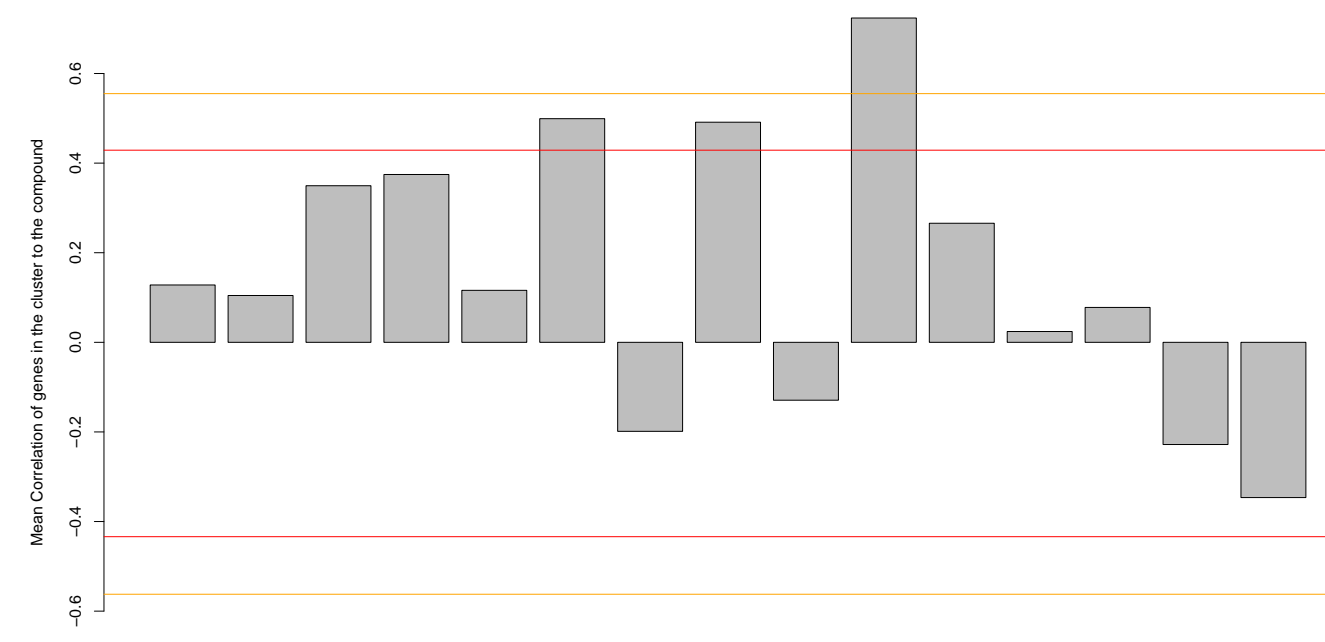
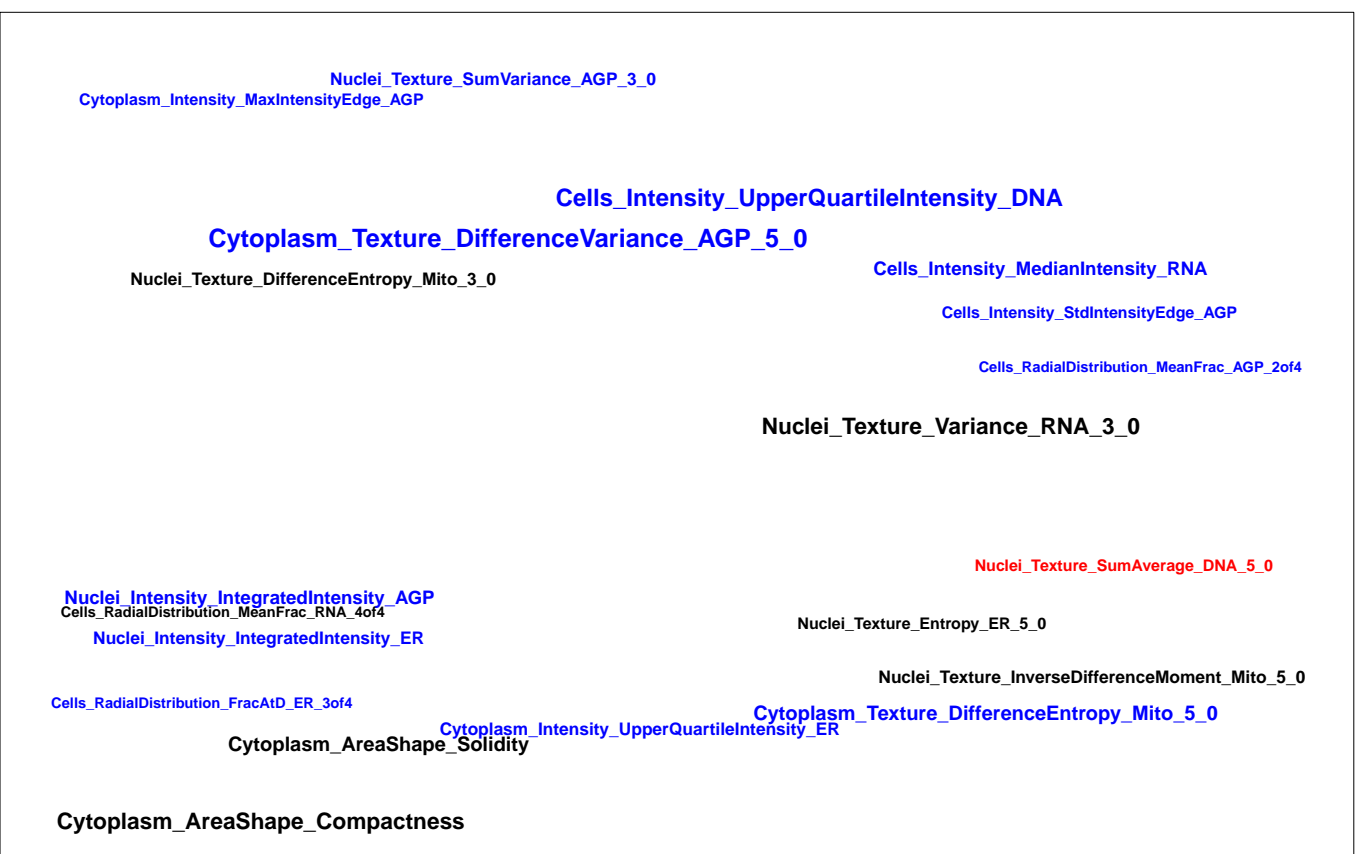
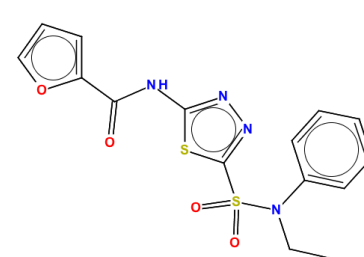
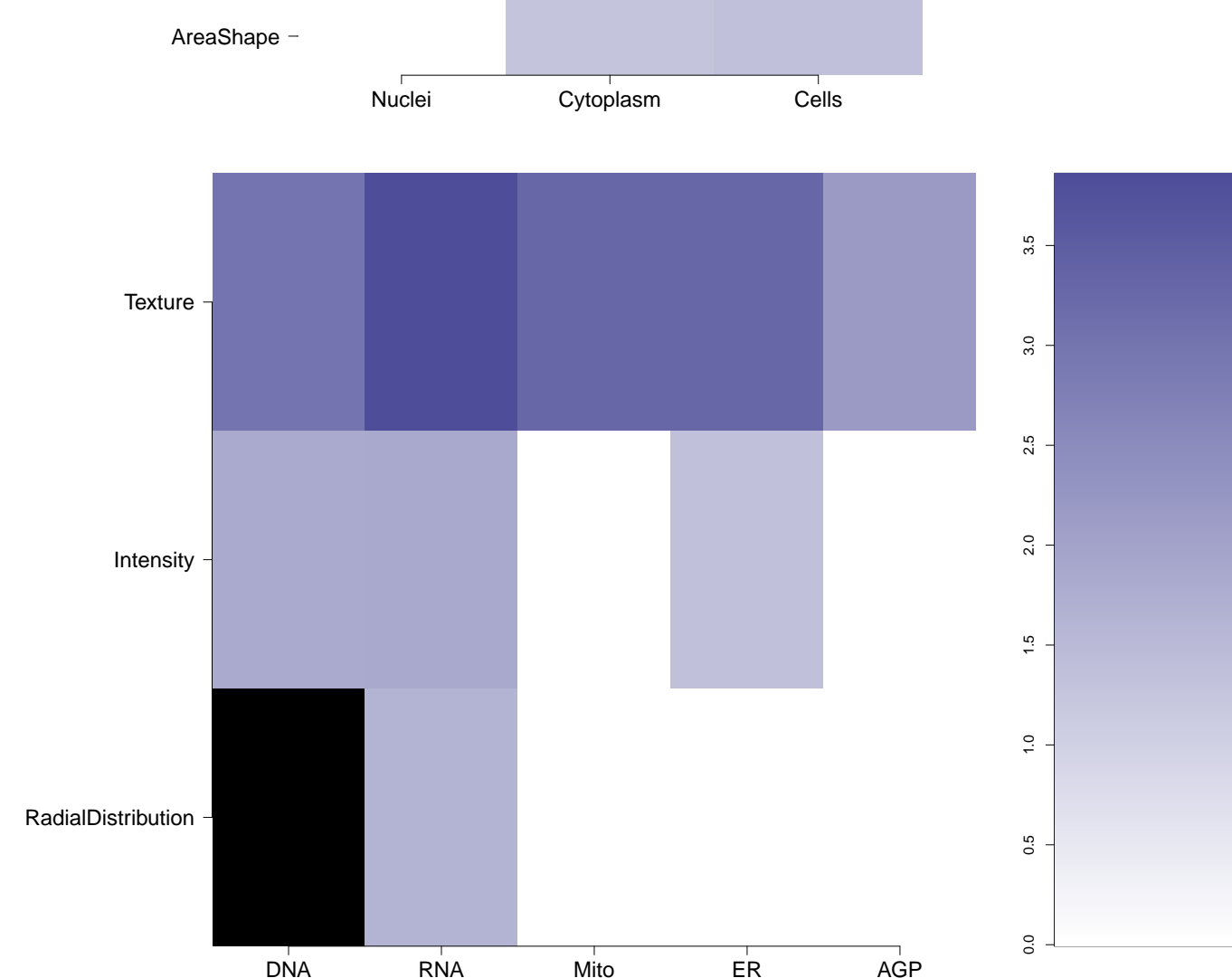
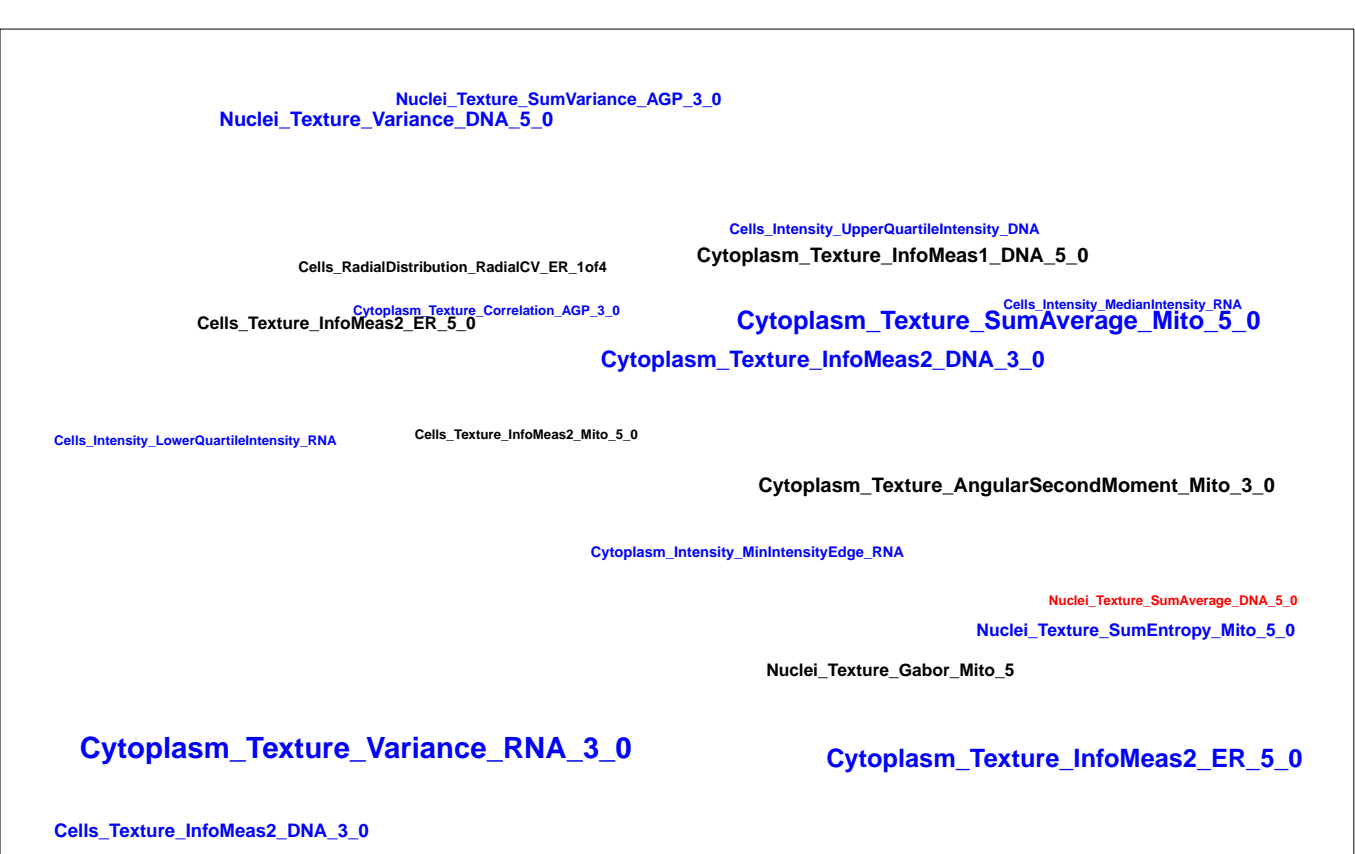
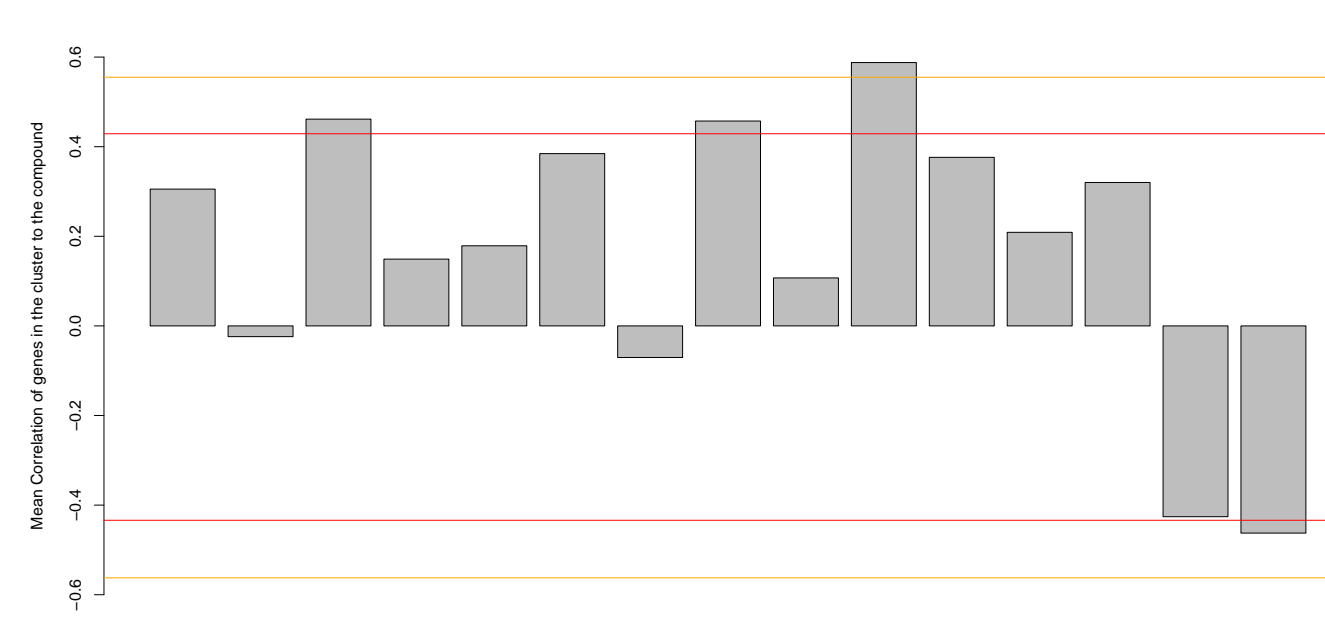
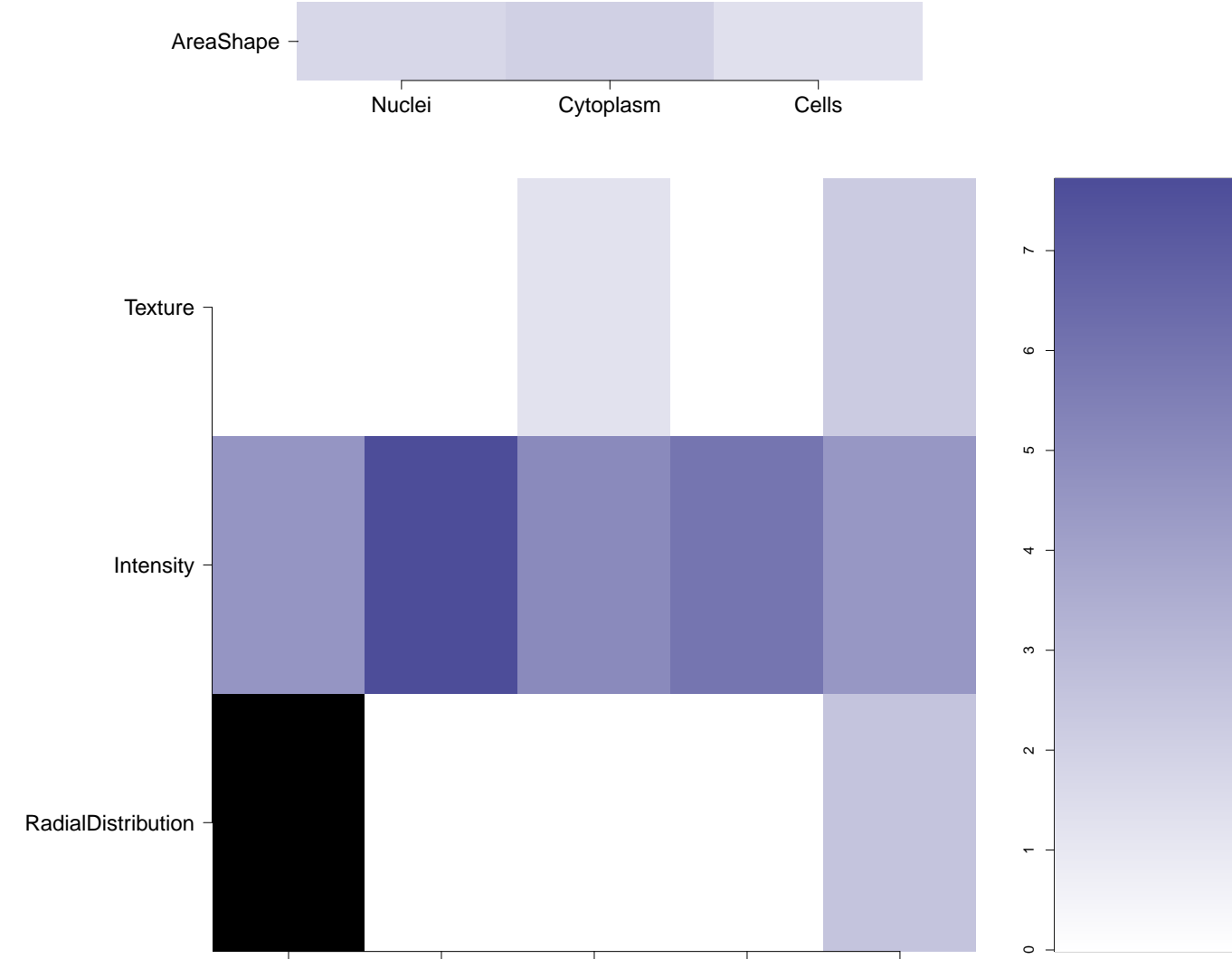
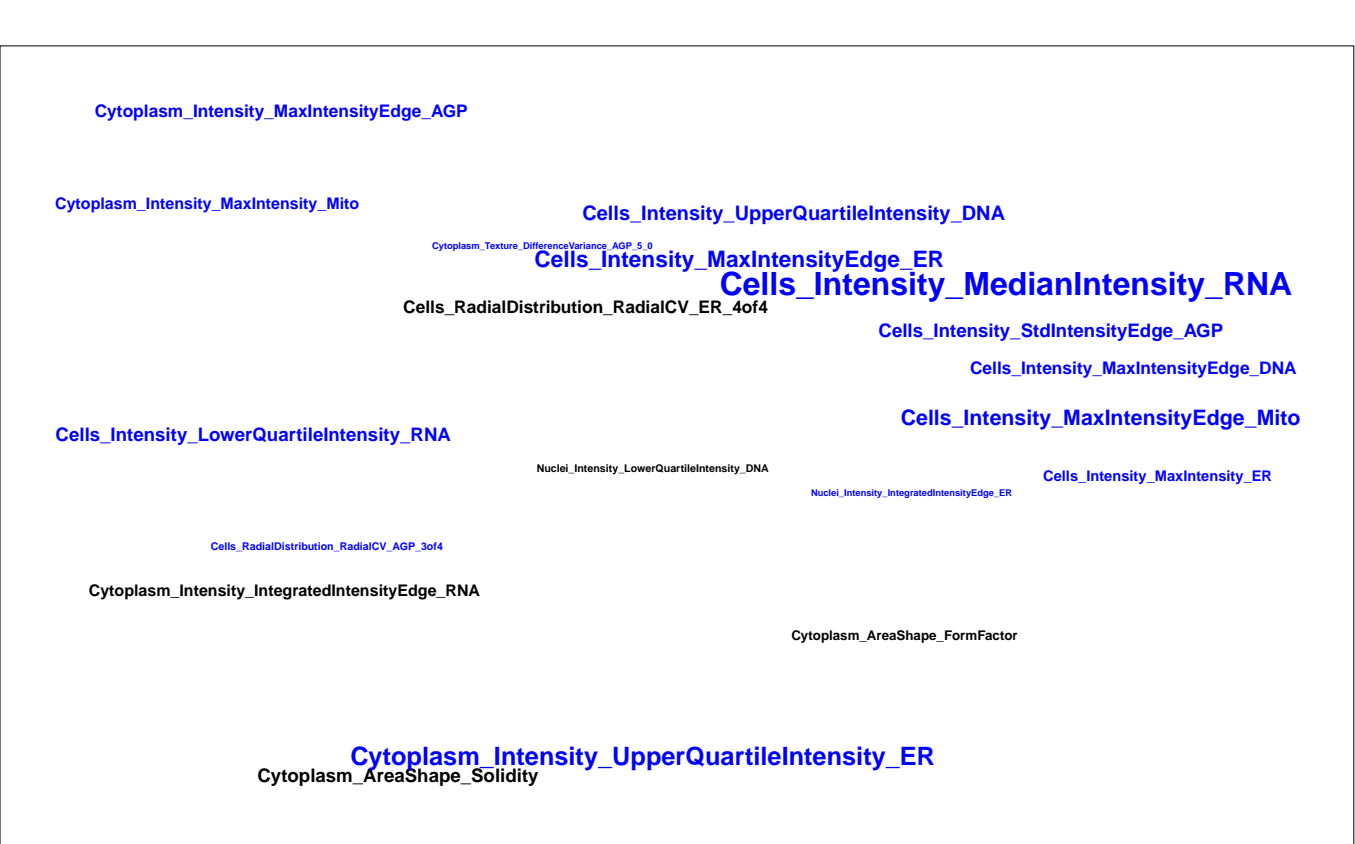
