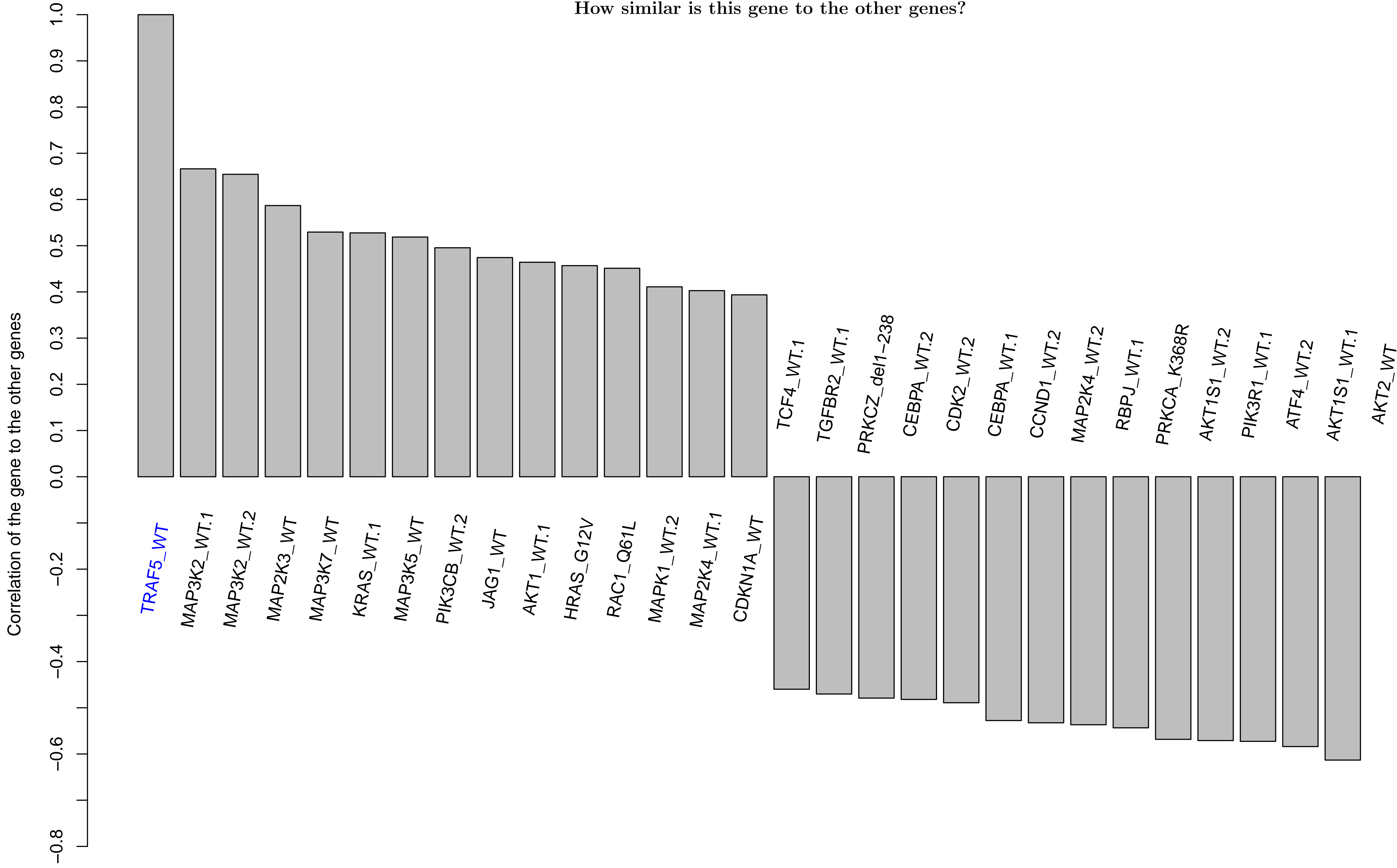
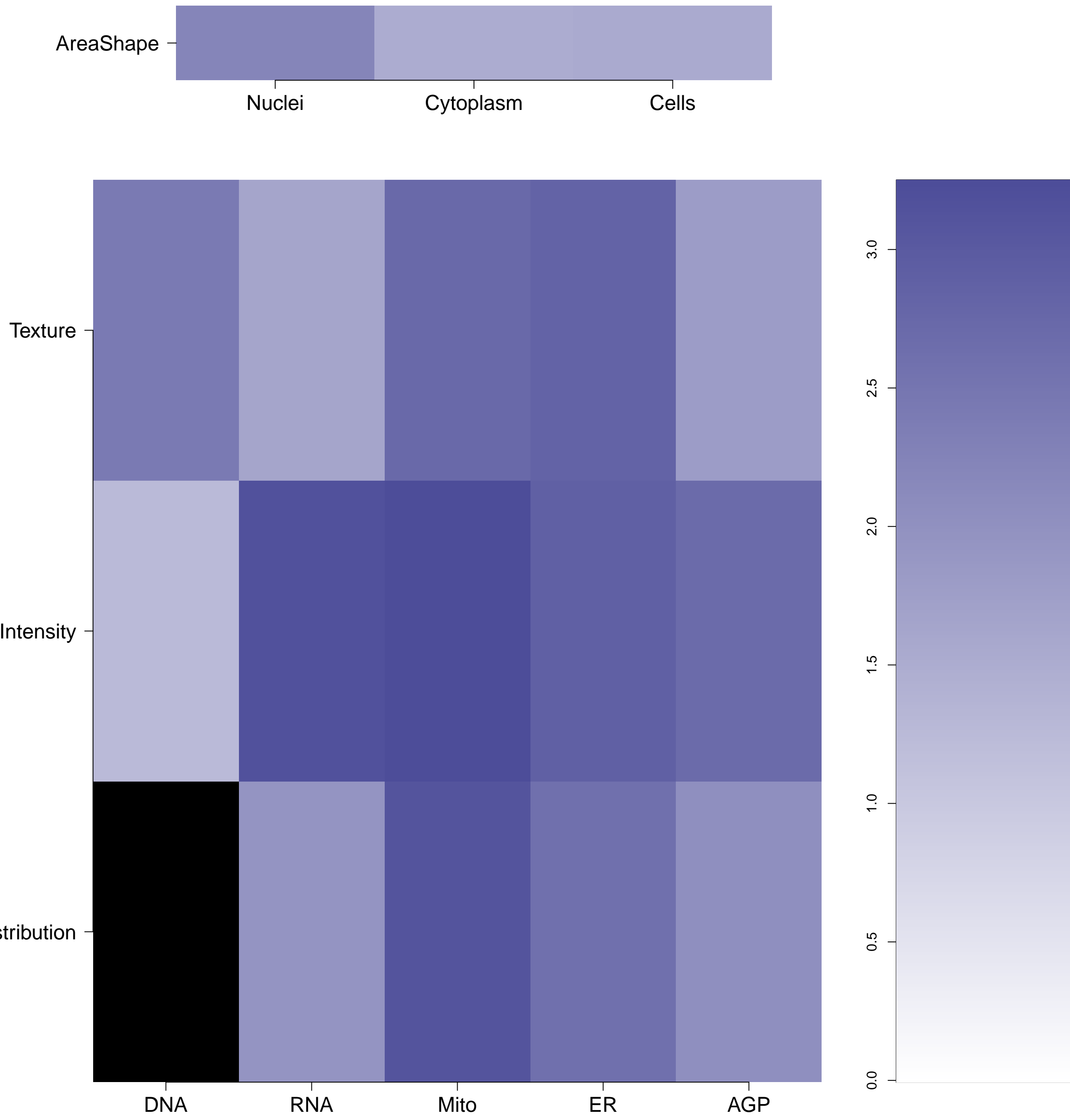


TRAF5.WT - in Canonical NFkB

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

TRAF5.WT (41744)

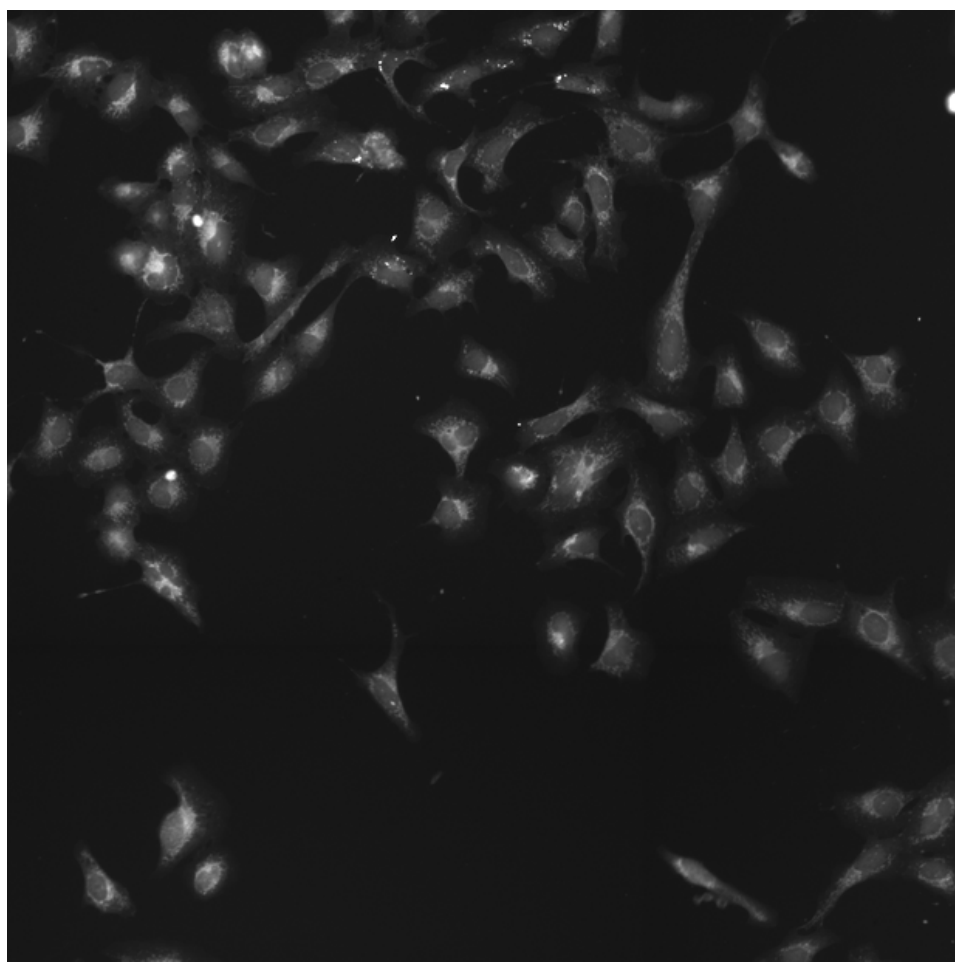
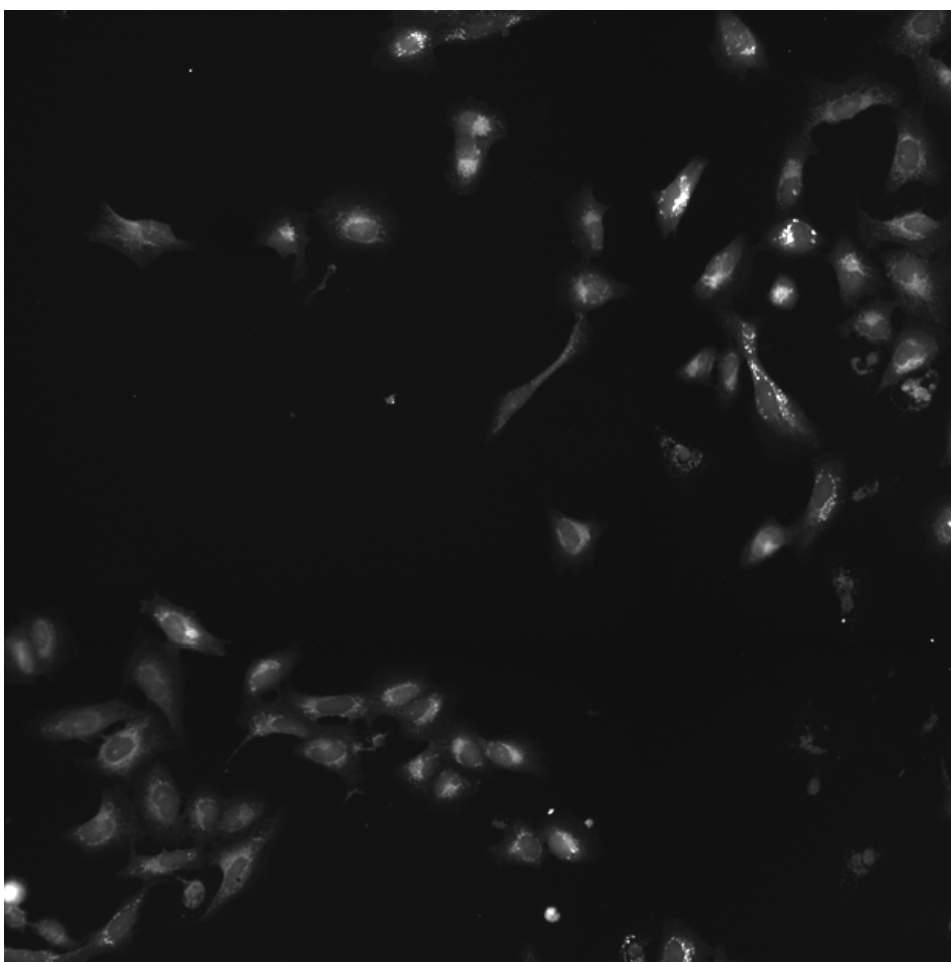
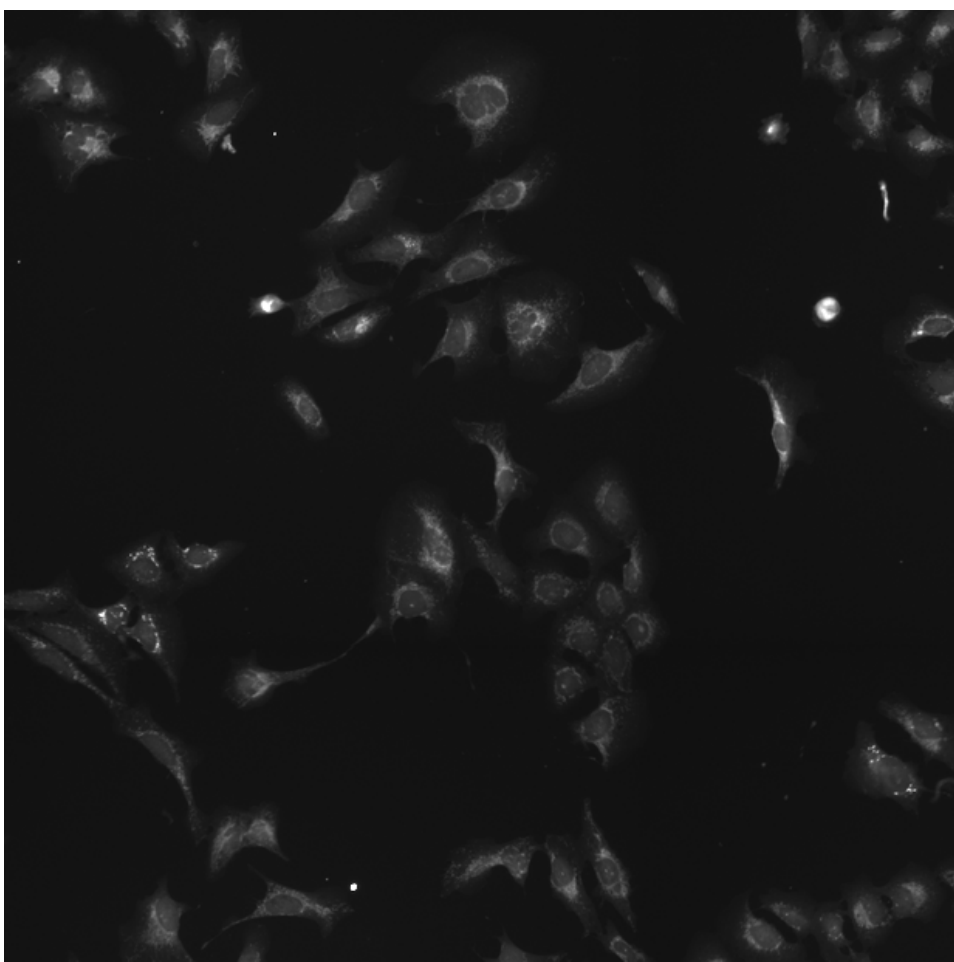
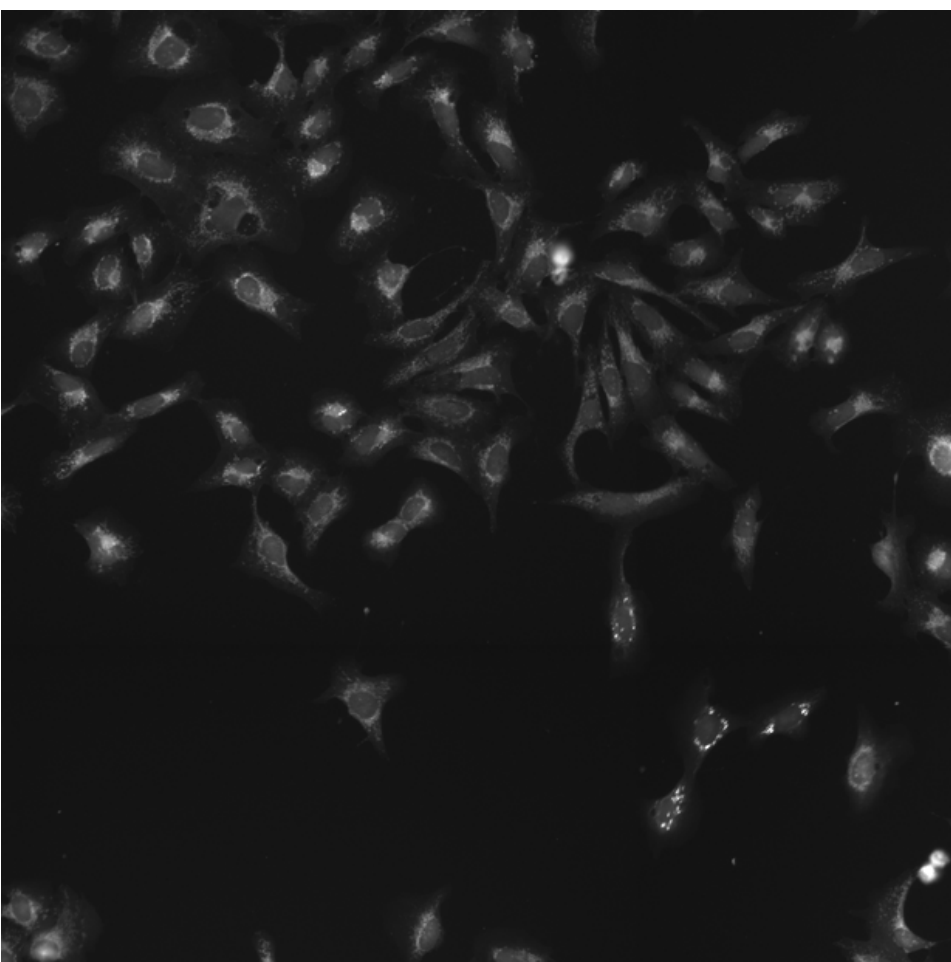
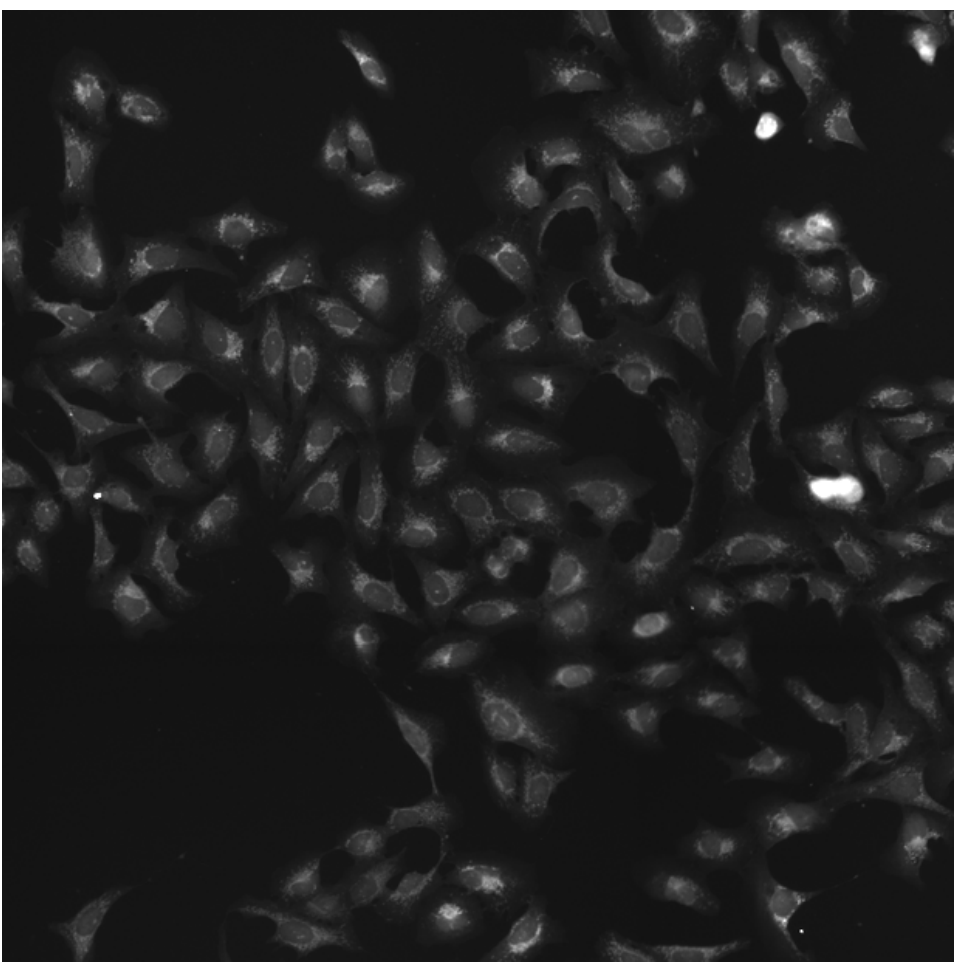
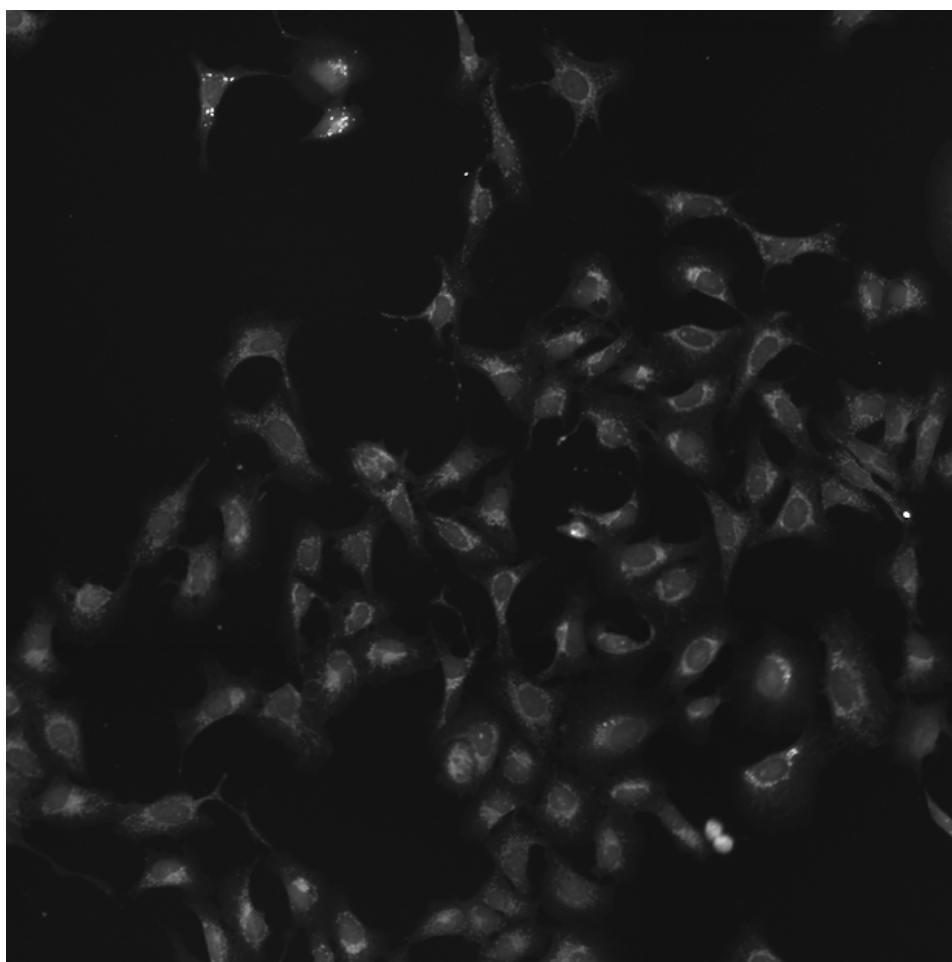
TRAF5.WT (41755)

