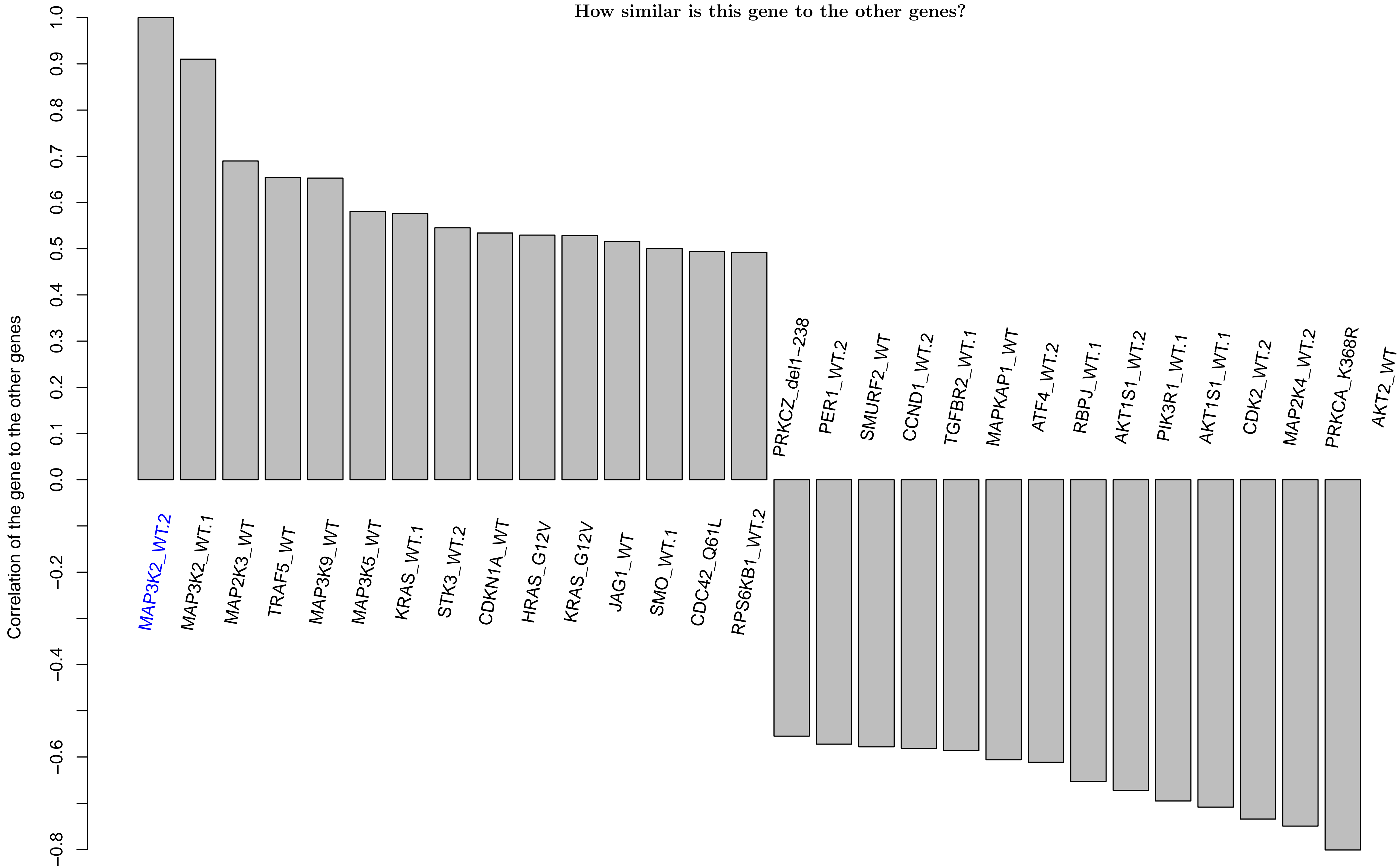
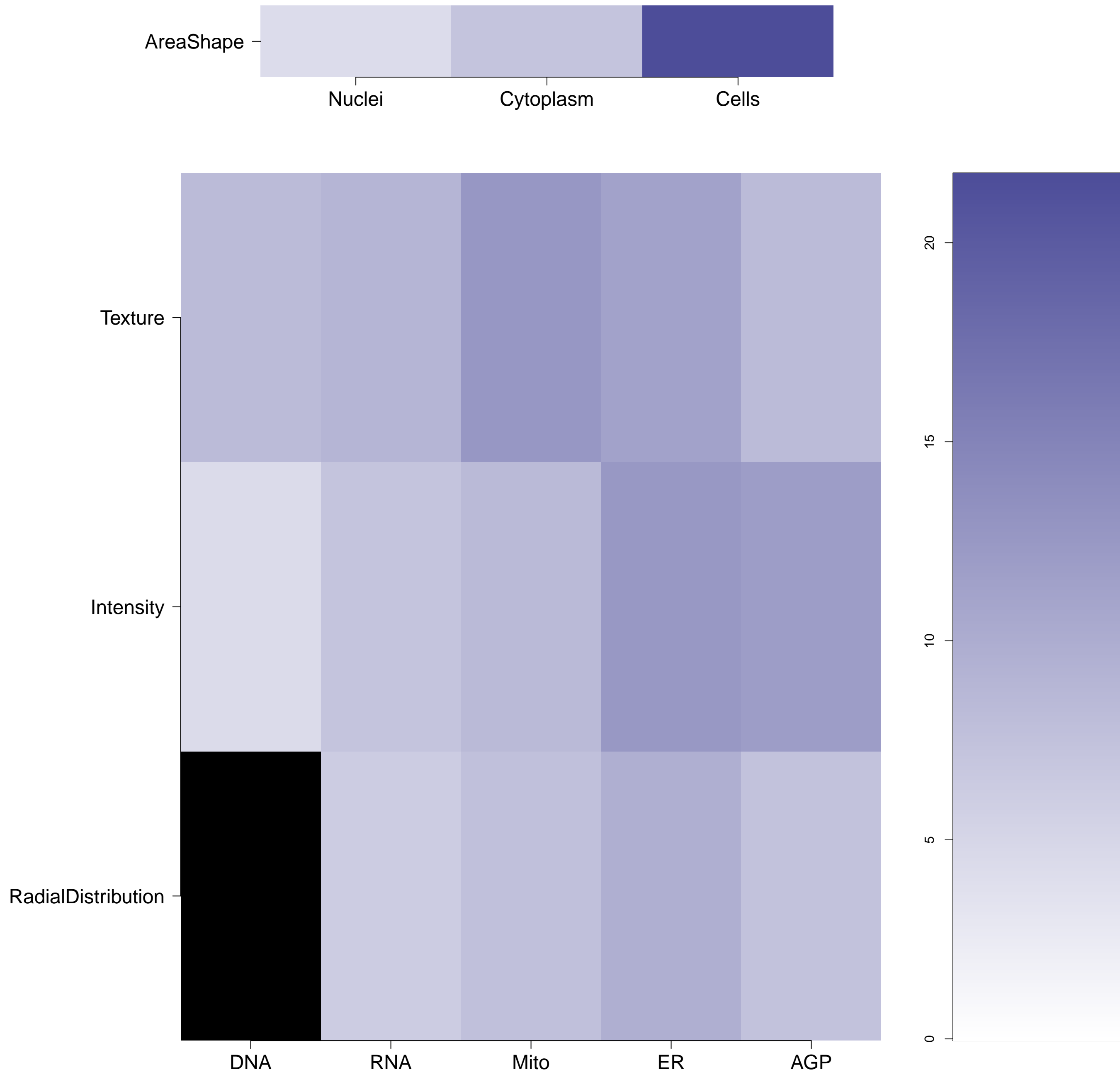


MAP3K2.WT.2 - in Canonical MAPK

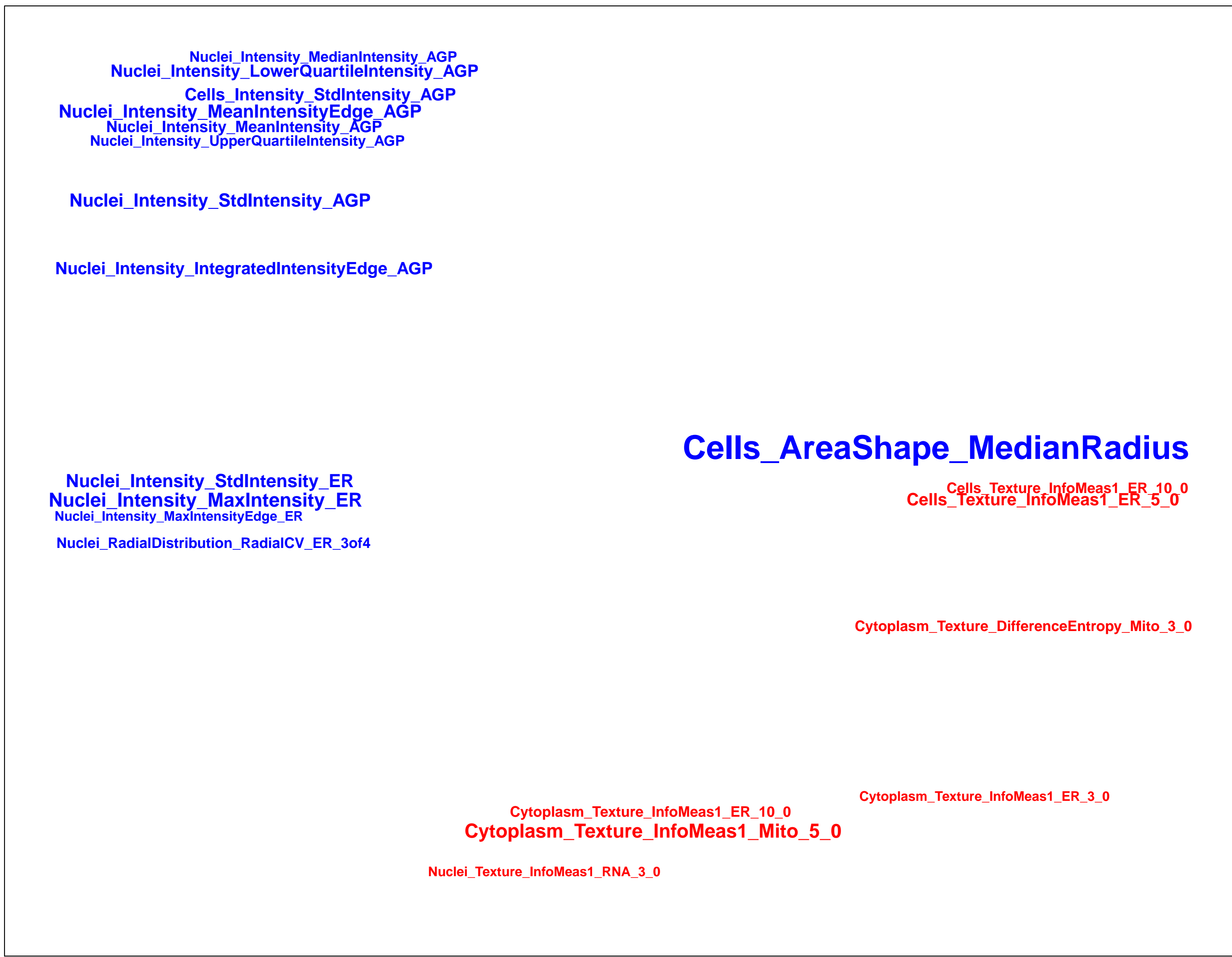
How similar is this gene to the other genes?



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

MAP3K2.WT.2 (41744)

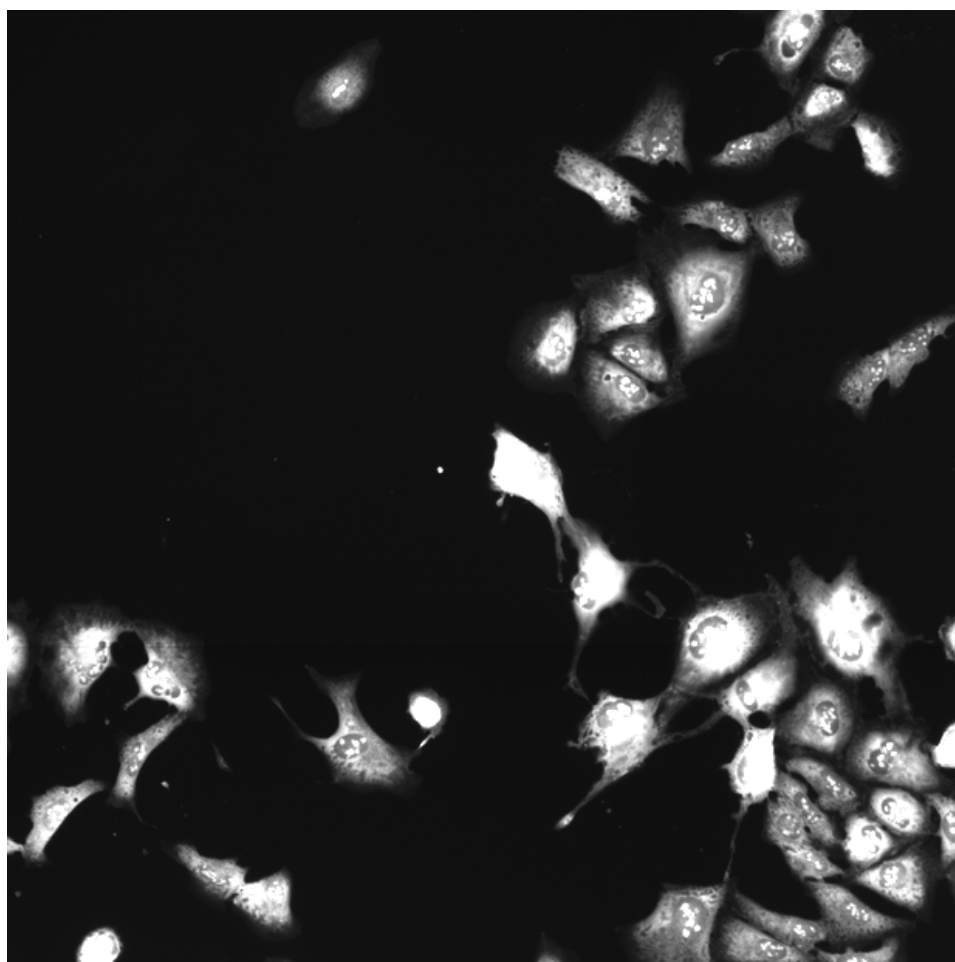
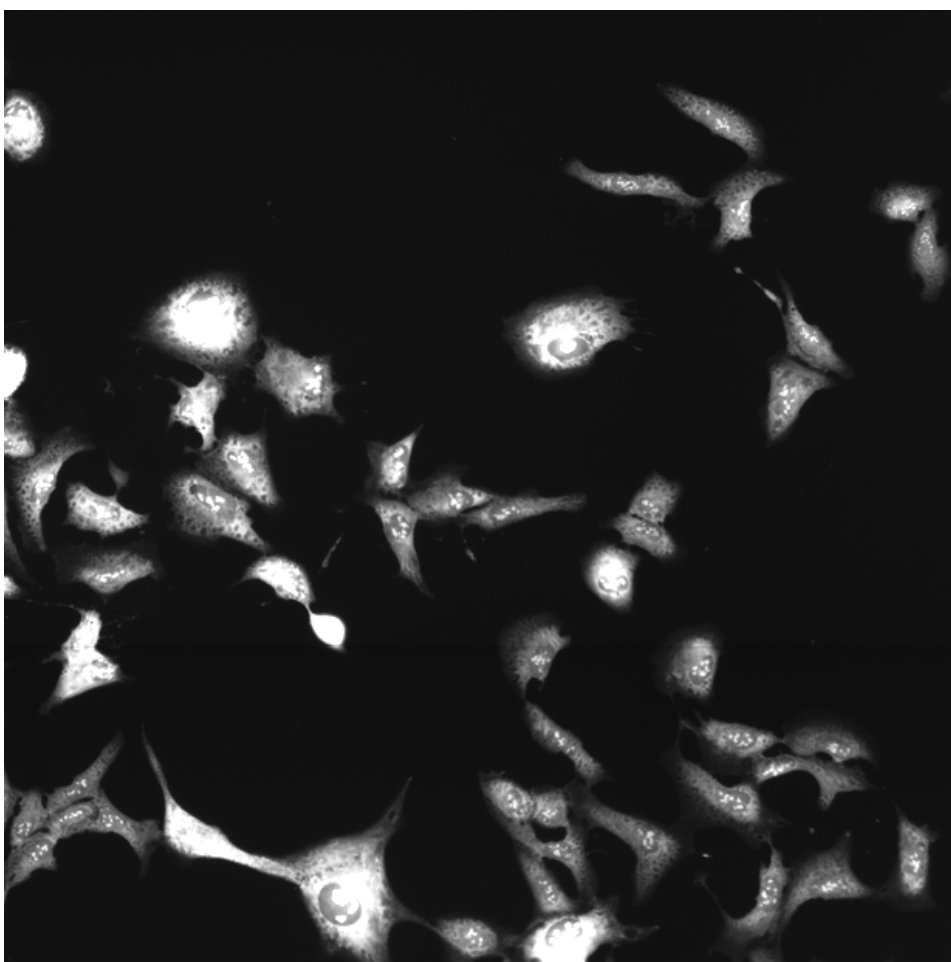
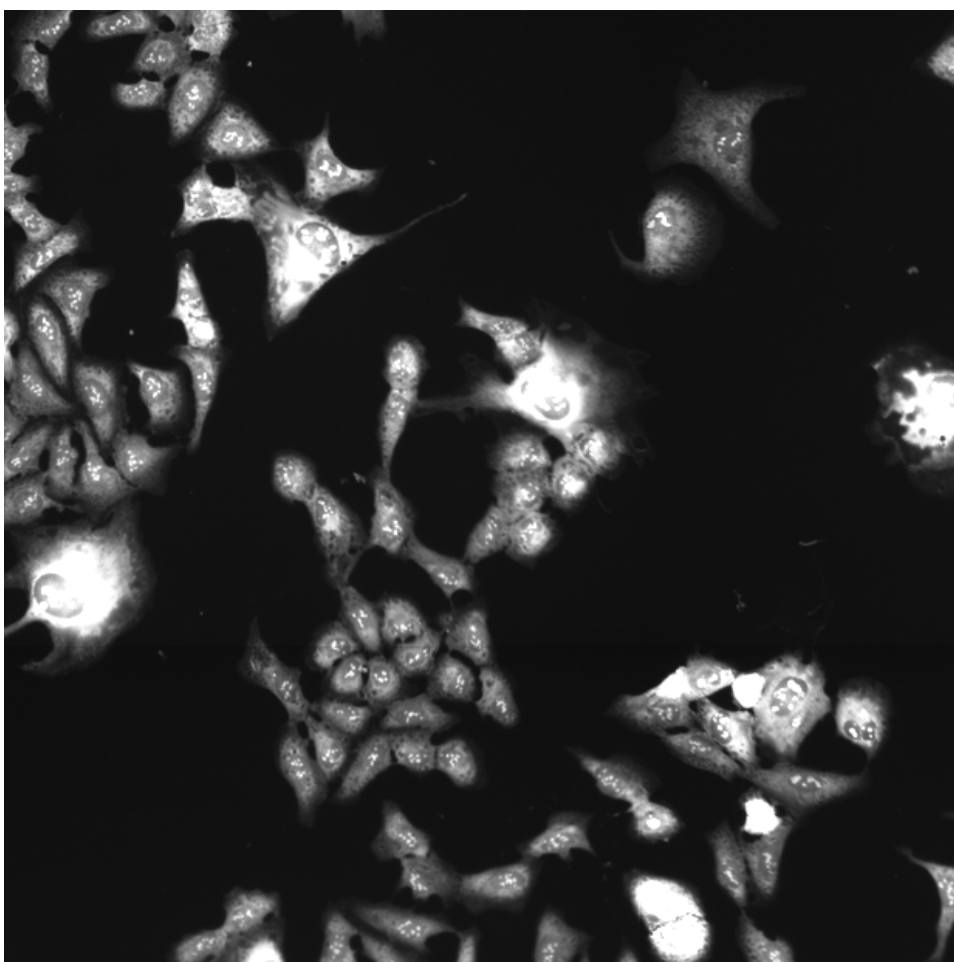
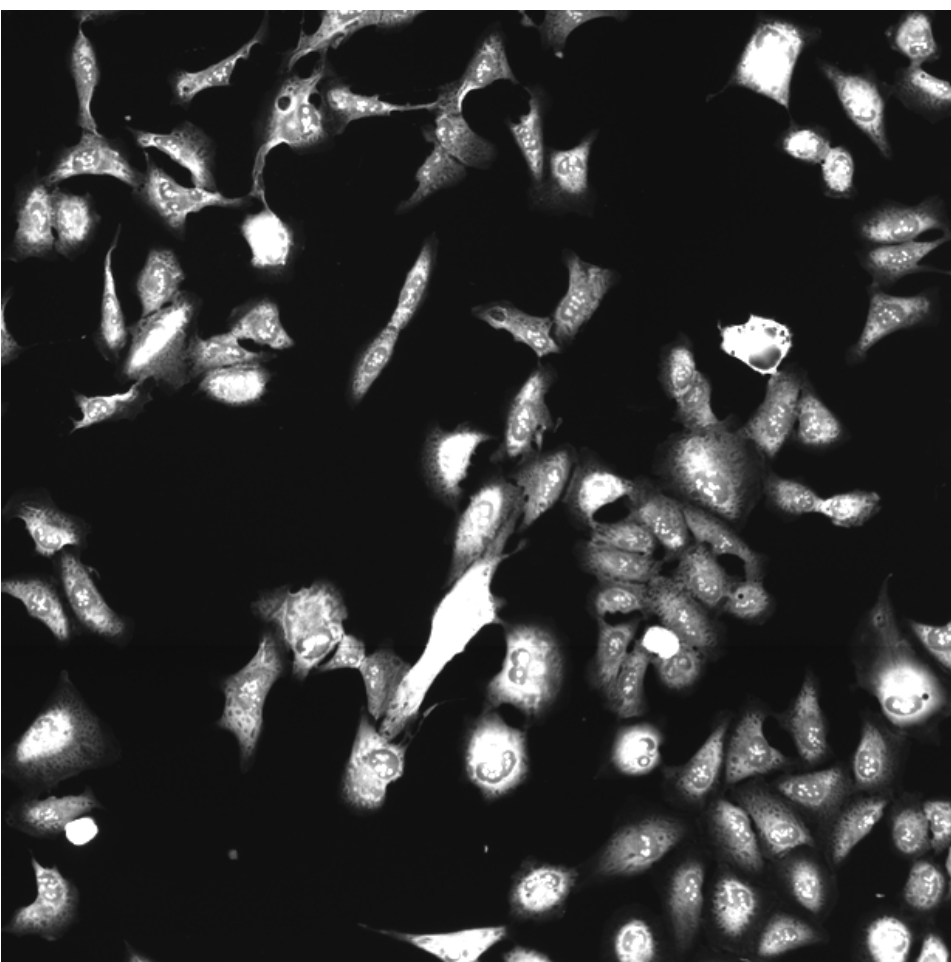
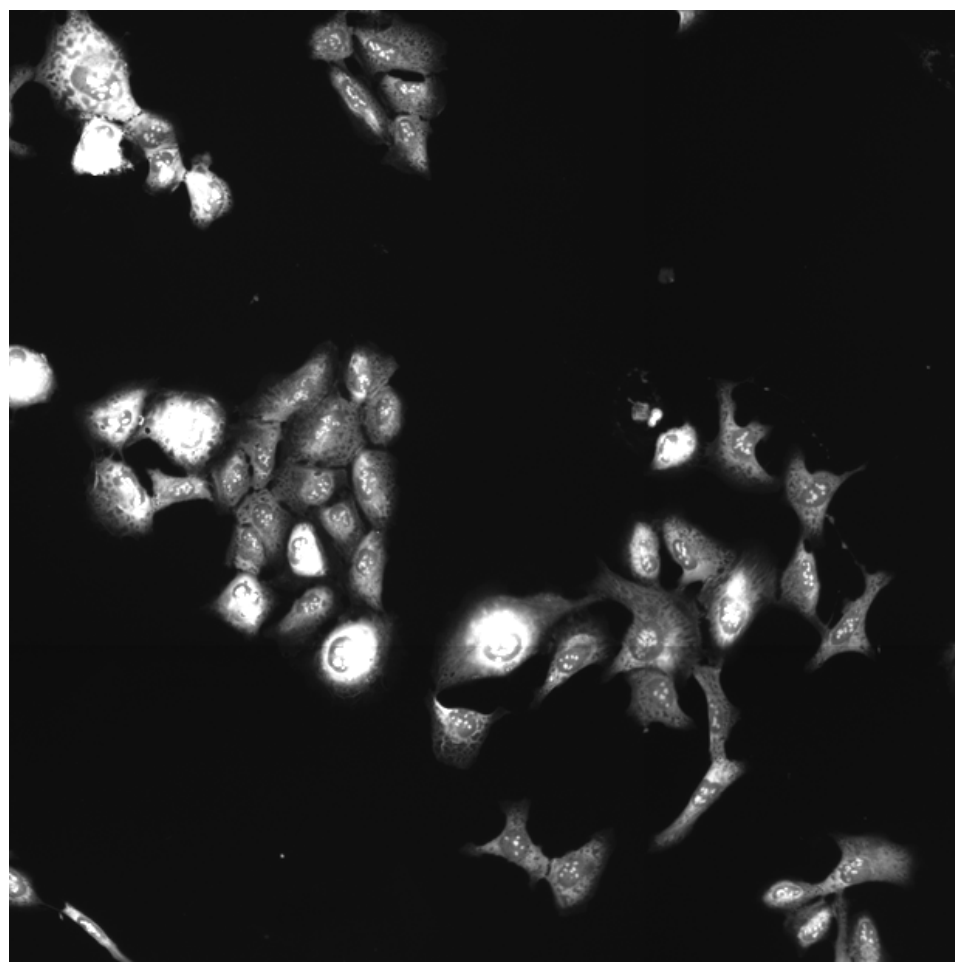
MAP3K2.WT.2 (41755)