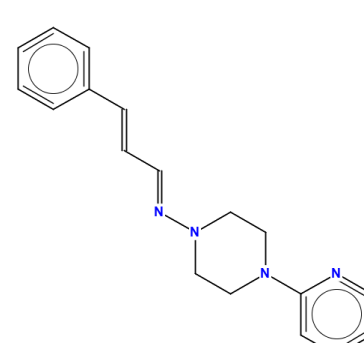
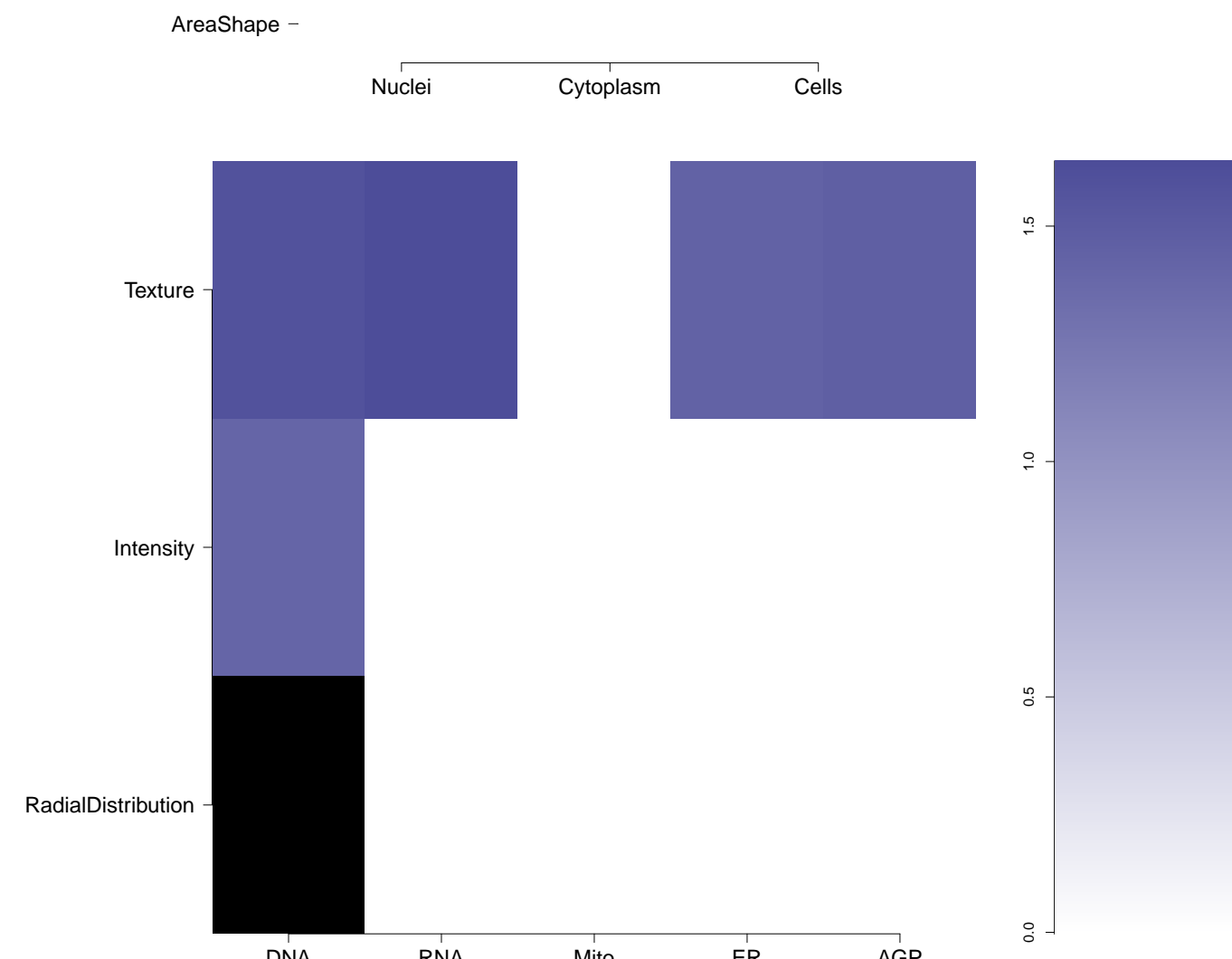
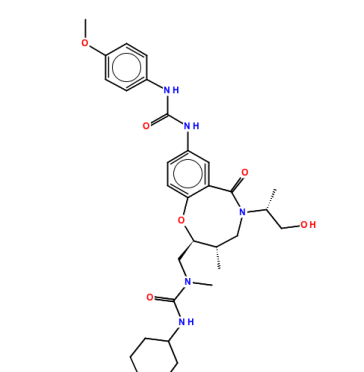
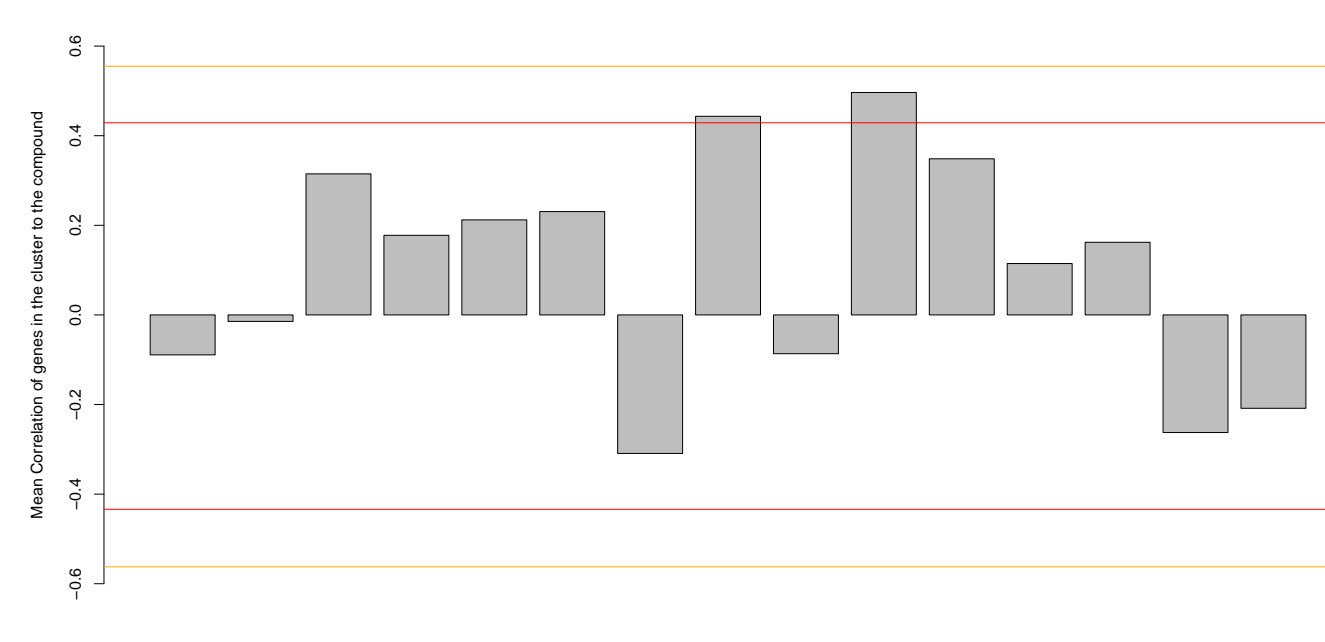
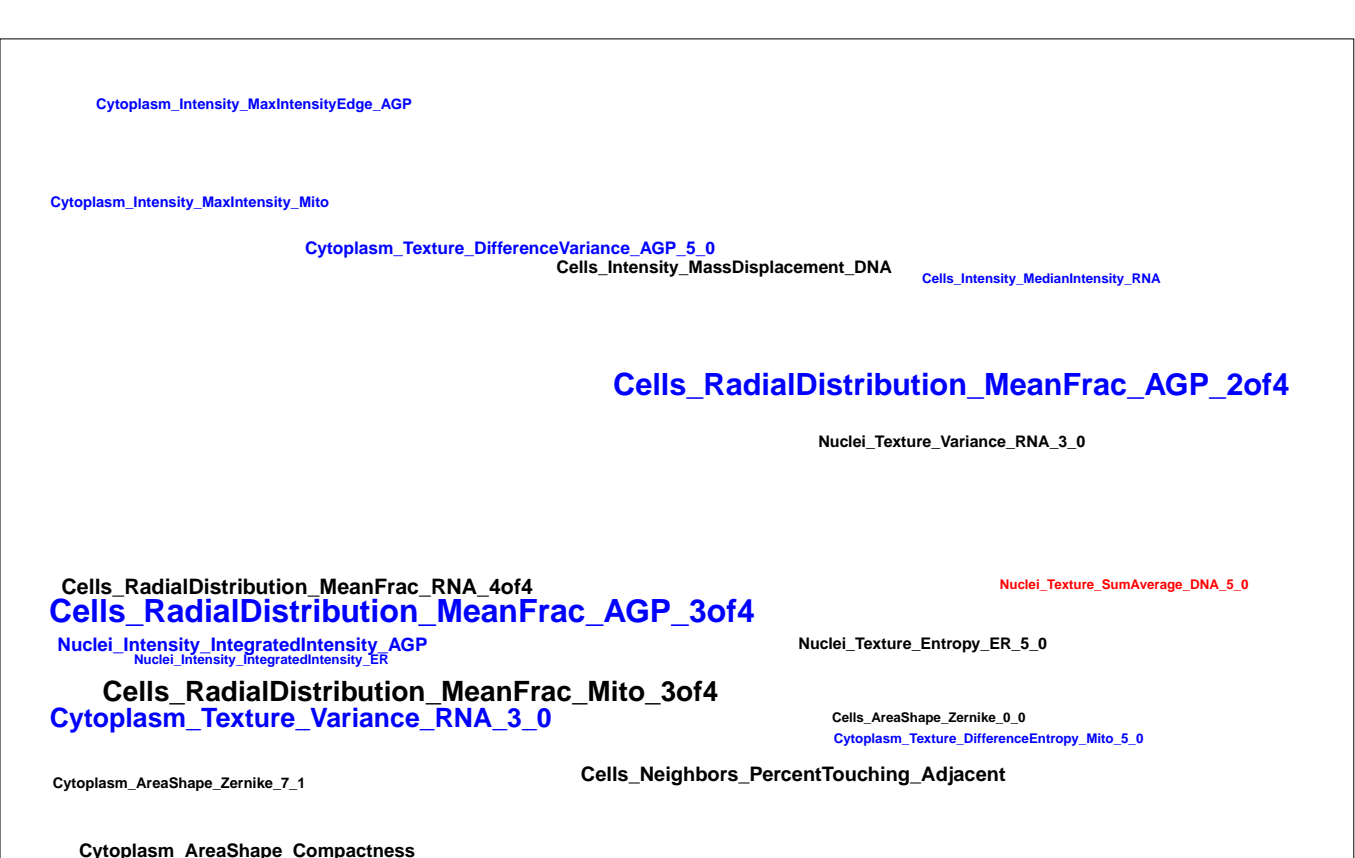
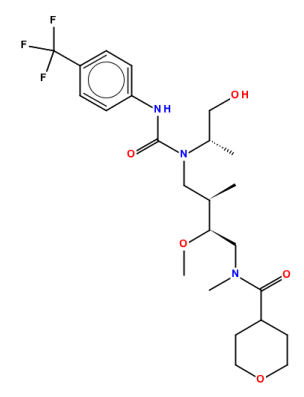
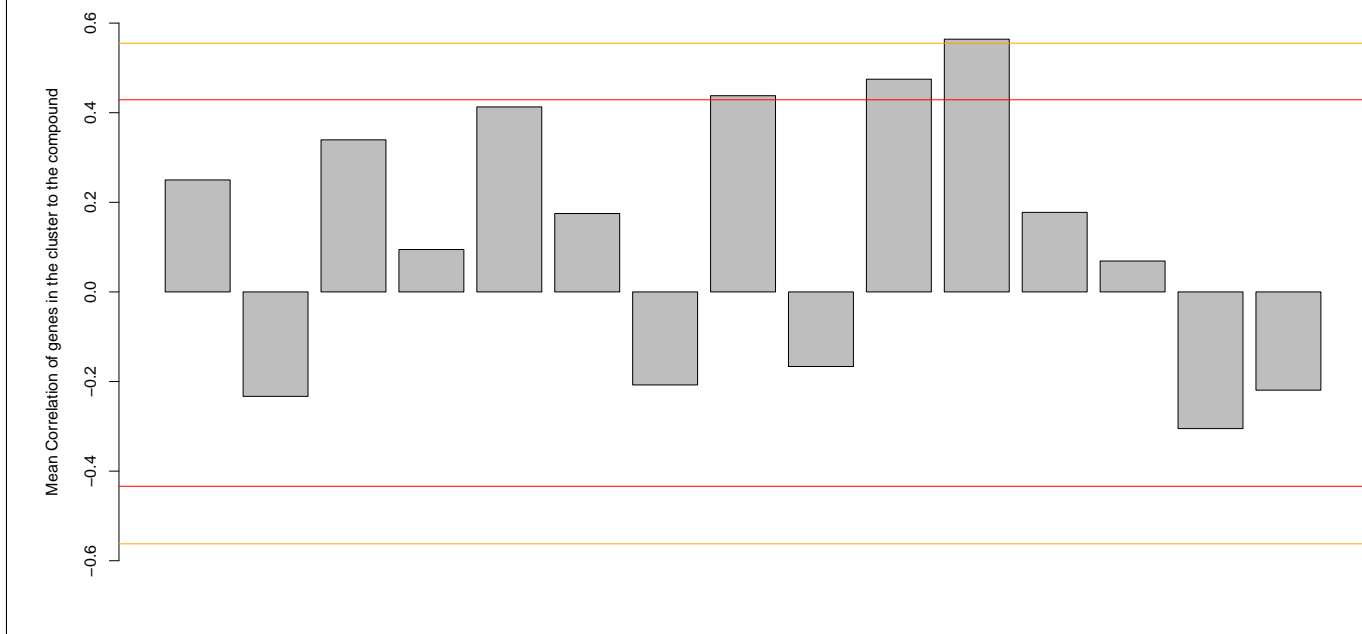