TRAF5.WT (41756)

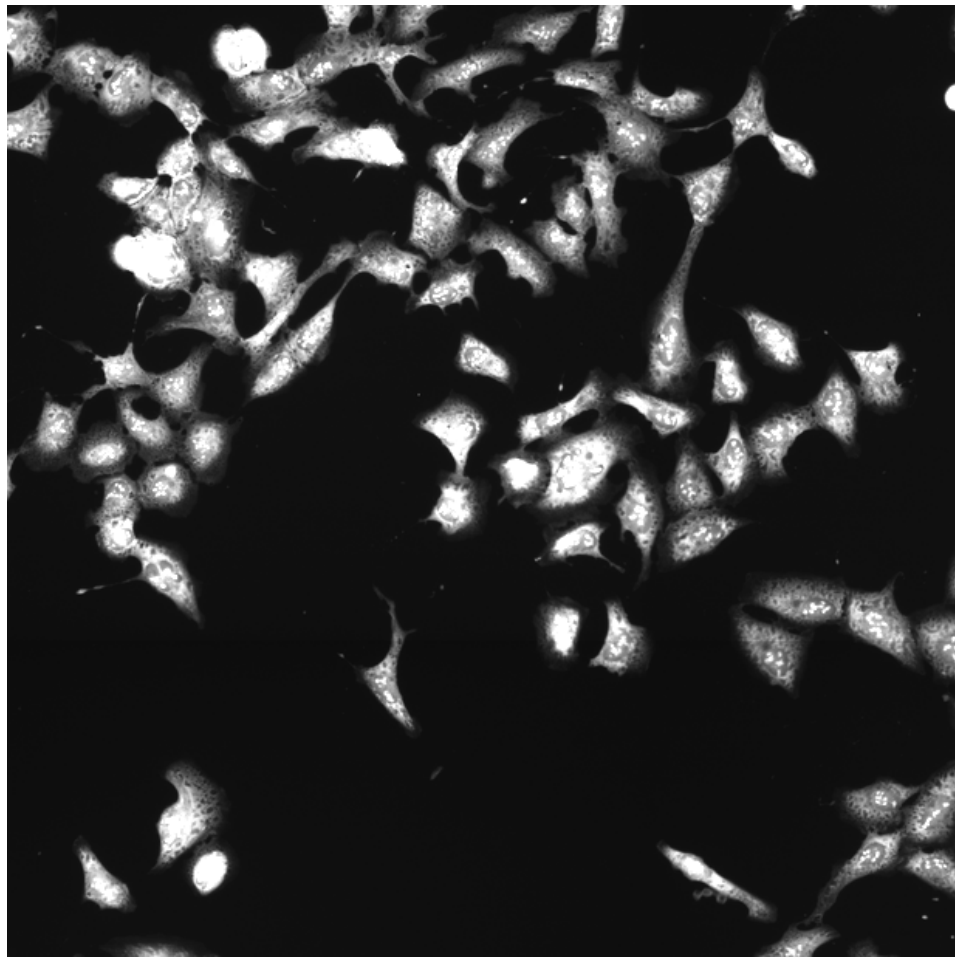
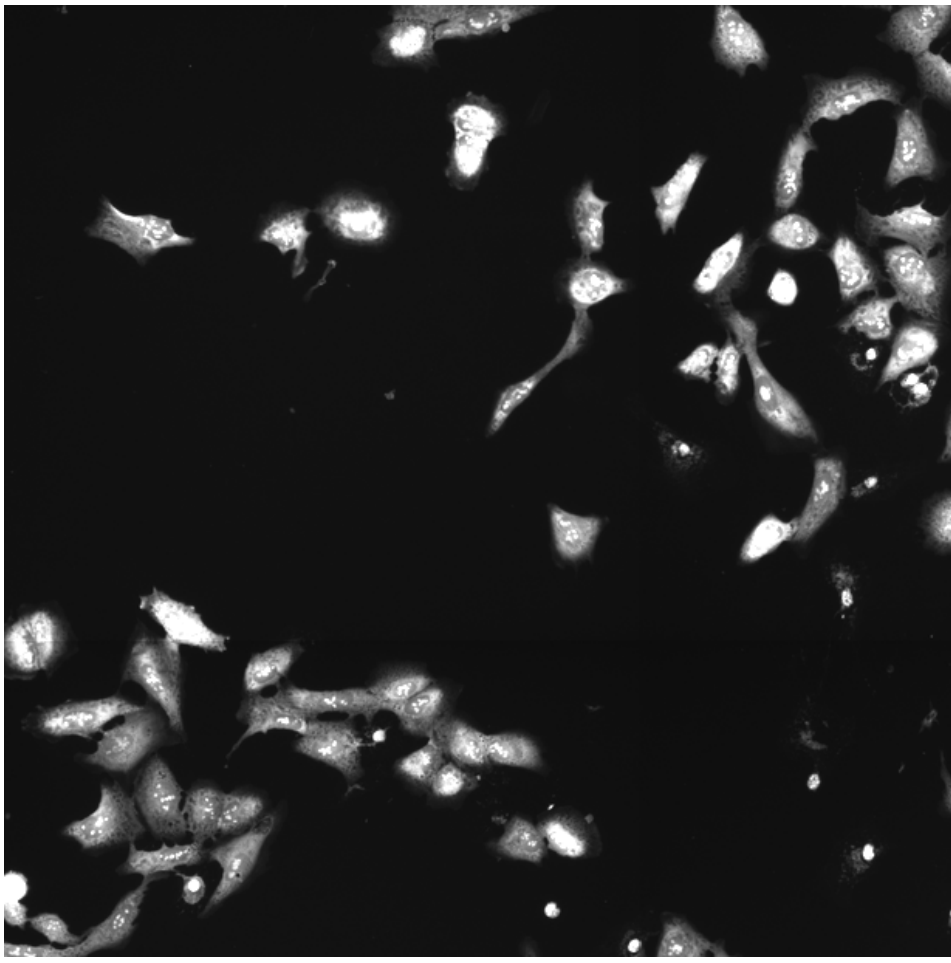
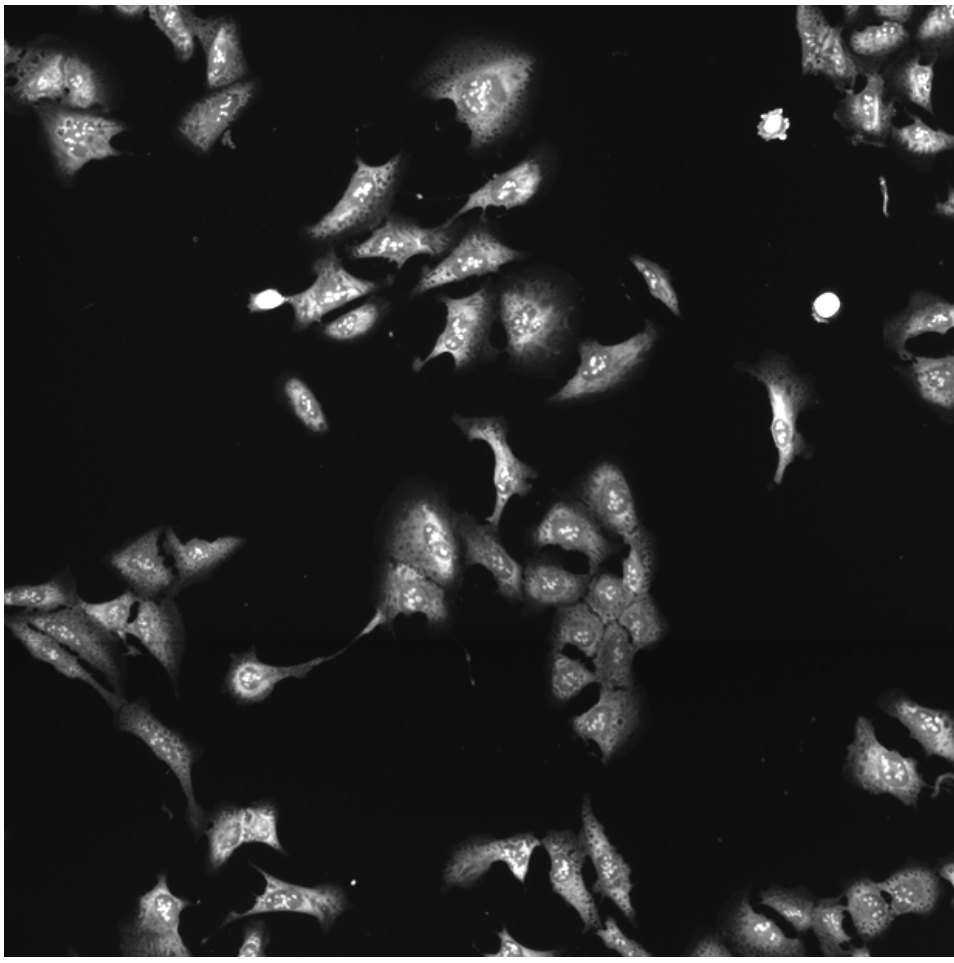
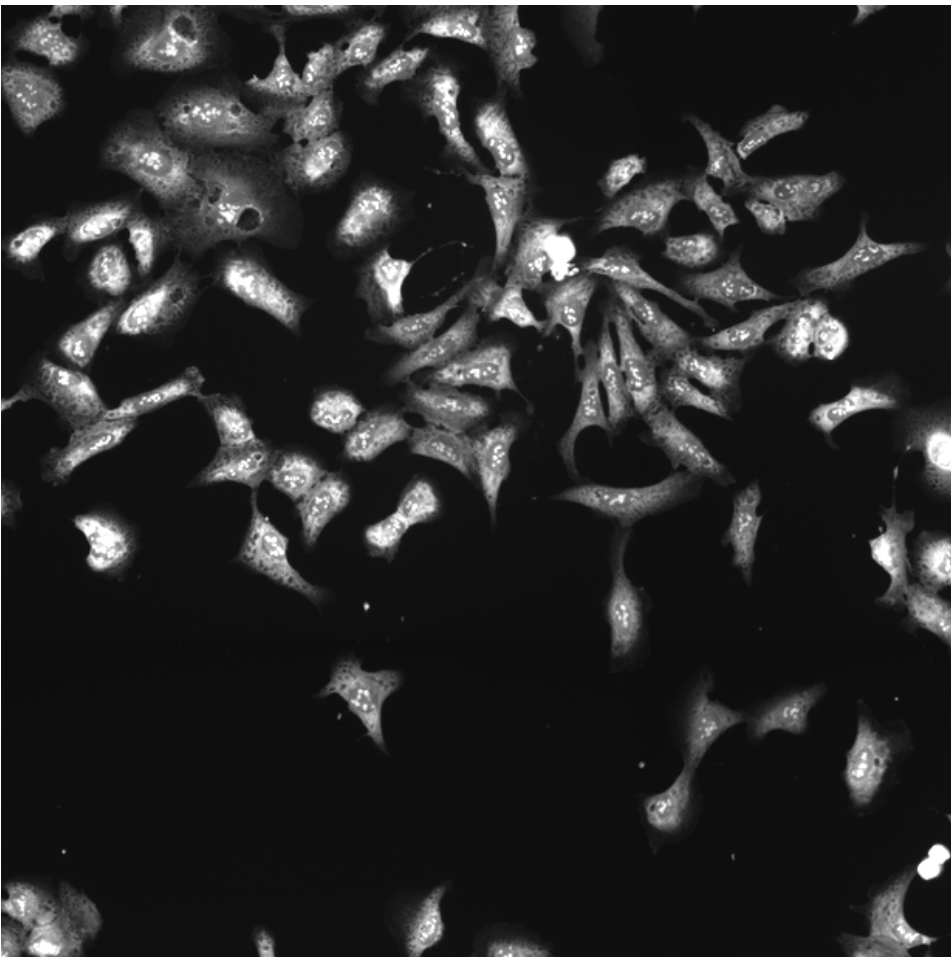
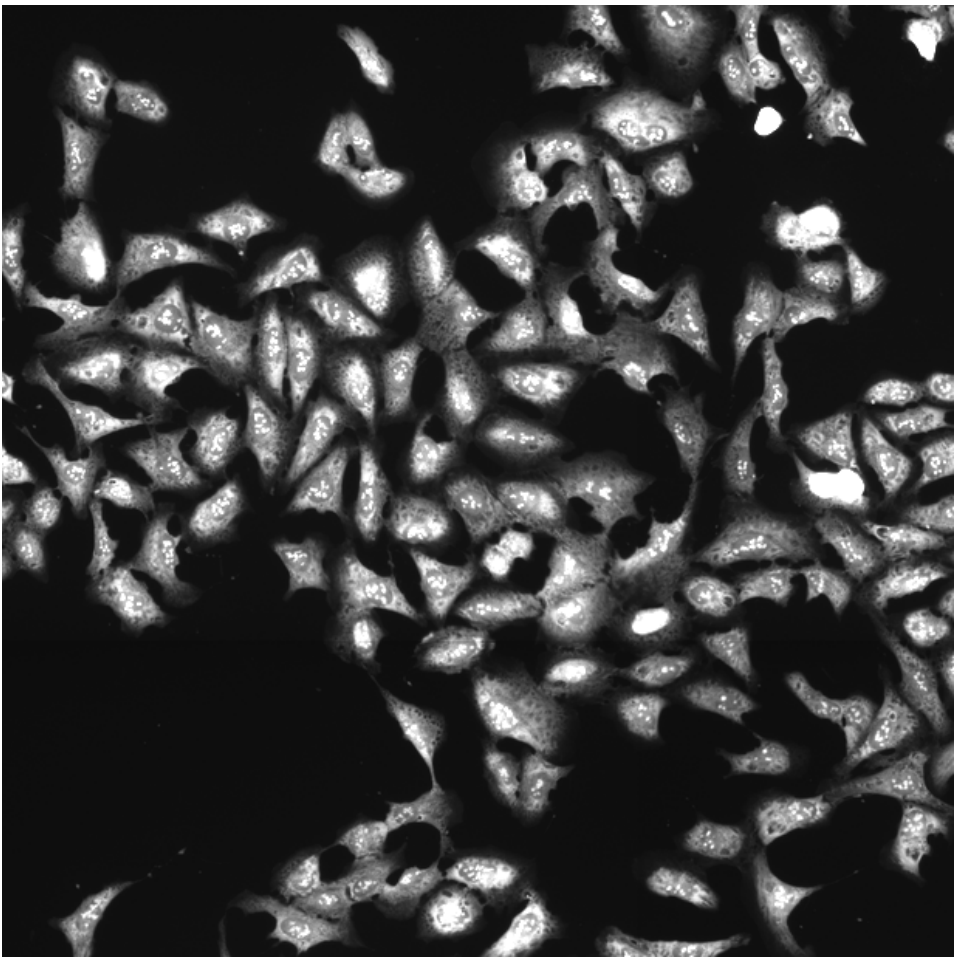
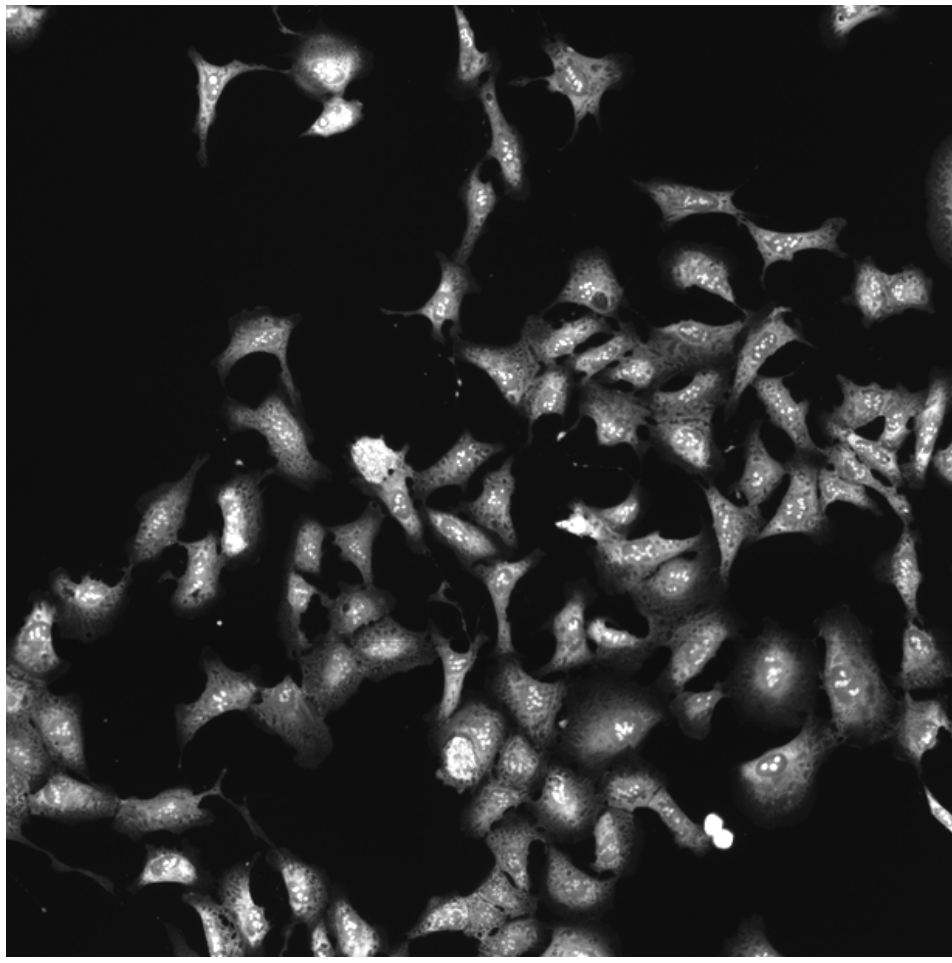
TRAF5.WT (41757)

TRAF5.WT (41754)