MAP3K2.WT.2 (41756)

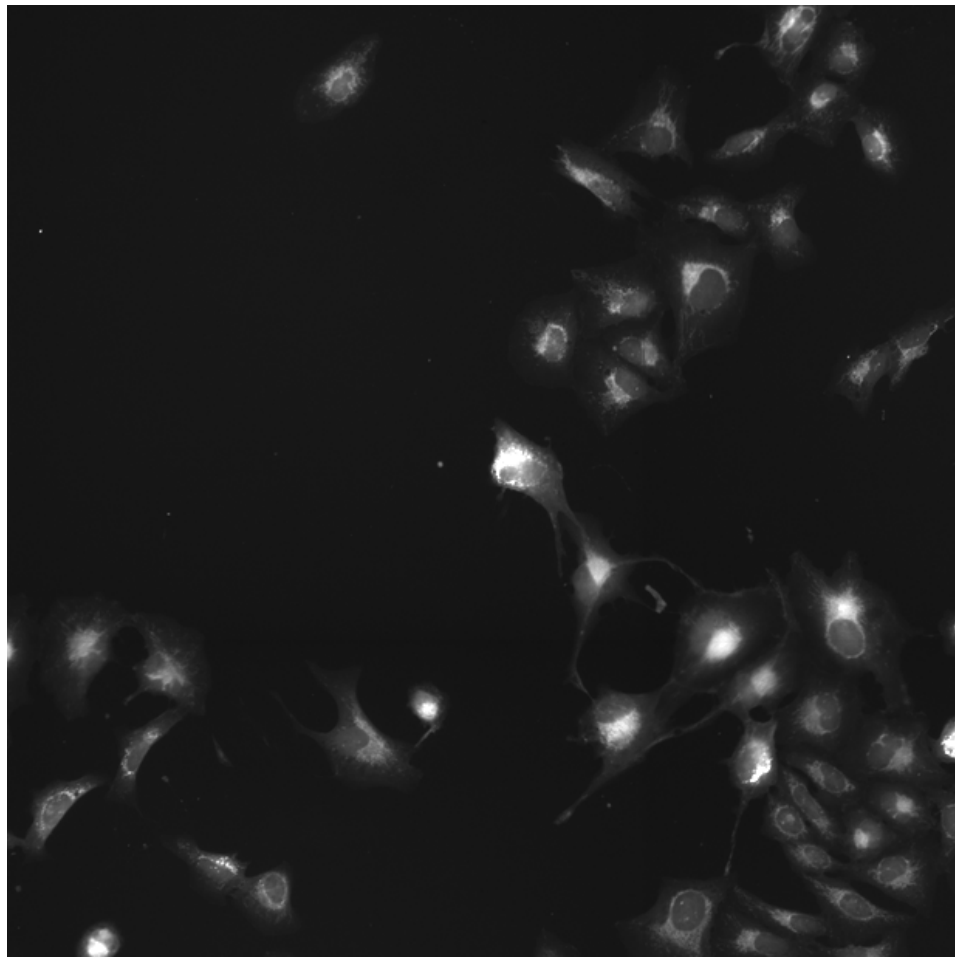
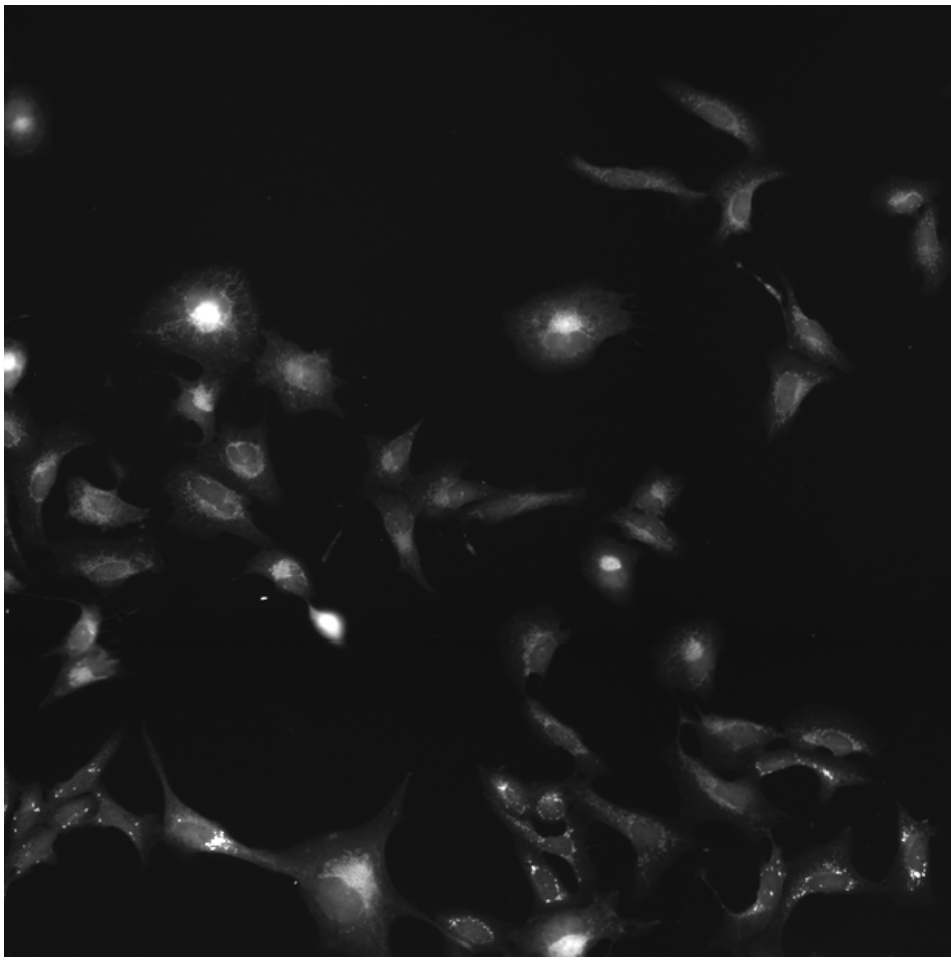
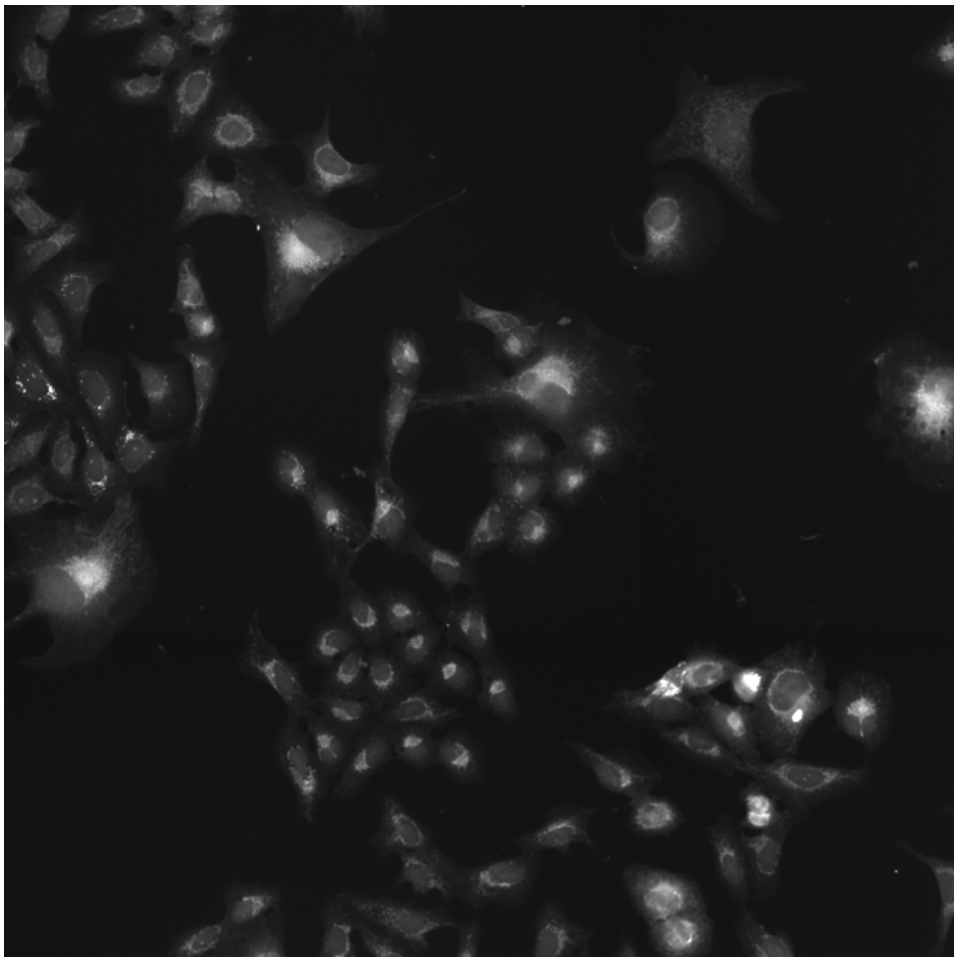
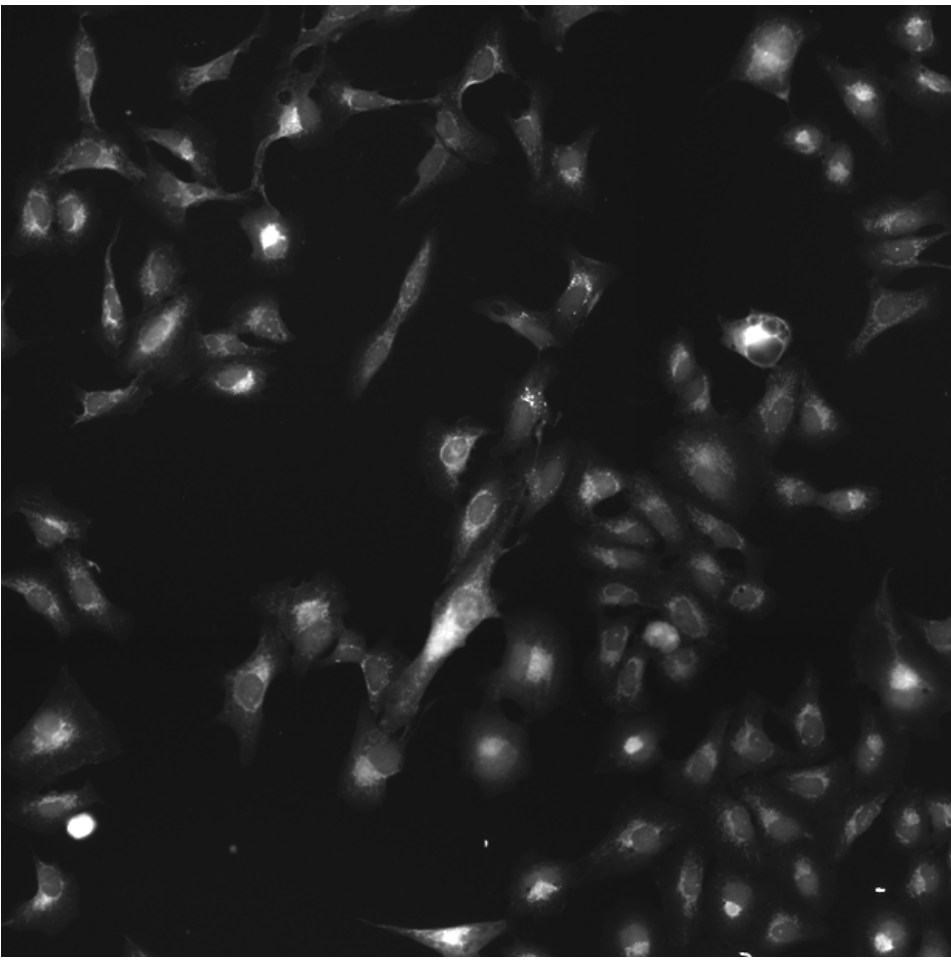
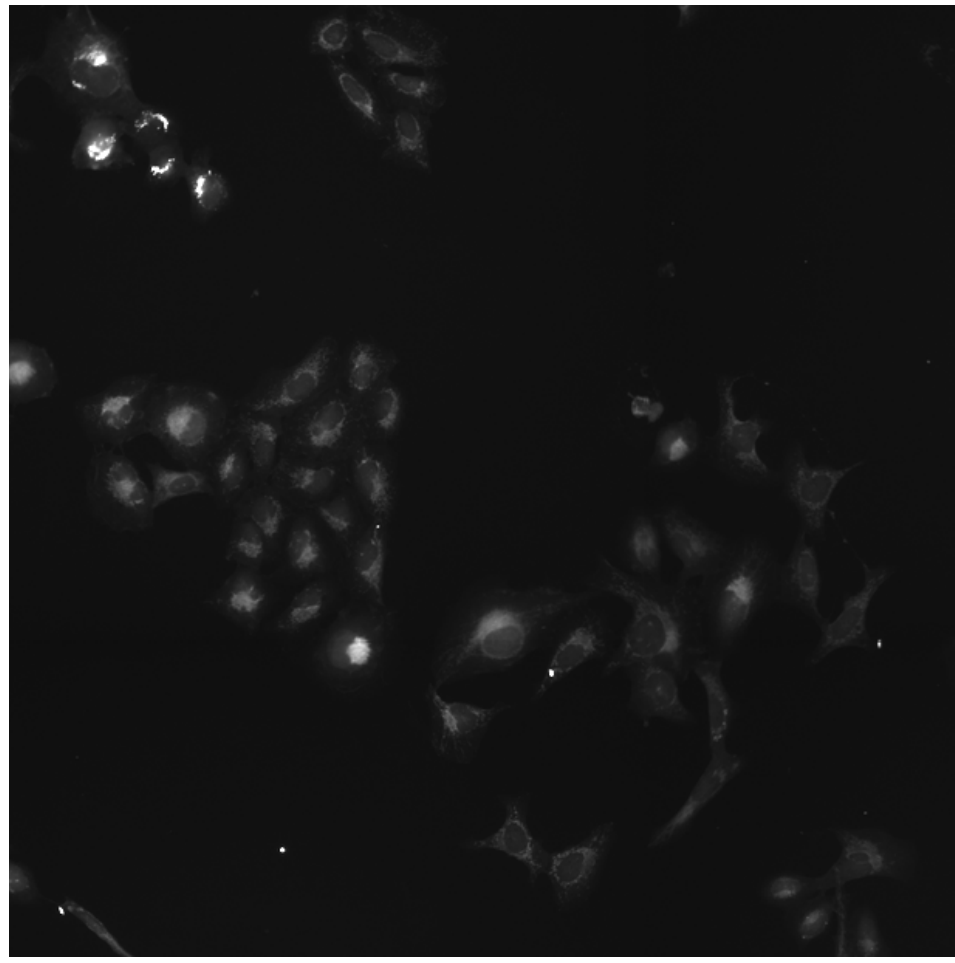
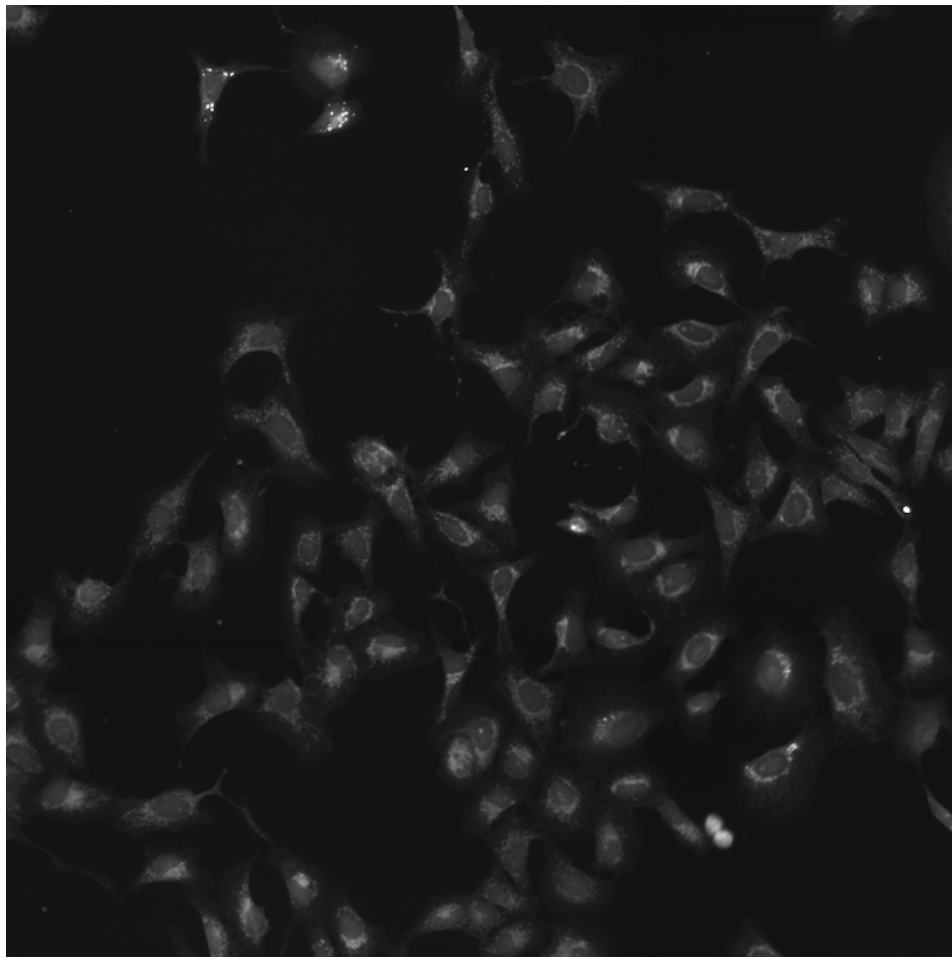
MAP3K2.WT.2 (41757)