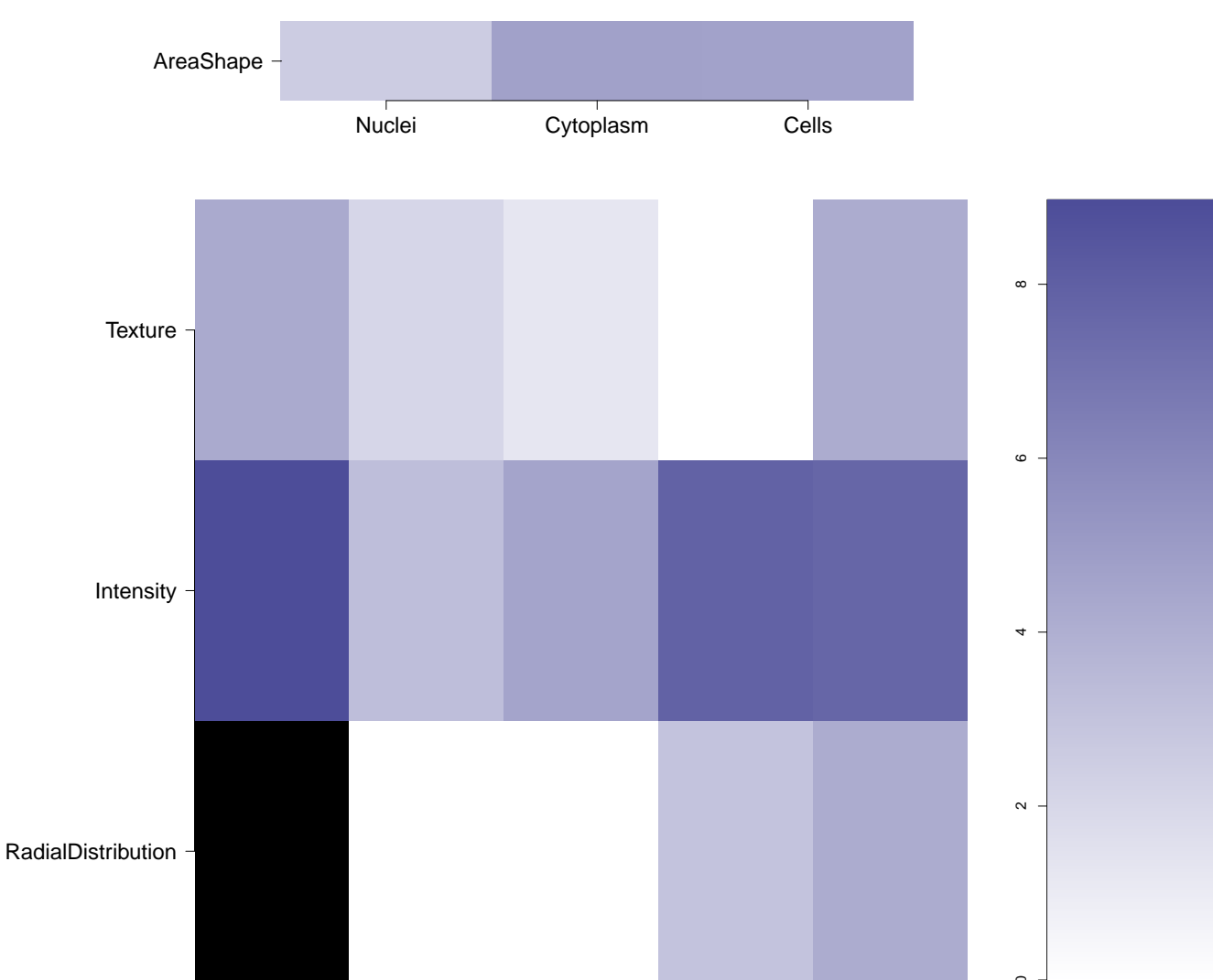
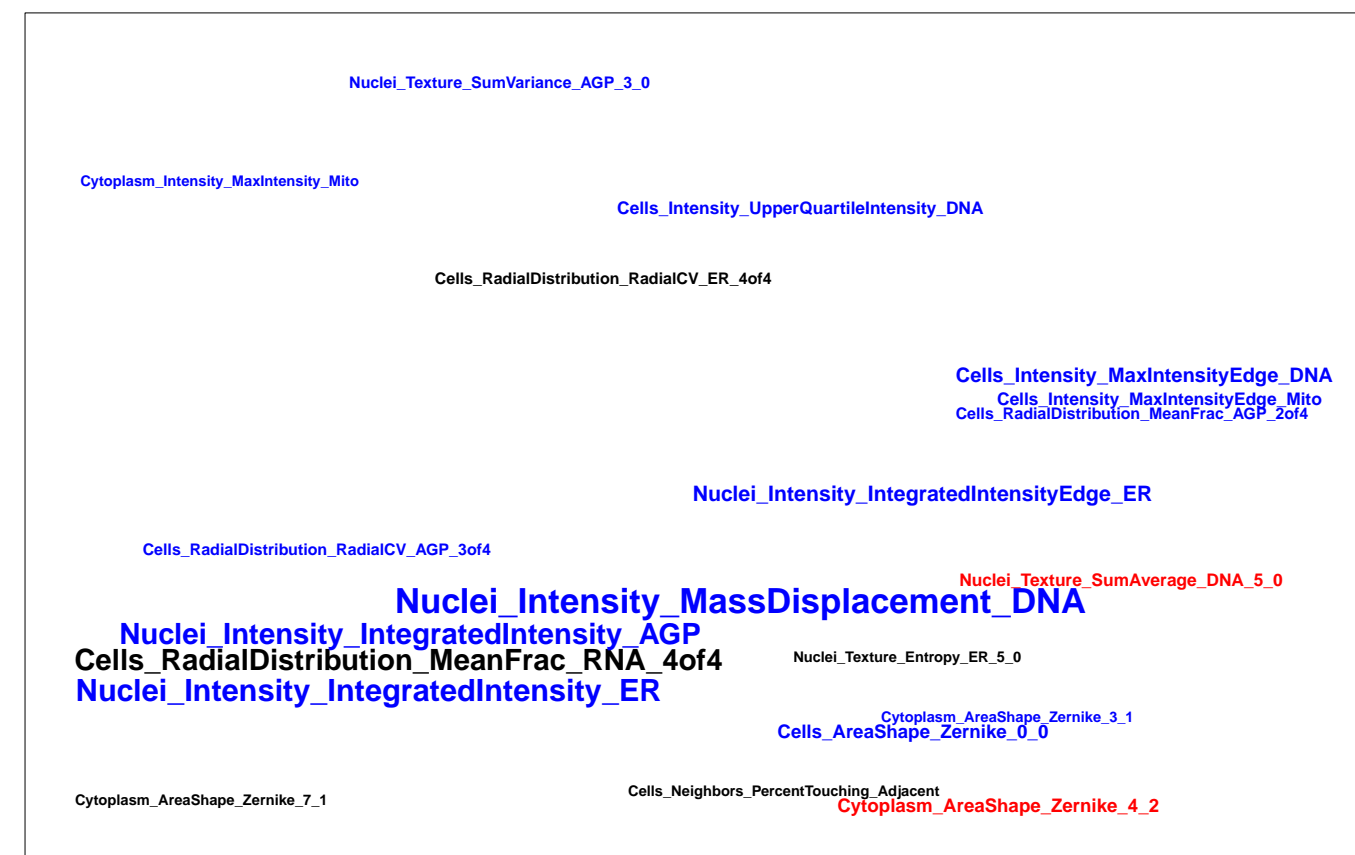
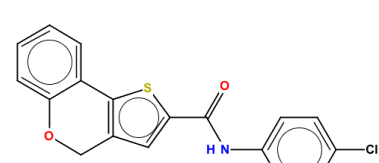
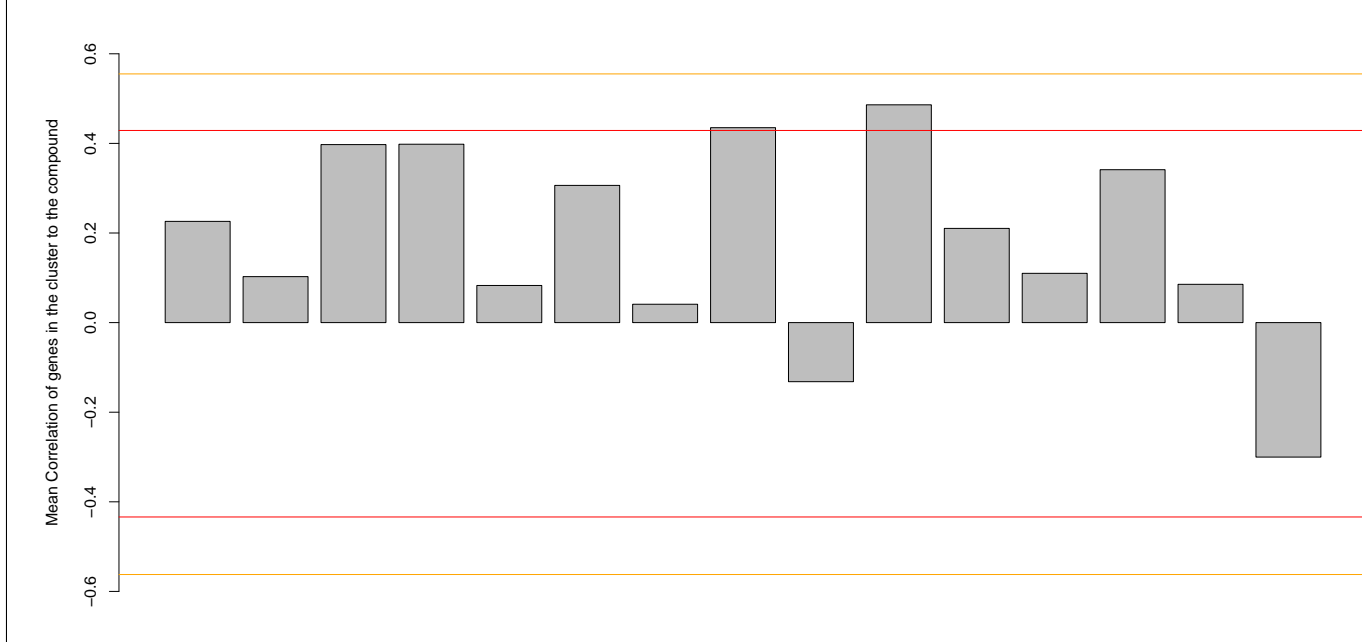
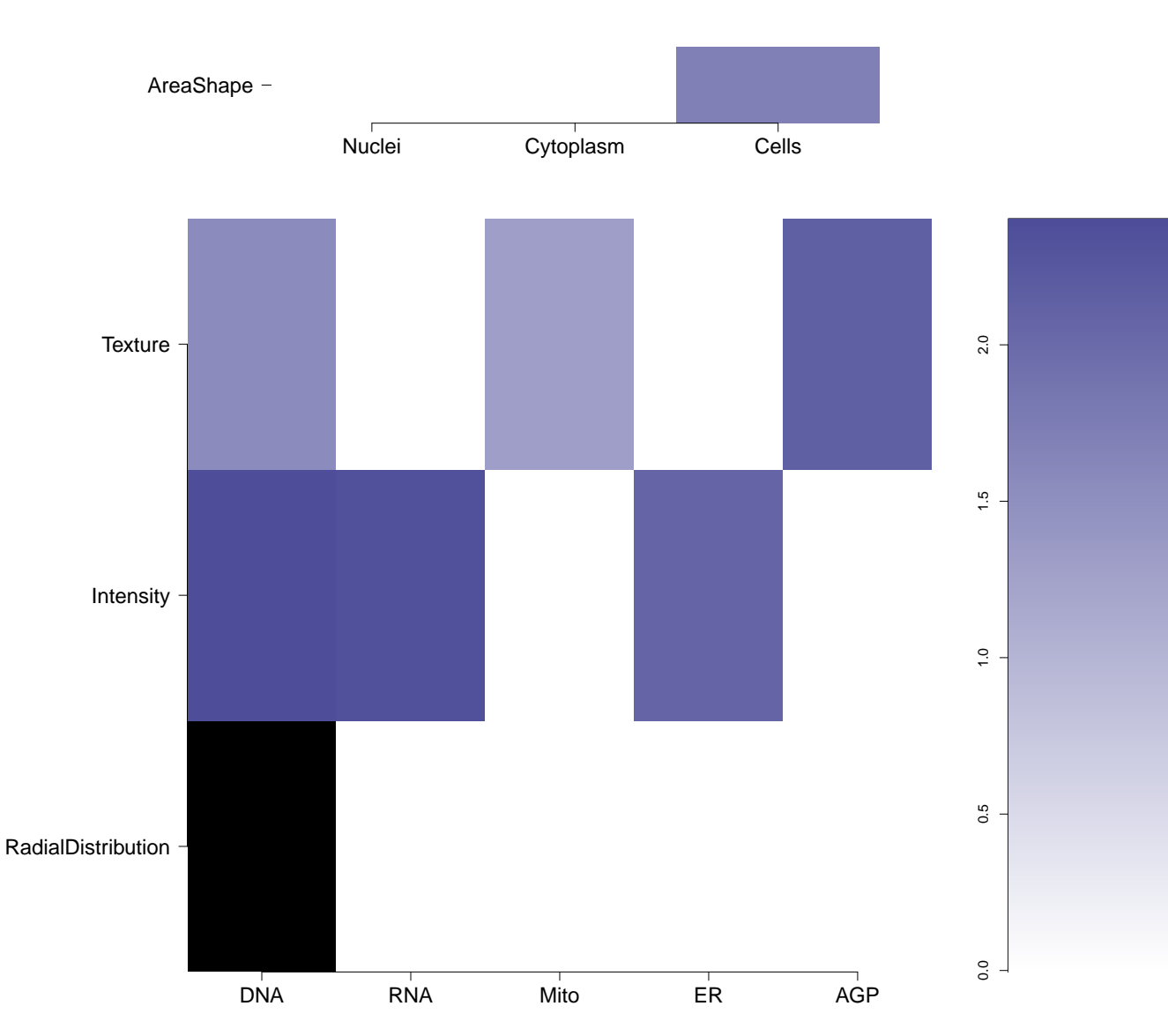
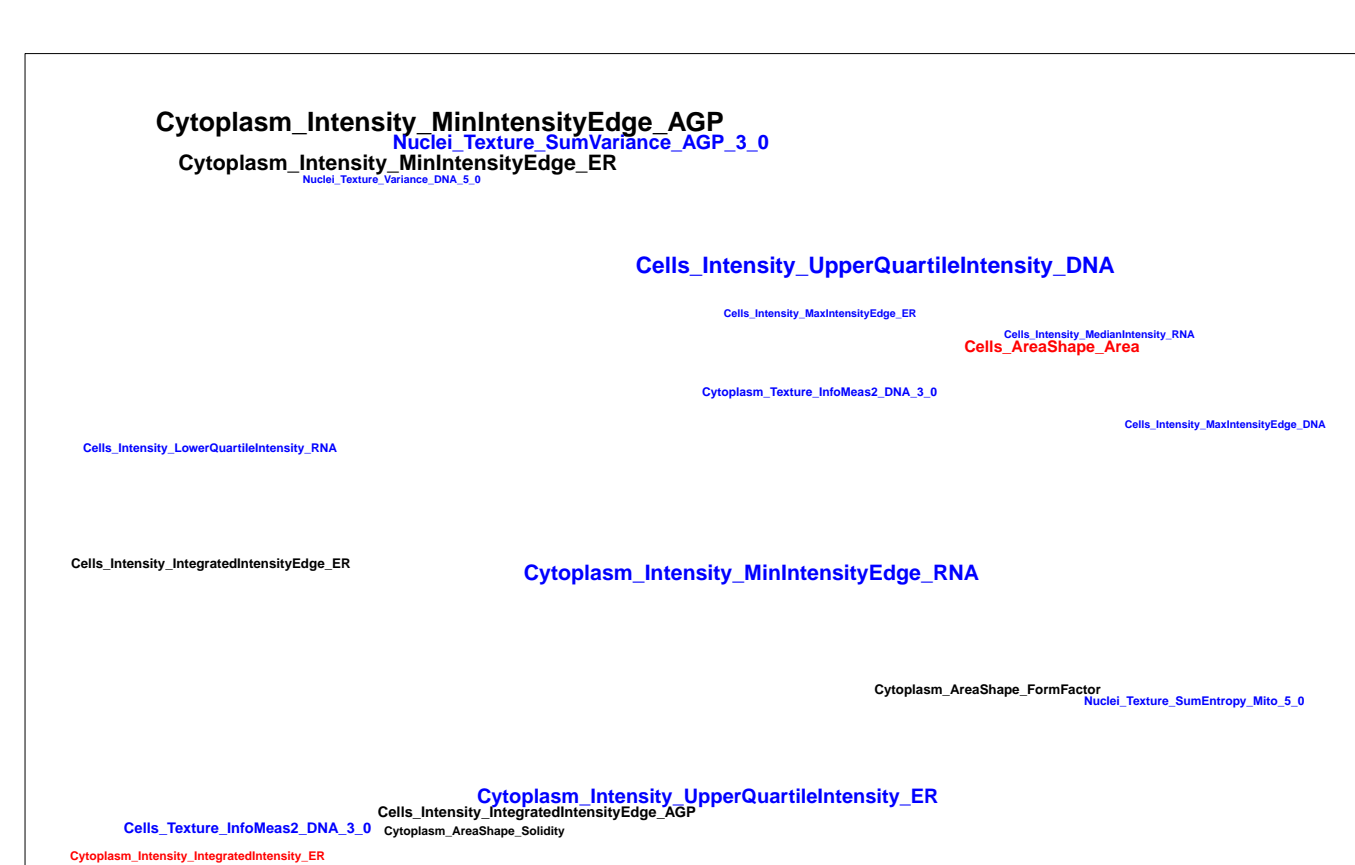
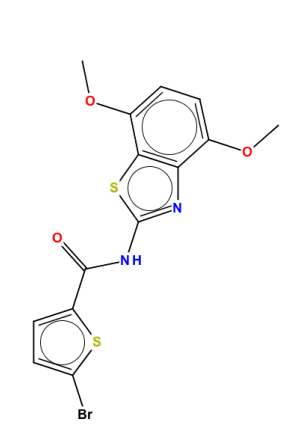
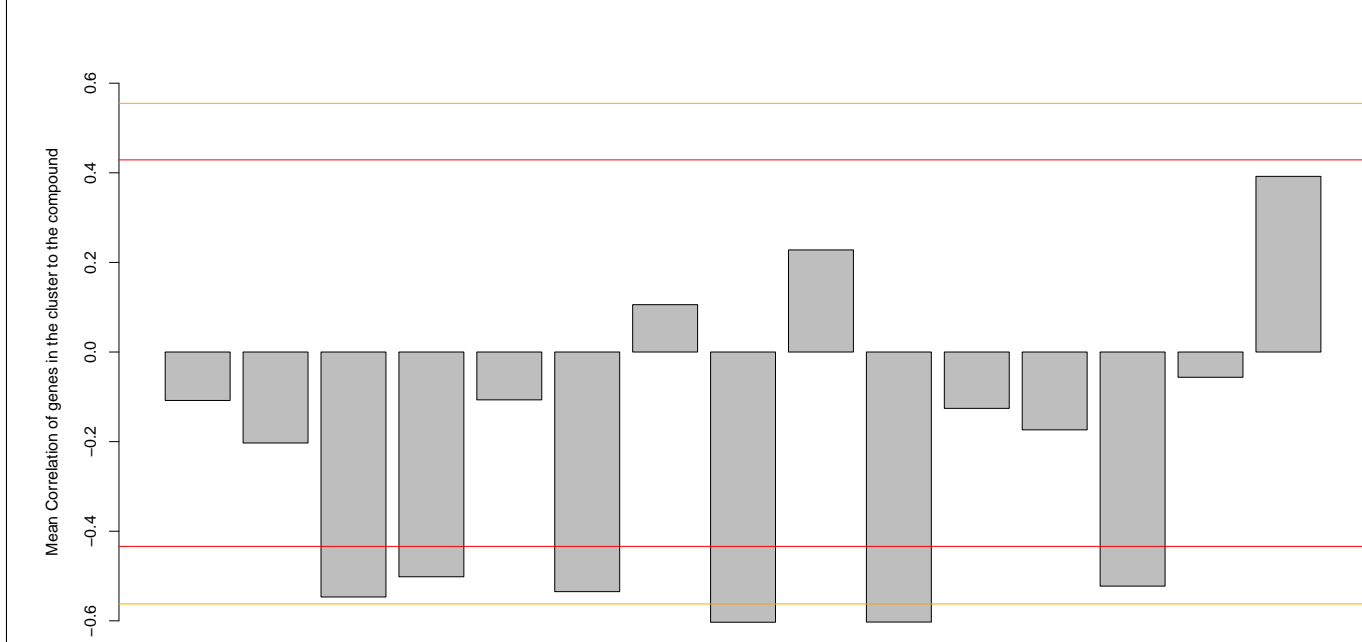