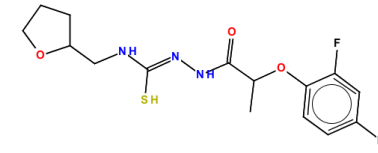
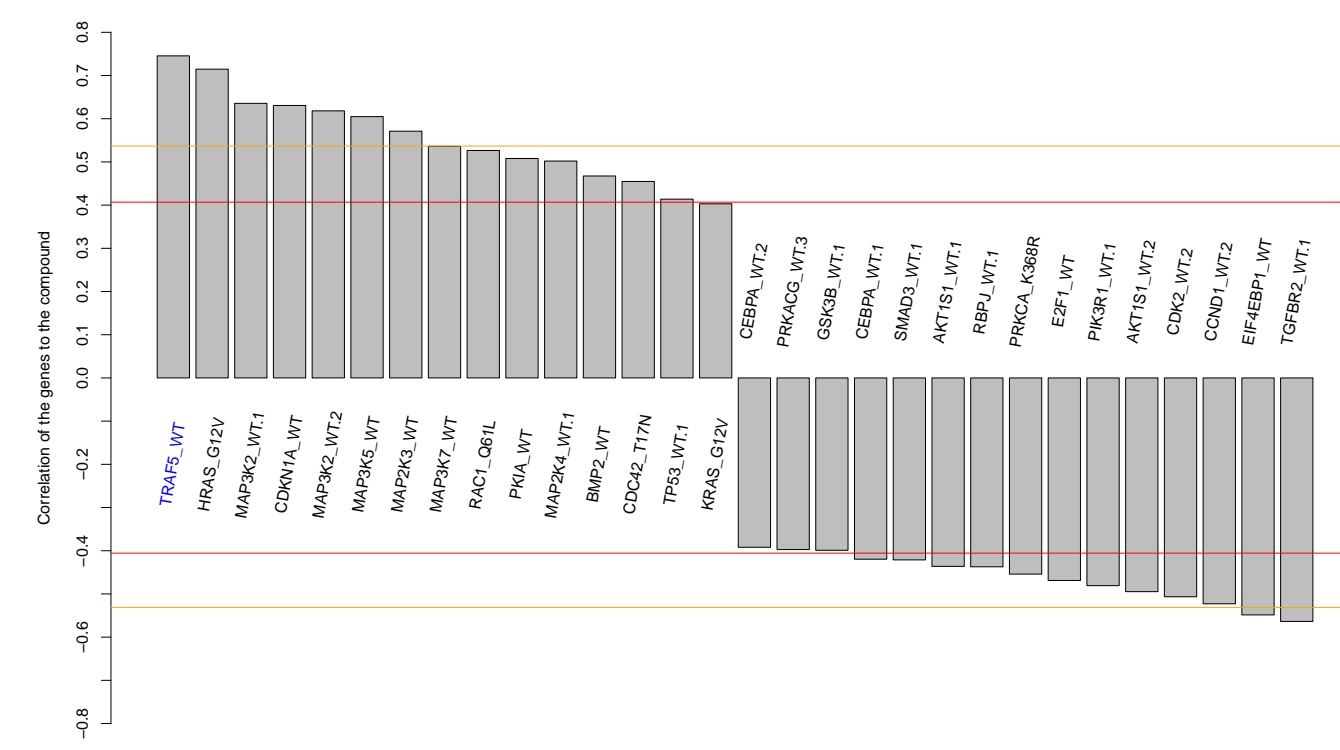
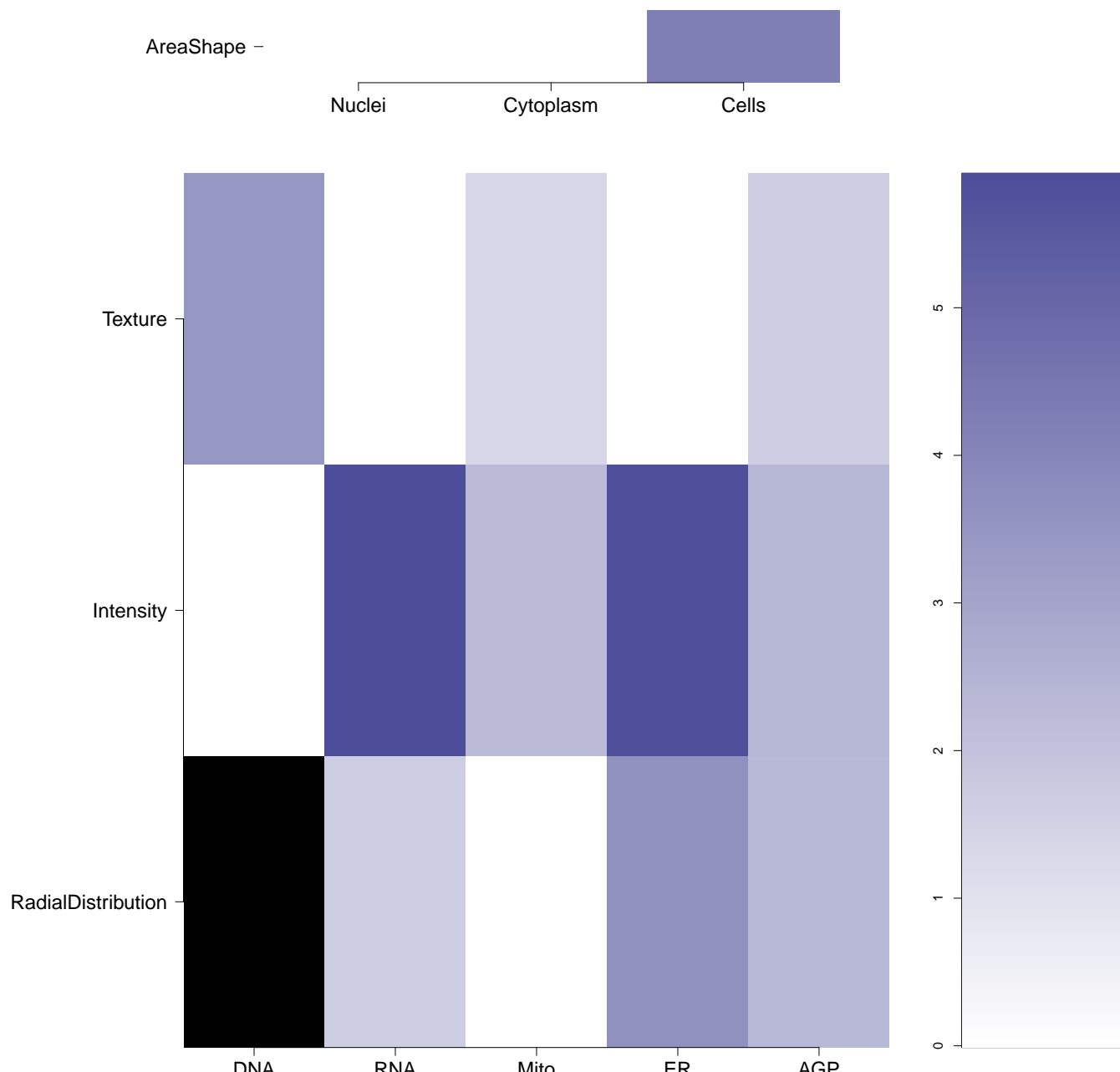
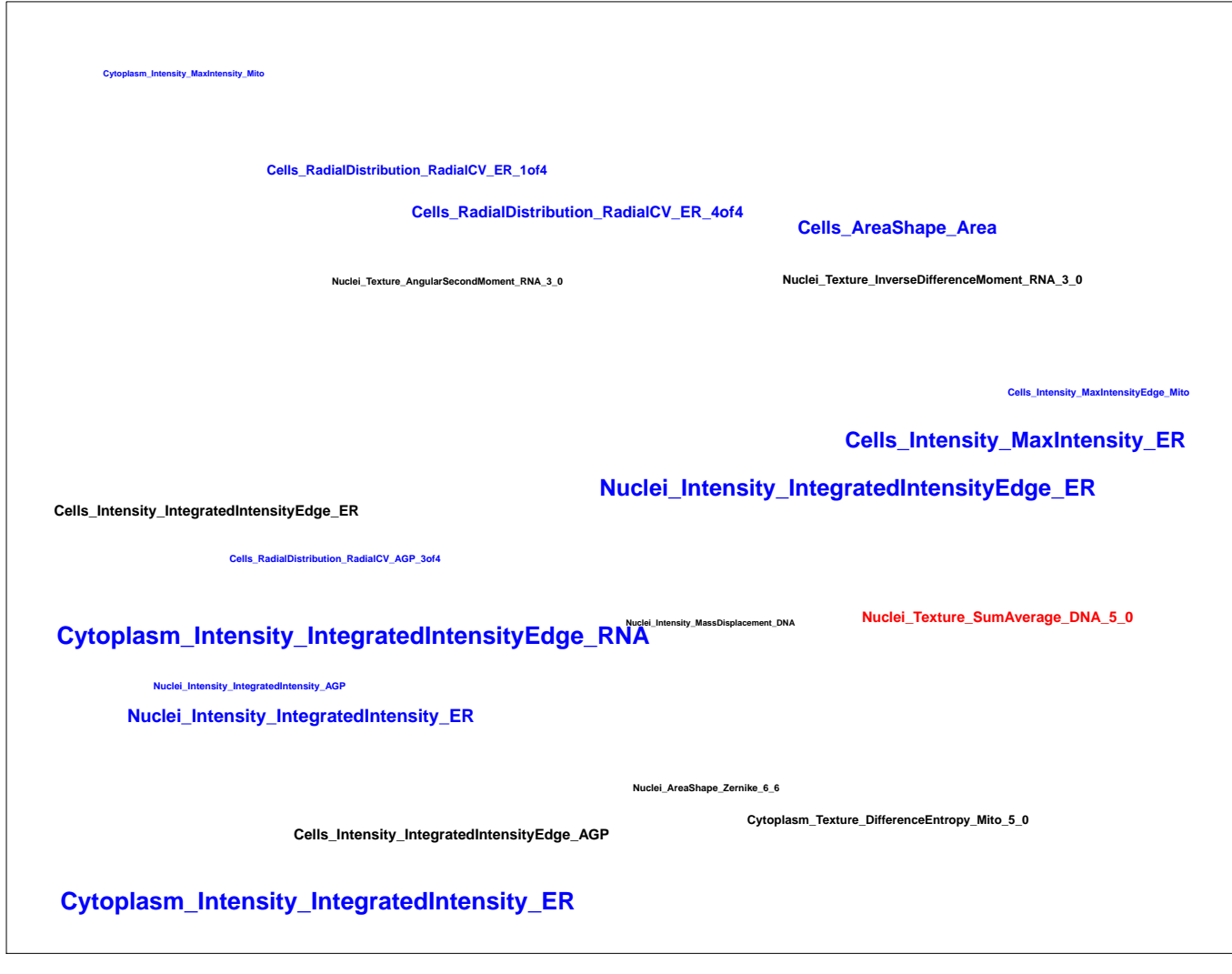
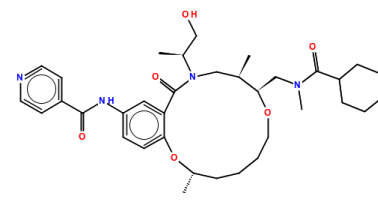
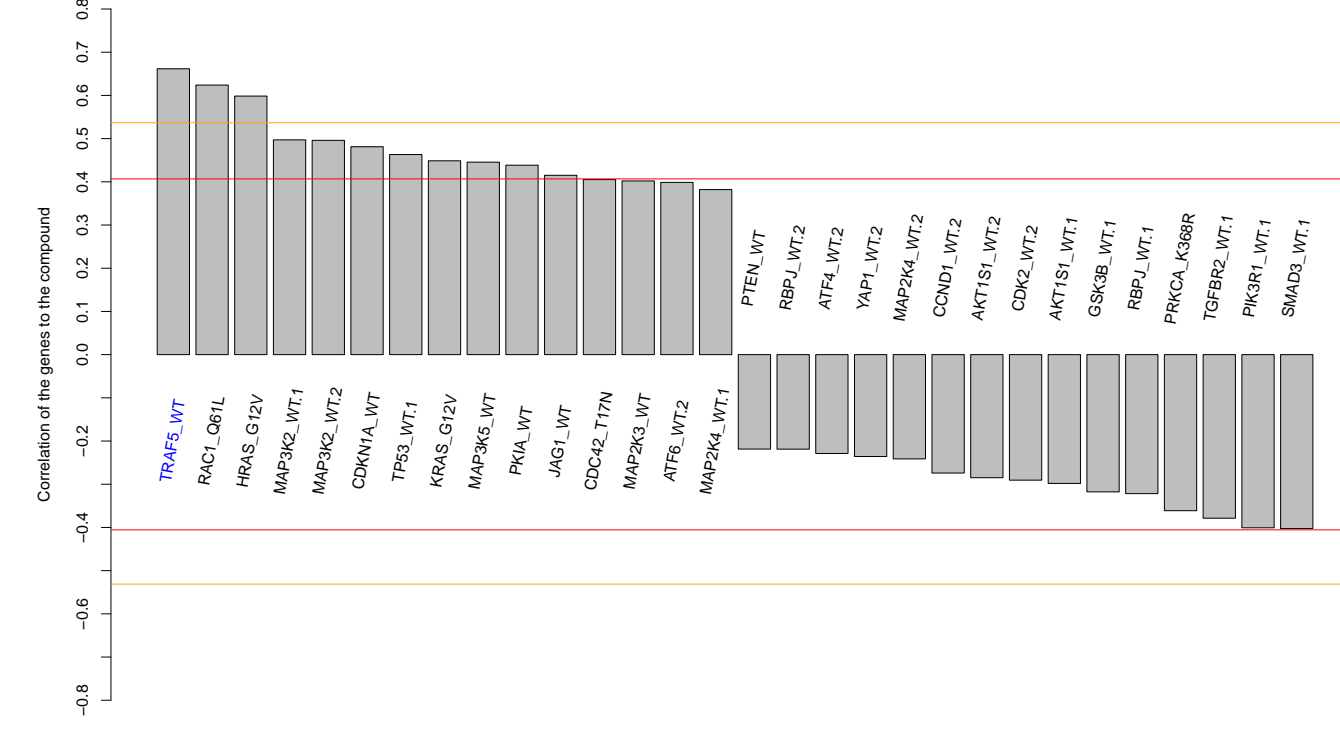
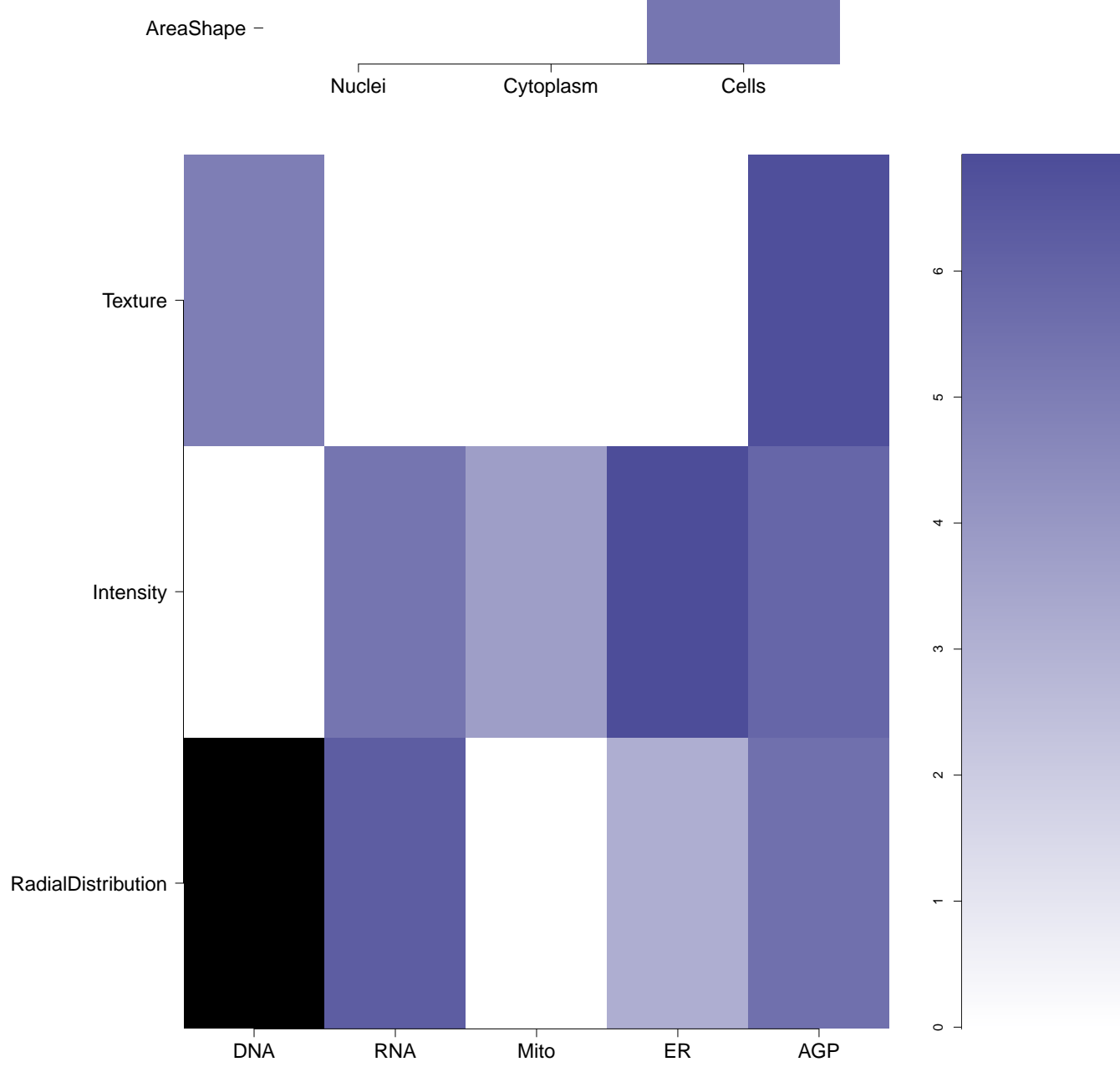