MAP3K2.WT.2 (41754)

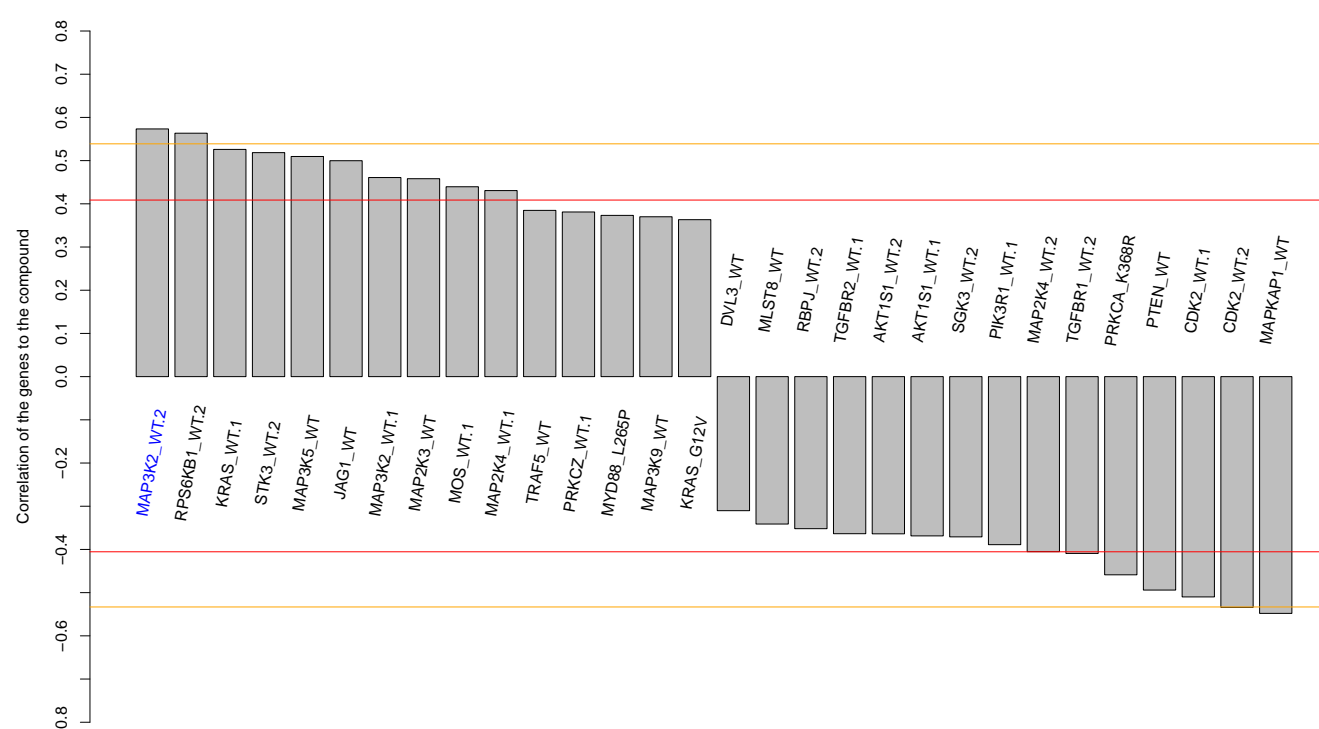
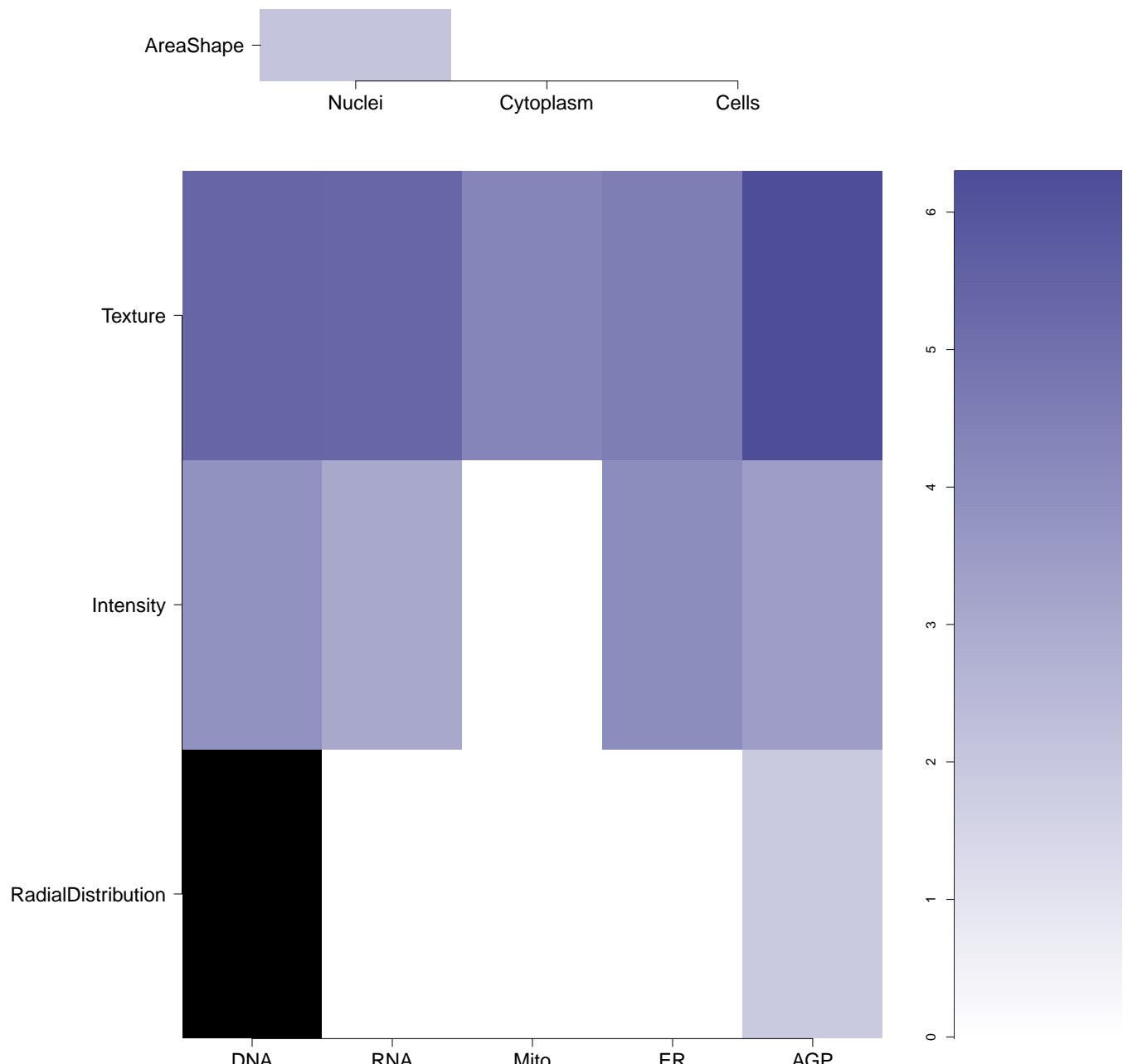
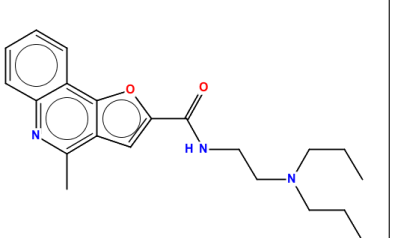
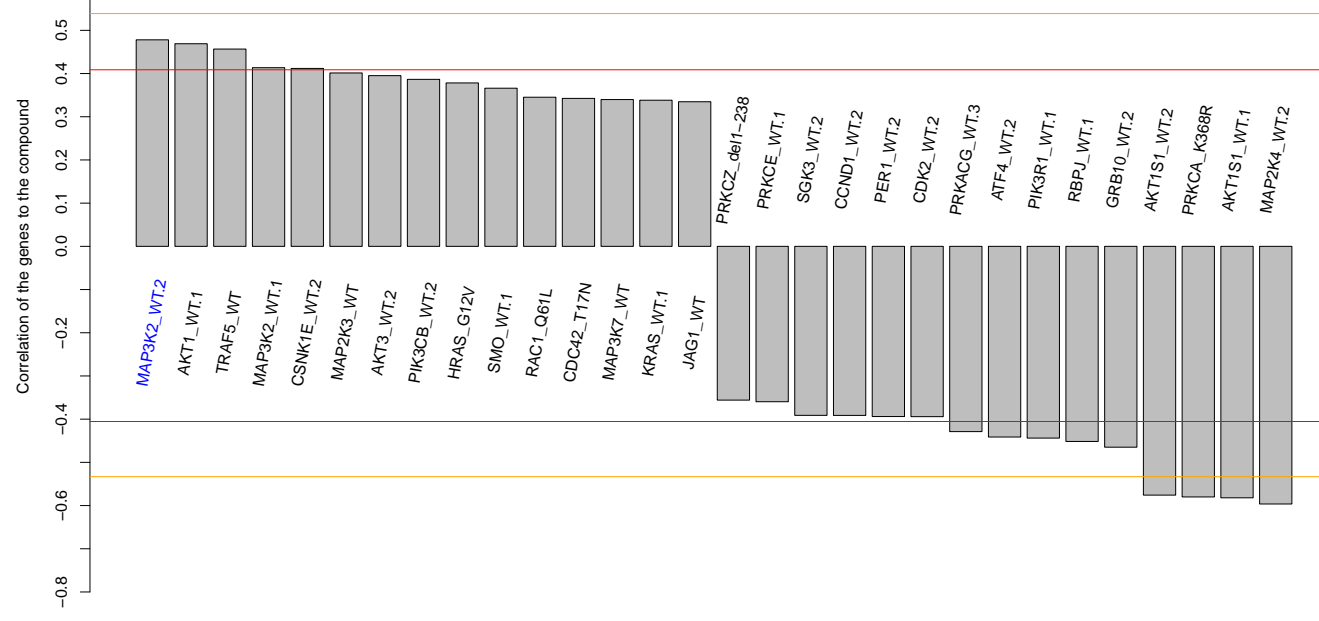
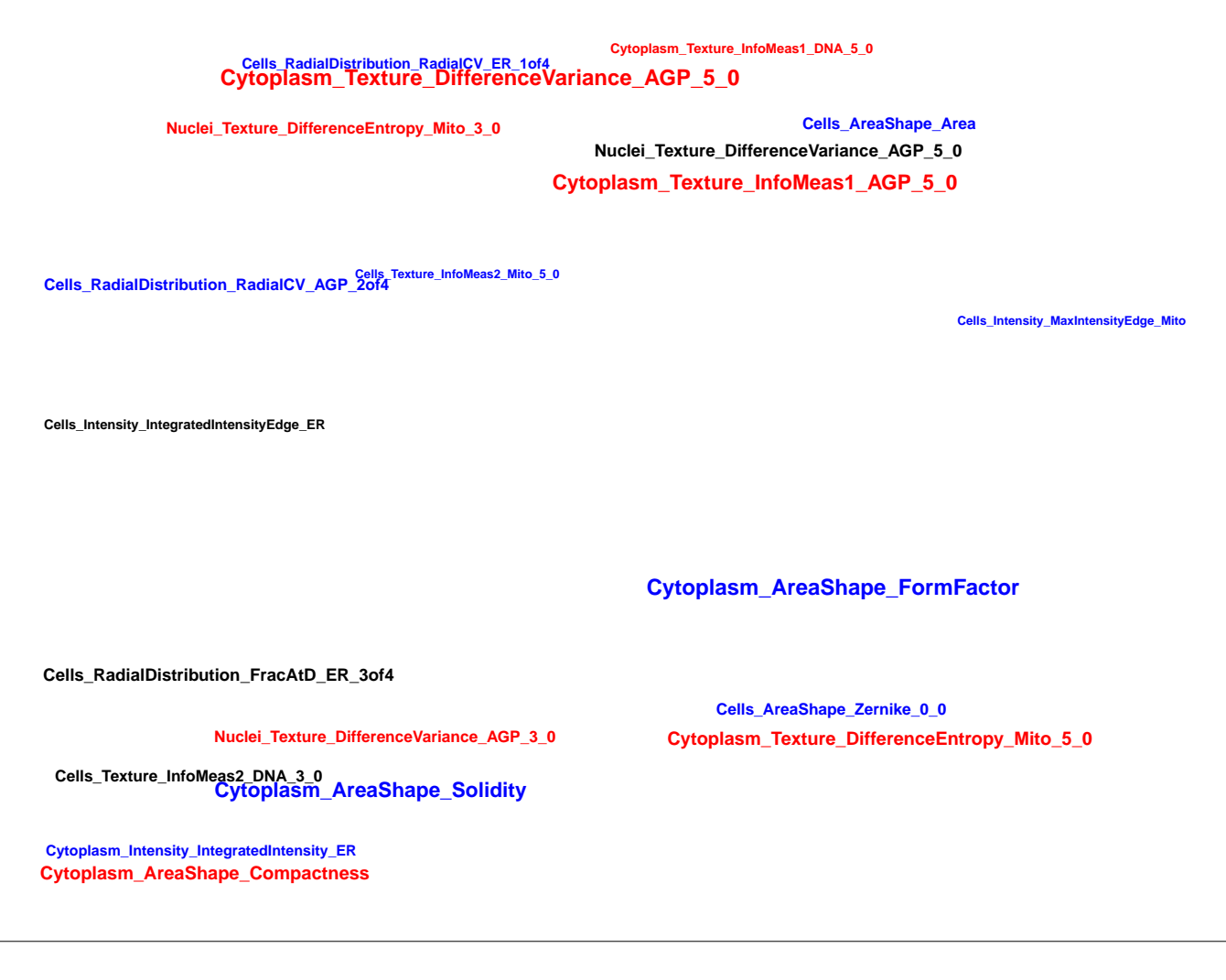
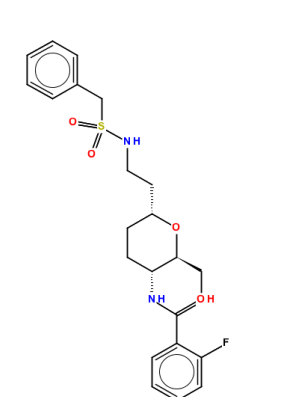
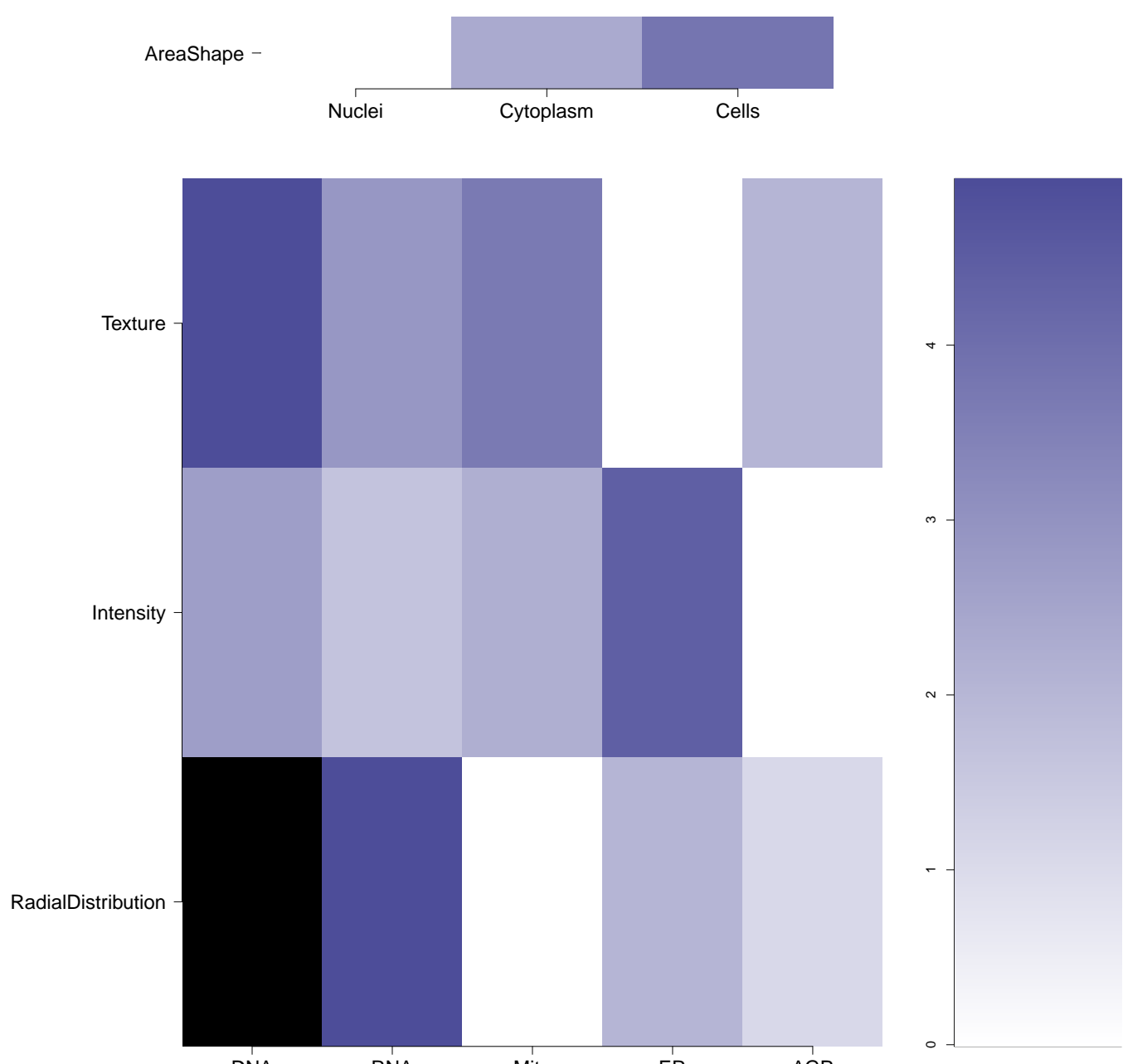
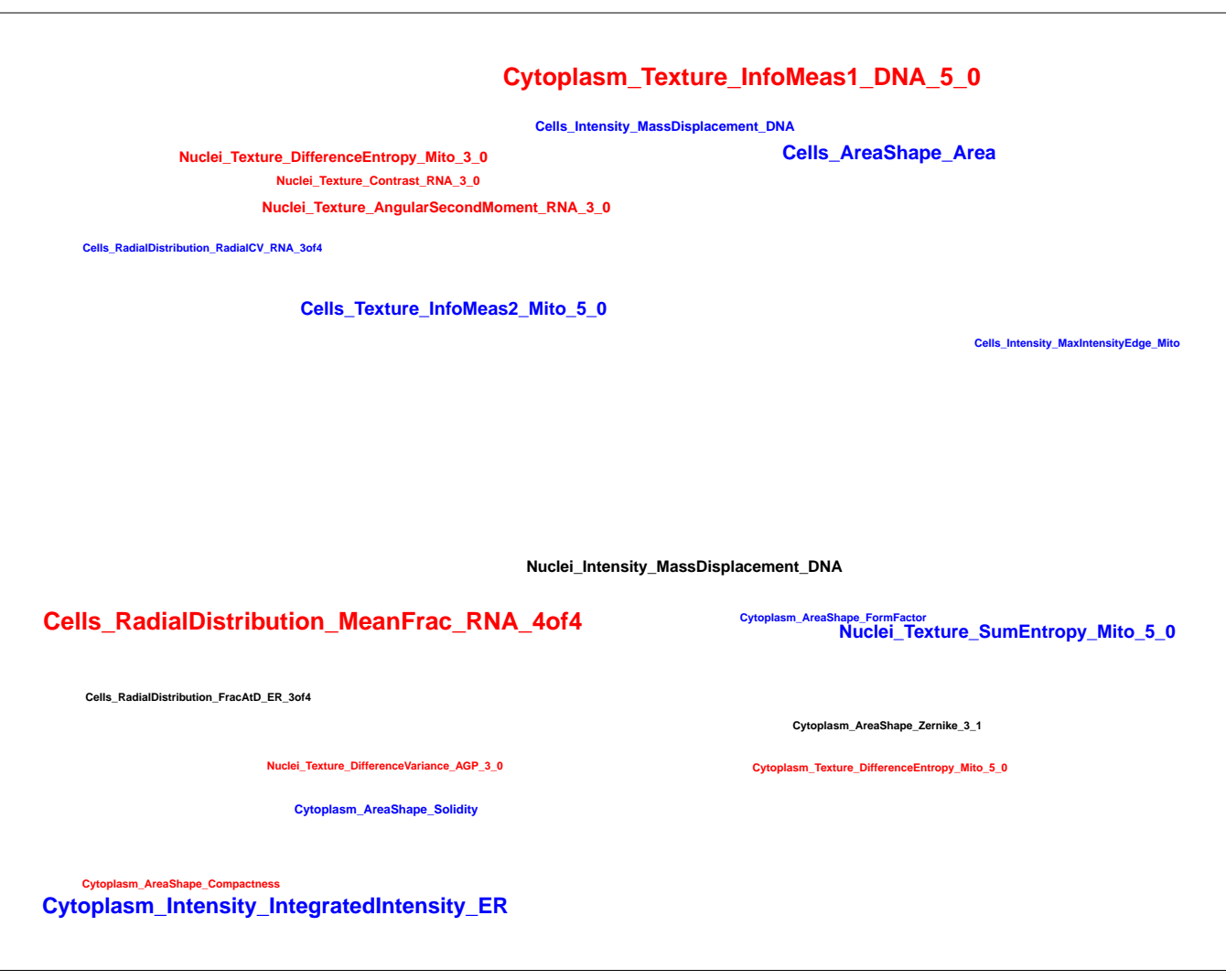
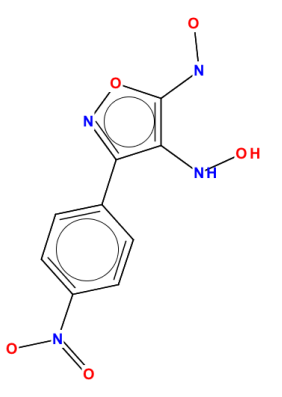
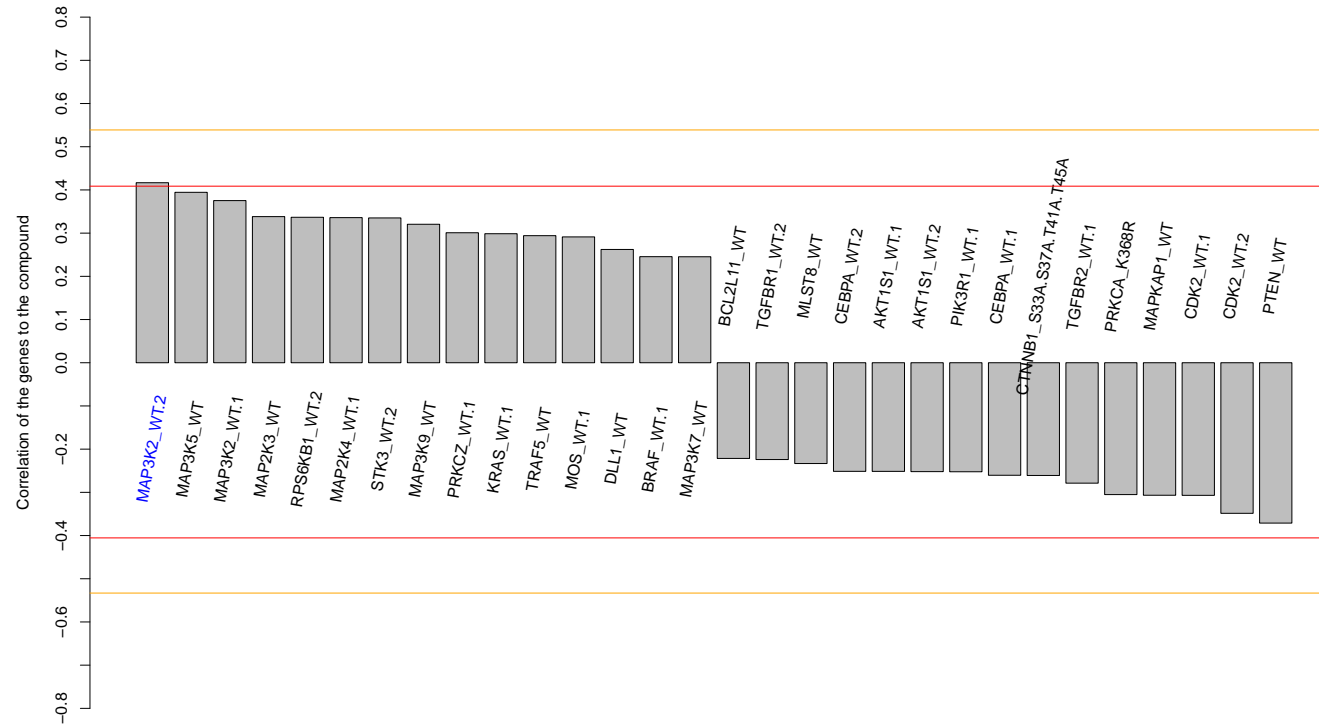