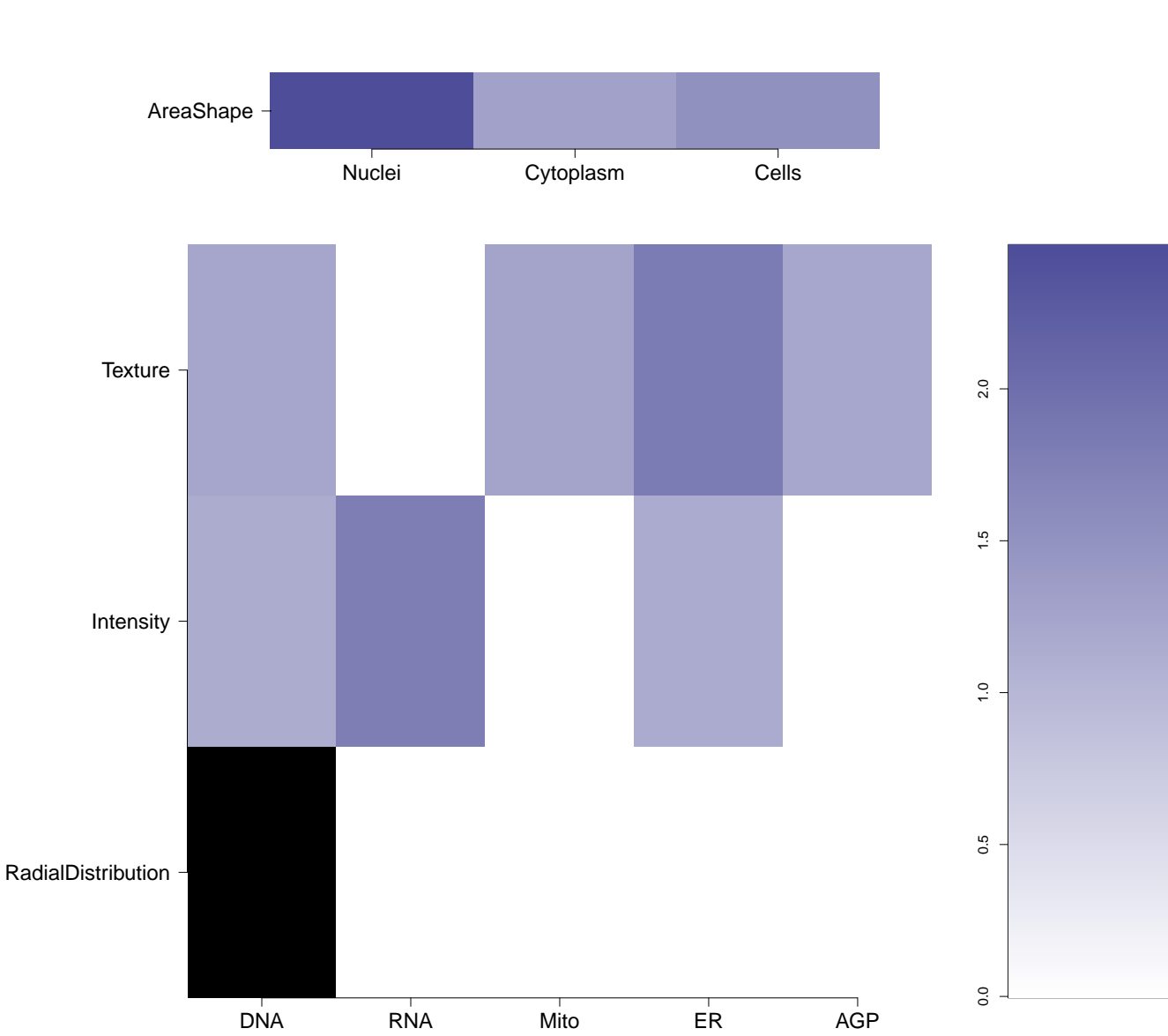
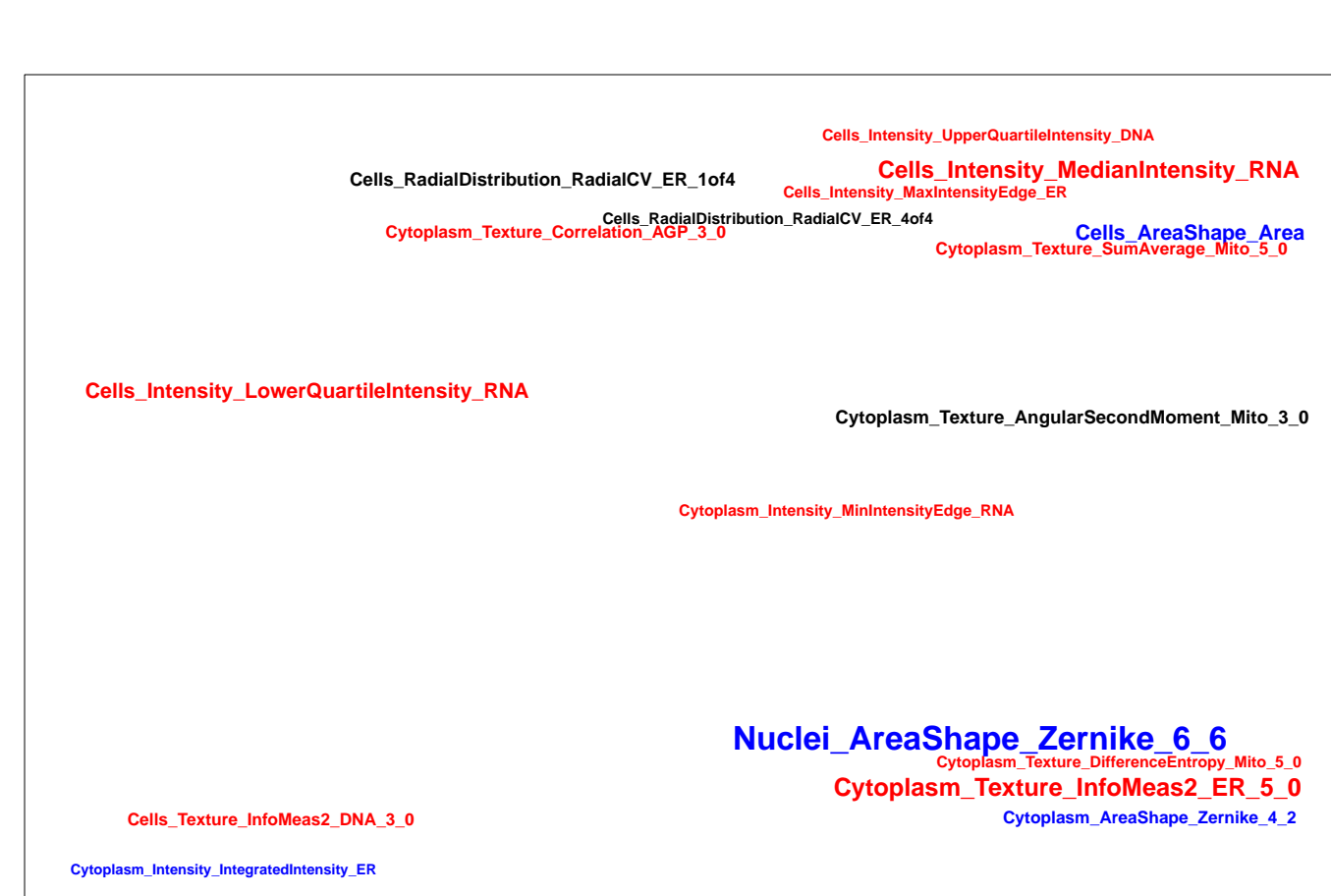
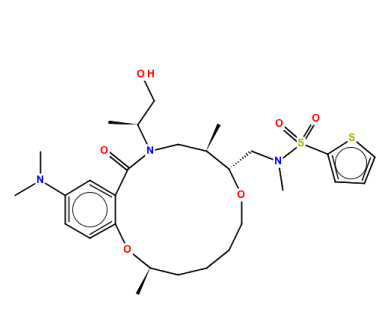
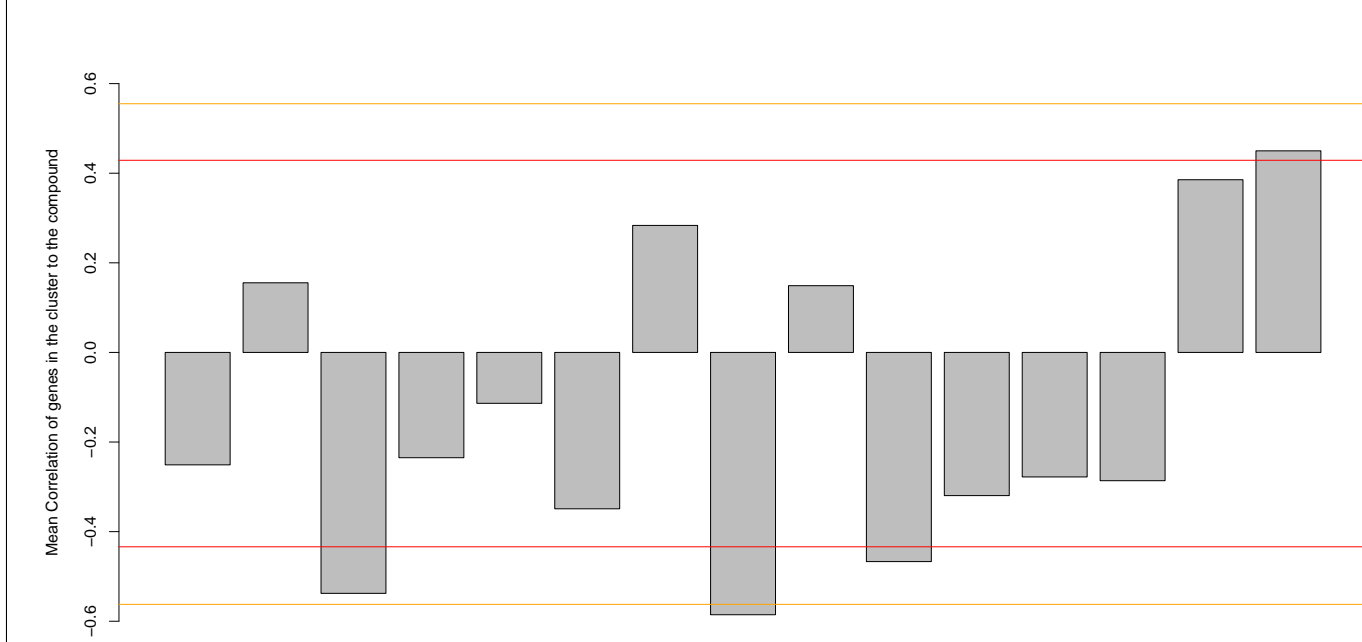
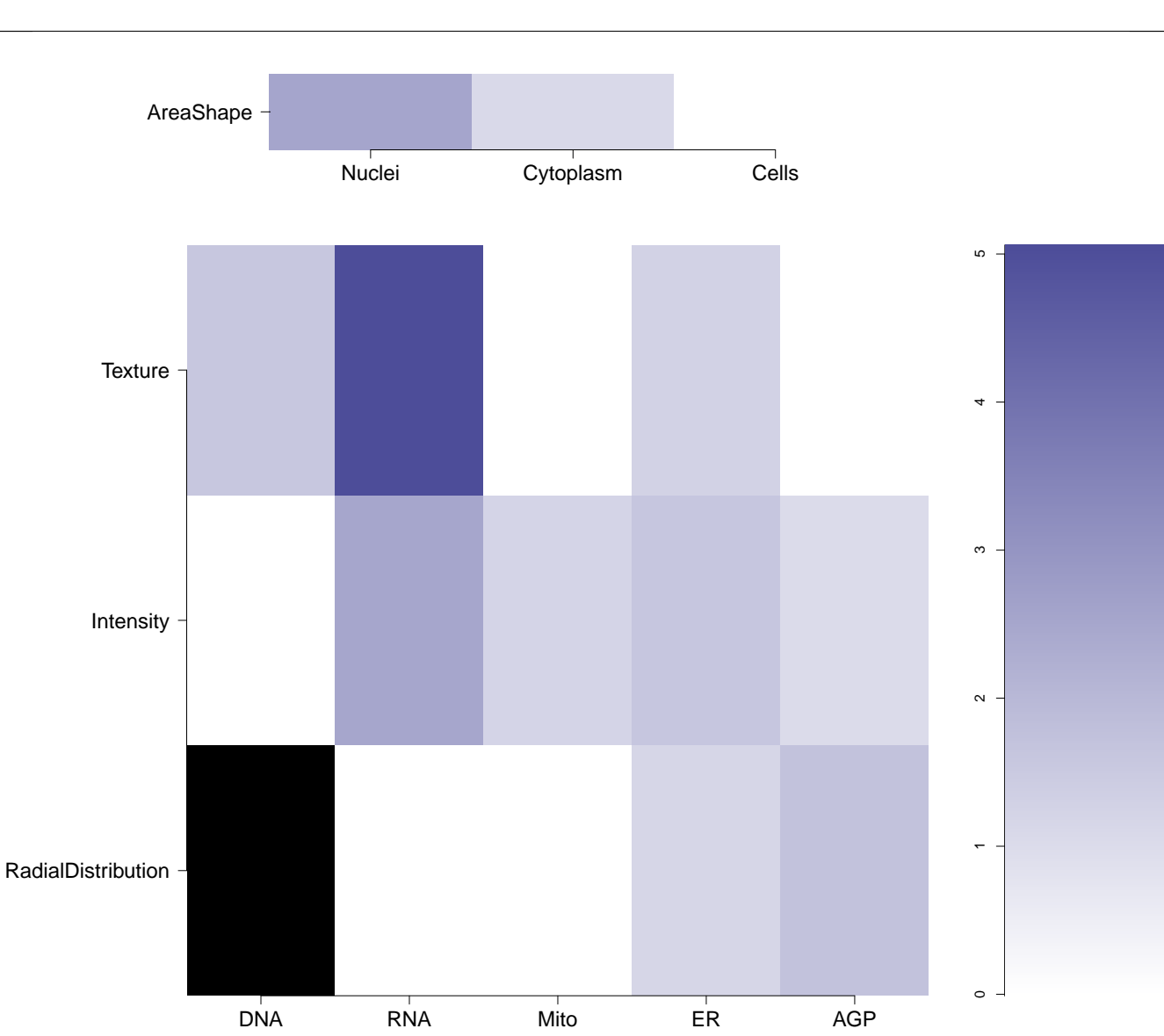
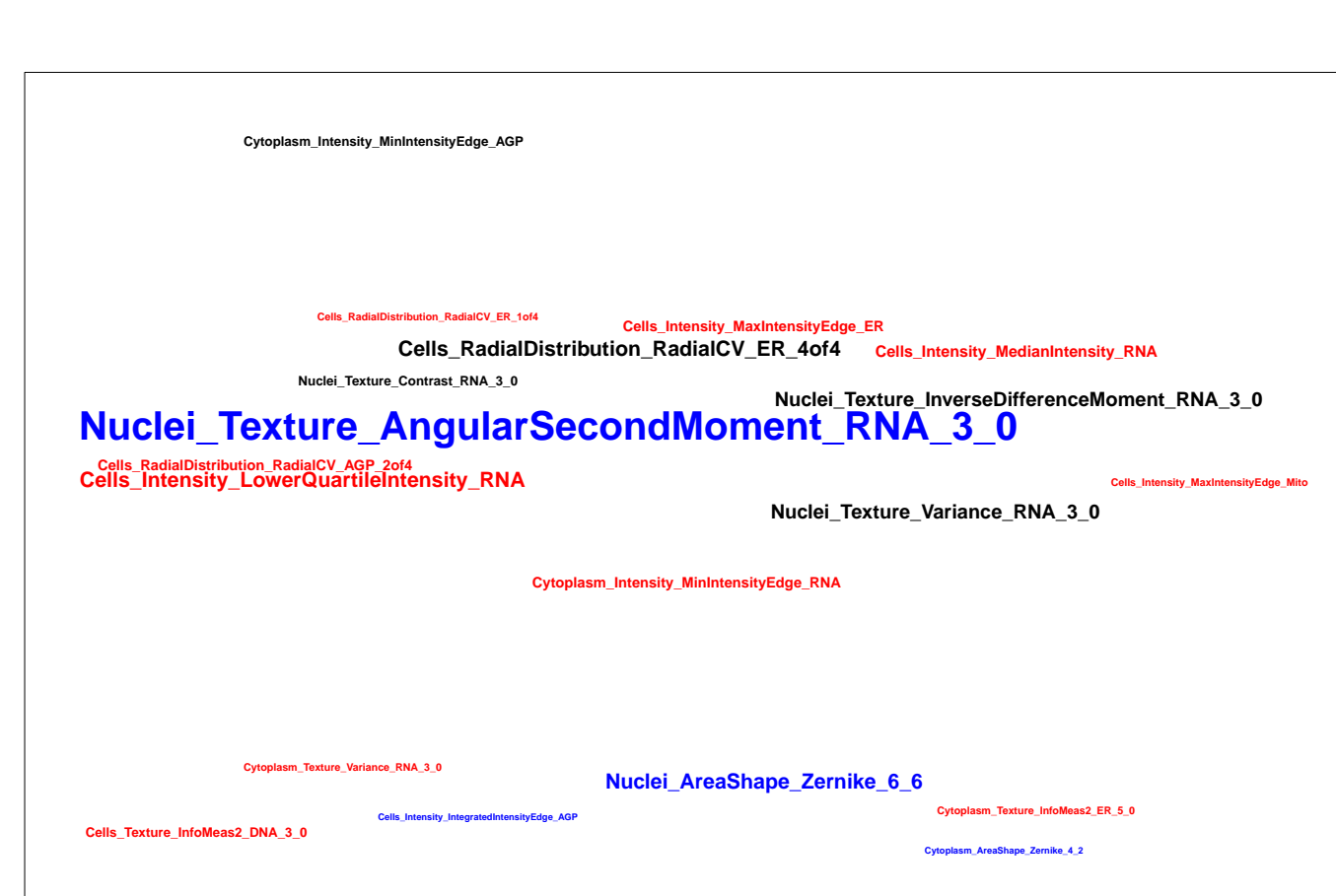
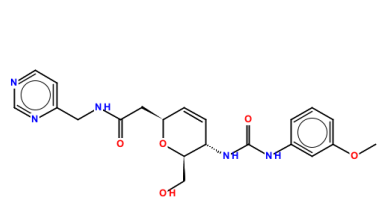
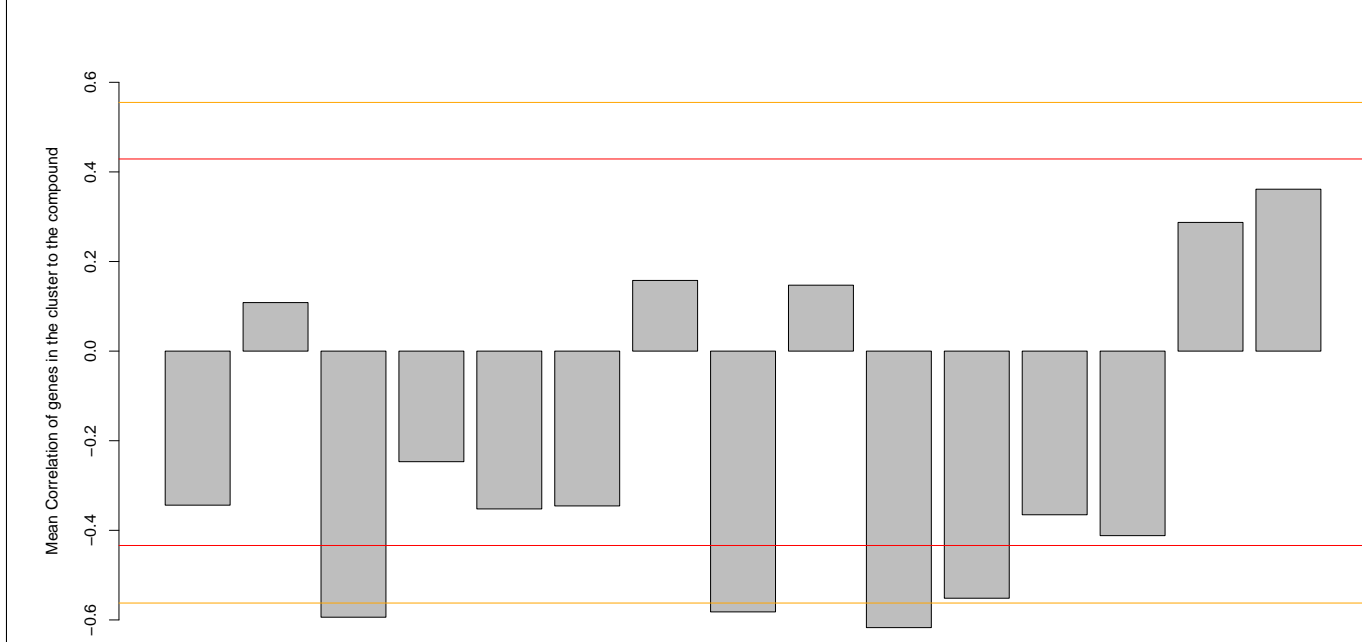