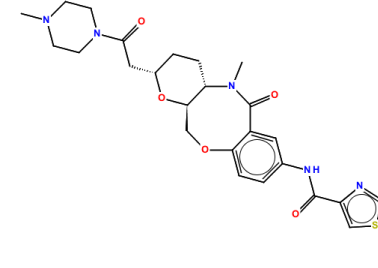
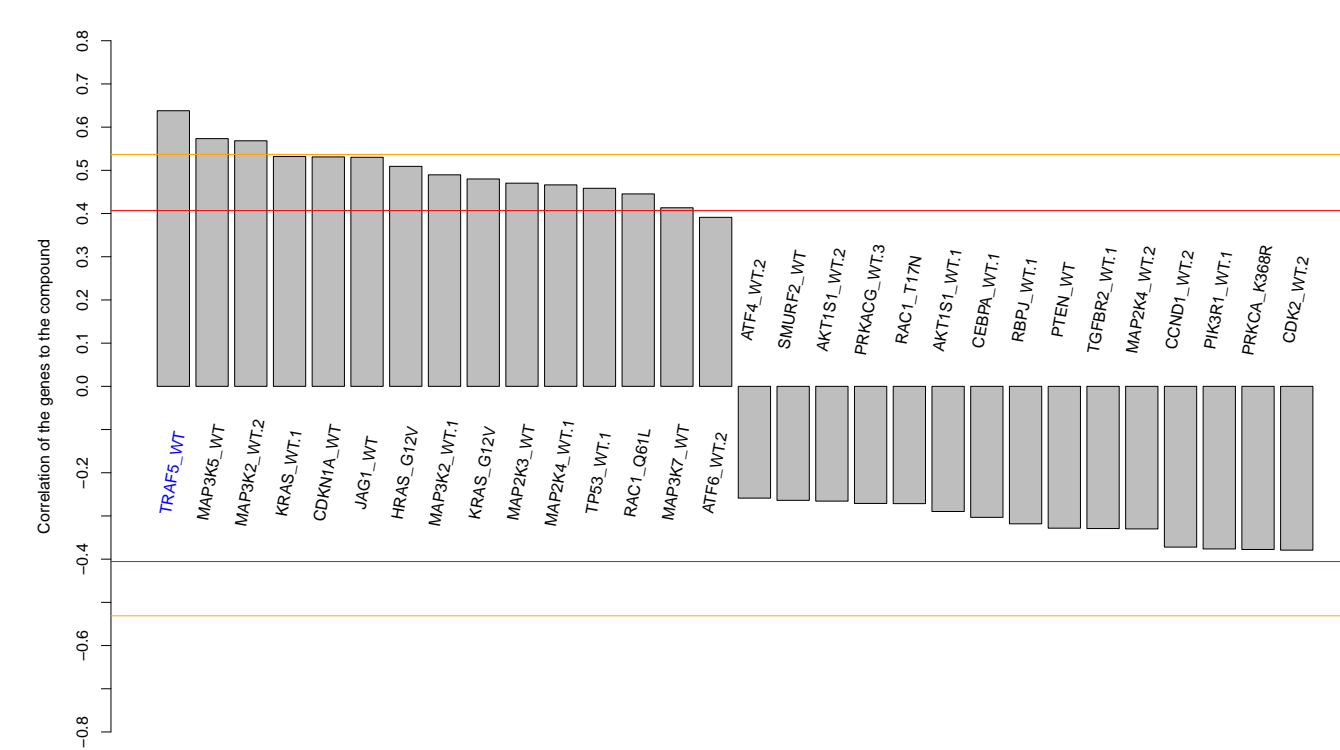
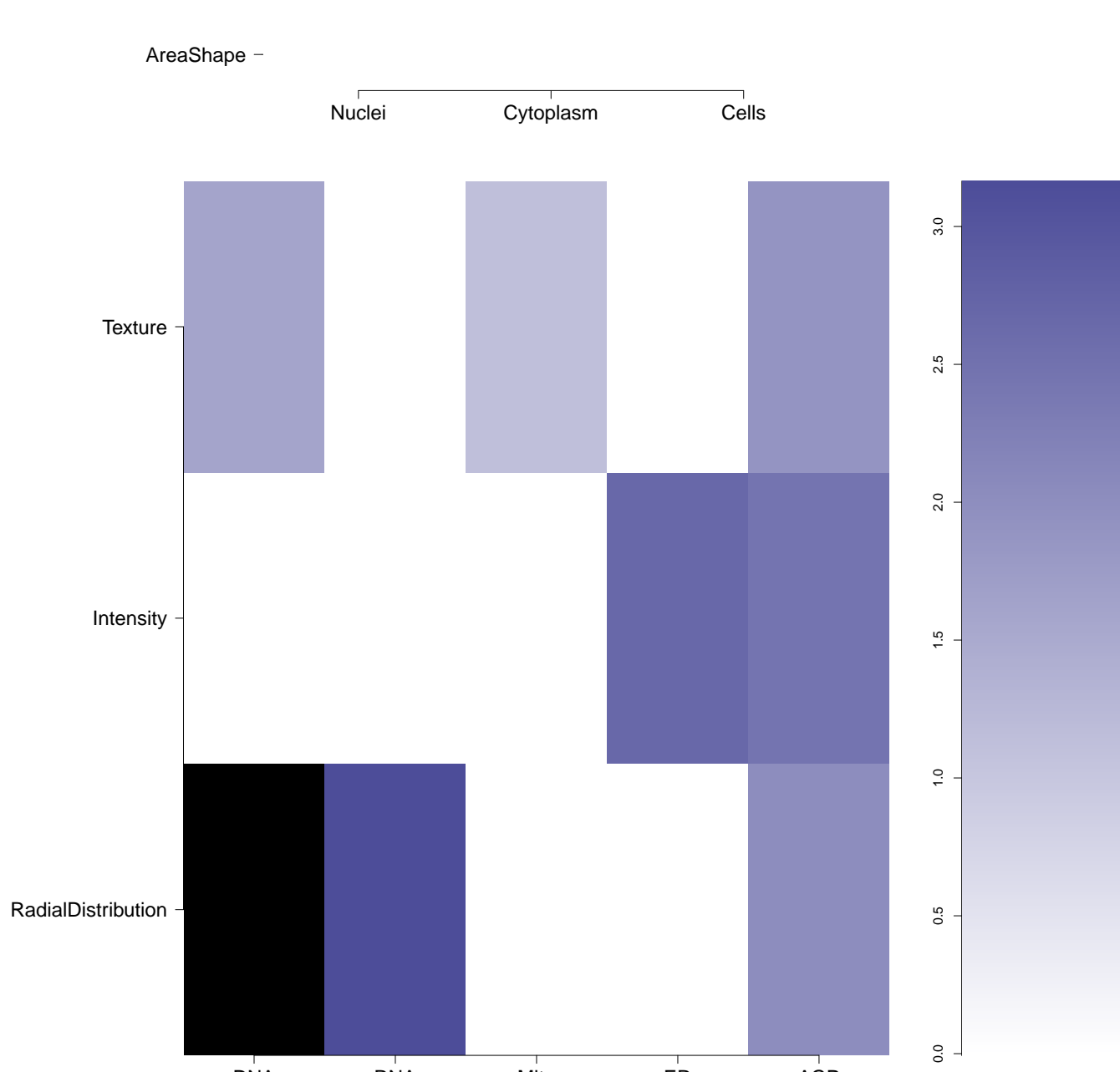
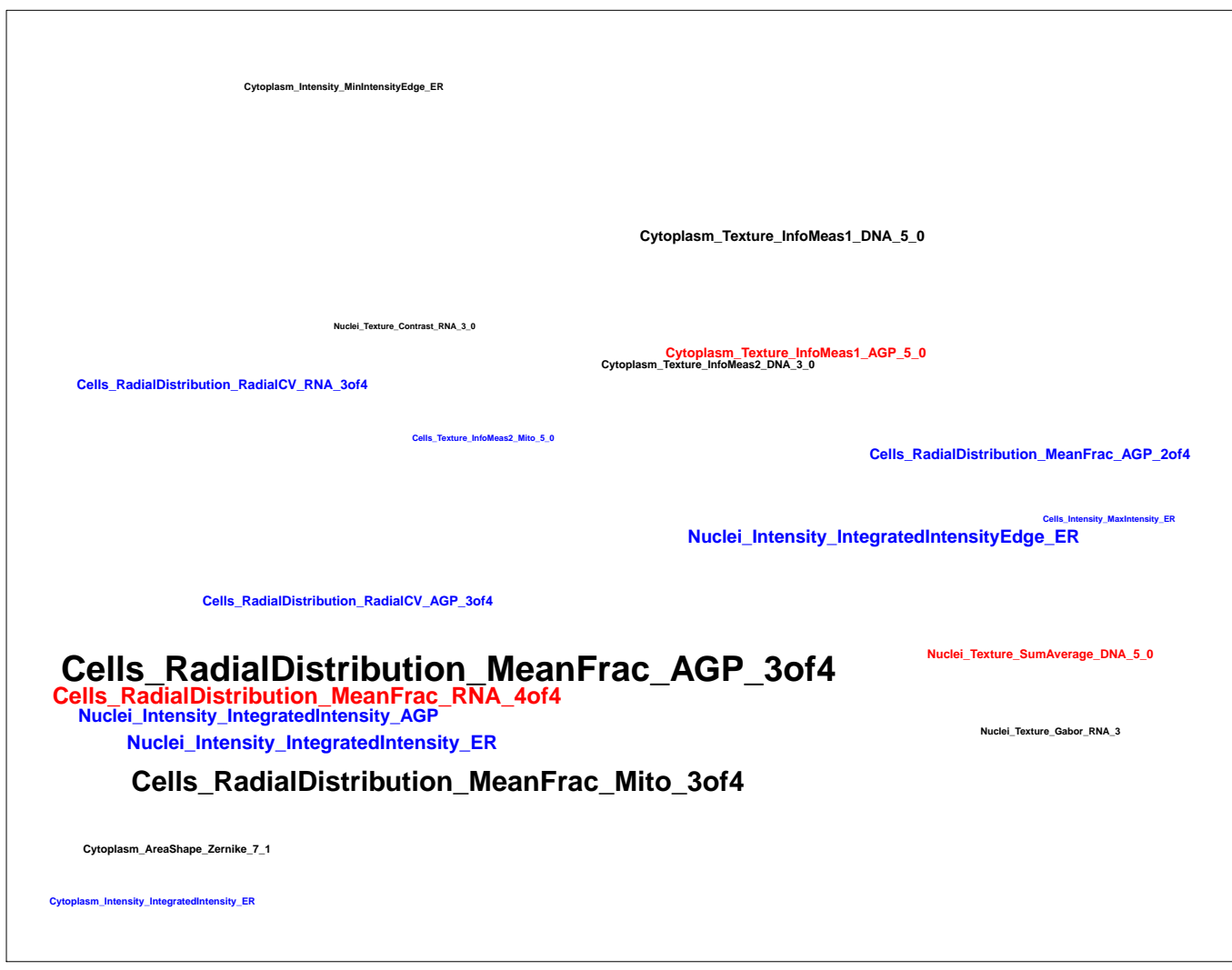
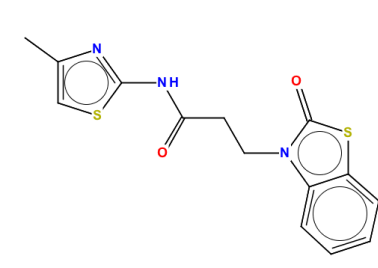
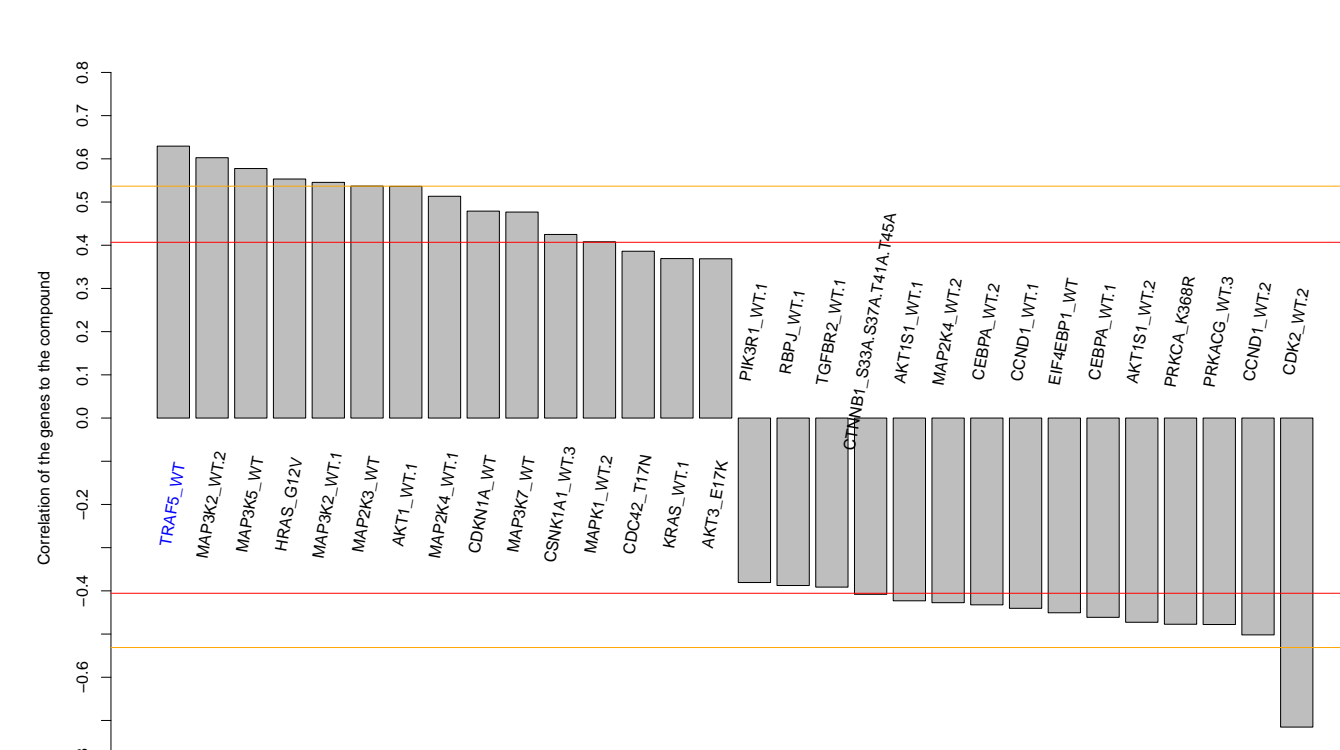
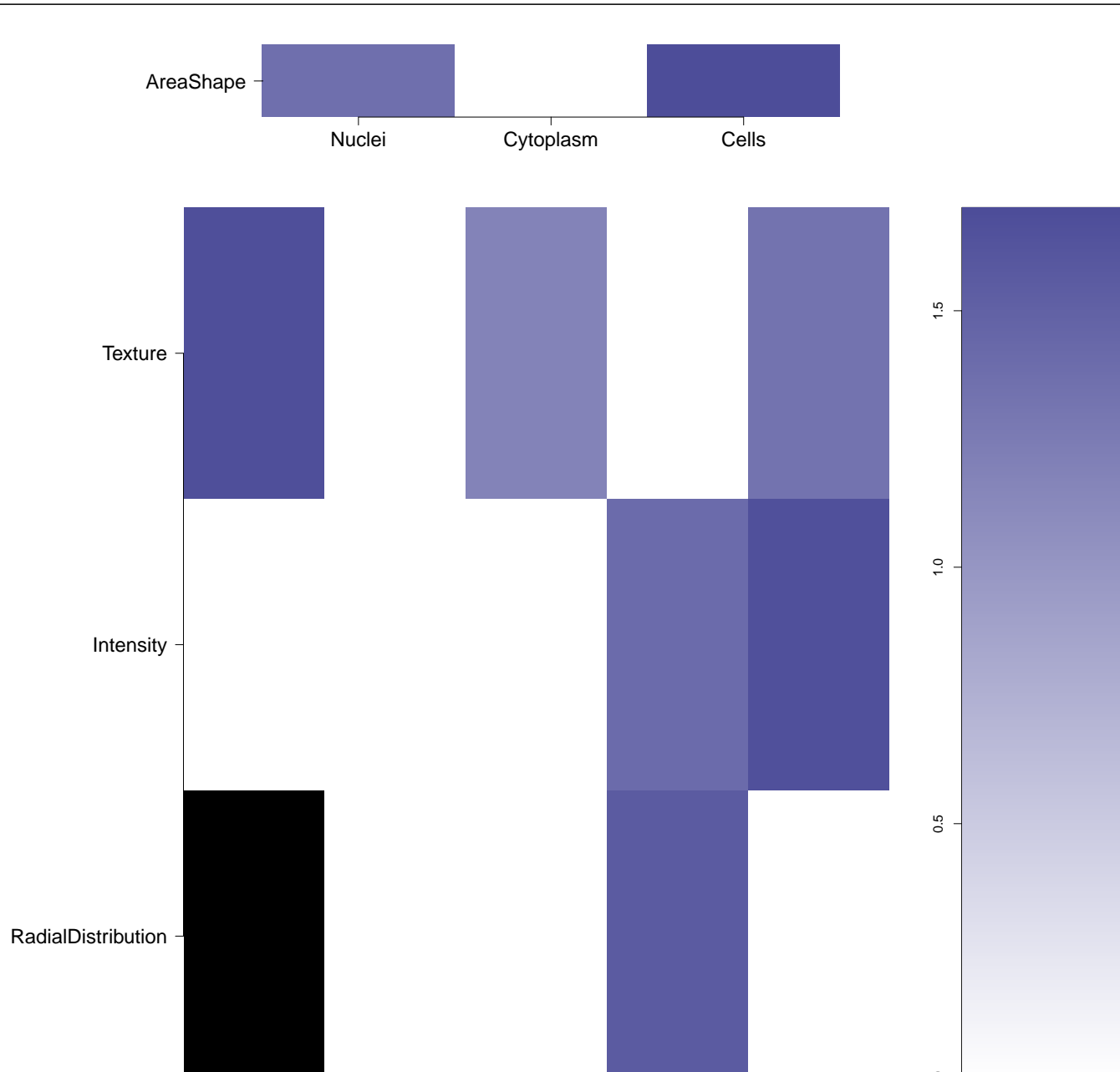

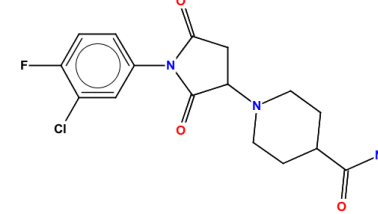
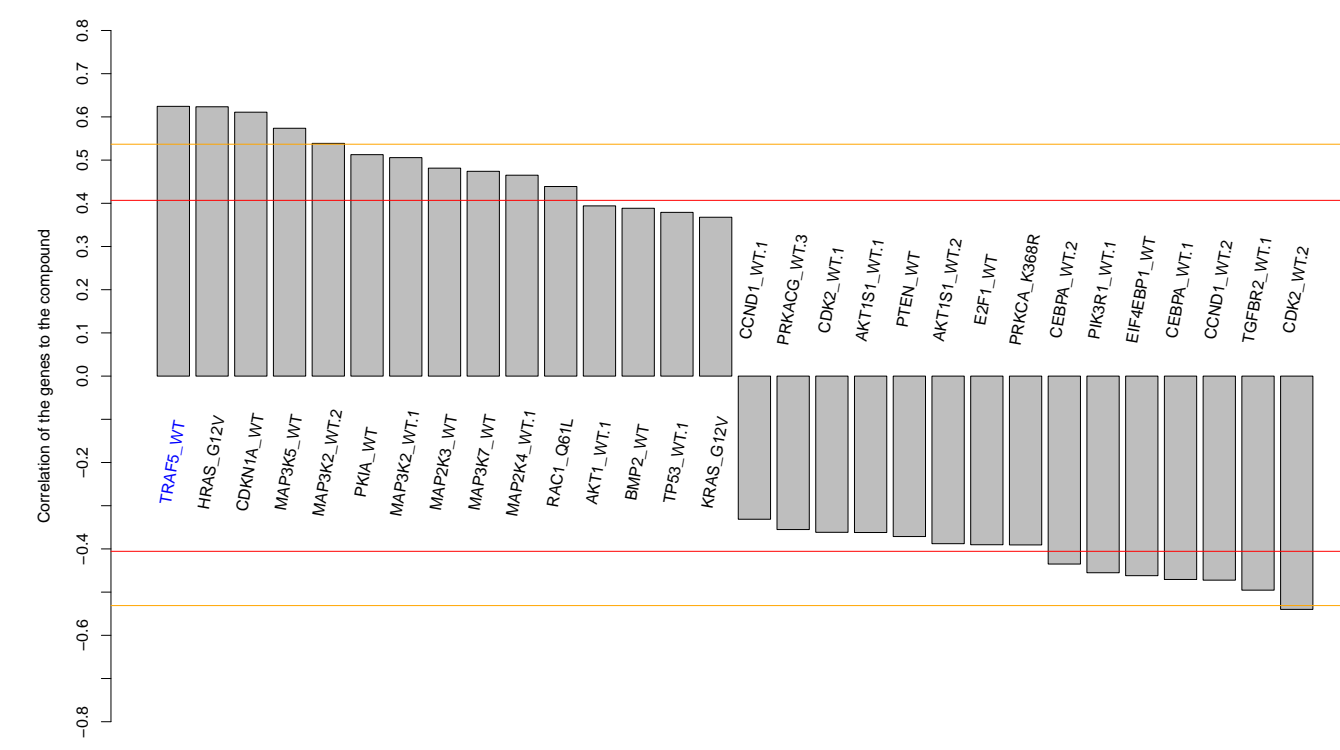
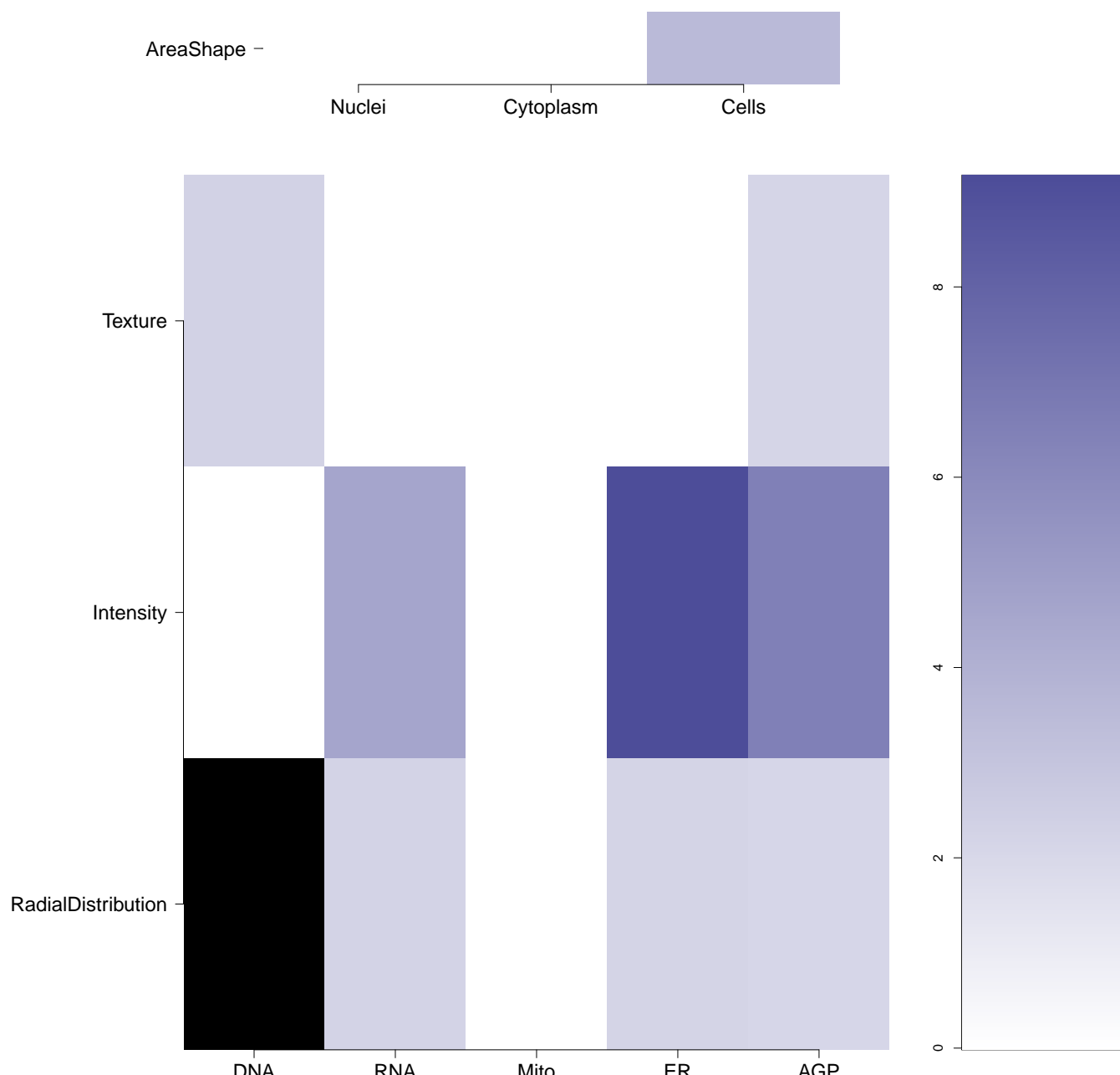
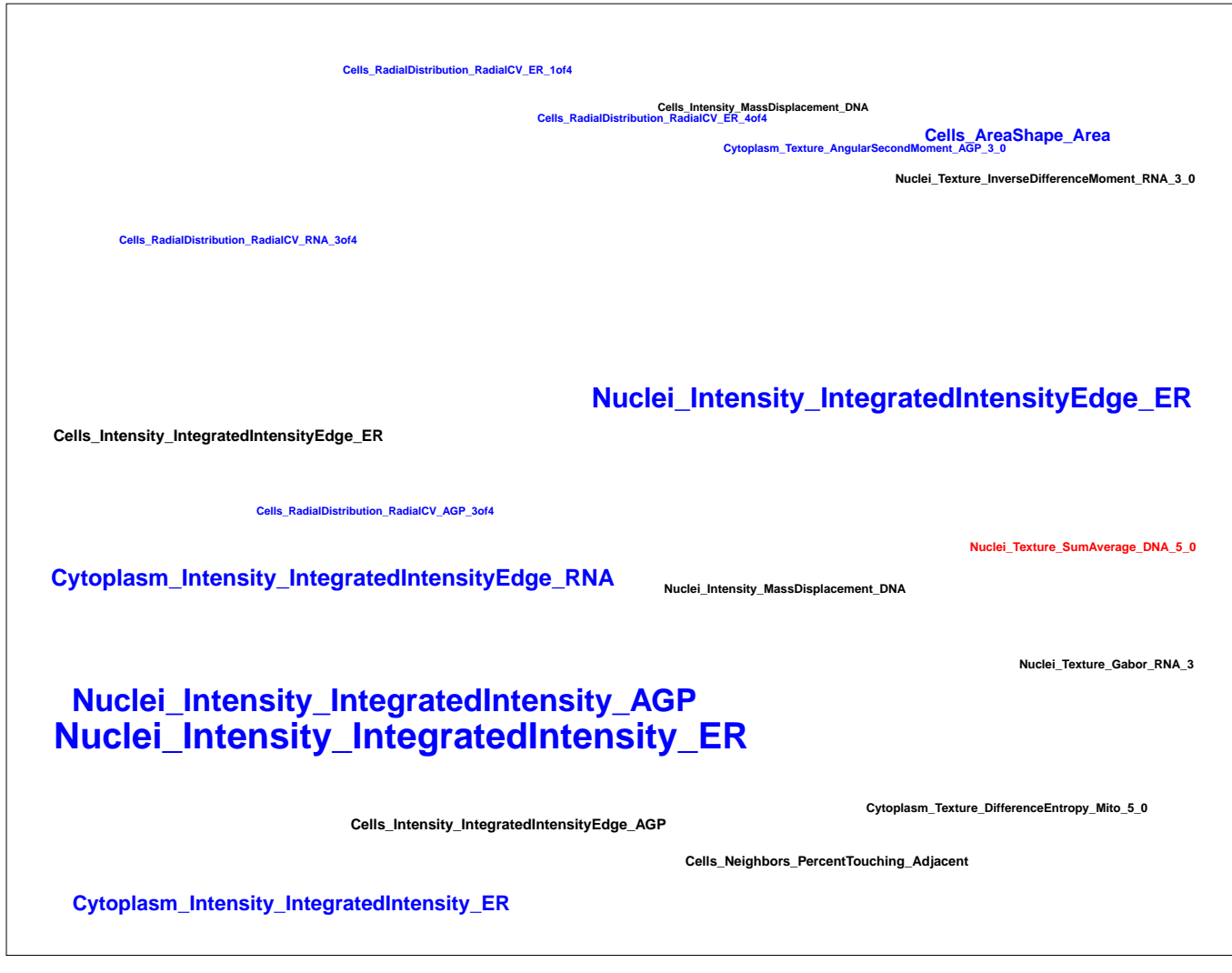
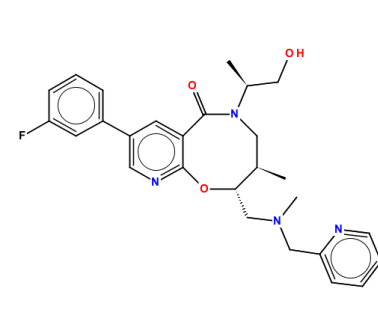
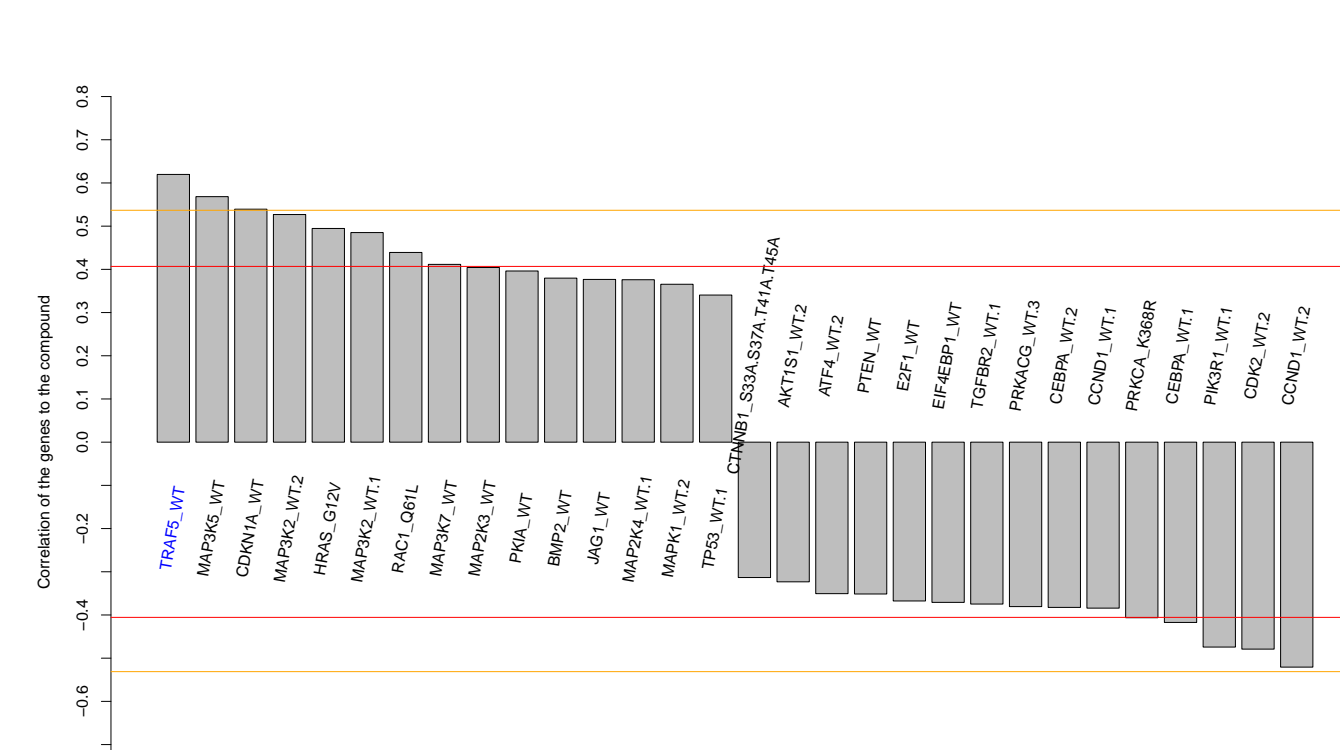
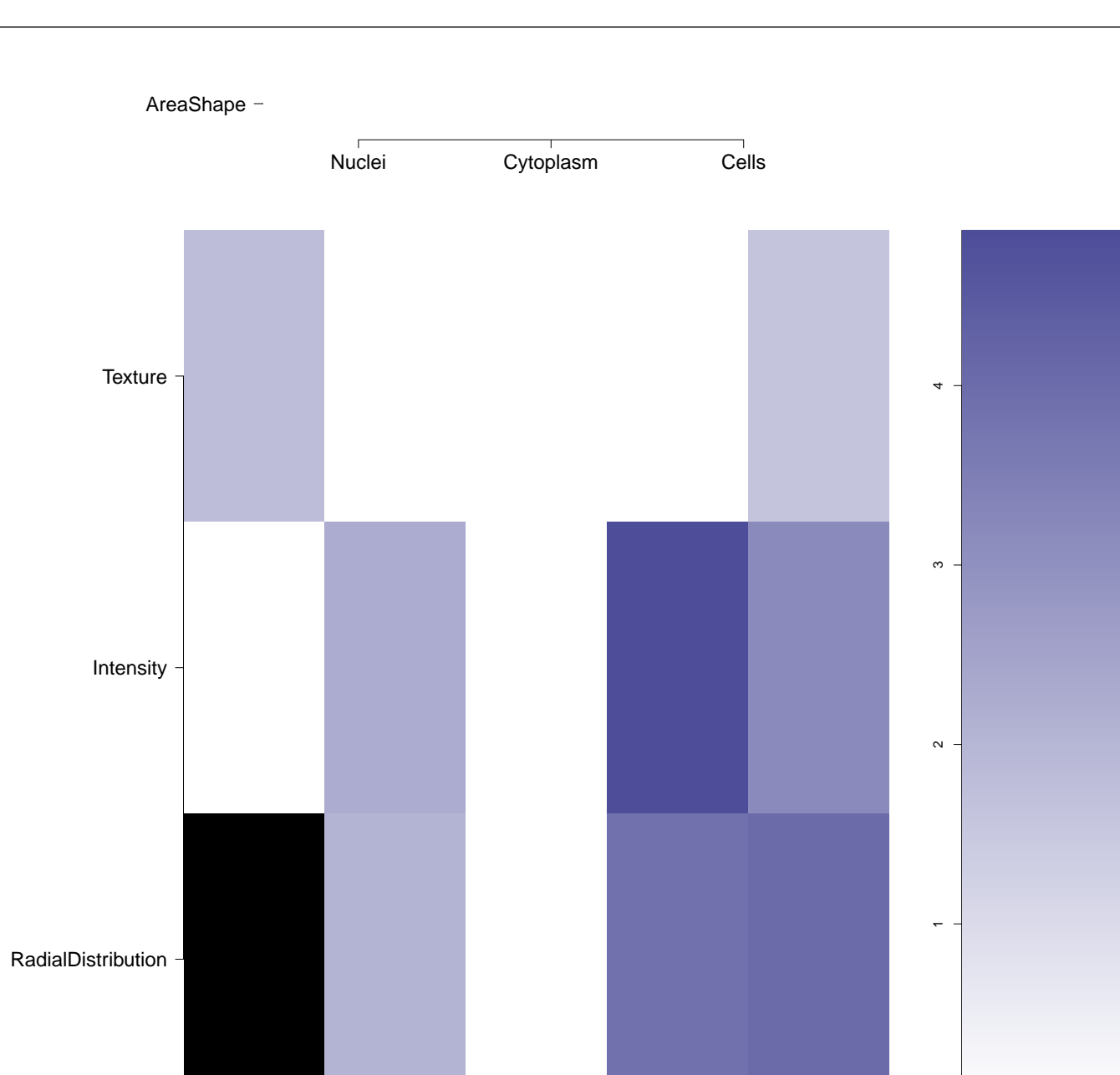