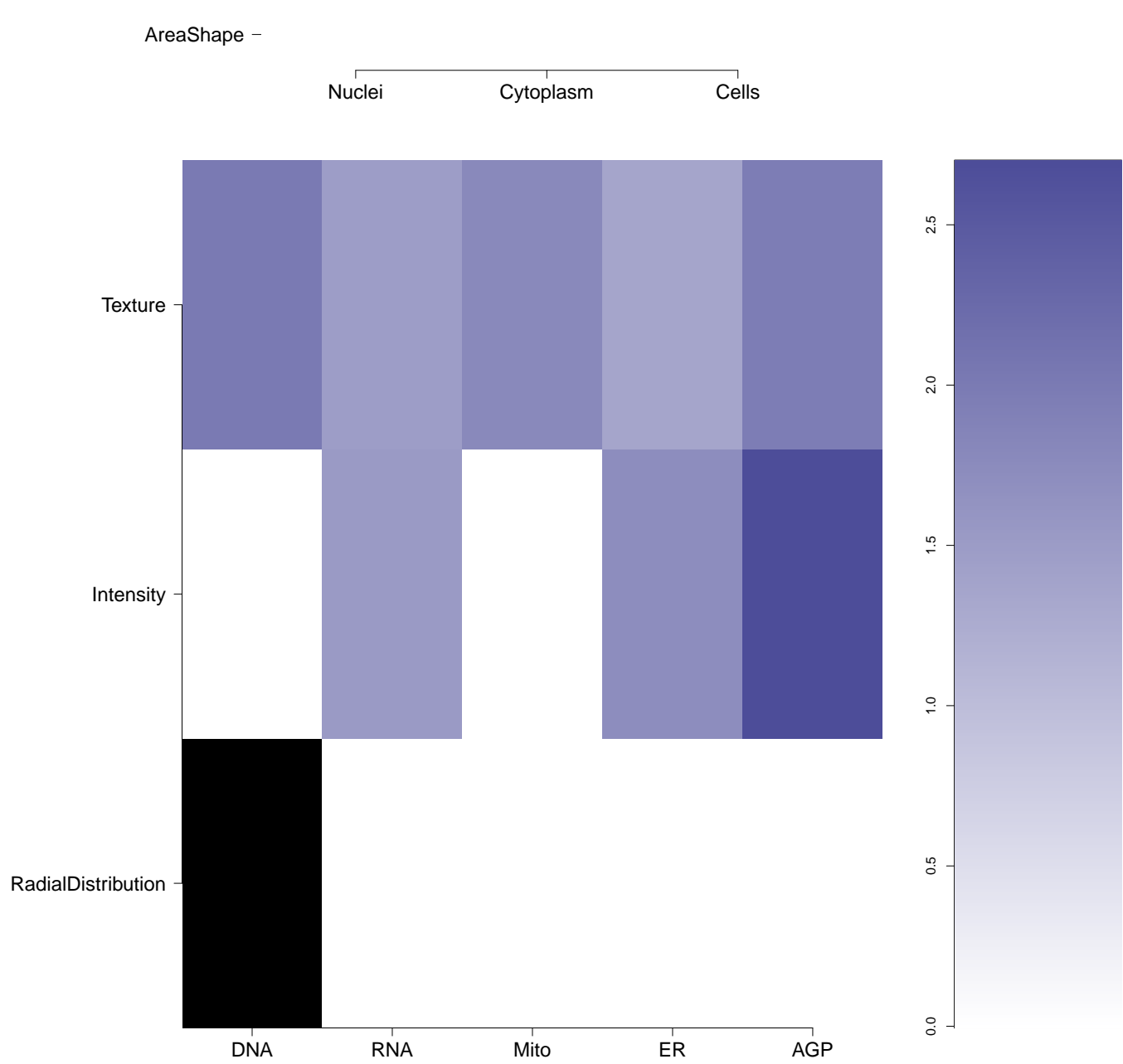
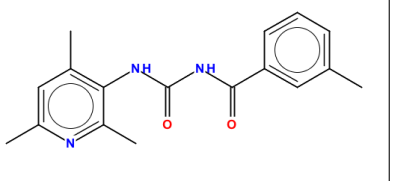
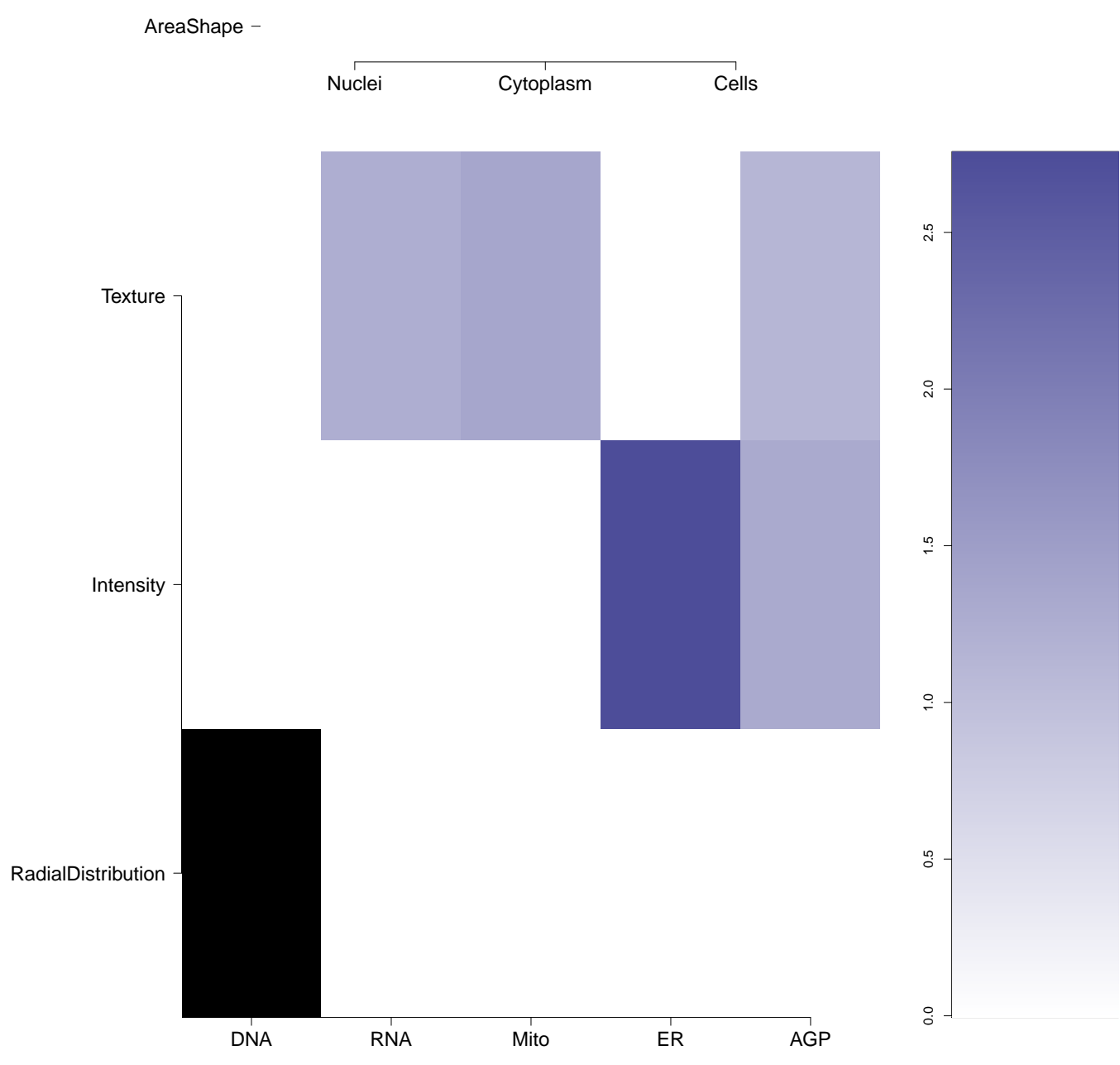
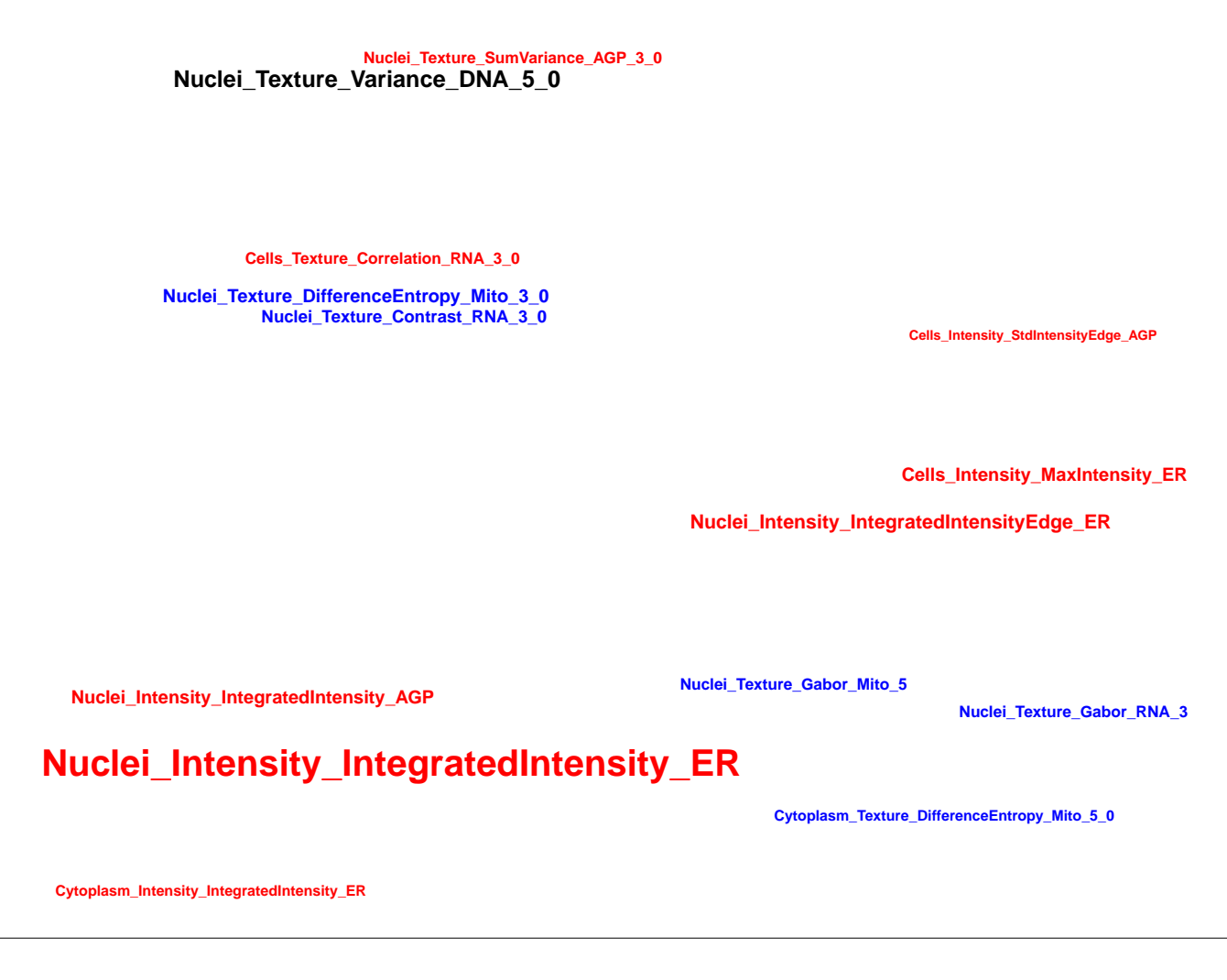
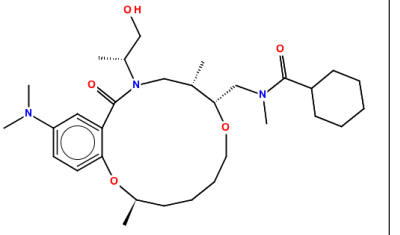
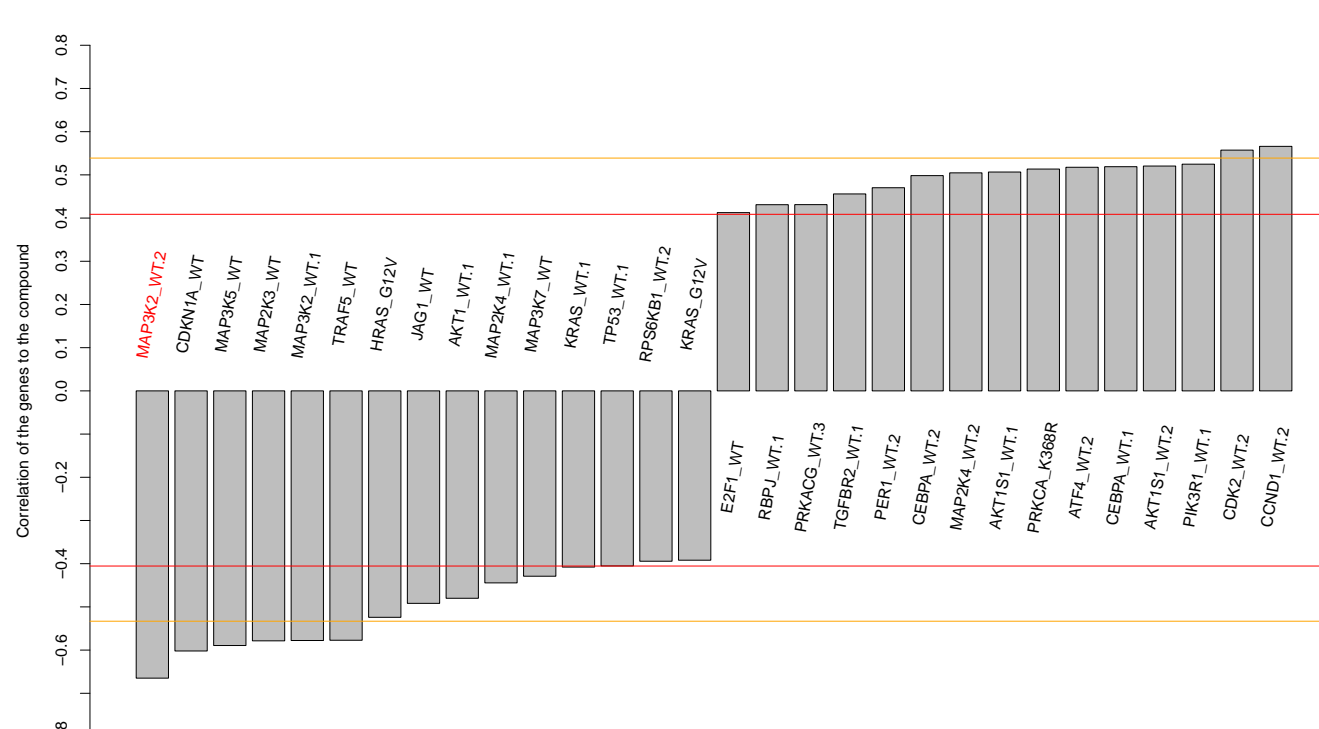
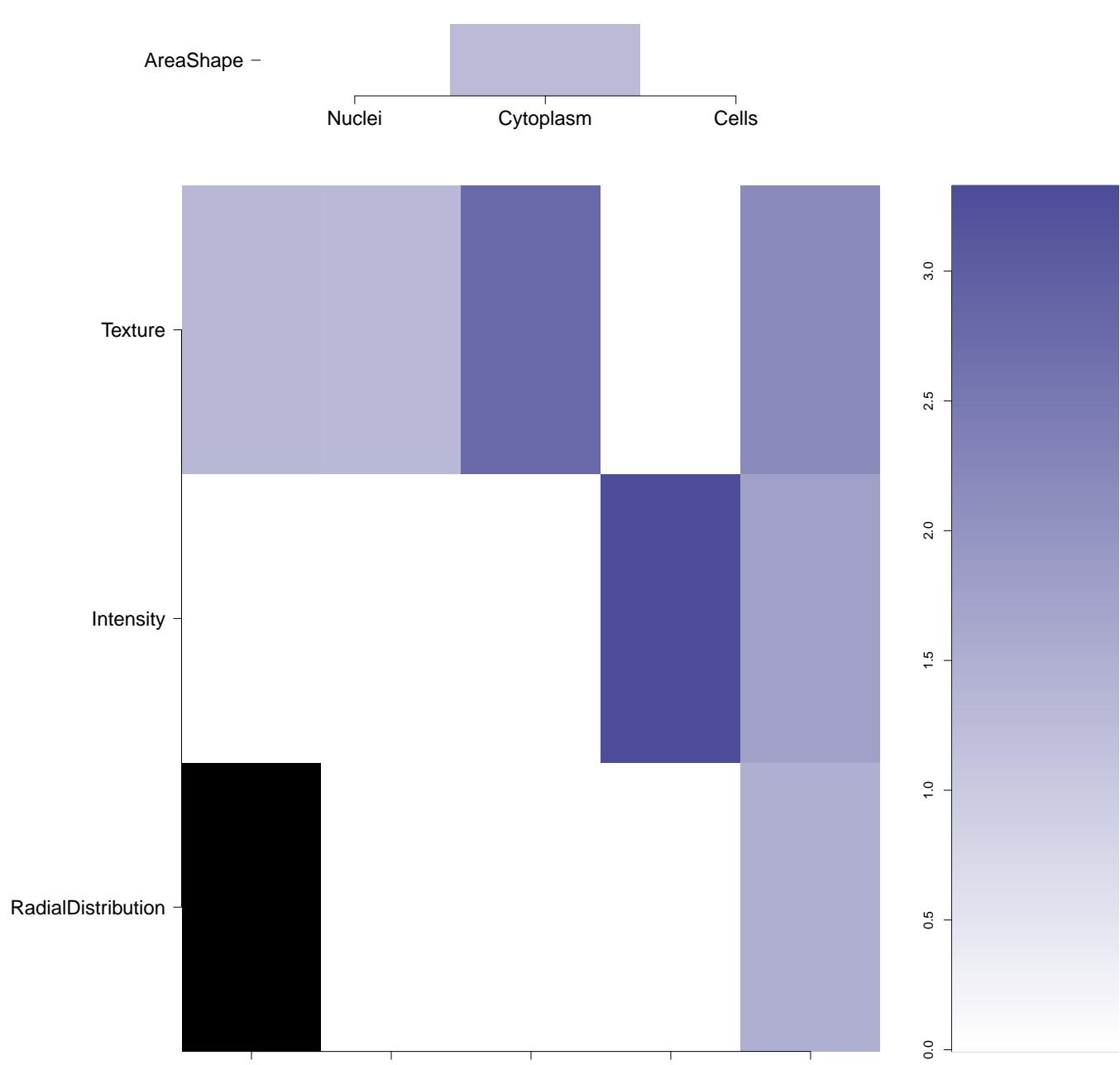
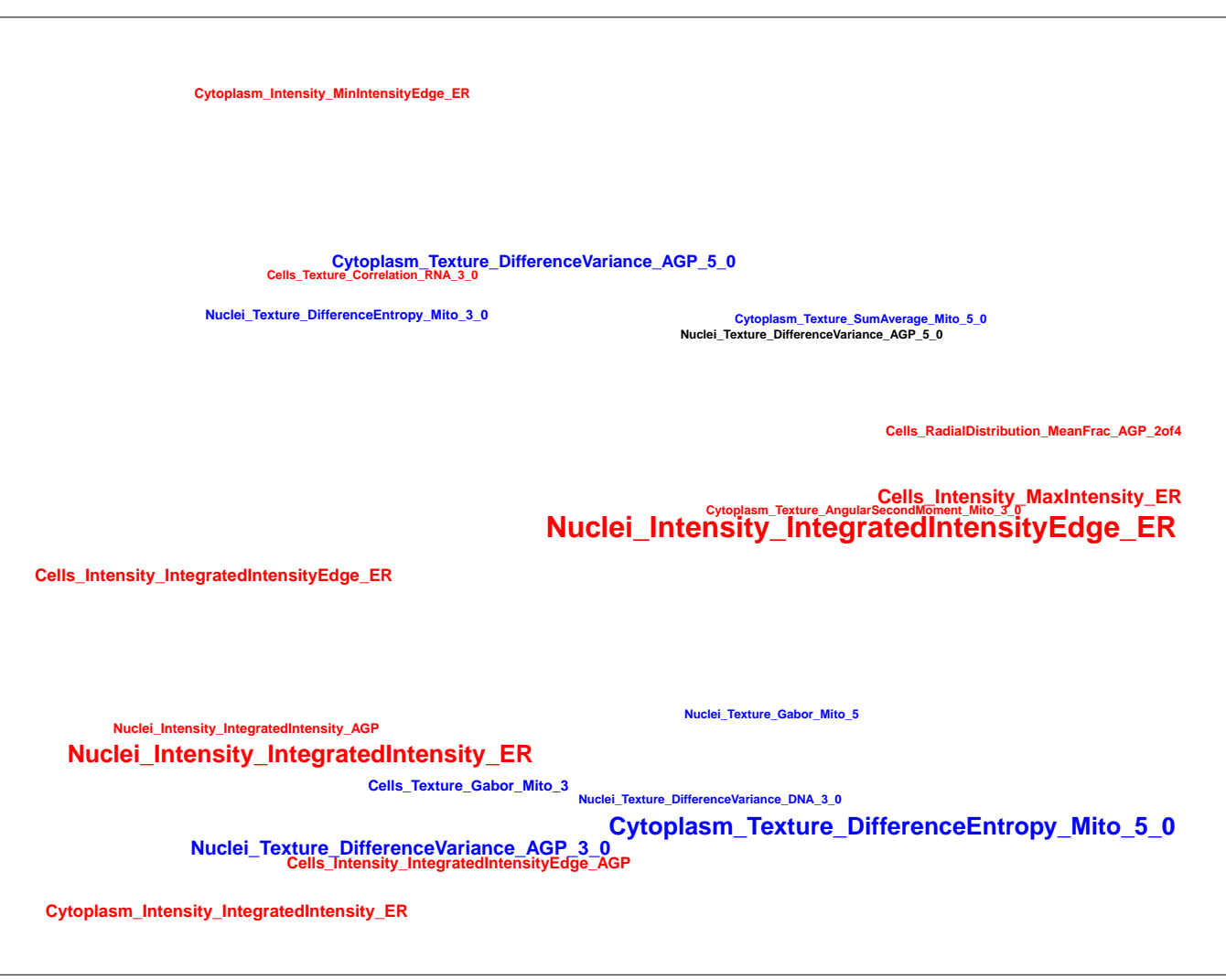
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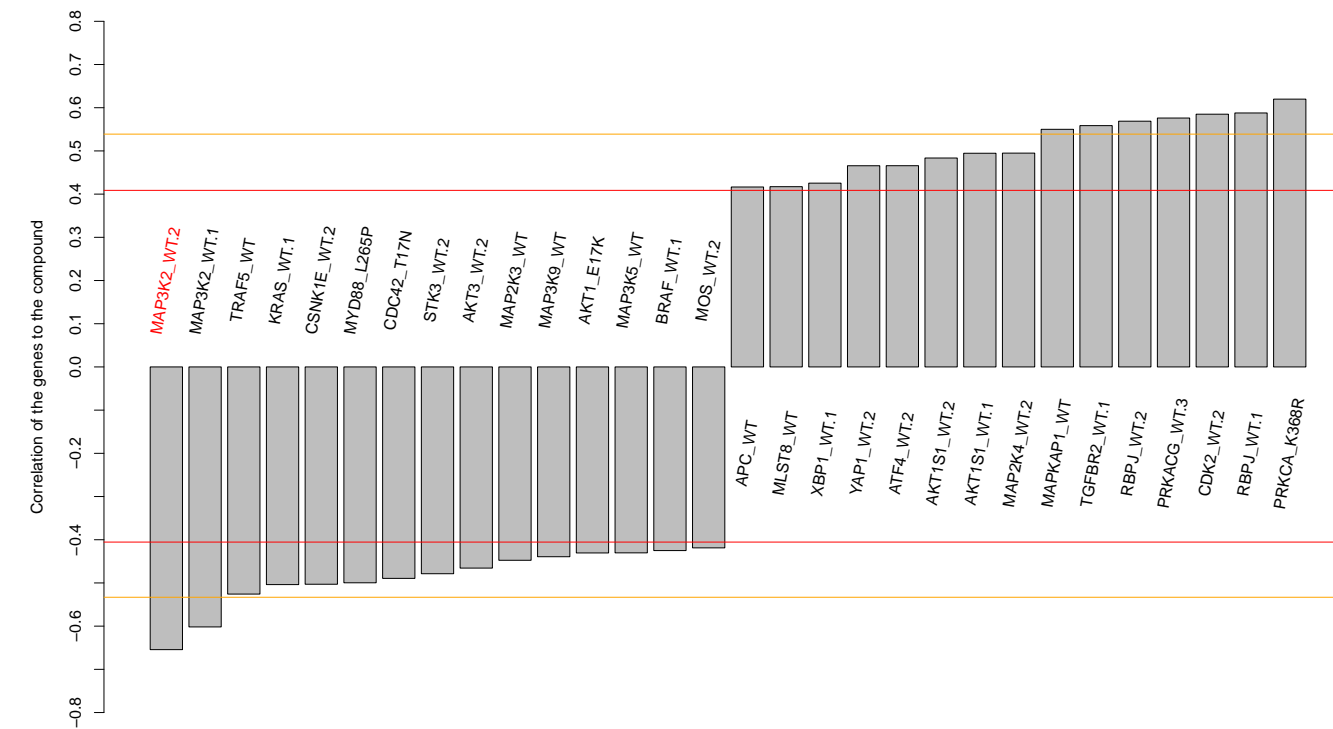
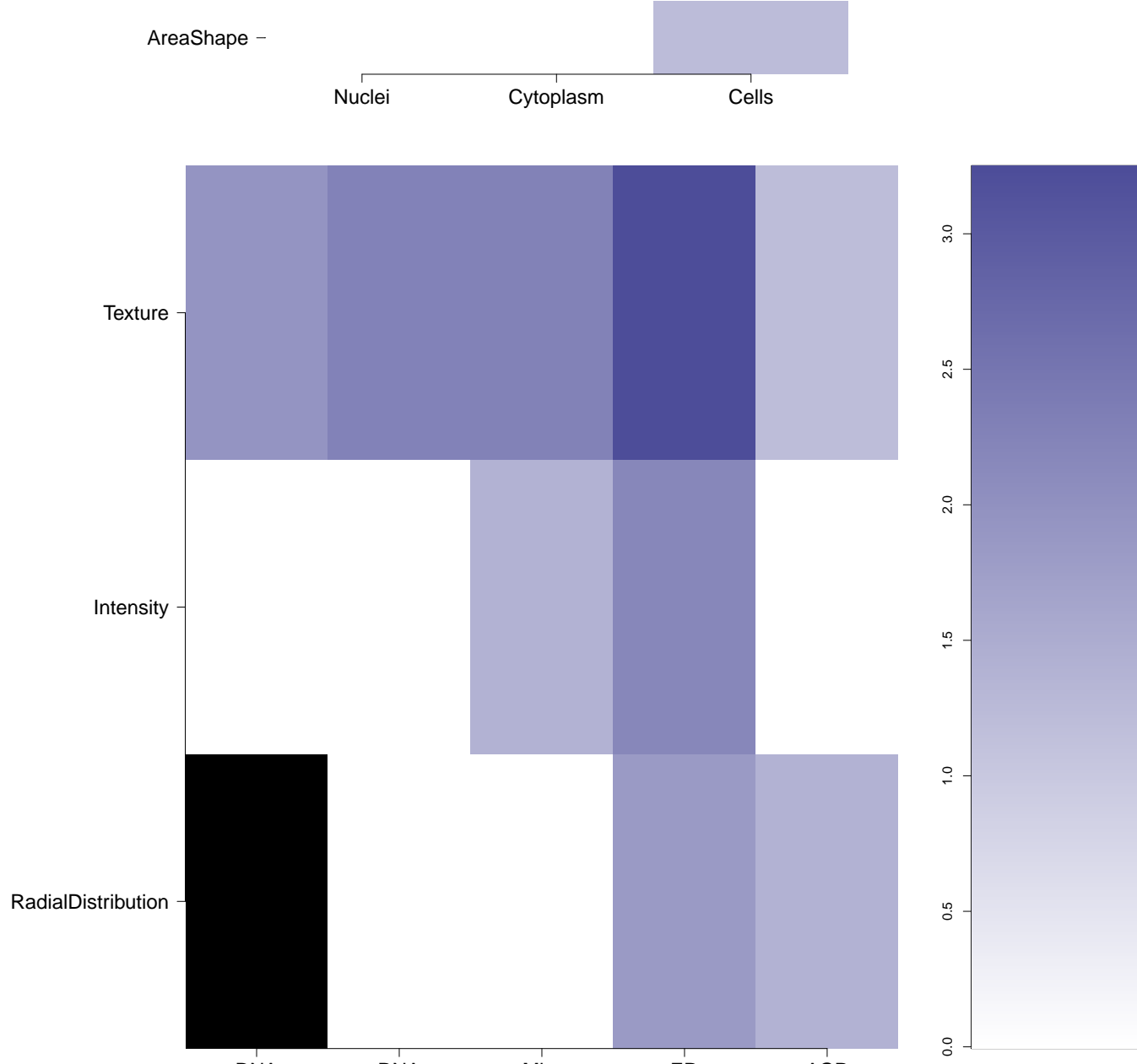