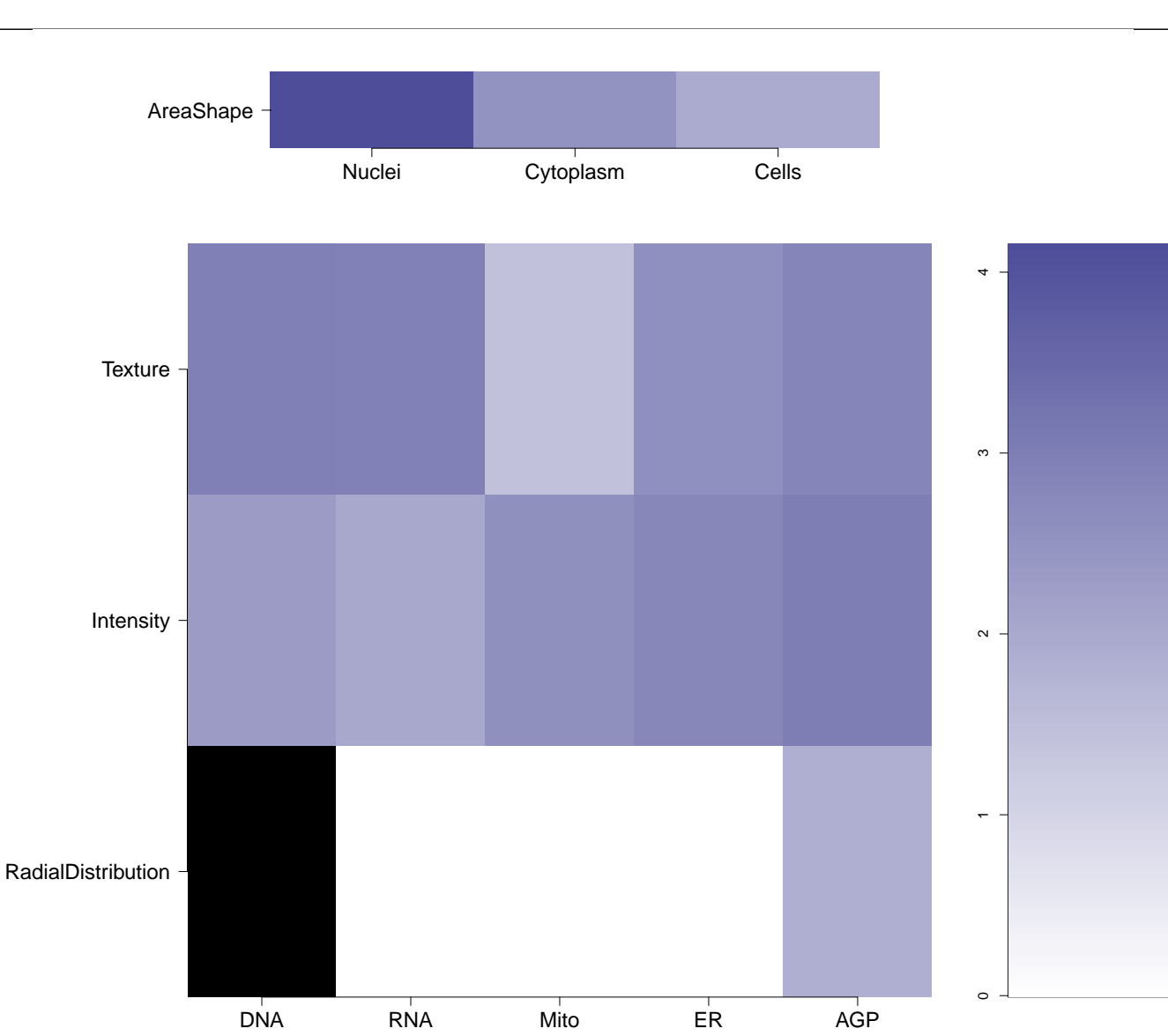
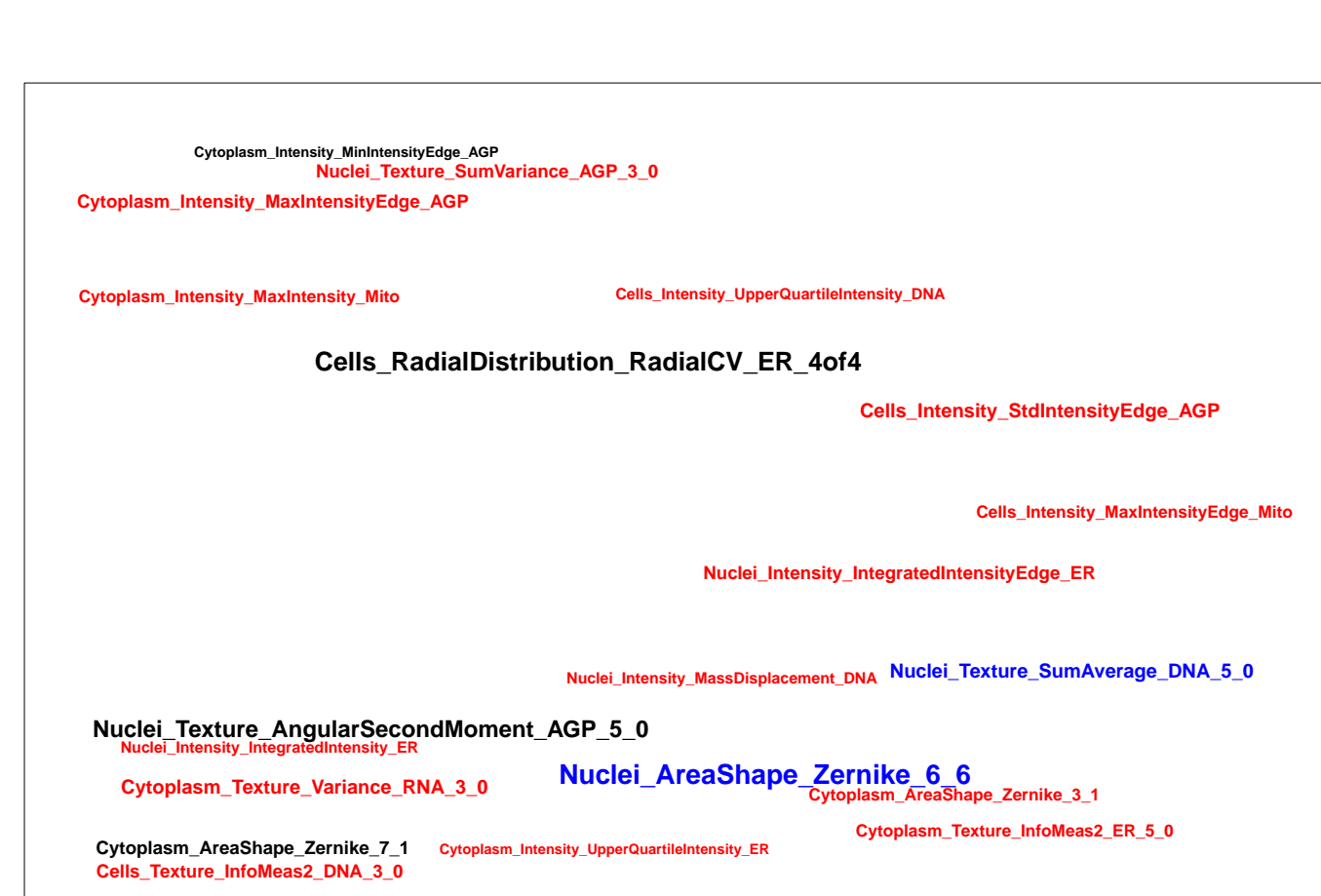
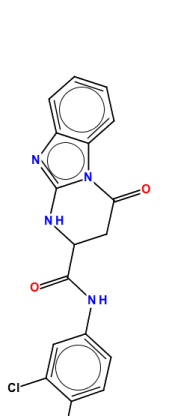
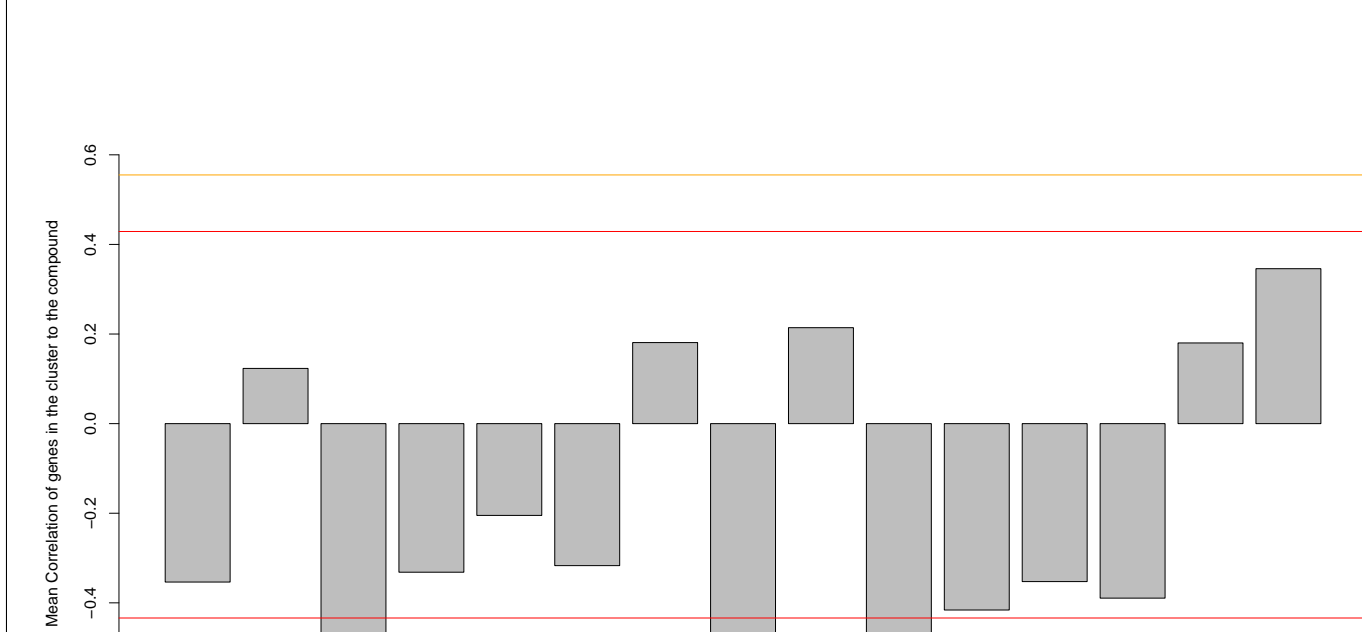
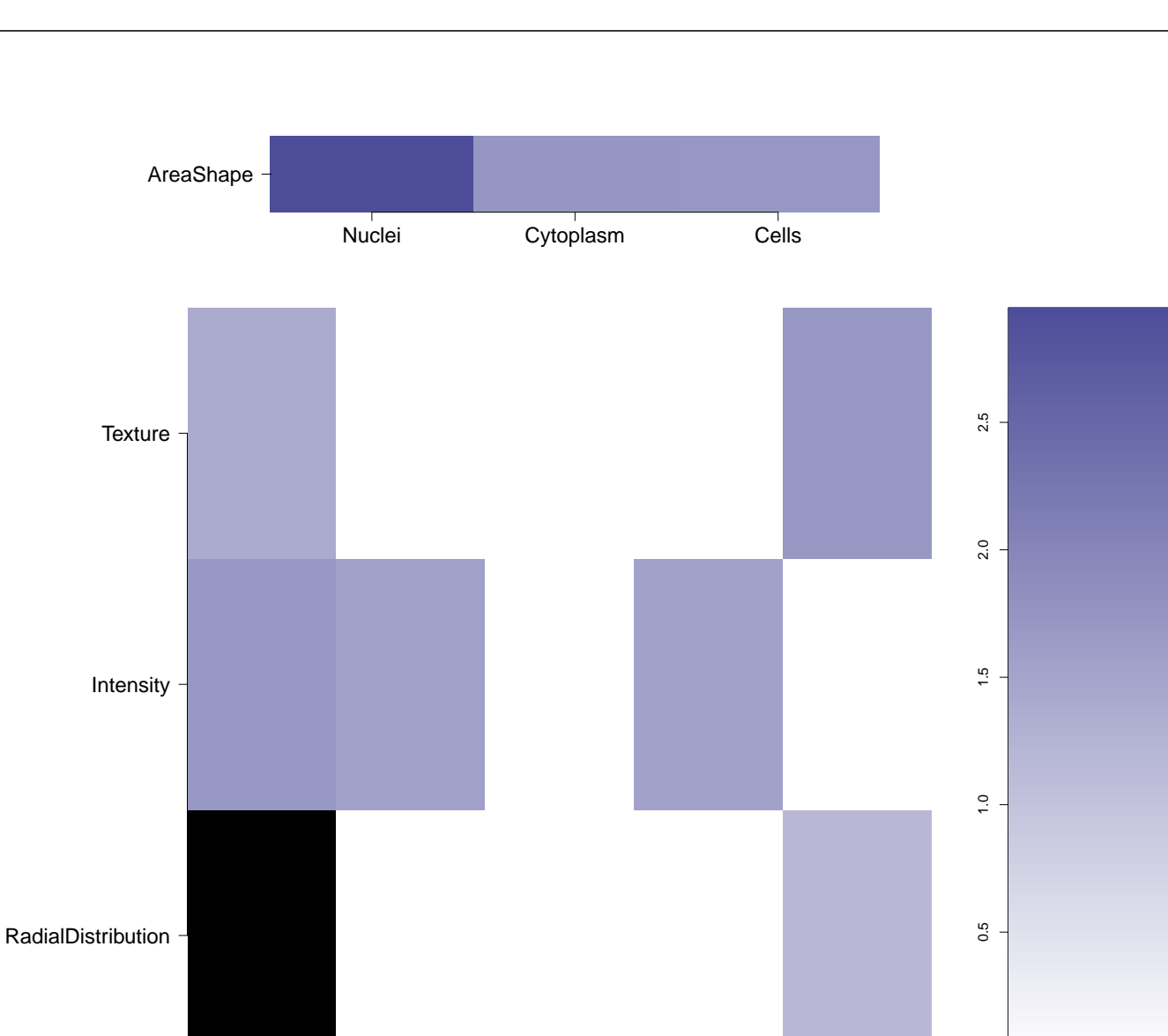
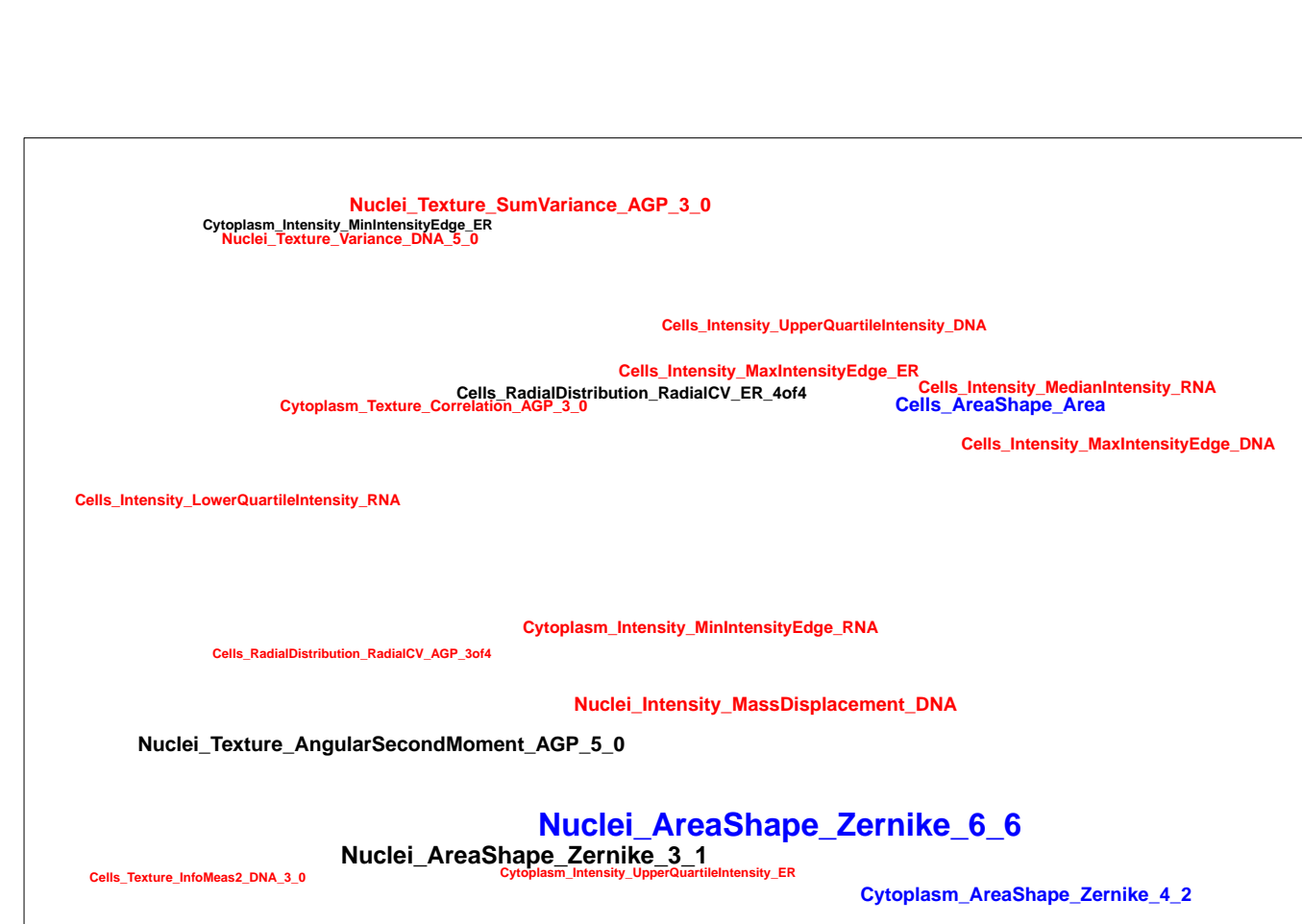
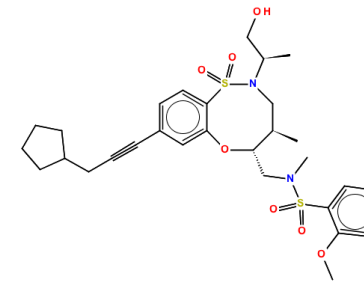


BRD-K92570288-001-01-7 PubChem CID : 54614939		0.91 (in 4 replicates)	<div><div>0.53 ± 0.17</div><table><tr><td>Treatment</td><td>Score</td></tr><tr><td>EXCL.WT</td><td>0.66</td></tr><tr><td>STK3.WT1</td><td>0.59</td></tr><tr><td>STK3.WT2</td><td>0.34</td></tr></table></div> <div><div>0.827 ± 0.133</div><table><tr><td>Treatment</td><td>Score</td></tr><tr><td>EXCL.WT</td><td>0.90</td></tr><tr><td>STK3.WT1</td><td>0.780</td></tr><tr><td>STK3.WT2</td><td>0.753</td></tr></table></div>	Treatment	Score	EXCL.WT	0.66	STK3.WT1	0.59	STK3.WT2	0.34	Treatment	Score	EXCL.WT	0.90	STK3.WT1	0.780	STK3.WT2	0.753				Total number of assays tested in: 19.