Mito

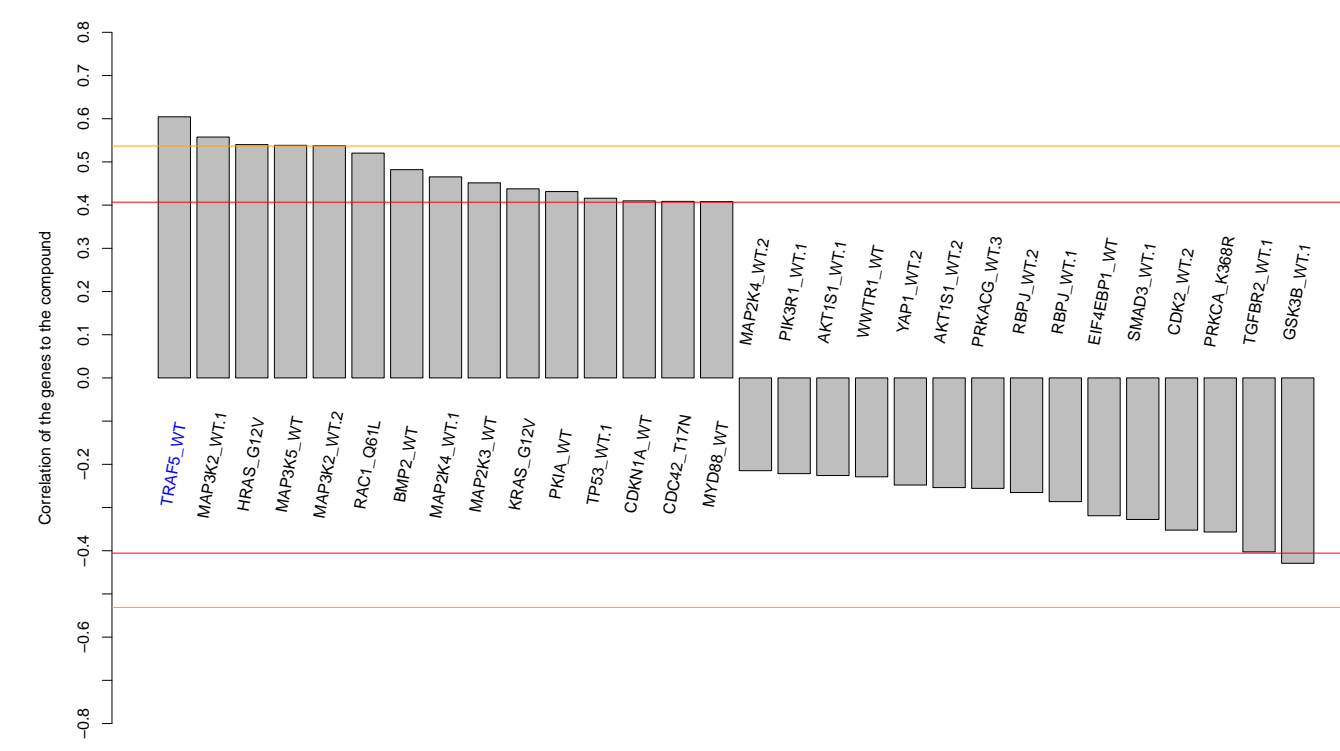
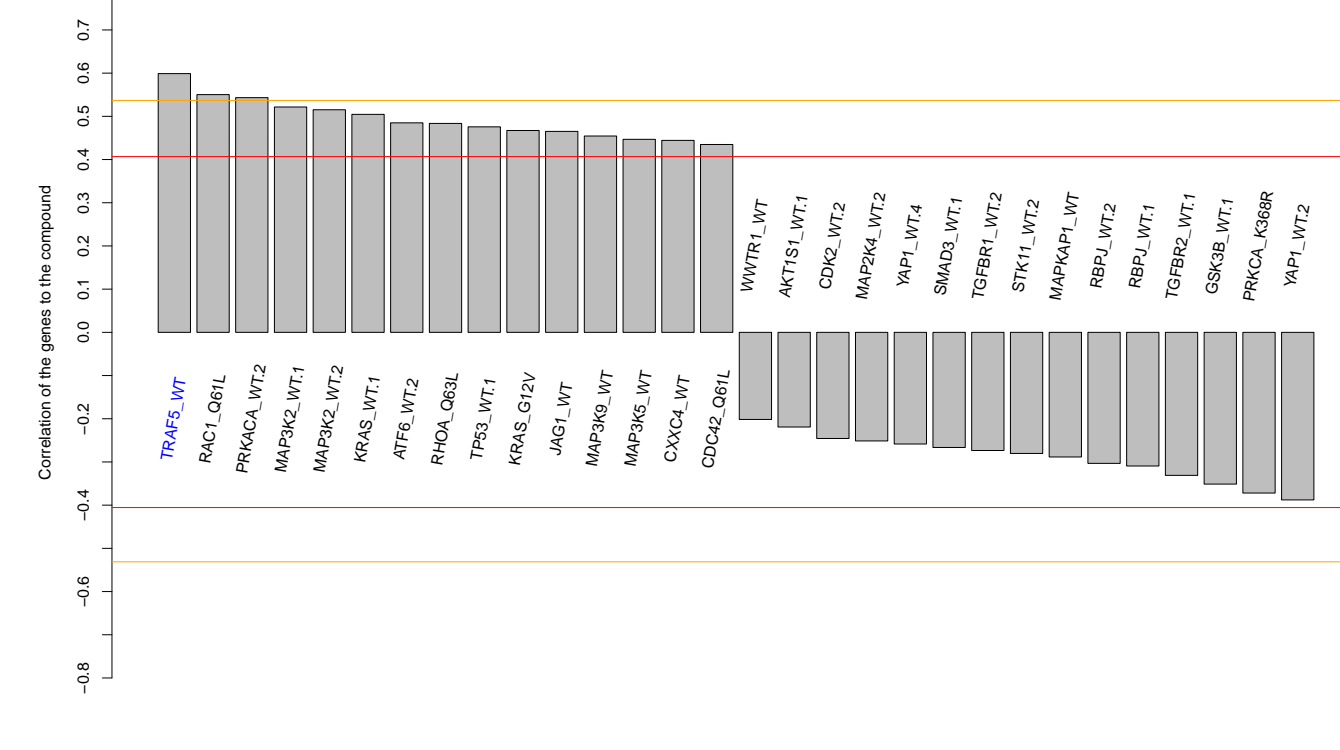
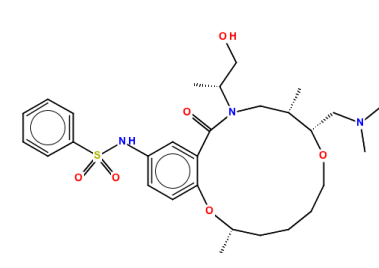
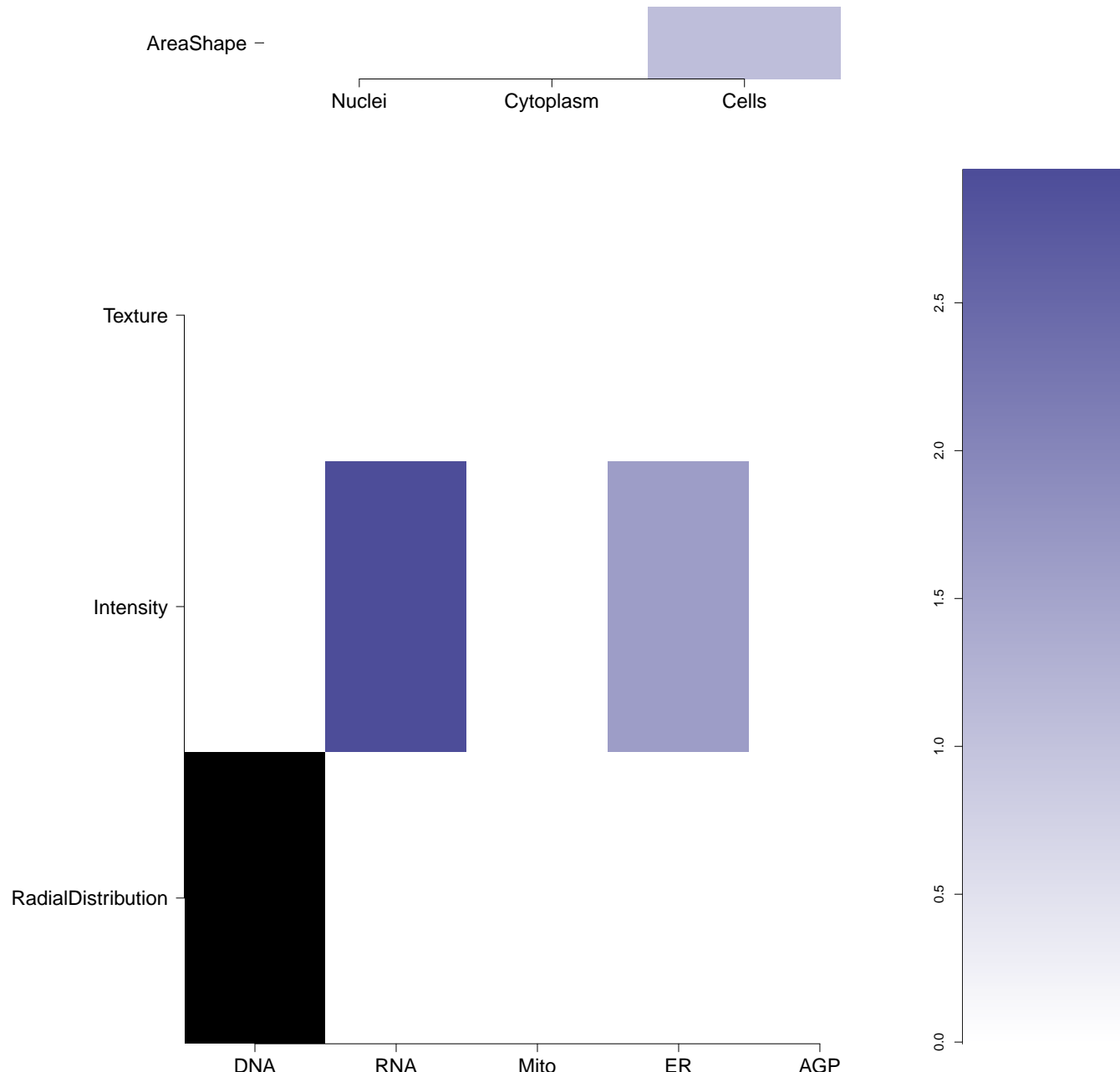
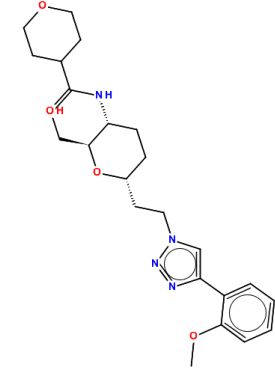


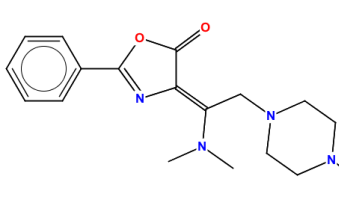
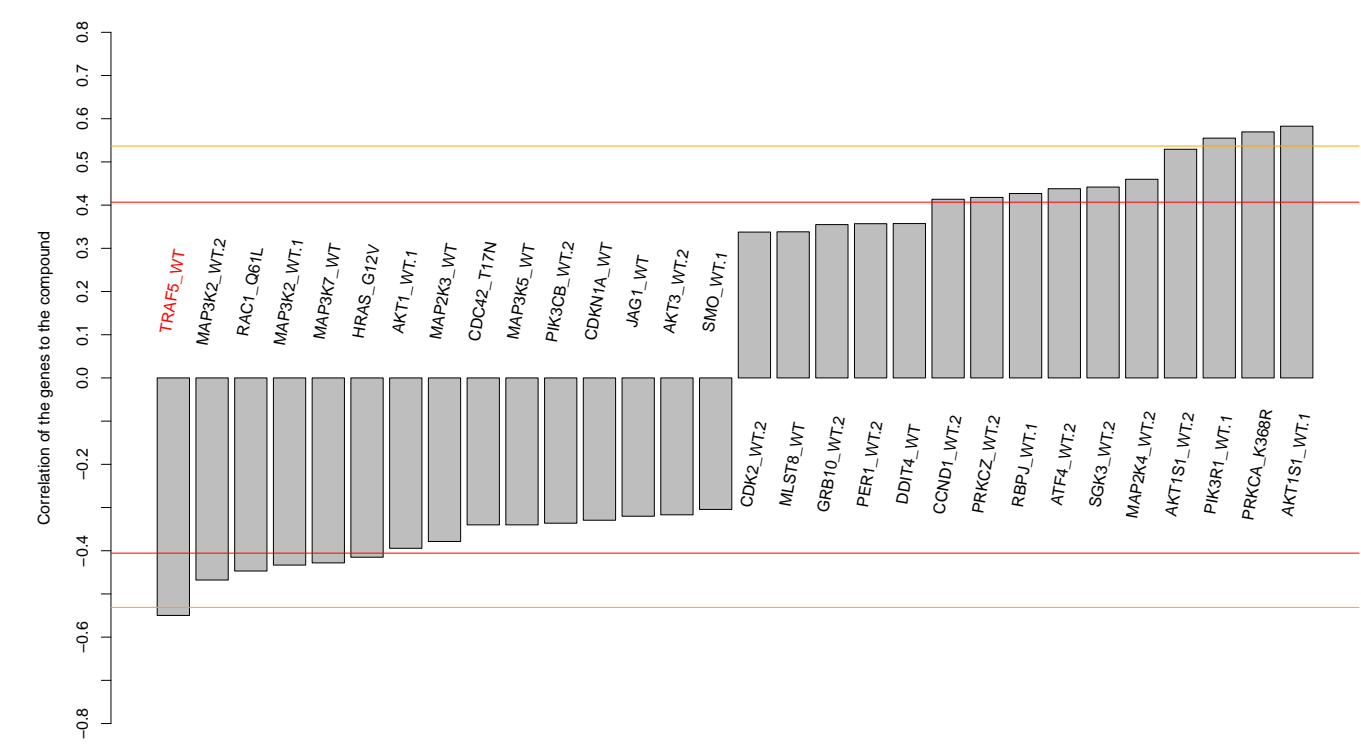
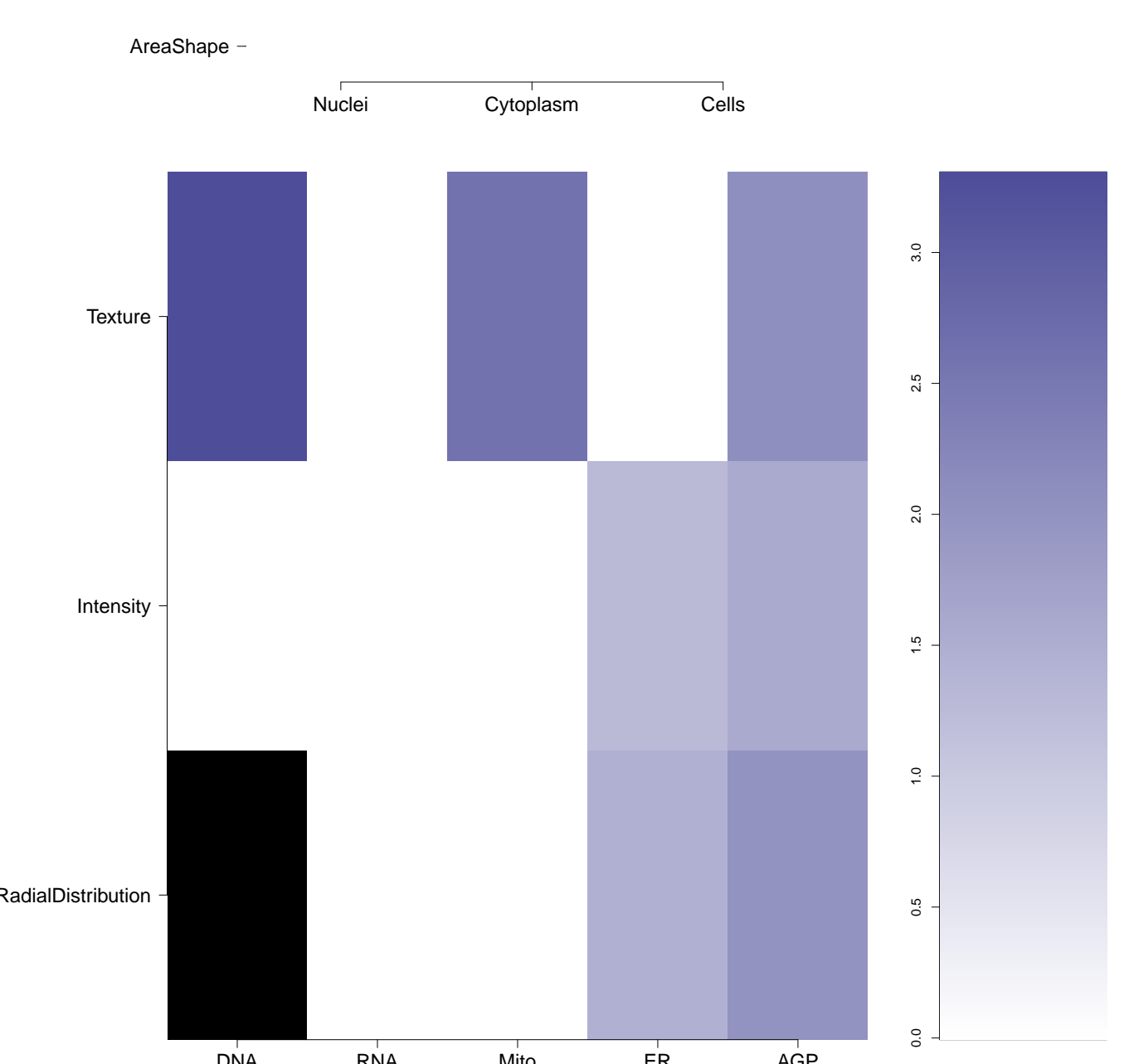