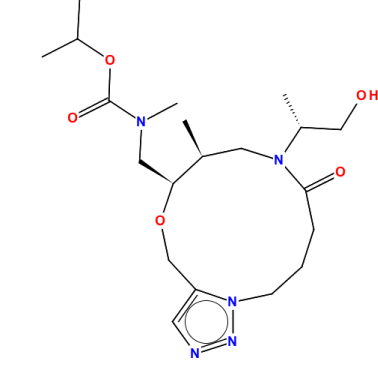
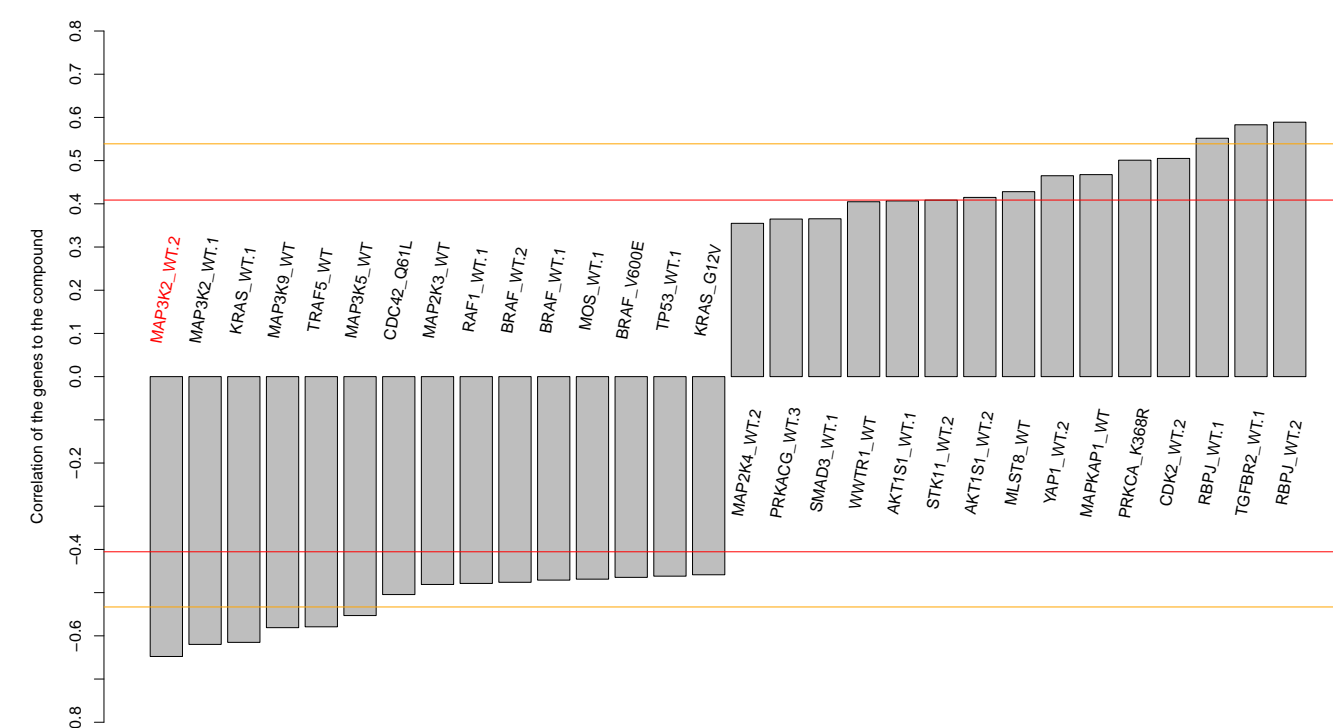
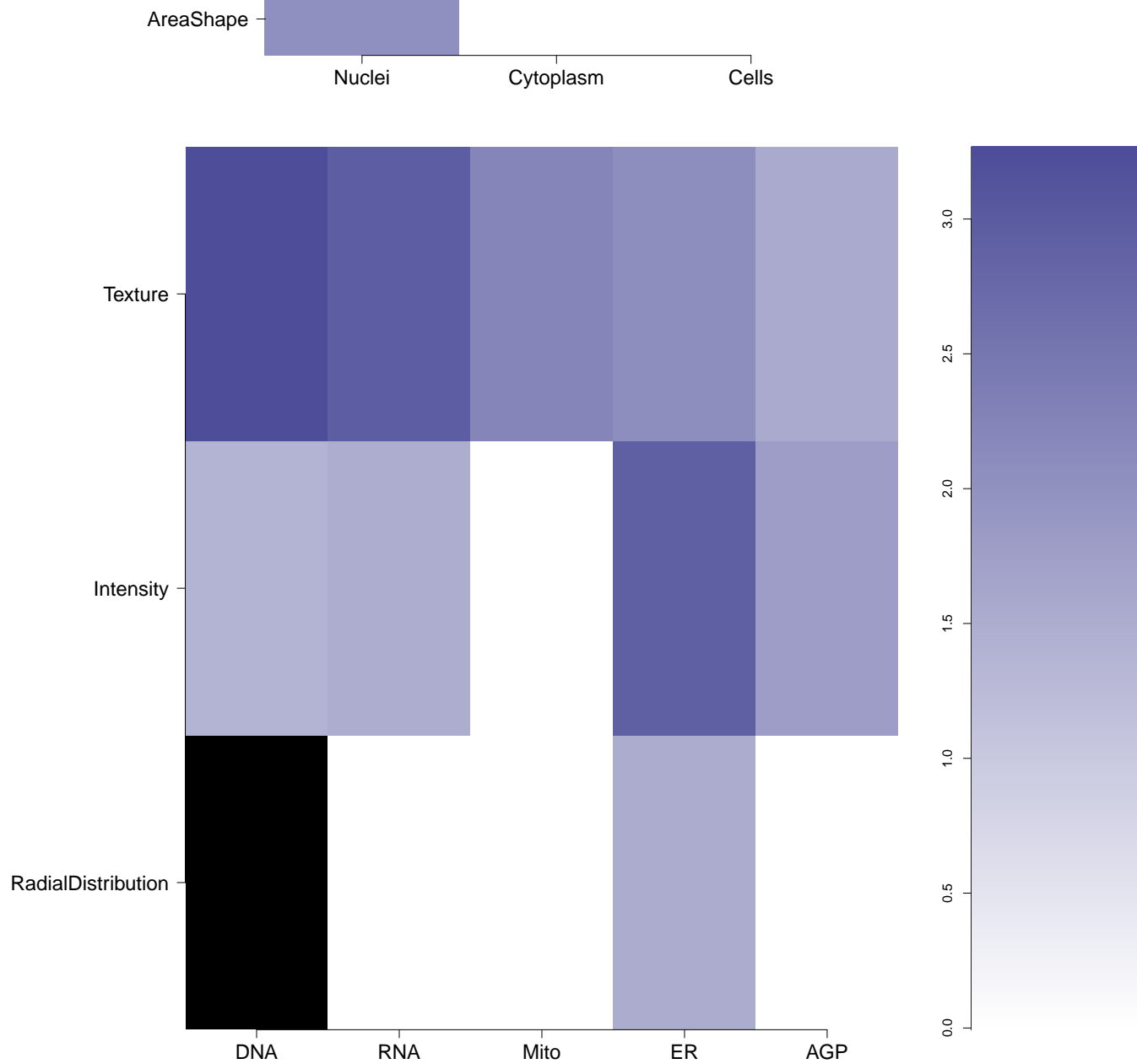
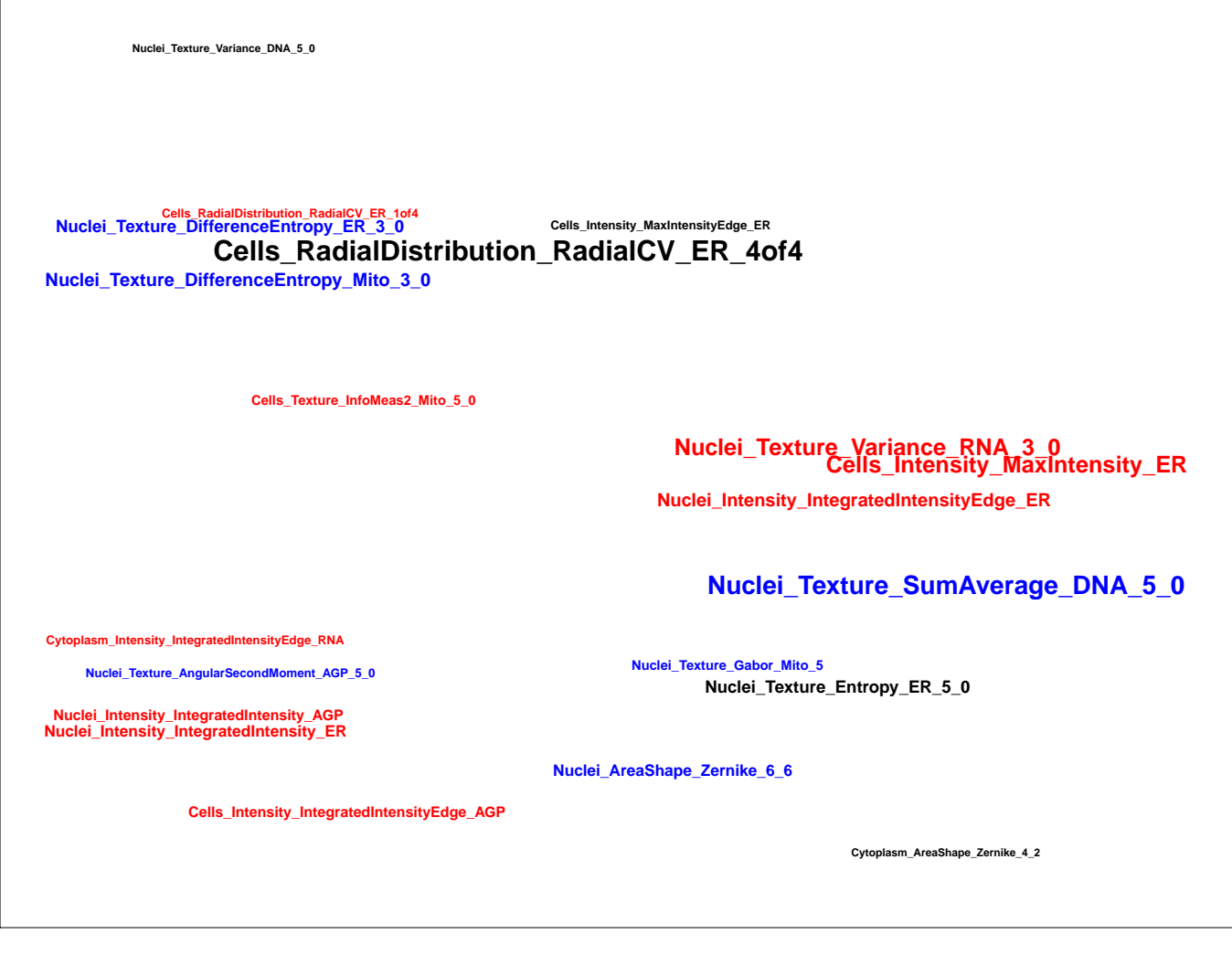
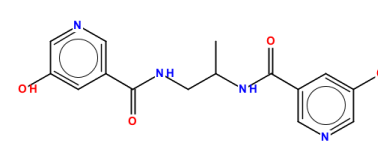
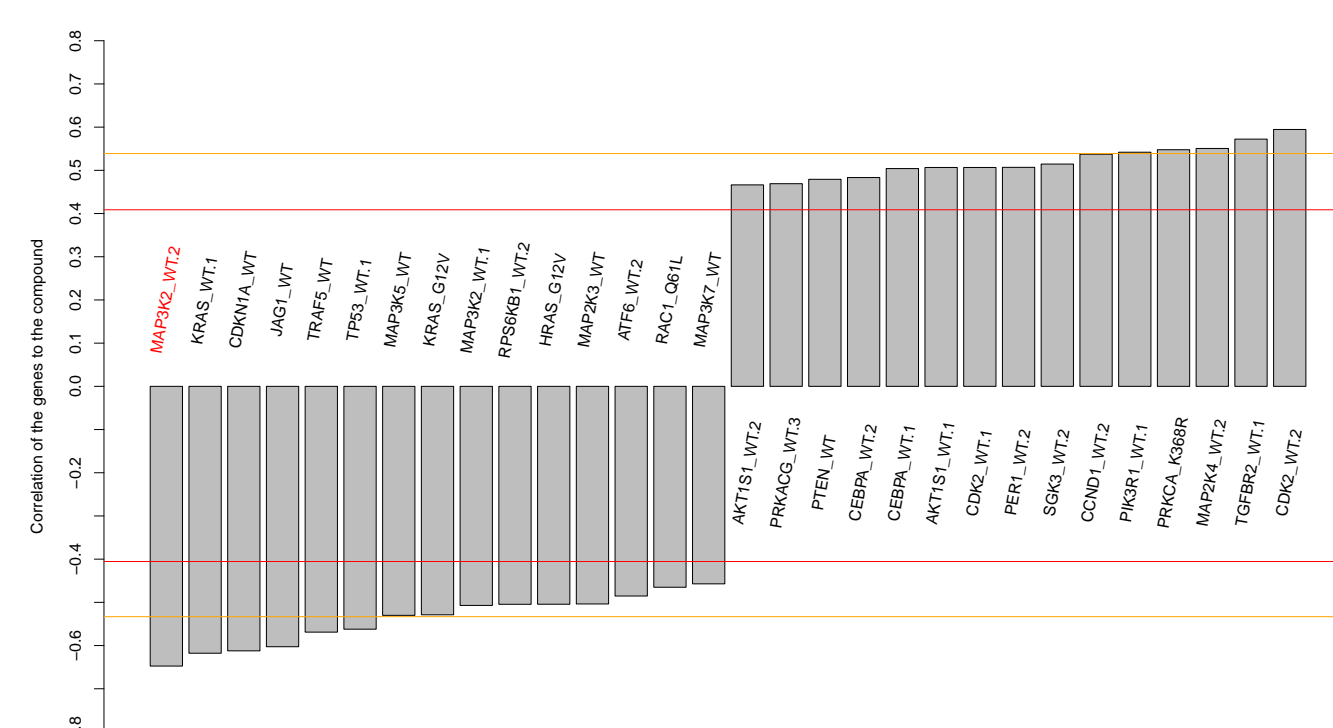
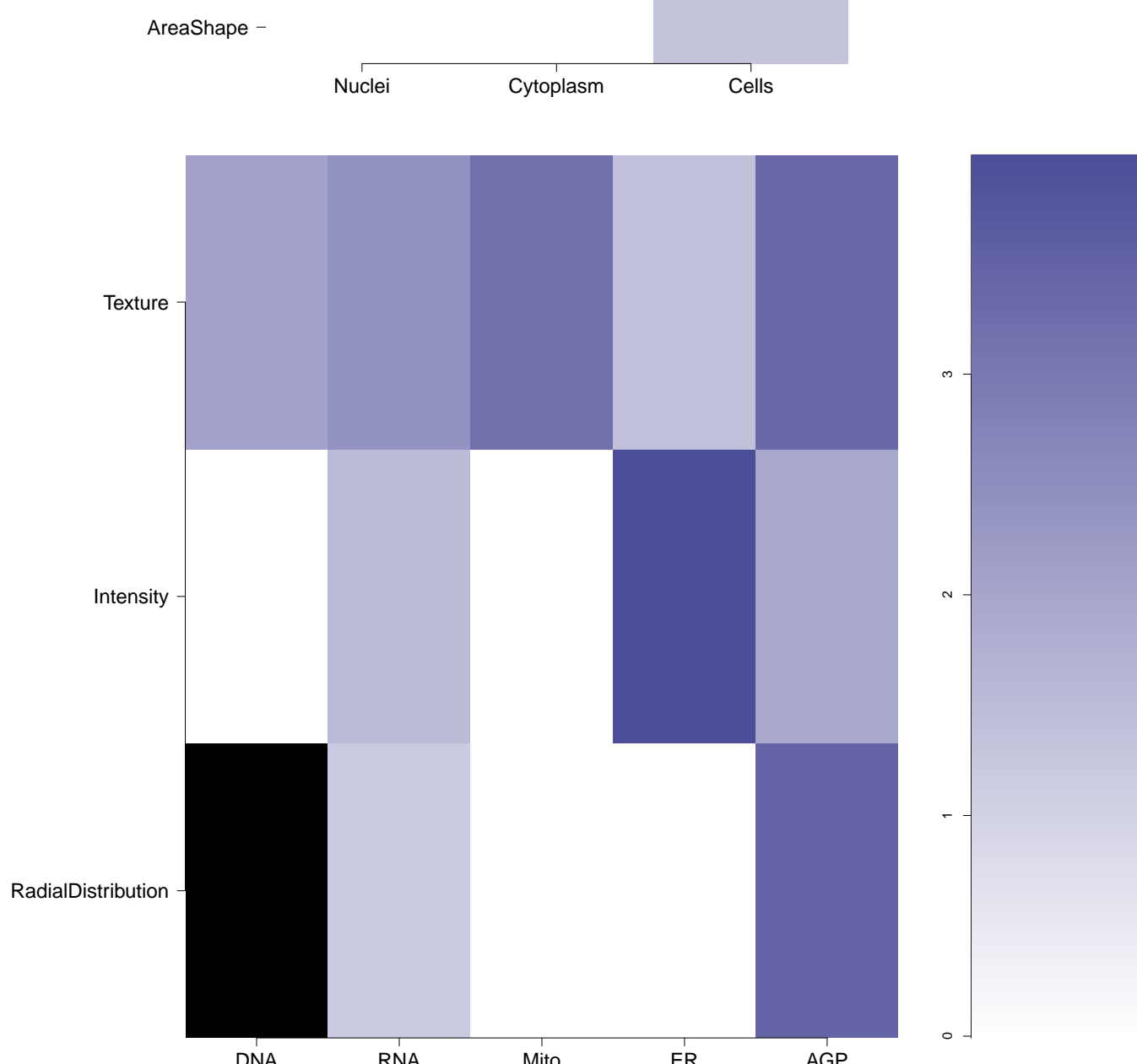