Treatment	Score																						
EXCL.WT	0.66																						
STK3.WT1	0.59																						
STK3.WT2	0.34																						
Treatment	Score																						
EXCL.WT	0.90																						
STK3.WT1	0.780																						
STK3.WT2	0.753																						
BRD-K62246028-001-05-6 T5321448 AC1M8FFC MLS000772051 HMS2744H14 ZINC12484090 SMR000376604 PubChem CID : 2485743		0.91 (in 2 replicates)	<div><div>0.50 ± 0.10</div><table><tr><td>Treatment</td><td>Score</td></tr><tr><td>EXCL.WT</td><td>0.47</td></tr><tr><td>STK3.WT1</td><td>0.45</td></tr><tr><td>STK3.WT2</td><td>0.02</td></tr></table></div> <div>NA</div>	Treatment	Score	EXCL.WT	0.47	STK3.WT1	0.45	STK3.WT2	0.02				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 Glycerophosphate Dehydrogenase-Thiophosphate Isomerase (GDH-TPI) full deck assay to identify assay artifacts (AID 588335)								
Treatment	Score																						
EXCL.WT	0.47																						
STK3.WT1	0.45																						
STK3.WT2	0.02																						
BRD-K86981519-001-01-5 PubChem CID : 44496872		0.90 (in 4 replicates)	<div><div>0.49 ± 0.12</div><table><tr><td>Treatment</td><td>Score</td></tr><tr><td>EXCL.WT</td><td>0.60</td></tr><tr><td>STK3.WT1</td><td>0.52</td></tr><tr><td>STK3.WT2</td><td>0.36</td></tr></table></div> <div>0.768 ± 0.034</div>	Treatment	Score	EXCL.WT	0.60	STK3.WT1	0.52	STK3.WT2	0.36				Total number of assays tested in: 29.								
Treatment	Score																						
EXCL.WT	0.60																						
STK3.WT1	0.52																						
STK3.WT2	0.36																						
BRD-K19608696-001-04-5 MLS001121487 HMS1859H04 HMS2253I17 ZINC6818267 ZINC06818267 SMR000626594 E157-5383 PubChem CID : 16017323		NA (in 1 replicates)	<div><div>0.47 ± 0.14</div><table><tr><td>Treatment</td><td>Score</td></tr><tr><td>EXCL.WT</td><td>0.37</td></tr><tr><td>STK3.WT1</td><td>0.42</td></tr><tr><td>STK3.WT2</td><td>0.03</td></tr></table></div> <div>NA</div>	Treatment	Score	EXCL.WT	0.37	STK3.WT1	0.42	STK3.WT2	0.03				Total number of assays tested in: 508. Active in the following assays: <ul style="list-style-type: none">qHTS Screen for Compounds that Selectively Target Cancer Cells with p53 Mutations: Cytotoxicity of p53s Null Cells at the Nonpermissive Temperature (AID 902)qHTS Screen for Compounds that Selectively Target Cancer Cells with p53 Mutations: Cytotoxicity of p53 Null Cells at the Nonpermissive Temperature (AID 904)A screen for compounds that inhibit cell wall-associated teichoic acid synthesis in Staphylococcus aureus (AID 463173)qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxiredoxins (AID 485364)qHTS profiling assay for firefly luciferase inhibitor/activator using purified enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342)Absorbance-based biochemical primary high-throughput screening assay to identify inhibitors of Methionine sulfoxide reductase A (MsrA) (AID 651718)Absorbance-based biochemical high-throughput confirmation assay to identify inhibitors of Methionine sulfoxide reductase A (MsrA) (AID 651822)								
Treatment	Score																						
EXCL.WT	0.37																						
STK3.WT1	0.42																						
STK3.WT2	0.03																						
BRD-K29290722-001-01-4 PubChem CID : 54618609		0.66 (in 4 replicates)	<div><div>0.46 ± 0.16</div><table><tr><td>Treatment</td><td>Score</td></tr><tr><td>EXCL.WT</td><td>0.56</td></tr><tr><td>STK3.WT1</td><td>0.54</td></tr><tr><td>STK3.WT2</td><td>0.27</td></tr></table></div> <div>0.587 ± 0.286</div>	Treatment	Score	EXCL.WT	0.56	STK3.WT1	0.54	STK3.WT2	0.27				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																						
EXCL.WT	0.56																						
STK3.WT1	0.54																						
STK3.WT2	0.27																						
BRD-K31945831-001-05-8 AC1OAMZW SMR000187177 MLS000577792 STL361976 ZINC15974401 STO41256 PubChem CID : 6861869		0.68 (in 2 replicates)	<div><div>0.46 ± 0.19</div><table><tr><td>Treatment</td><td>Score</td></tr><tr><td>EXCL.WT</td><td>0.40</td></tr><tr><td>STK3.WT1</td><td>0.40</td></tr><tr><td>STK3.WT2</td><td>0.07</td></tr></table></div> <div>NA</div>	Treatment	Score	EXCL.WT	0.40	STK3.WT1	0.40	STK3.WT2	0.07				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 (SEN6) (AID 2599)uHTS Luminescent assay for identification of inhibitors of Sentrin-specific protease 7 (SEN7) (AID 454573)Single concentration confirmation of uHTS for inhibitors of Sentrin-specific protease 6 (SEN6) 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																						
EXCL.WT	0.40																						
STK3.WT1	0.40																						
STK3.WT2	0.07																						
BRD-K82157325-001-02-8 MLS002474370 SMR001398531 PubChem CID : 44202021		0.93 (in 3 replicates)	<div><div>0.44 ± 0.03</div><table><tr><td>Treatment</td><td>Score</td></tr><tr><td>EXCL.WT</td><td>0.47</td></tr><tr><td>STK3.WT1</td><td>0.43</td></tr><tr><td>STK3.WT2</td><td>0.48</td></tr></table></div> <div>0.750 ± 0.150</div>	Treatment	Score	EXCL.WT	0.47	STK3.WT1	0.43	STK3.WT2	0.48				Total number of assays tested in: 372. Active in the following assays: <ul style="list-style-type: none">HTS for Identification of VLA-4 Allosteric Modulators from MLPCN library (AID 2557)uHTS Luminescent assay for identification of activators of mouse intestinal alkaline phosphatase (AID 2805)DENV2 CPE-Based HTS Measured in Cell-Based and Microorganism Combination System Using Plate Reader - 2149-01.Other.SinglePoint.HTS.Activity (AID 651640)								
Treatment	Score																						
EXCL.WT	0.47																						
STK3.WT1	0.43																						
STK3.WT2	0.48																						

BRD-K76931353-001-01-1 PubChem CID : 54649228		0.62 (in 2 replicates)	<div>0.44 ± 0.02</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCLWT</td><td>-0.46</td></tr><tr><td>STK3.WT1</td><td>-0.42</td></tr><tr><td>STK3.WT2</td><td>-0.43</td></tr></table>	Treatment	Score	CXCLWT	-0.46	STK3.WT1	-0.42	STK3.WT2	-0.43	<div>0.510 ± 0.418</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCLWT</td><td>0.028</td></tr><tr><td>STK3.WT1</td><td>0.380</td></tr><tr><td>STK3.WT2</td><td>0.750</td></tr></table>	Treatment	Score	CXCLWT	0.028	STK3.WT1	0.380	STK3.WT2	0.750				Total number of assays tested in: 38.
Treatment	Score																							
CXCLWT	-0.46																							
STK3.WT1	-0.42																							
STK3.WT2	-0.43																							
Treatment	Score																							
CXCLWT	0.028																							
STK3.WT1	0.380																							
STK3.WT2	0.750																							
BRD-K23940360-001-05-8 MLS000731532 HMS2744D15 ZINC5050928 CCG-136395 SMR000309807 PubChem CID : 16195347		0.60 (in 2 replicates)	<div>0.44 ± 0.01</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCLWT</td><td>0.41</td></tr><tr><td>STK3.WT1</td><td>-0.45</td></tr><tr><td>STK3.WT2</td><td>-0.42</td></tr></table>	Treatment	Score	CXCLWT	0.41	STK3.WT1	-0.45	STK3.WT2	-0.42	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)• nHTS 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)• nHTS identification of SKN-1 Inhibitors in 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																							
CXCLWT	0.41																							
STK3.WT1	-0.45																							
STK3.WT2	-0.42																							
BRD-K07726175-001-06-4 MLS000101513 SMR00017682 F0600-1566 ZINC02723956 AC1M1ZD5 MLS002152803 BDBM39509 HMS2244B03 ZINC2723956 PubChem CID : 2159329		NA (in 1 replicates)	<div>-0.60 ± 0.02</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCLWT</td><td>-0.58</td></tr><tr><td>STK3.WT1</td><td>-0.60</td></tr><tr><td>STK3.WT2</td><td>-0.62</td></tr></table>	Treatment	Score	CXCLWT	-0.58	STK3.WT1	-0.60	STK3.WT2	-0.62	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)• nHTS of McI-1/Bid interaction inhibitors (AID 1021)• nHTS of McI-1/Noxa interaction inhibitors (AID 1022)• Dose Response Confirmation for McI-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)• nHTS 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	-0.58																							
STK3.WT1	-0.60																							
STK3.WT2	-0.62																							
BRD-K72135113-001-01-4 PubChem CID : 44490387		0.84 (in 4 replicates)	<div>-0.59 ± 0.06</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCLWT</td><td>-0.60</td></tr><tr><td>STK3.WT1</td><td>-0.64</td></tr><tr><td>STK3.WT2</td><td>-0.52</td></tr></table>	Treatment	Score	CXCLWT	-0.60	STK3.WT1	-0.64	STK3.WT2	-0.52	<div>0.253 ± 0.054</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCLWT</td><td>-0.315</td></tr><tr><td>STK3.WT1</td><td>-0.281</td></tr><tr><td>STK3.WT2</td><td>-0.214</td></tr></table>	Treatment	Score	CXCLWT	-0.315	STK3.WT1	-0.281	STK3.WT2	-0.214				Total number of assays tested in: 45.
Treatment	Score																							
CXCLWT	-0.60																							
STK3.WT1	-0.64																							
STK3.WT2	-0.52																							
Treatment	Score																							
CXCLWT	-0.315																							
STK3.WT1	-0.281																							
STK3.WT2	-0.214																							
BRD-K32797868-001-01-7 PubChem CID : 54641357		NA (in 1 replicates)	<div>-0.58 ± 0.02</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCLWT</td><td>-0.59</td></tr><tr><td>STK3.WT1</td><td>-0.59</td></tr><tr><td>STK3.WT2</td><td>-0.56</td></tr></table>	Treatment	Score	CXCLWT	-0.59	STK3.WT1	-0.59	STK3.WT2	-0.56	NA				Total number of assays tested in: 43.								
Treatment	Score																							
CXCLWT	-0.59																							
STK3.WT1	-0.59																							
STK3.WT2	-0.56																							
BRD-A84530592-001-07-1 ZINC00814335 AC1NRMA1 MLS000765155 HMS2726B07 STK167461 BAS 08978426 SMR000288560 ST093880 PubChem CID : 5294569		NA (in 1 replicates)	<div>-0.58 ± 0.03</div> <table><tr><th>Treatment</th><th>Score</th></tr><tr><td>CXCLWT</td><td>-0.57</td></tr><tr><td>STK3.WT1</td><td>-0.56</td></tr><tr><td>STK3.WT2</td><td>-0.61</td></tr></table>	Treatment	Score	CXCLWT	-0.57	STK3.WT1	-0.56	STK3.WT2	-0.61	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)• nHTS Luminescent assay for identification of activators of mouse intestinal alkaline phosphatase (AID 2805)• Single concentration confirmation of nHTS 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 403056)• Activator for delta FosB/delta FosB homodimer Measured in Biochemical System Using Plate Reader - 2072-01.Activator.SinglePoint.HTS.Activity (AID 493131)								
Treatment	Score																							
CXCLWT	-0.57																							
STK3.WT1	-0.56																							
STK3.WT2	-0.61																							

BRD-K17923226-001-01-5 PubChem CID : 54619100		0.77 (in 4 replicates)	<div>-0.57 ± 0.13</div> <div> <div>Treatment</div> <div>Score</div> <div>CXCLWT</div> <div>-0.66</div> <div>STK3.WT.1</div> <div>-0.64</div> <div>STK3.WT.2</div> <div>-0.43</div> </div>
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0.559 ± 0.294

Treatment

Score

CXCLWT

0.607

STK3.WT.1

0.381

STK3.WT.2

0.799