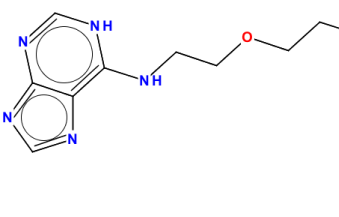
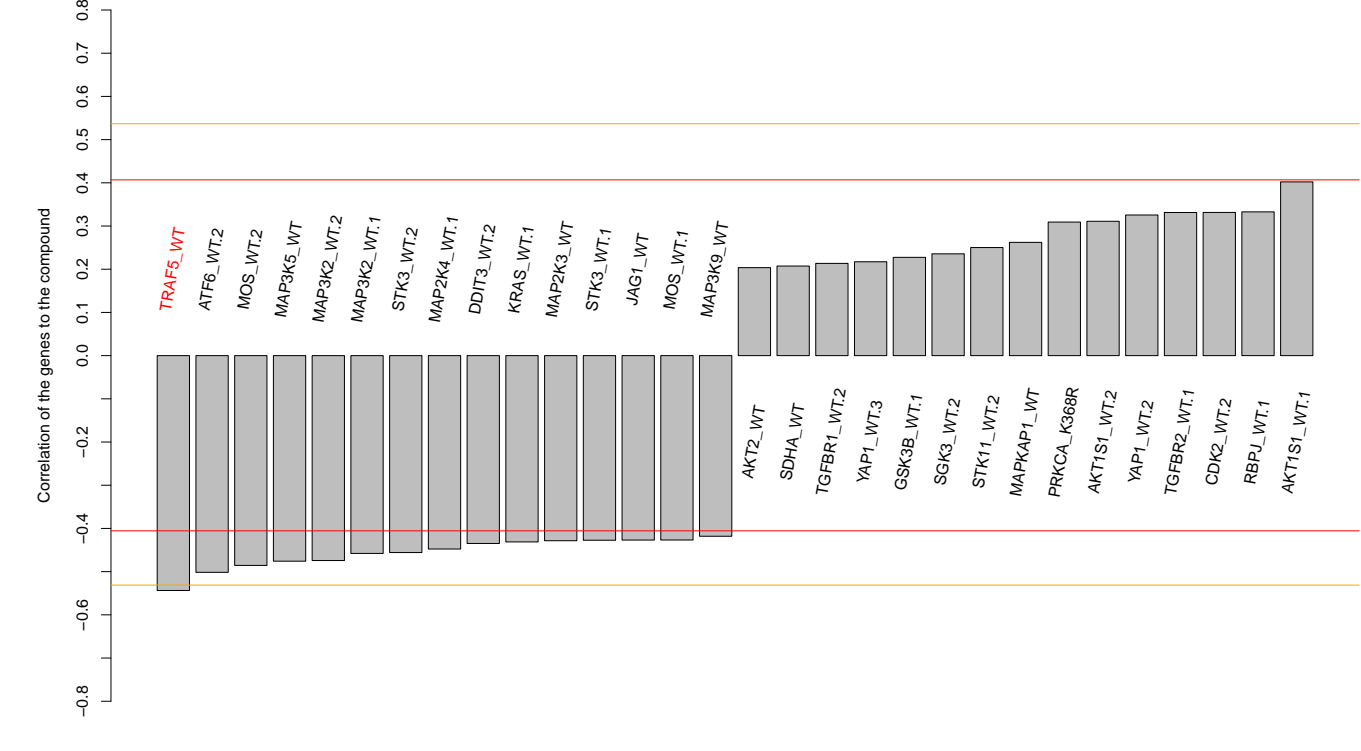
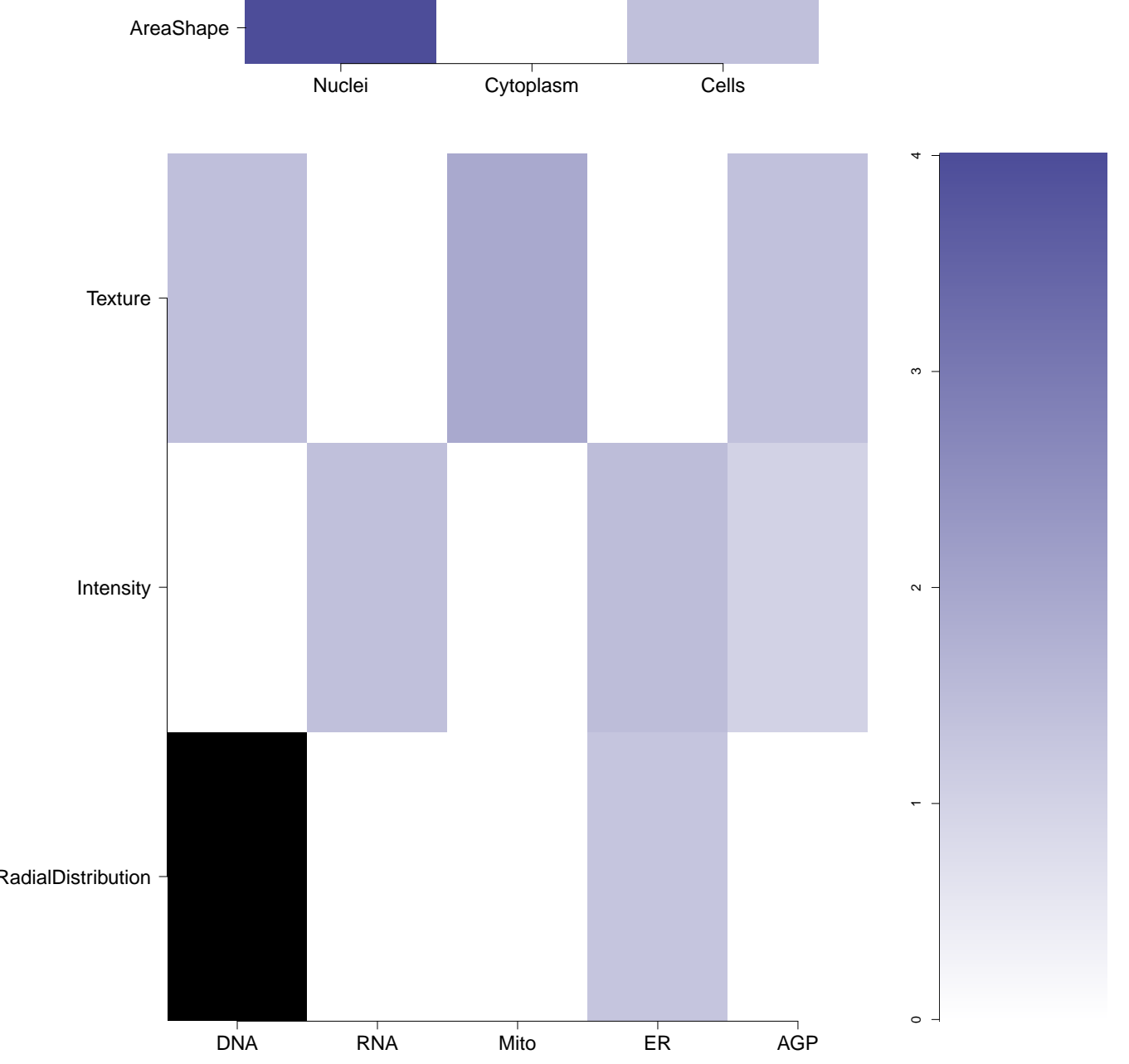
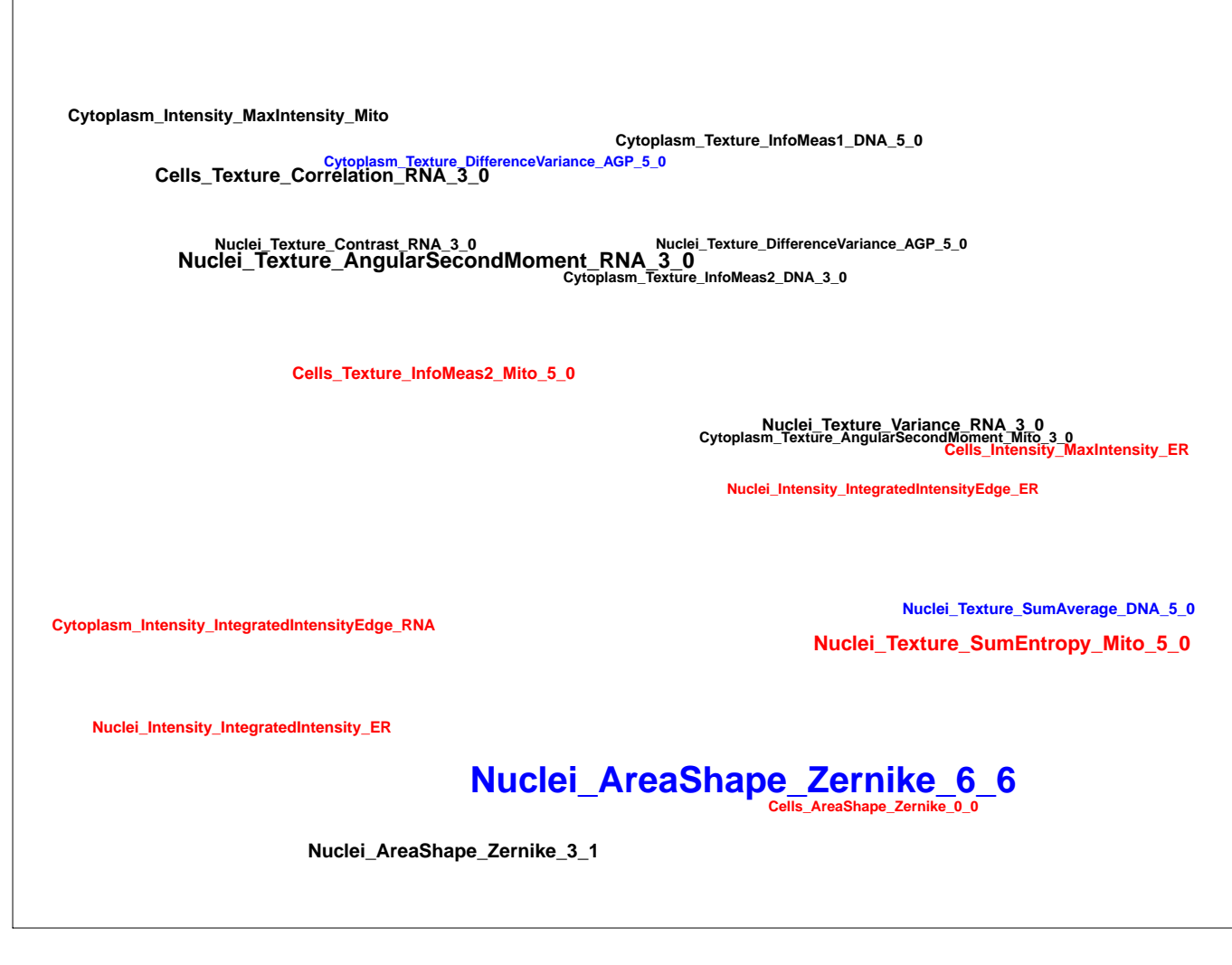
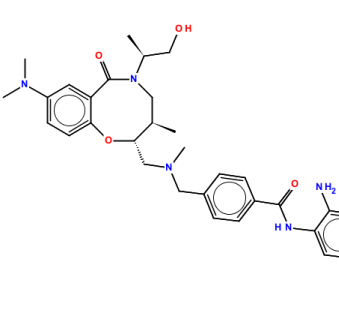
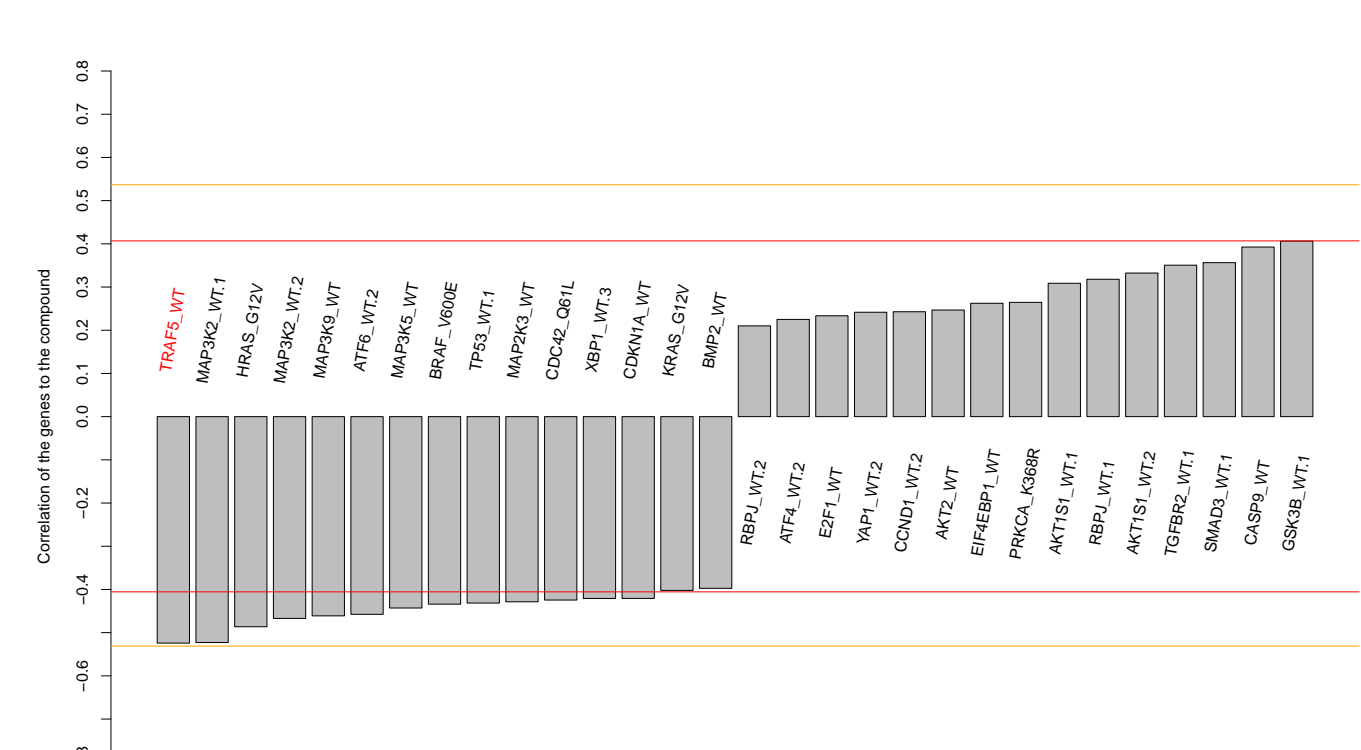
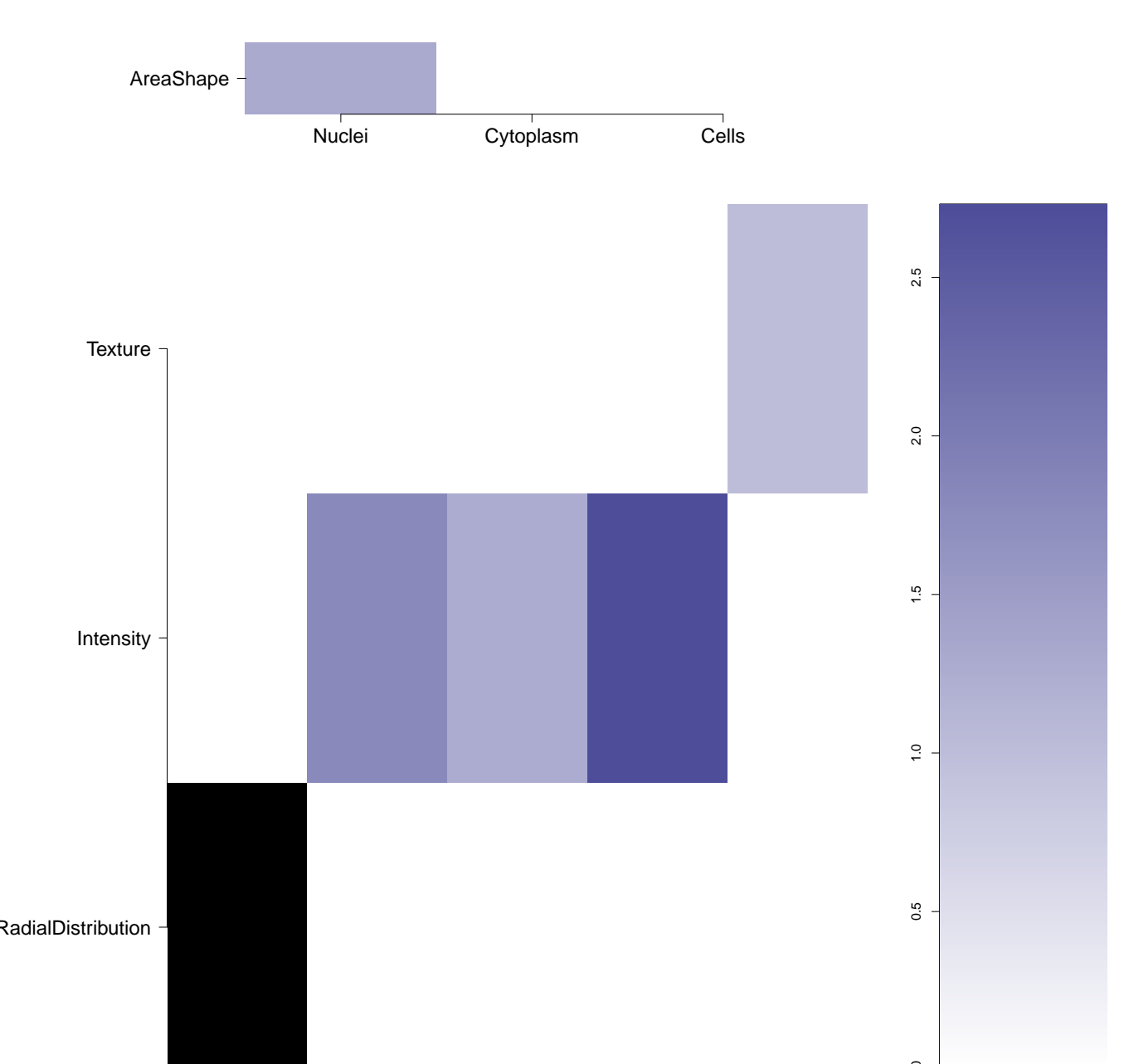