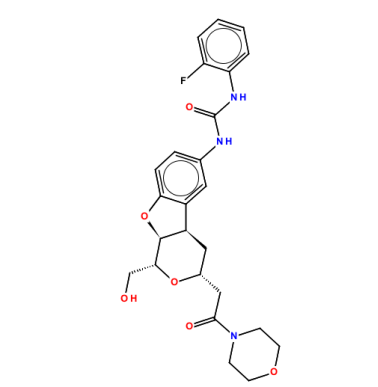
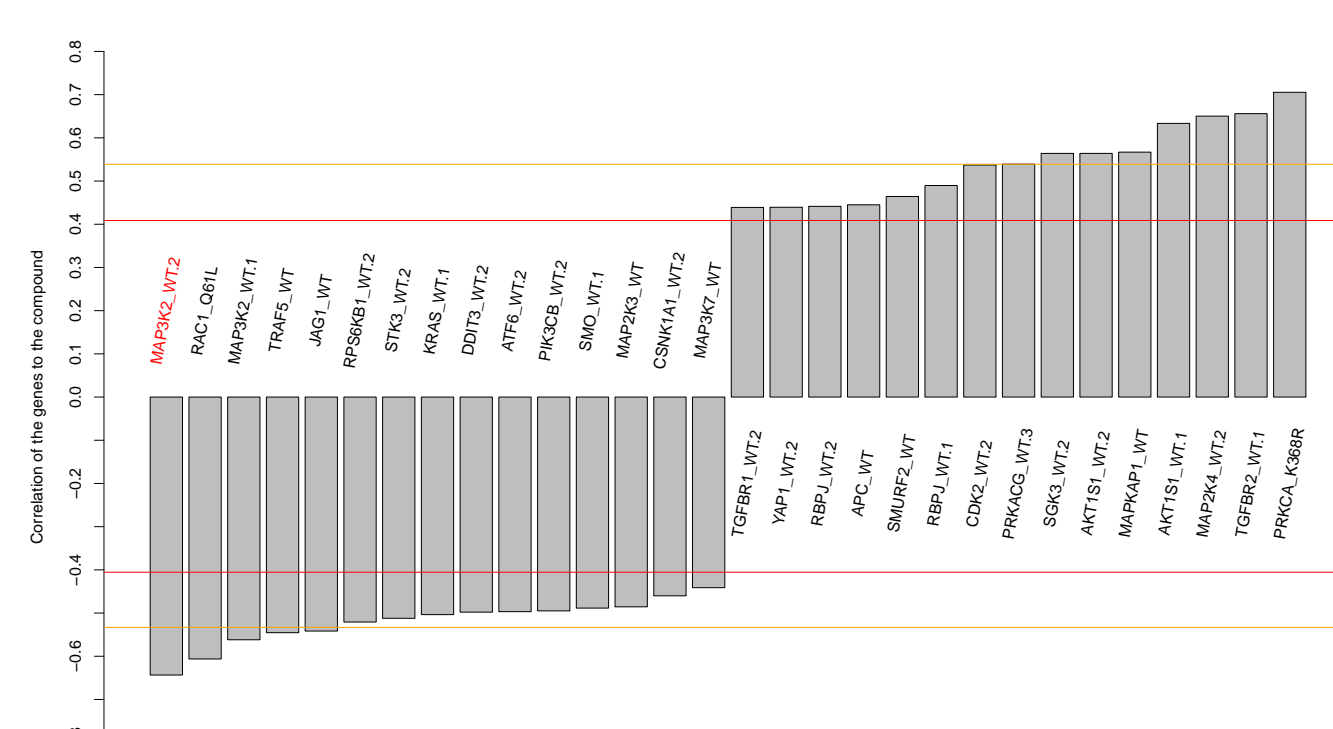
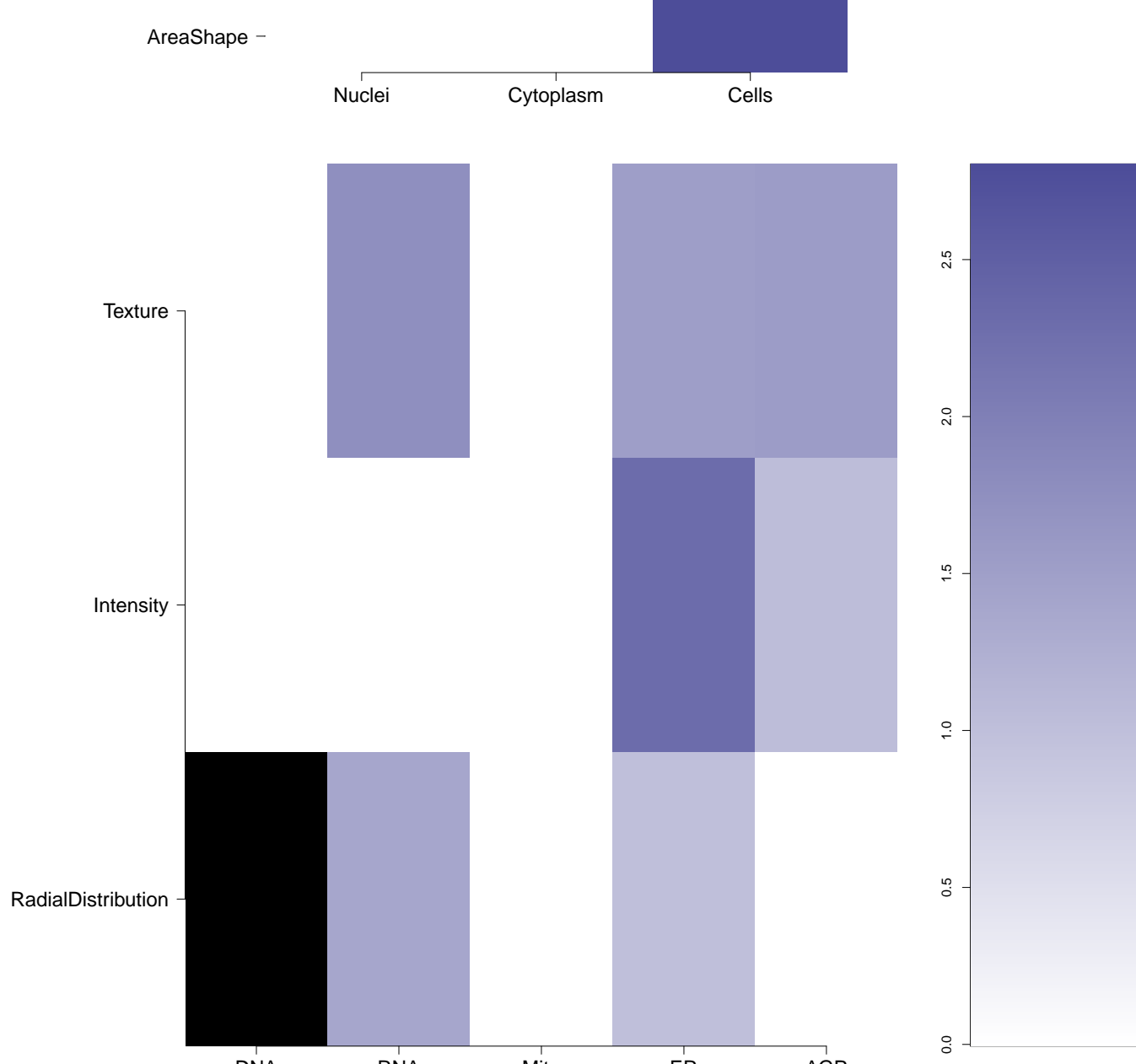
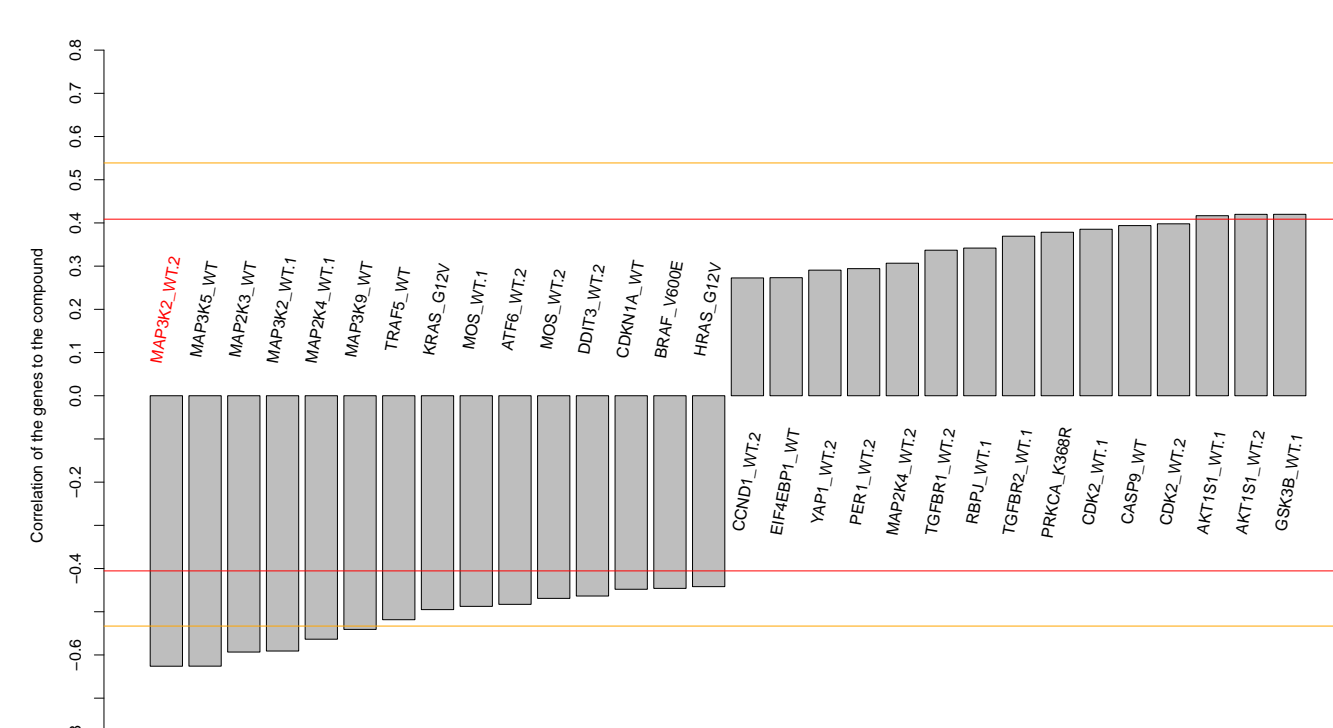

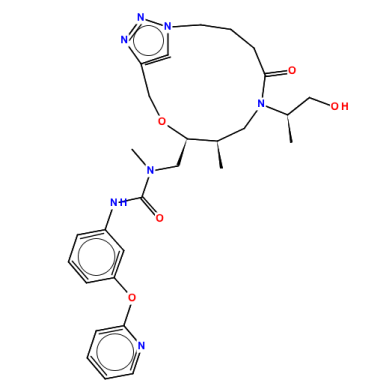
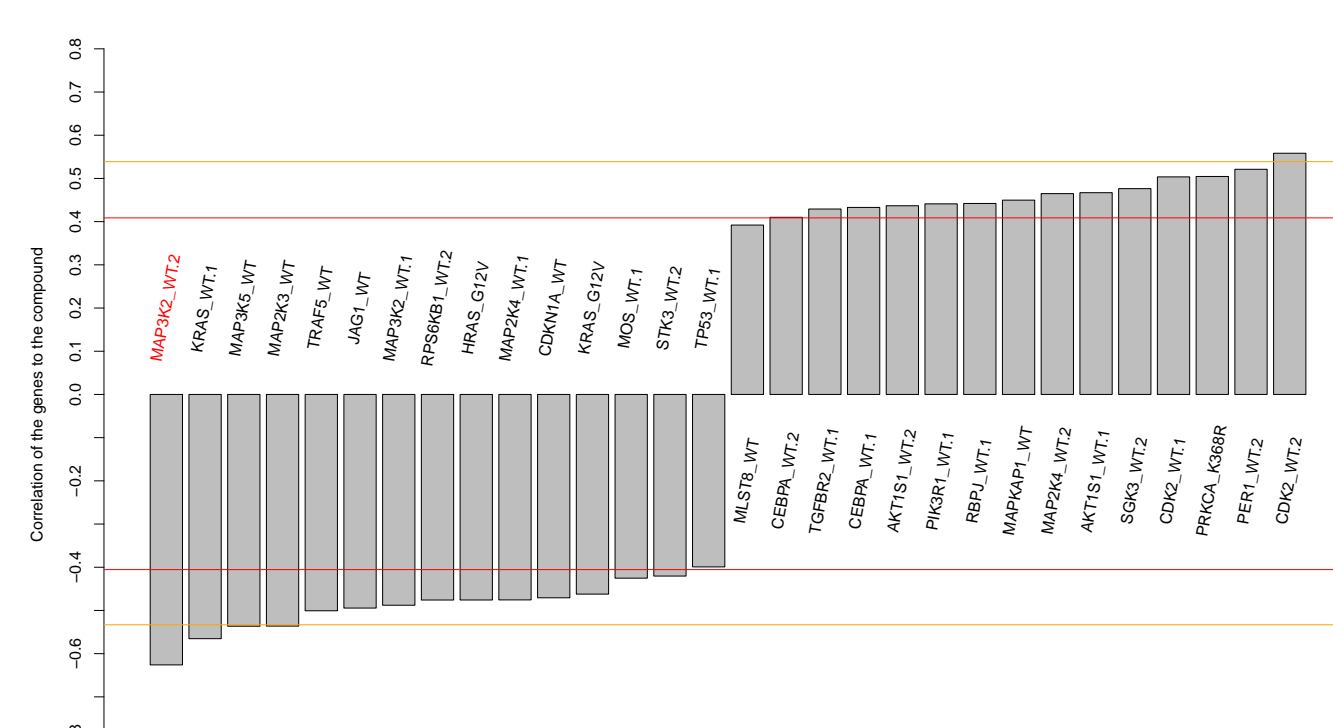
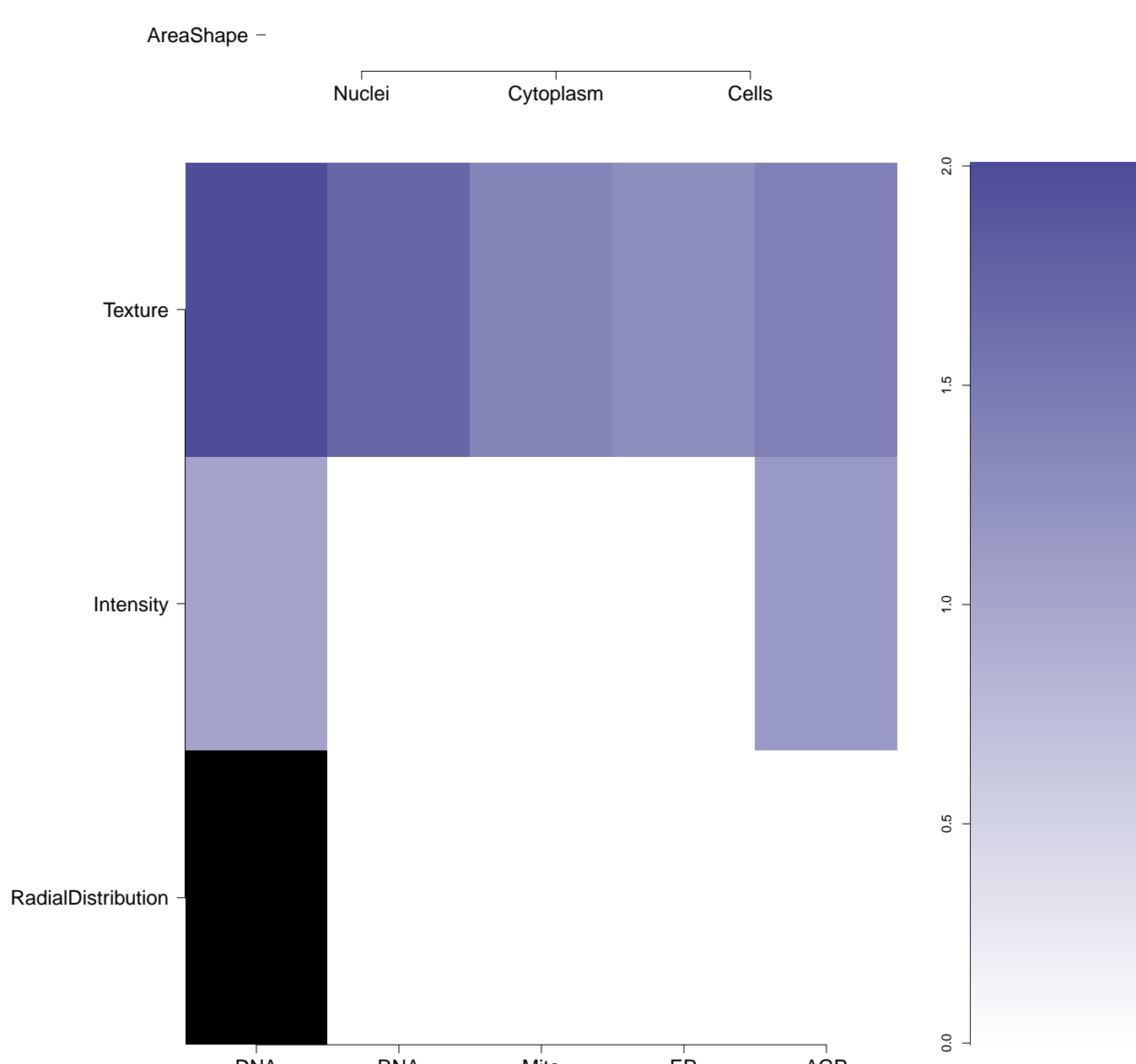
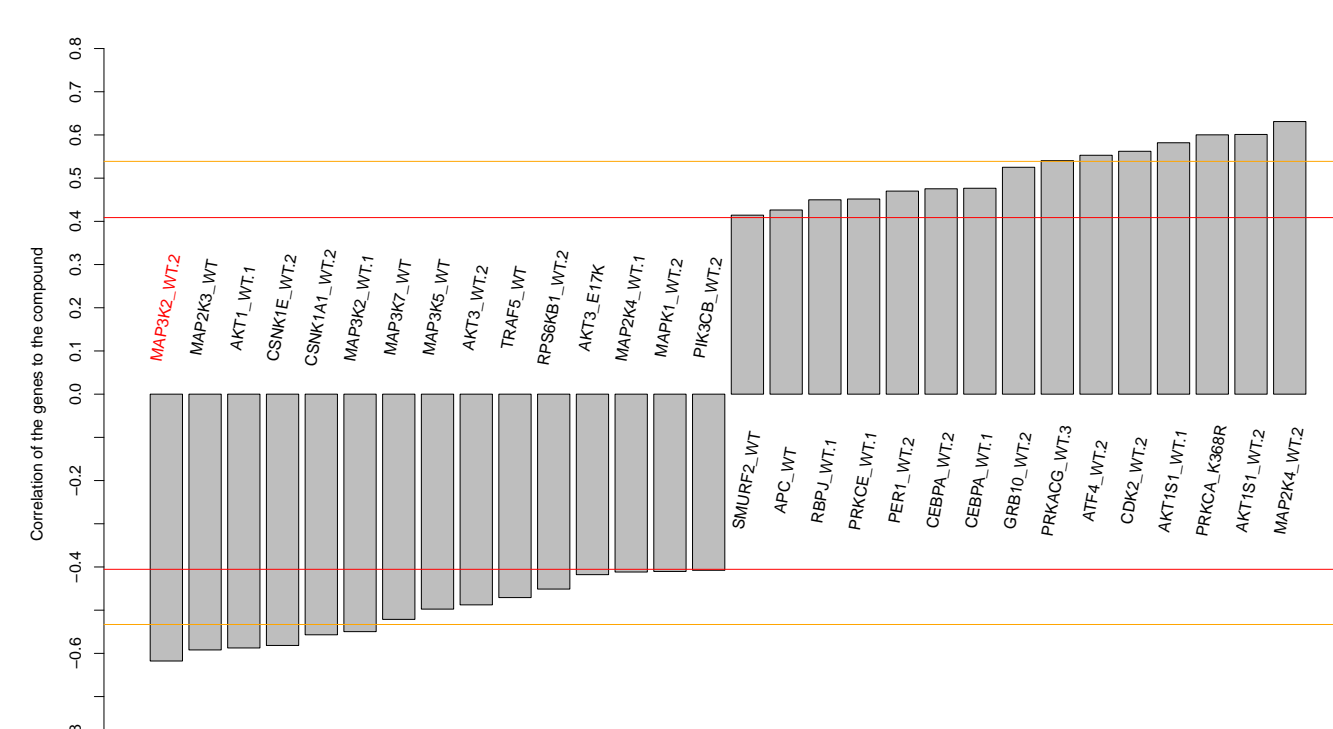
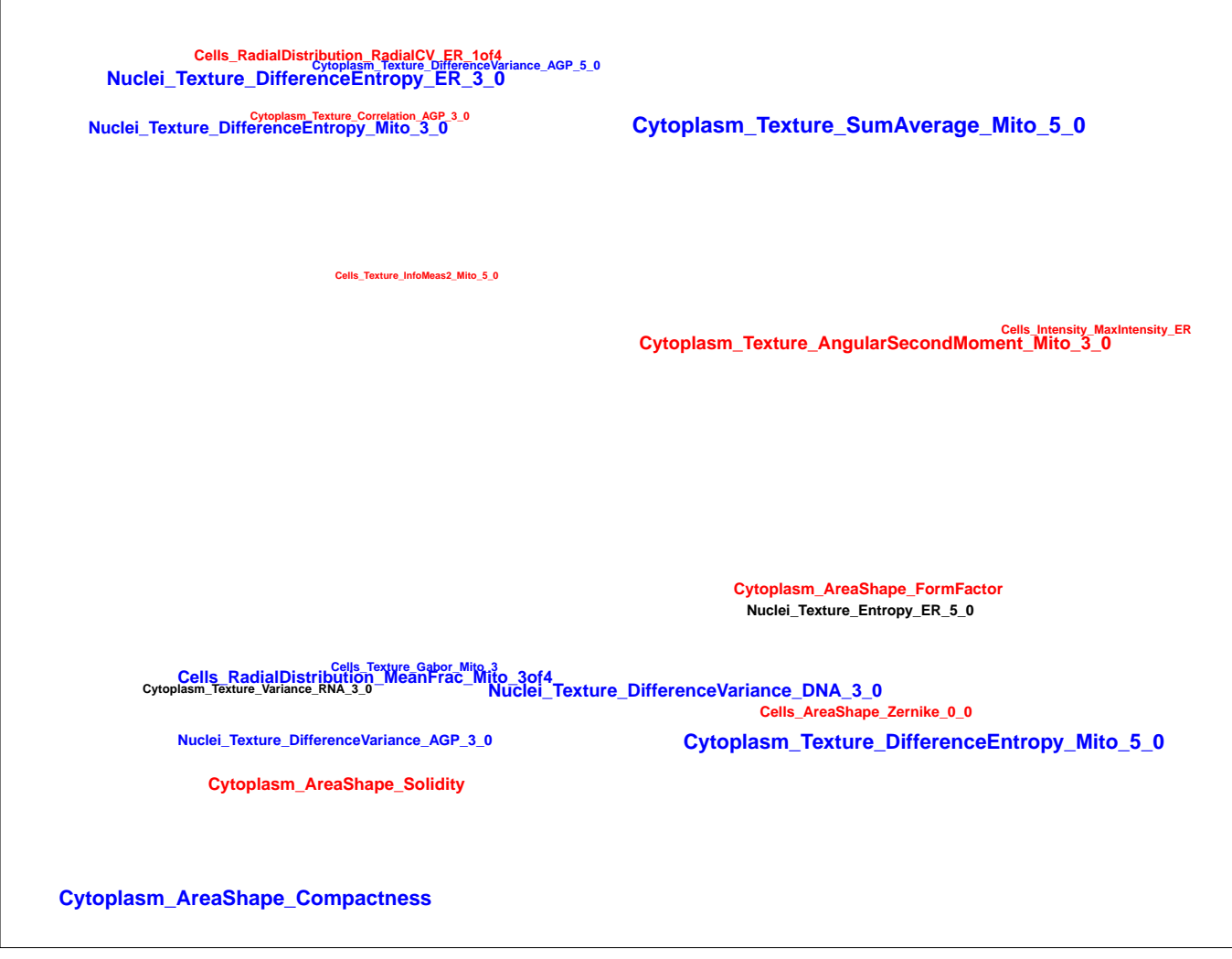