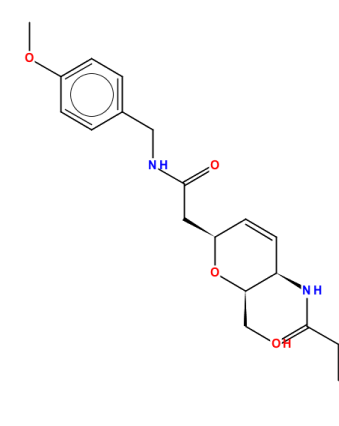
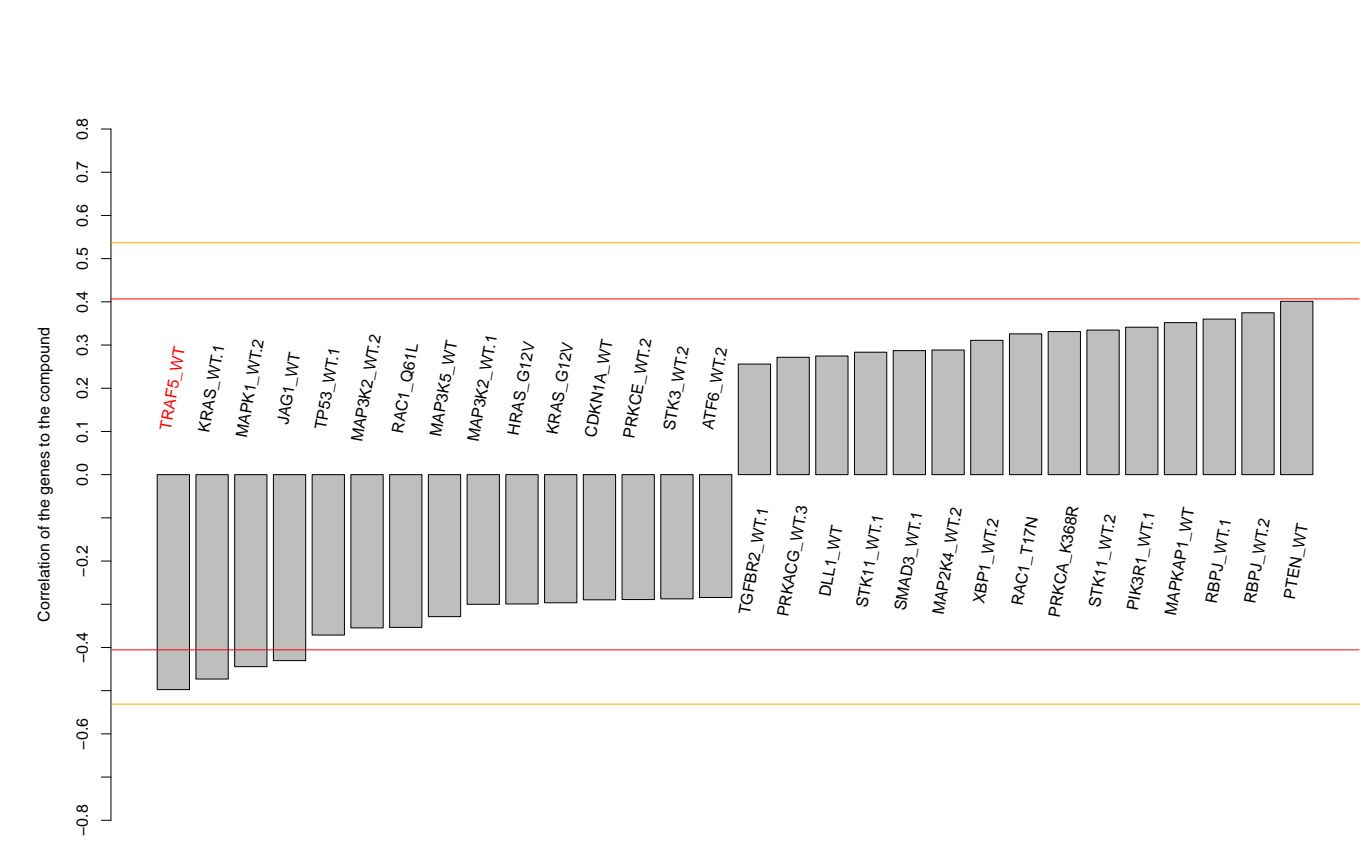
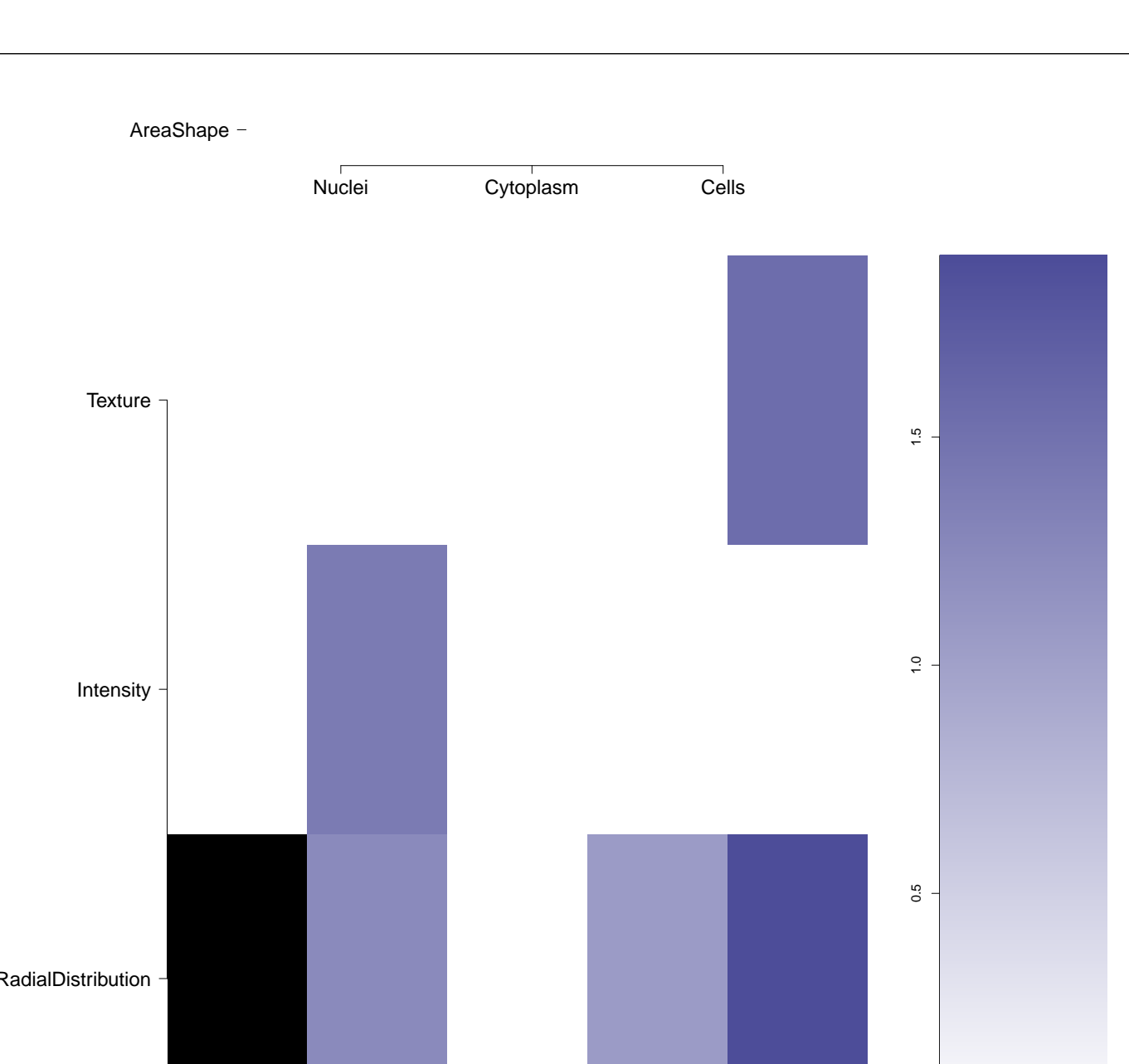

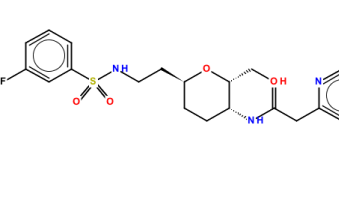
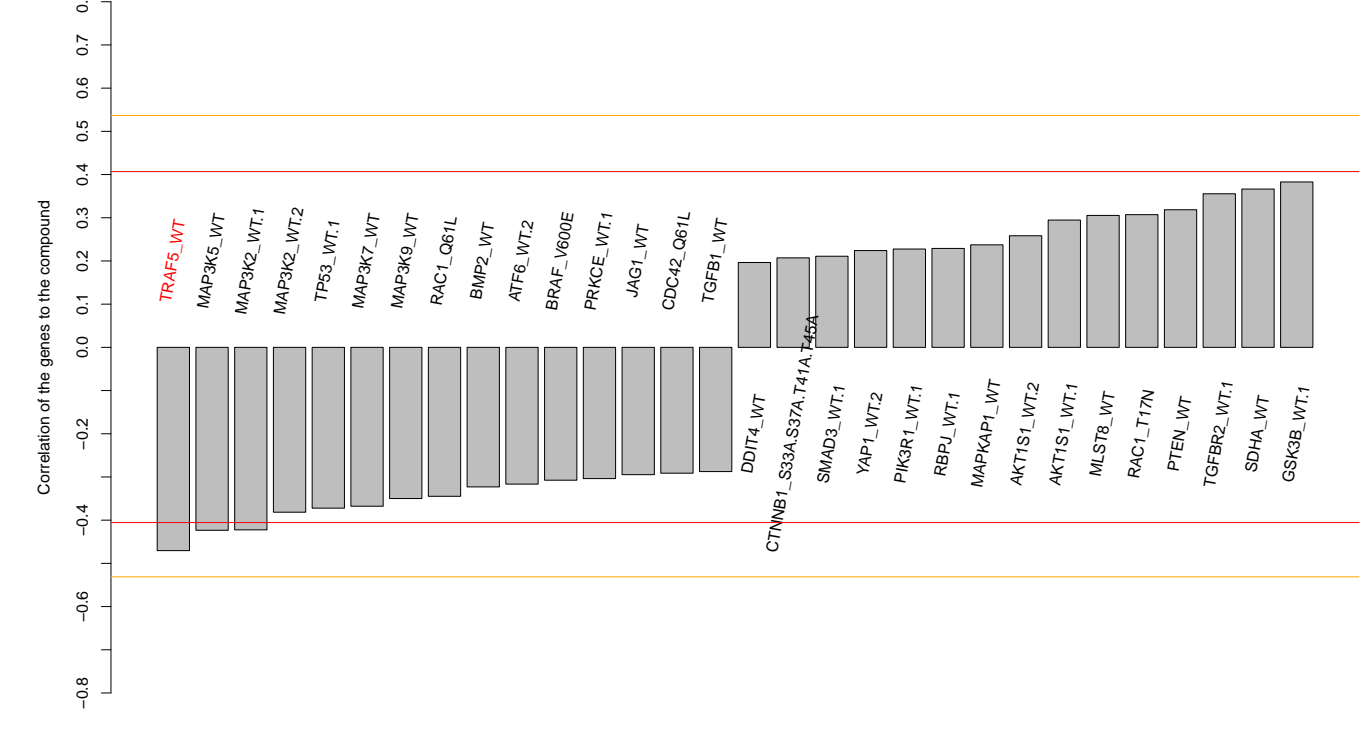
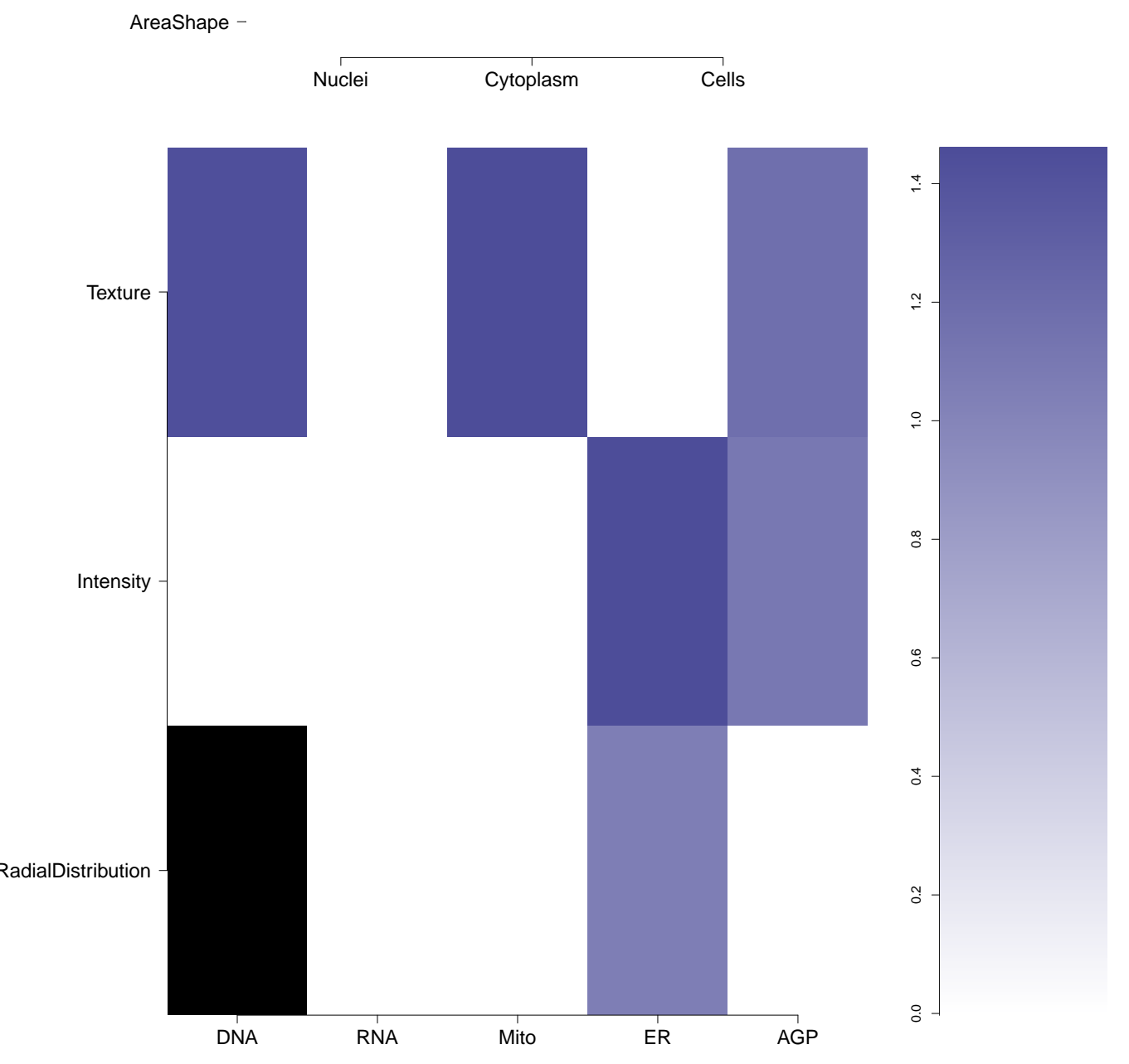
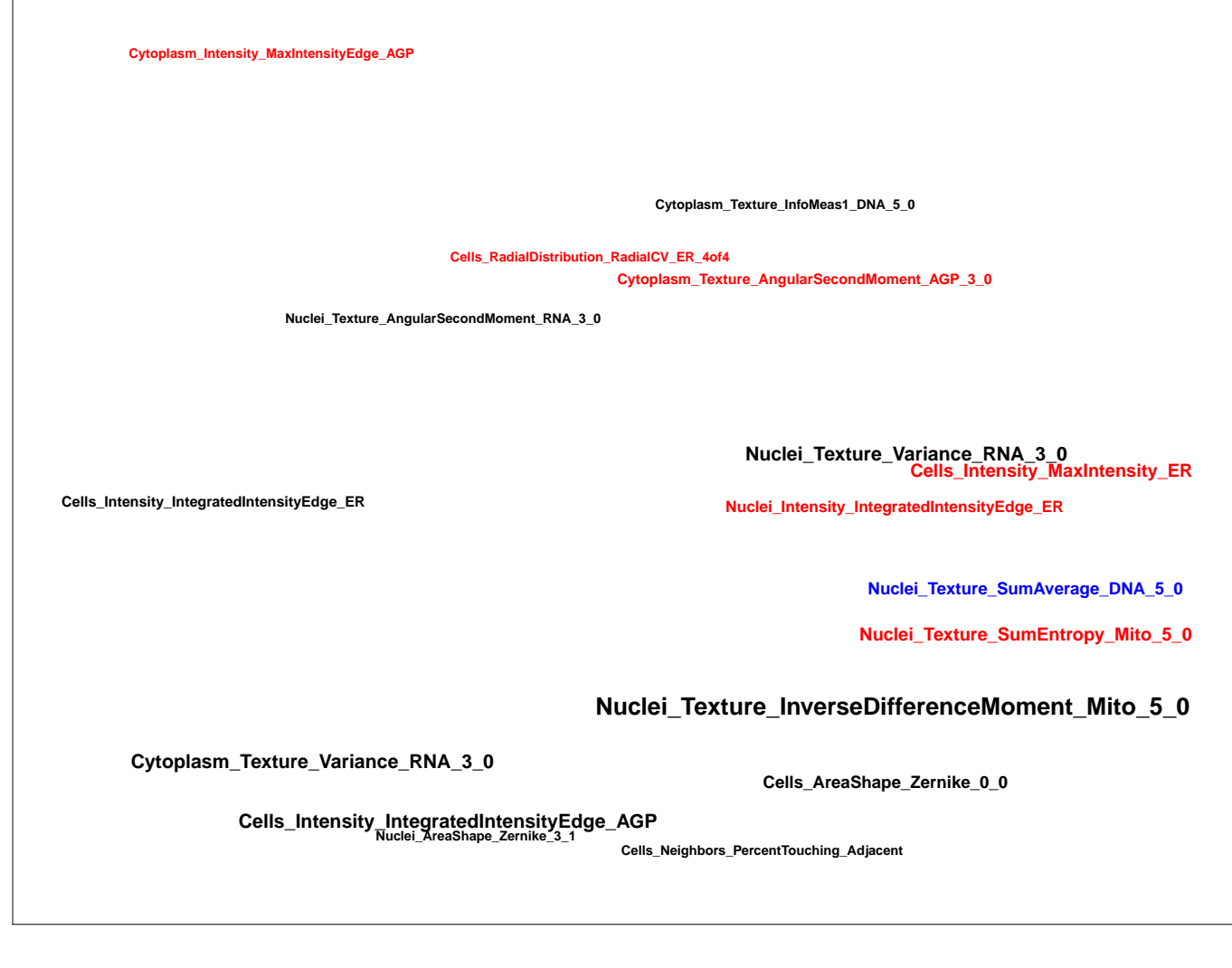
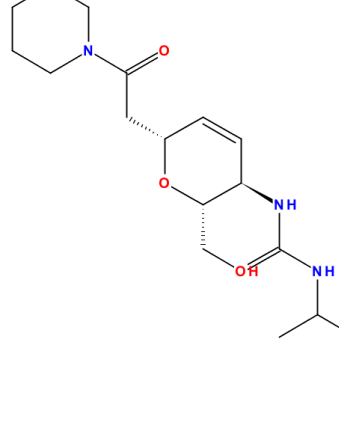
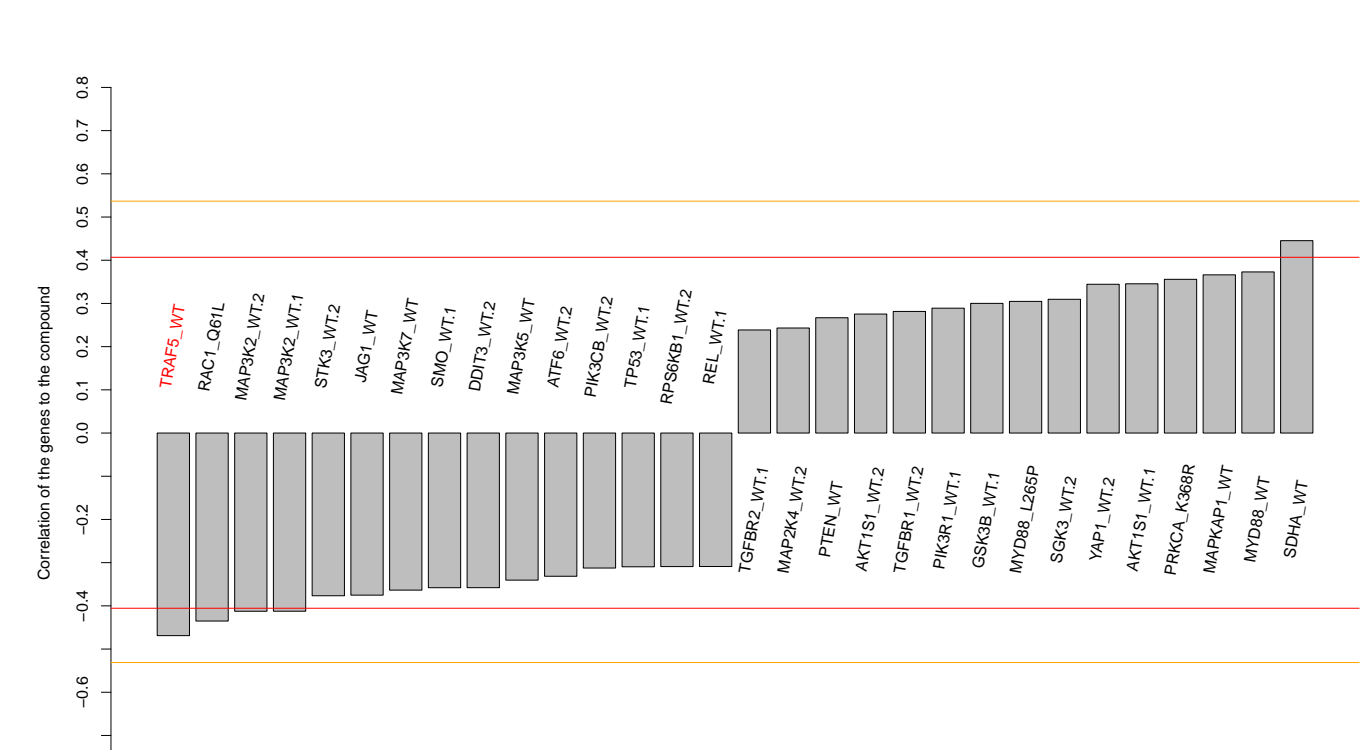
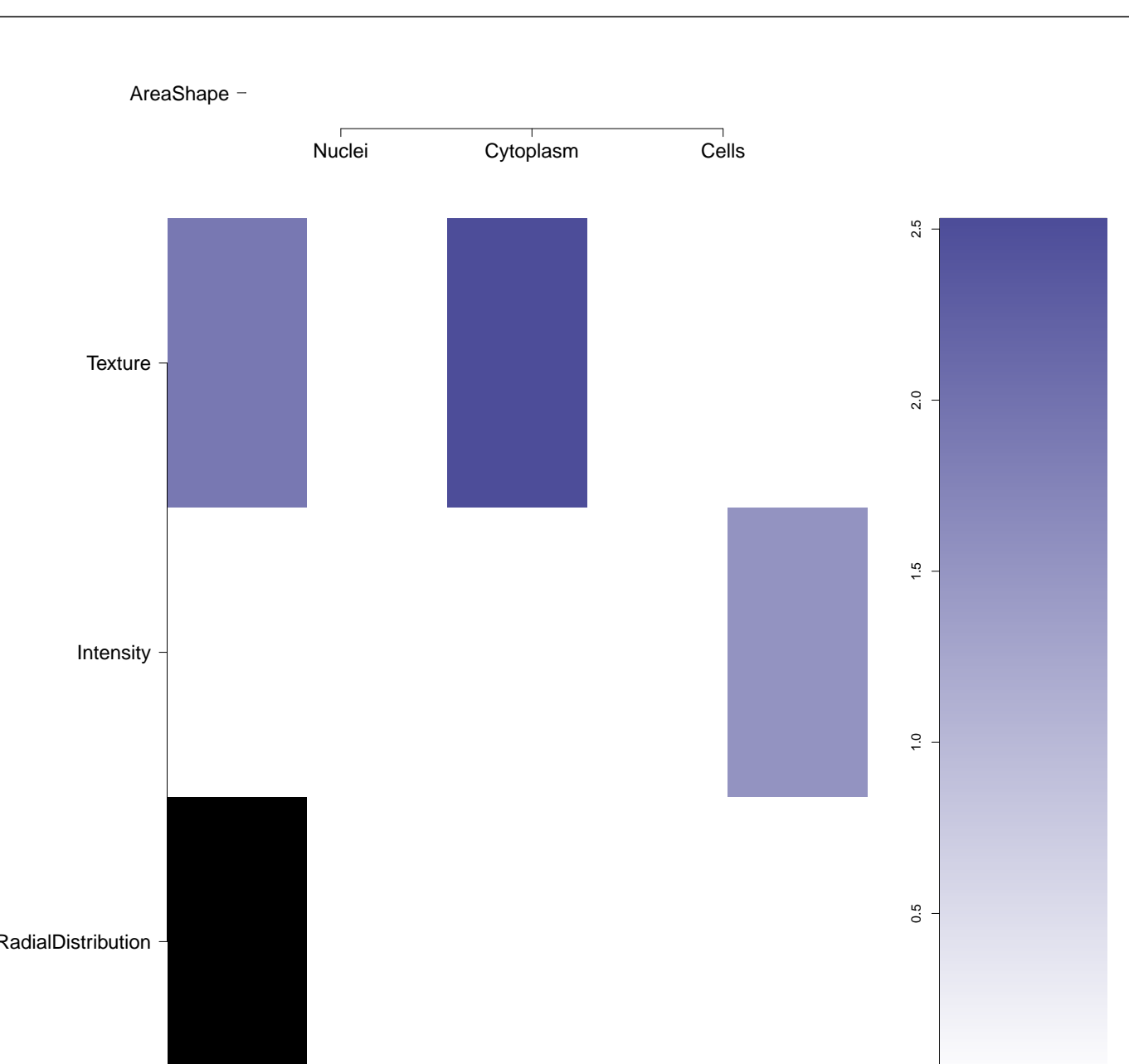
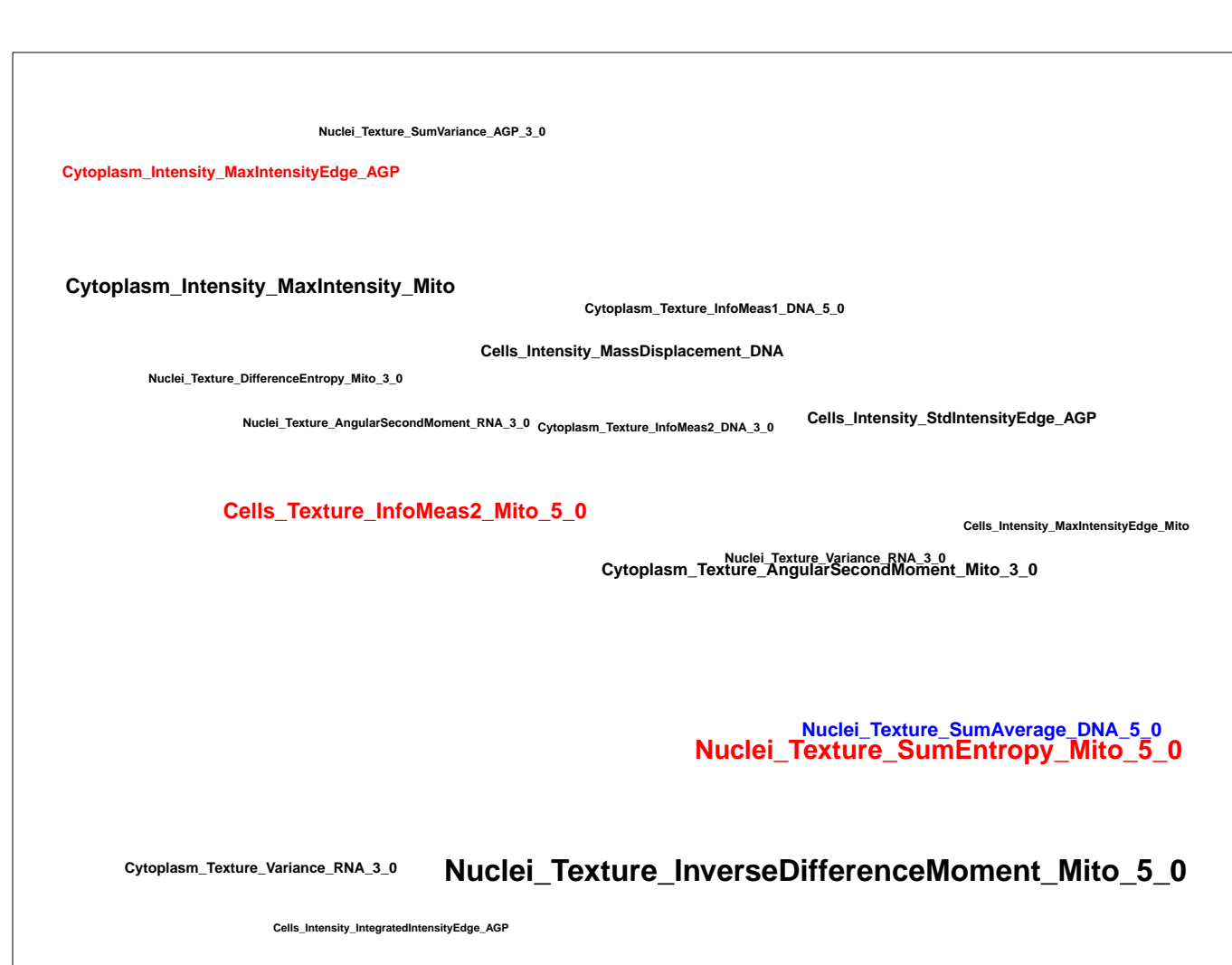
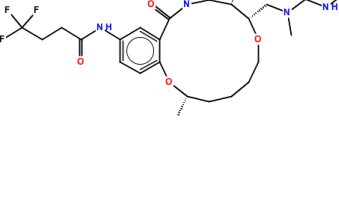
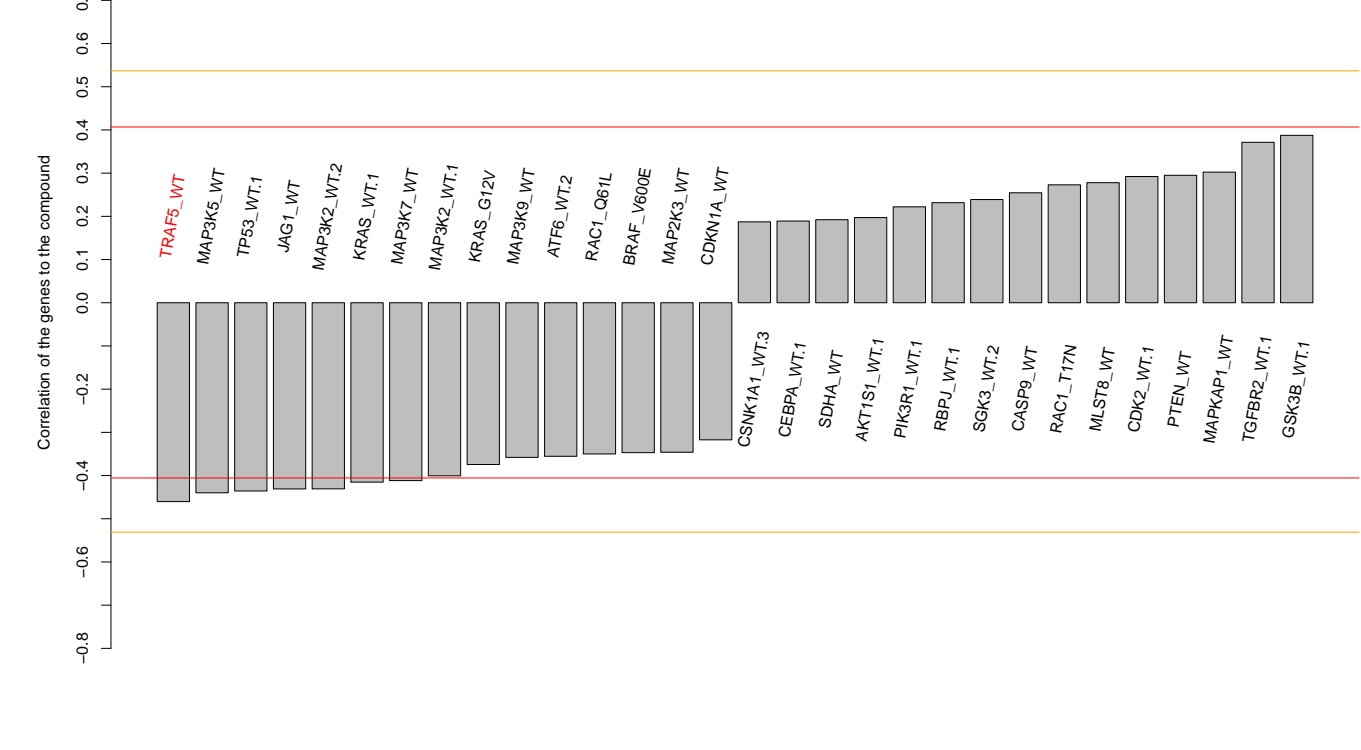
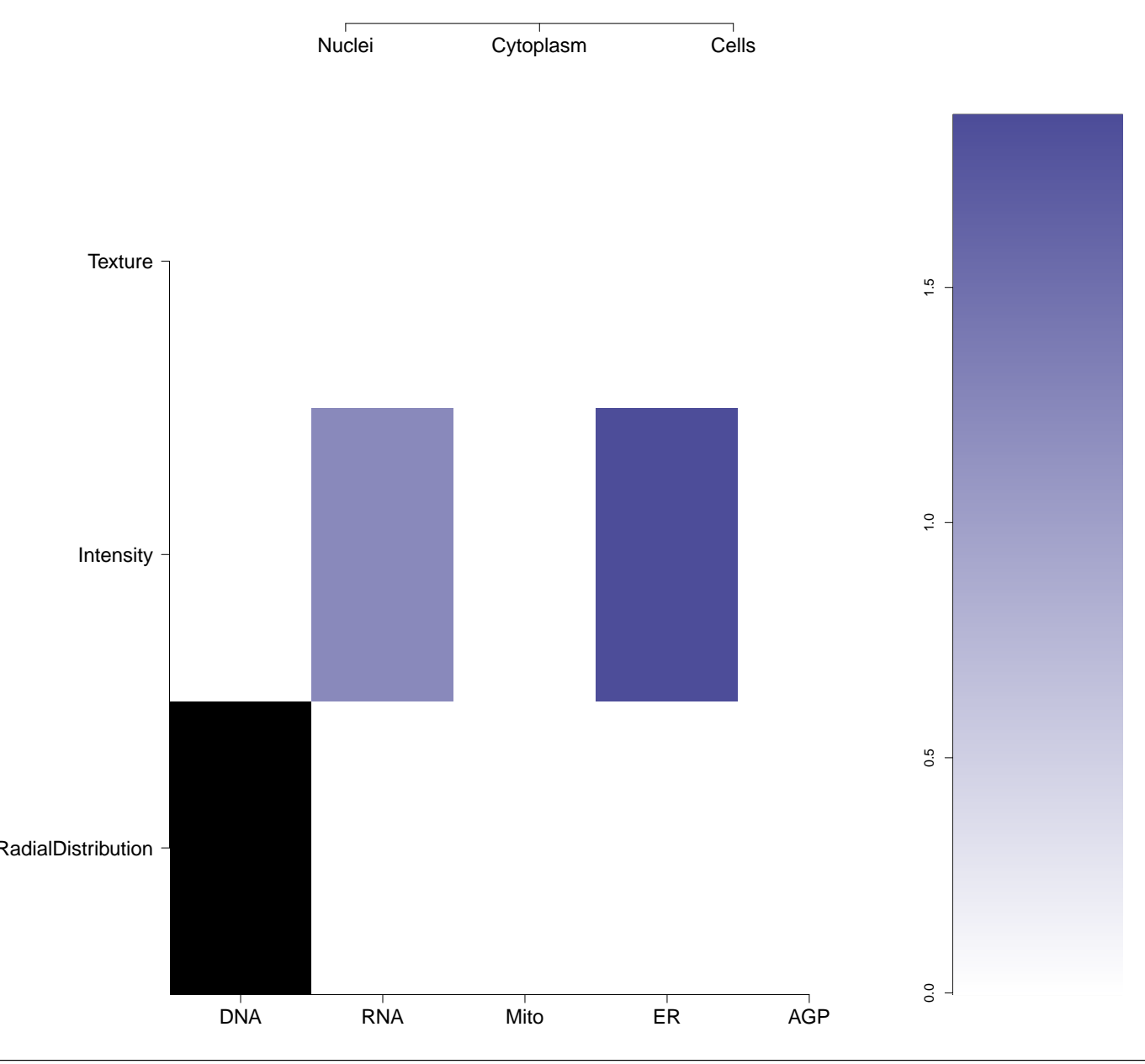
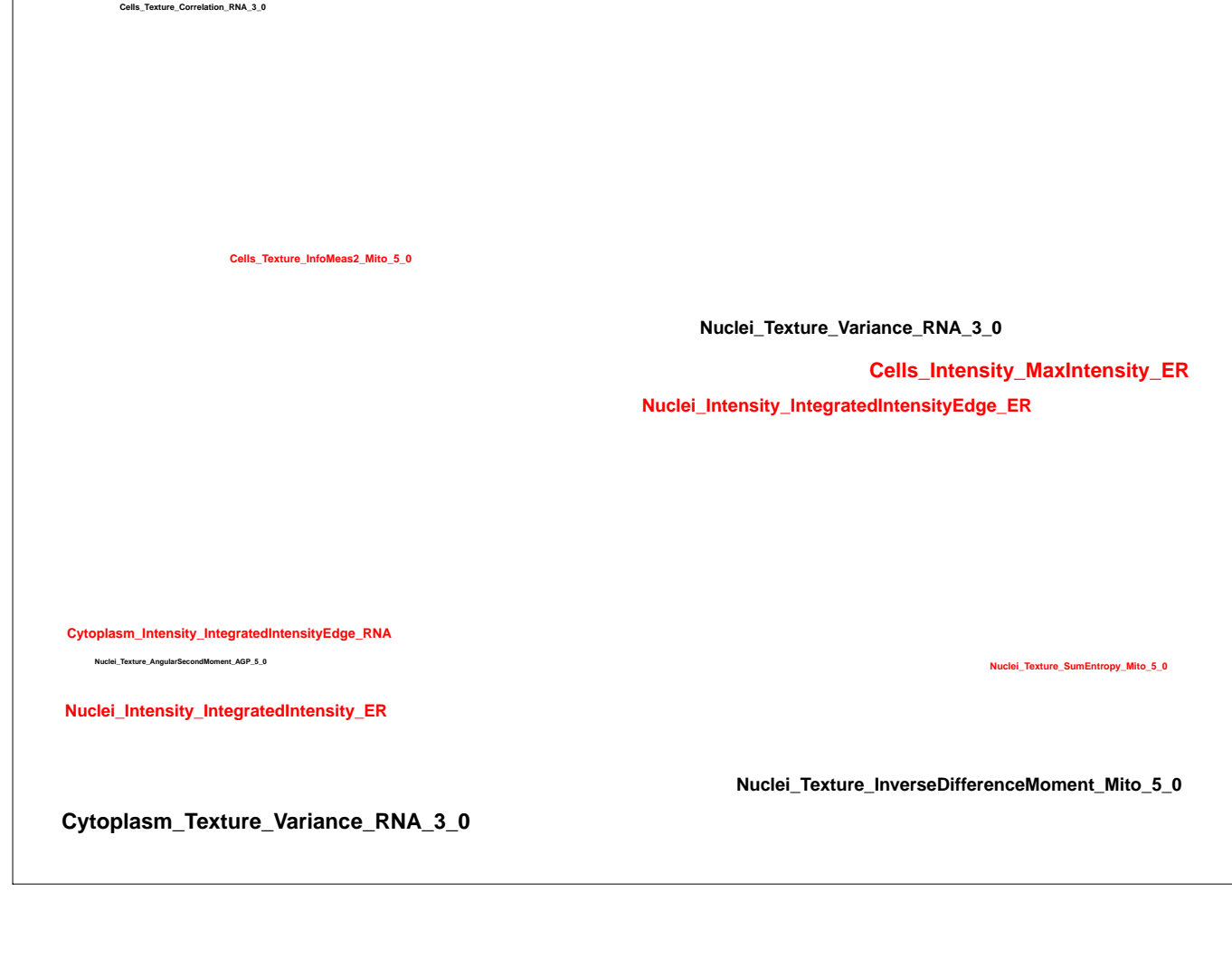
RNA



Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.52)	Correlation between compound 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-A50921700-001-05-5</p> <p>ST50843211</p> <p>AC1MG1XY</p> <p>MLS001035763</p> <p>HMS2980J20</p> <p>STK436533</p> <p>SMR000666319</p> <p>PubChem CID : 2954221</p>		<p>NA (in 1 replicates)</p>	<p>0.75</p>	<p>NA</p>				<p>Total number of assays tested in: 491. Active in the following assays:</p> <ul style="list-style-type: none"> • qHTS Luminescent assay for identification of activators of human intestinal alkaline phosphatase (AID 2524) • qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551)
<p>BRD-K33956641-001-01-2</p> <p>PubChem CID : 44493611</p>		<p>0.89 (in 4 replicates)</p>	<p>0.66</p>	<p>0.723</p>				<p>Total number of assays tested in: 46.</p>
<p>BRD-K70875408-001-01-1</p> <p>PubChem CID : 54654159</p>		<p>0.66 (in 3 replicates)</p>	<p>0.64</p>	<p>0.864</p>				<p>Total number of assays tested in: 35.</p>
<p>BRD-K90126707-001-05-4</p> <p>F0643-0459</p> <p>MLS000045436</p> <p>AC1LGAHT</p> <p>HMS2383L06</p> <p>ZINC246109</p> <p>CCG-29170</p> <p>ZINC00246109</p> <p>SMR000027199</p> <p>ST50129652</p> <p>PubChem CID : 767828</p>		<p>NA (in 1 replicates)</p>	<p>0.63</p>	<p>NA</p>				<p>Total number of assays tested in: 783. Active in the following assays:</p> <ul style="list-style-type: none"> • CYP2C19 Assay (AID 778) • HTS Assay for Activators of Cytochrome P450 2A9 (AID 1024) • Multiplex HTS Assay for Inhibitors of MEK Kinase PB1 Domains, specifically MEK5 MEK Kinase3 Wildtype (AID 1529)
<p>BRD-A61666925-001-09-4</p> <p>AC1MPV38</p> <p>HMS2338F17</p> <p>STK662908</p> <p>BAS 07330735</p> <p>ST4101385</p> <p>ST50283287</p> <p>PubChem CID : 2951172</p>		<p>0.72 (in 4 replicates)</p>	<p>0.62</p>	<p>NA</p>				<p>Total number of assays tested in: 691. Active in the following assays:</p> <ul style="list-style-type: none"> • qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) • Primary screen for compounds that activate Insulin promoter activity in TRM-6 cells (AID 1296) • Luminescence Microorganism Primary HTS to Identify Inhibitors of the SUMOylation Pathway Using a Temperature Sensitive Growth Reversal Mutant Mot1-301 (AID 2716) • qHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190) • Luminescence Whole-Organism Dose Retest to Confirm Inhibitors of the SUMOylation Pathway Using a Temperature Sensitive Growth Reversal Mutant Mot1-301 (AID 463204) • Single concentration confirmation of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463213) • qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxisome (AID 48364) • Dose Response confirmation of qHTS small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 493003) • In vivo-based yeast HTS to detect compounds rescuing yeast growth/survival of Plasmodium Falciparum HSP40-mediated toxicity Measured in Whole Organism System Using Plate Reader - 2120-01.Inhibitor.SinglePoint.HTS.Activity (AID 504582) • Anti-Malarial Hsp90 Inhibitors Measured in Microorganism System Using Plate Reader - 2121-01.Inhibitor.Dose.CherryPick.Activity (AID 504621) • Anti-Malarial Hsp90 Inhibitors Measured in Microorganism System Using Plate Reader - 2121-02.Inhibitor.Dose.CherryPick.Activity (AID 540268) • HsHsp90 Counterscreen Measured in Microorganism System Using Plate Reader - 2121-02.Inhibitor.Dose.CherryPick.Activity (AID 540270) • qHTS Assay for Inhibitors of the HIV-1 protein Vpr (AID 651644) • Primary biochemical fluorescence polarization-based high throughput screening assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 652257)
<p>BRD-K32893898-001-01-8</p> <p>PubChem CID : 54619089</p>		<p>0.86 (in 4 replicates)</p>	<p>0.62</p>	<p>0.054</p>				<p>Total number of assays tested in: 39.</p>

BRD-K20433775-001-01-5 PubChem CID : 54657676		0.91 (in 4 replicates)	0.60	0.591				Total number of assays tested in: 39.
BRD-K69565703-001-02-1 MLS003129137 SMR001833583 PubChem CID : 44505995		0.68 (in 2 replicates)	0.60	0.591				Total number of assays tested in: 227.
BRD-K76931353-001-01-1 PubChem CID : 54649228		0.60 (in 2 replicates)	0.60	0.265				Total number of assays tested in: 38.
BRD-K9849639-001-01-2 PubChem CID : 44619018		0.78 (in 4 replicates)	0.59	0.648				Total number of assays tested in: 23.
BRD-K90201499-001-01-6 PubChem CID : 54641127		NA (in 1 replicates)	-0.65	NA				Total number of assays tested in: 37.
BRD-K84625203-001-01-1 PubChem CID : 54646078		NA (in 1 replicates)	-0.62	0.651				Total number of assays tested in: 40.
BRD-K55011281-001-01-4 PubChem CID : 54641249		NA (in 1 replicates)	-0.61	NA				Total number of assays tested in: 37.

BRD-K64231918-001-05-9 MS-3063 MLS000327824 AC1NXO4W HMS2444N09 ZINC20445571 SMR000180808 PubChem CID : 5786980		NA (in 1 replicates)	-0.55	NA				<p>Total number of assays tested in: 660. Active in the following assays:</p> <ul style="list-style-type: none"> Primary cell-based high-throughput screening assay for identification of compounds that allosterically potentiate transient receptor potential cation channel C4 (TRPC4) (AID 2227) HTS:Luminescent assay for inhibitors of ALR by detection of hydrogen peroxide production Measured in Biochemical System Using Plate Reader - 2036-02.Inhibitor.SinglePoint.HTS (AID 485317) Absorbance-based biochemical primary high throughput screening assay to identify inhibitors of Methionine sulfoxide reductase A (MsrA) (AID 651718)
BRD-K85314456-001-04-9 SMR000015971 AC1M186Z MLS000101218 HMS2250G18 ZINC2719613 STK944592 ZINC02719613 EU-0022172 ST50139407 F0578-0072 PubChem CID : 2155050		NA (in 1 replicates)	-0.54	NA				<p>Total number of assays tested in: 762. Active in the following assays:</p> <ul style="list-style-type: none"> qHTS for Inhibitors of KCHN2 3.1: Mutant qHTS (AID 720553)
BRD-K86027709-001-01-7 PubChem CID : 44506424		0.53 (in 3 replicates)	-0.52	0.988				<p>Total number of assays tested in: 51. Active in the following assays:</p> <ul style="list-style-type: none"> Luminescence Cell-Based Primary HTS to Identify Inhibitors of STK33 (AID 2330) Luminescence Cell-Based Primary HTS to identify inhibitors of the oncoprotein EWS/Flt1 transcriptional activity Measured in Cell-Based System Using Plate Reader - 7014-01.Inhibitor.SinglePoint.HTS.Activity (AID 651661) Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01.Inhibitor.Dose.CherryPick.Activity (AID 652053) Luminescence Cell-Based Primary HTS to identify inhibitors of the oncoprotein EWS/Flt1 transcriptional activity Measured in Cell-Based System Using Plate Reader - 7014-01.Inhibitor.Dose.CherryPick.Activity (AID 686920) Luminescence cell-based Retest at Dose assay to determine EWS/Flt1 dependent TC71 mammalian cell cytotoxicity Measured in Cell-Based System Using Plate Reader - 7014-04.Inhibitor.Dose.CherryPick.Activity (AID 720570) Luminescence cell-based Retest at Dose assay to determine EWS/Flt1 dependent A673 mammalian cell cytotoxicity Measured in Cell-Based System Using Plate Reader - 7014-03.Inhibitor.Dose.CherryPick.Activity (AID 720587) HEK293 Cytotoxicity Assay Measured in Cell-Based System Using Plate Reader - 7071-01.Inhibitor.Dose.CherryPick.Activity.Sa3 (AID 720588)
BRD-K57199866-001-01-8 PubChem CID : 54641065		NA (in 1 replicates)	-0.50	NA				<p>Total number of assays tested in: 38.</p>
BRD-K06907095-001-01-9 PubChem CID : 54641324		NA (in 1 replicates)	-0.47	NA				<p>Total number of assays tested in: 41.</p>
BRD-K65474083-001-01-2 PubChem CID : 54641320		NA (in 1 replicates)	-0.47	NA				<p>Total number of assays tested in: 38.</p>
BRD-K02248910-001-01-5 PubChem CID : 44490368		0.64 (in 4 replicates)	-0.46	NA				<p>Total number of assays tested in: 43.</p>