Mito

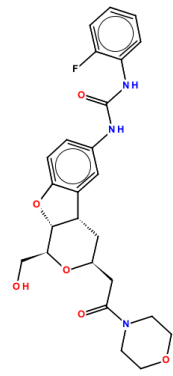


Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.51)	Correlation between compound the gene	Compound rank when scored against the gene using L1000 profiling	How similar is the compound signature to the genes in this experiment? (Yellow and red lines correspond to top/bottom 1st and 5th percentile DMSO correlation to all the genes)	Common distinguishing feature categories in the compound and the gene relative to the untreated samples	Distinguishing individual features for the compound relative to untreated samples. Black means a mismatch; i.e. active (= high z-score in magnitude) in the compound, and either inactive (= small z-score in magnitude) or oppositely active in the gene	Number of PubChem assays in which the compound was tested; assays in which the compound was active are itemized
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BRD-K68501905-001-05-6 AC1LP8MW Ambcb7000846 MLS000575933 HMS2326O08 ZINC1158876 SMR000196963 PubChem CID : 1327906		0.61 (in 2 replicates)	0.65	NA				<p>Total number of assays tested in: 672. Active in the following assays:</p> <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-mCpG-binding domain protein 2 (MBD2)-DBD binding to methylated oligonucleotide (AID 686964)
BRD-K52450848-001-05-4 MLS000701133 SMR000226277 PubChem CID : 9558634		NA (in 1 replicates)	0.57	NA				<p>Total number of assays tested in: 626. Active in the following assays:</p> <ul style="list-style-type: none"> • qHTS Assay for Inhibitors of Leishmania Mexicana Pyruvate Kinase (LmPK) (AID 1721) • Aqueous Solubility from MLSMR Stock Solutions (AID 1996) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) • Fluorescence Polarization with CAL-PDZ Measured in Biochemical System Using Plate Reader - 2109-02.Inhibitor.SinglePoint.HTS.Activity (AID 602252) • Luminescence-based cell-based primary high throughput screening assay to identify activators of the DAF-12 from the parasite H. contortus (hcDAF-12) (AID 652067) • Luminescence-based cell-based primary high throughput screening assay to identify agonists of the DAF-12 from the parasite H. glycinis (hgDAF-12): (AID 687014)
BRD-K09721123-001-05-8 AC1MMVLK SMR000028253 MLS000045856 HMS2454F08 ZINC4034427 PubChem CID : 3245118		0.62 (in 4 replicates)	0.48	0.800				<p>Total number of assays tested in: 782. Active in the following assays:</p> <ul style="list-style-type: none"> • qHTS Assay for Spectroscopic Profiling in 4-MU Spectral Region (AID 589) • qHTS Assay for Spectroscopic Profiling in 3350 Spectral Region (AID 590) • Leishmania major promastigote HTS (AID 1063) • Primary biochemical high throughput screening assay to identify inhibitors of VIM-2 metallo-beta-lactamase (AID 1527) • Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 62483) • qHTS of D3 Dopamine Receptor Antagonist: qHTS (AID 652054)
BRD-K93452754-001-01-2 PubChem CID : 54641308		NA (in 1 replicates)	0.44	NA				<p>Total number of assays tested in: 38.</p>
BRD-K70327057-001-05-8 ST4059861 AC1N7AGS MLS000728702 HMS2693E13 STK763945 ZINC18165931 SMR000306981 PubChem CID : 4275052		0.52 (in 4 replicates)	0.42	NA				<p>Total number of assays tested in: 635. Active in the following assays:</p> <ul style="list-style-type: none"> • qHTS Assay for Inhibitors of Human Jumonji Domain Containing 2E (JMJD2E) (AID 2147) • qHTS Assay for Inhibitors of Fructose-1,6-bisphosphate Aldolase from Giardia Lambblia (AID 2451) • VP16 counterscreen qHTS for inhibitors of ROR gamma transcriptional activity (AID 2546) • qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551) • Fluorescence-based cell-based primary high throughput screening assay to identify inhibitors of TLR9-MyD88 binding. (AID 504734) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979)
BRD-K15342451-001-05-7 ZINC01422297 AC1LT6KQ MLS000729012 HMS2726N22 ZINC1422297 STK775737 SMR000307290 ST4103656 PubChem CID : 1503254		NA (in 1 replicates)	-0.72	NA				<p>Total number of assays tested in: 626. Active in the following assays:</p> <ul style="list-style-type: none"> • MLPCN Alpha-Synuclein 5'UTR - 5'UTR binding - activators (AID 1814) • Aqueous Solubility from MLSMR Stock Solutions (AID 1996) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) • qHTS Assay to Identify Small Molecule Activators of BRCA1 Expression (AID 624202) • TRFRET-based biochemical primary high throughput screening assay to identify inhibitors of 5-mCpG-binding domain protein 2 (MBD2)-DBD binding to methylated oligonucleotide (AID 686964) • Counterscreen for inhibitors of 5-mCpG-binding domain protein 2 (MBD2): TRFRET-based biochemical primary high throughput screening assay to identify inhibitors of binding of ubiquitin-like with PHD and ring finger domains 1 (UHRF1) to methylated oligonucleotide (AID 687016)
BRD-K60430317-001-01-7 PubChem CID : 44490267		0.67 (in 4 replicates)	-0.66	0.102				<p>Total number of assays tested in: 54.</p>

BRD-K60656884-001-01-0 PubChem CID : 54618107		0.76 (in 4 replicates)	-0.65	0.892				Total number of assays tested in: 36.
BRD-K04648846-001-02-1 MLS003129529 SMR001833975 PubChem CID : 44505579		0.74 (in 3 replicates)	-0.65	0.200				Total number of assays tested in: 222.
BRD-A04171102-003-05-4 SMR000008890 MLS000029546 AC1O7EQU MLS002535860 PubChem CID : 6602543		NA (in 1 replicates)	-0.65	NA				Total number of assays tested in: 761. Active in the following assays: <ul style="list-style-type: none"> qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490) qHTS Assay for Inhibitors of Histone Lysine Methyltransferase Clna (AID 504332) qHTS Assay for Inhibitors of JMJD2A-Tudor Domain (AID 504339)
BRD-K08668362-001-01-1 PubChem CID : 54646090		NA (in 1 replicates)	-0.64	0.990				Total number of assays tested in: 41.
BRD-K90734091-001-01-8 PubChem CID : 44489743		0.76 (in 4 replicates)	-0.63	NA				Total number of assays tested in: 52.
BRD-K15505145-001-01-0 PubChem CID : 44485749		0.57 (in 3 replicates)	-0.63	0.820				Total number of assays tested in: 34.
BRD-K69503483-001-01-0 PubChem CID : 54618106		0.86 (in 4 replicates)	-0.62	0.909				Total number of assays tested in: 36. Active in the following assays: <ul style="list-style-type: none"> Inhibition of the MLL-AF4-AF9 Interaction in Pediatric Leukemia Measured in Biochemical System Using Plate Reader - 2160-01 Inhibitor.SinglePoint.HTS Activity (AID 651704)

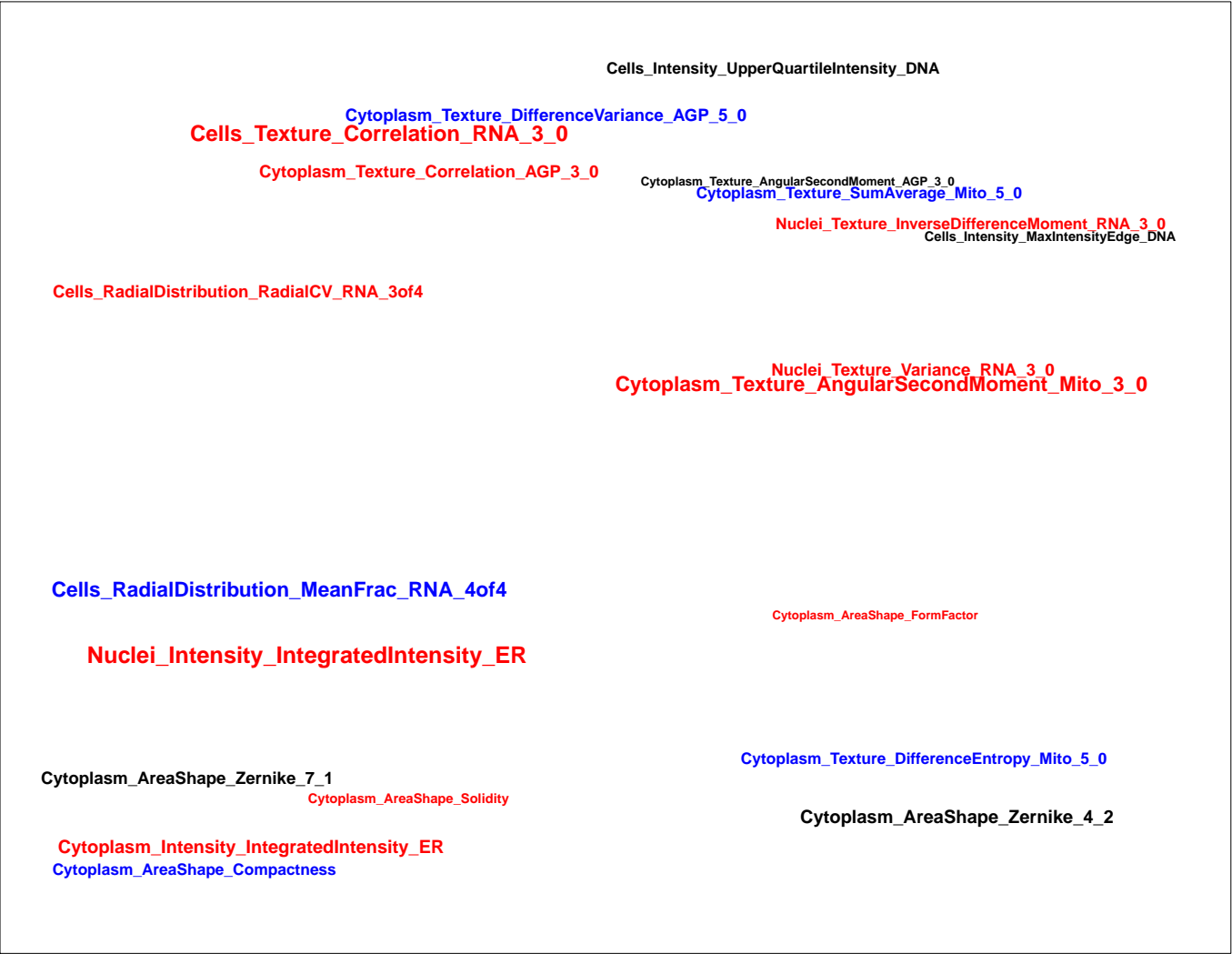
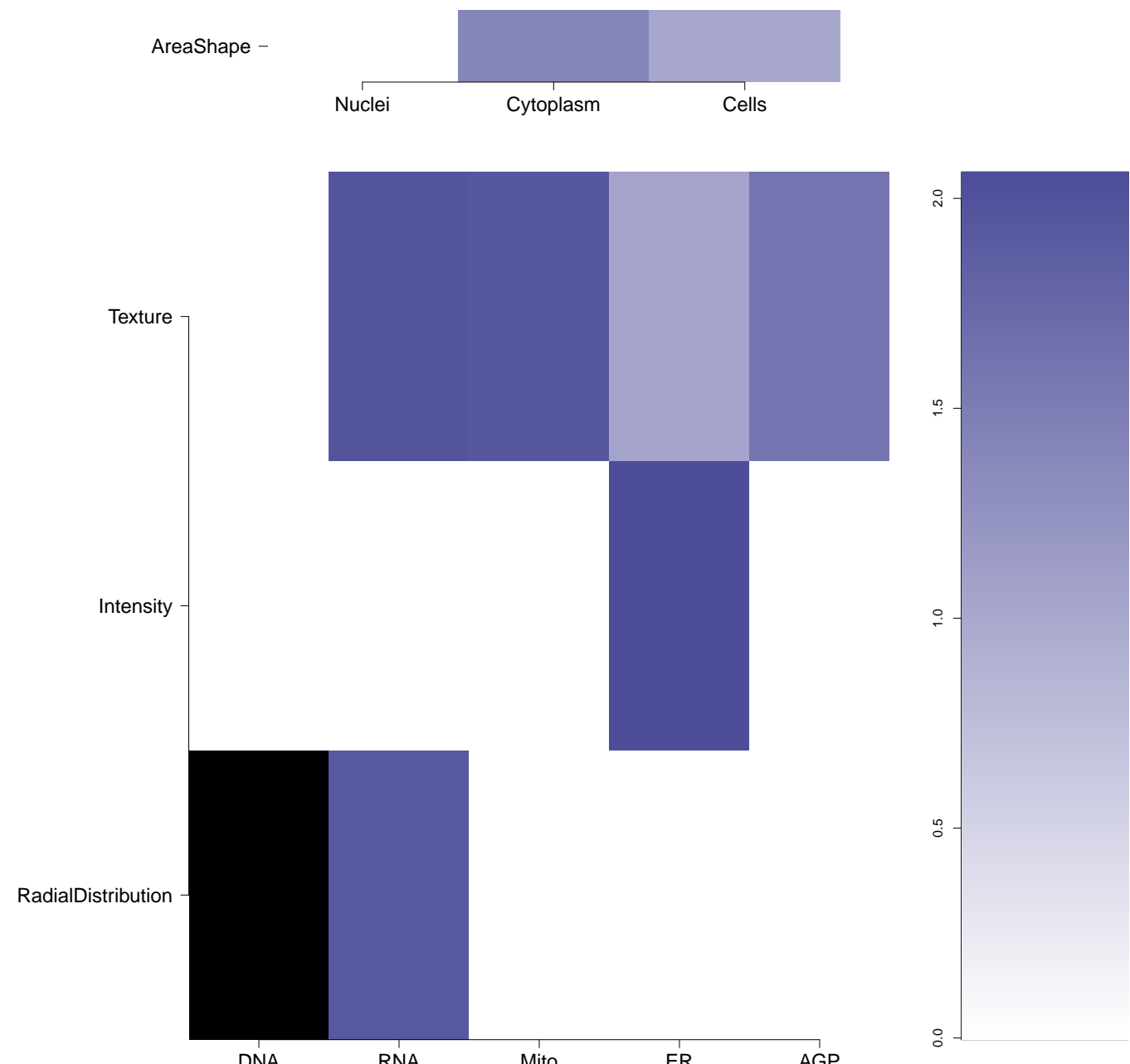
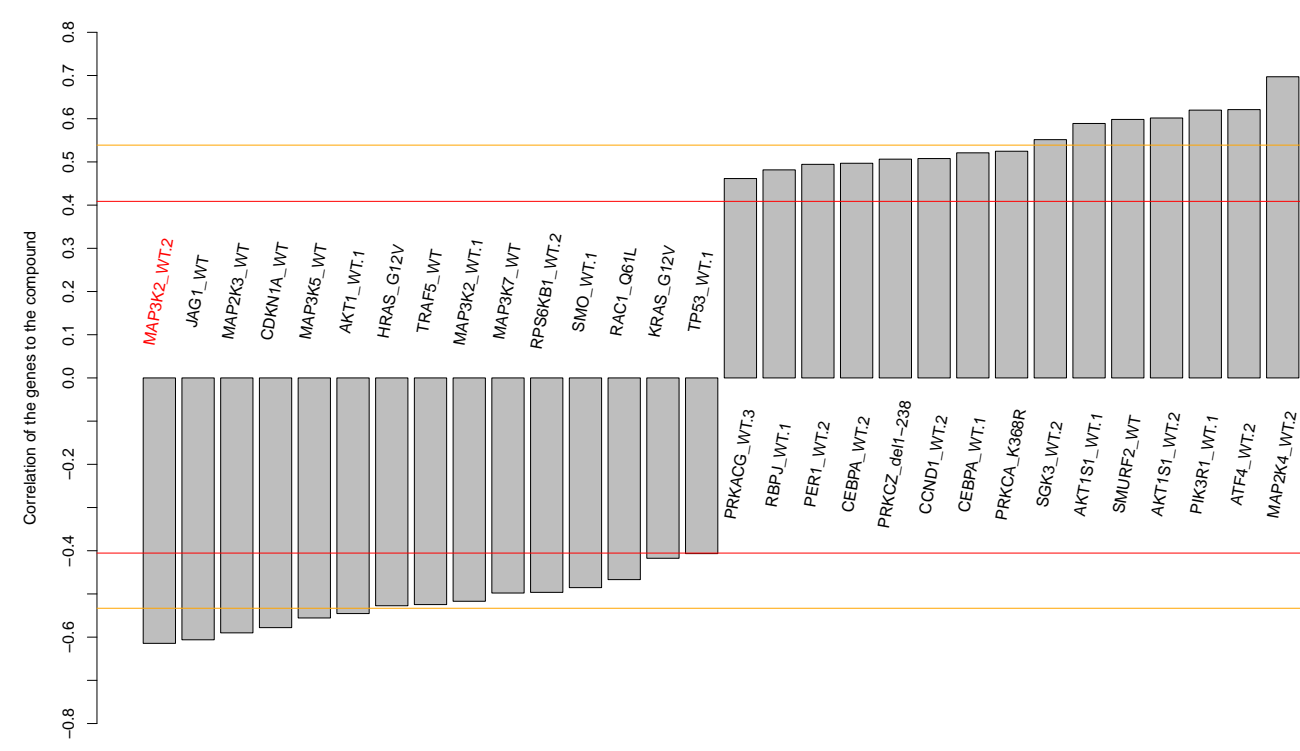
BRD-K18001731-001-01-7
PubChem CID : 54646091



NA (in 1 replicates)

-0.61

0.985



Total number of assays tested in: 41.