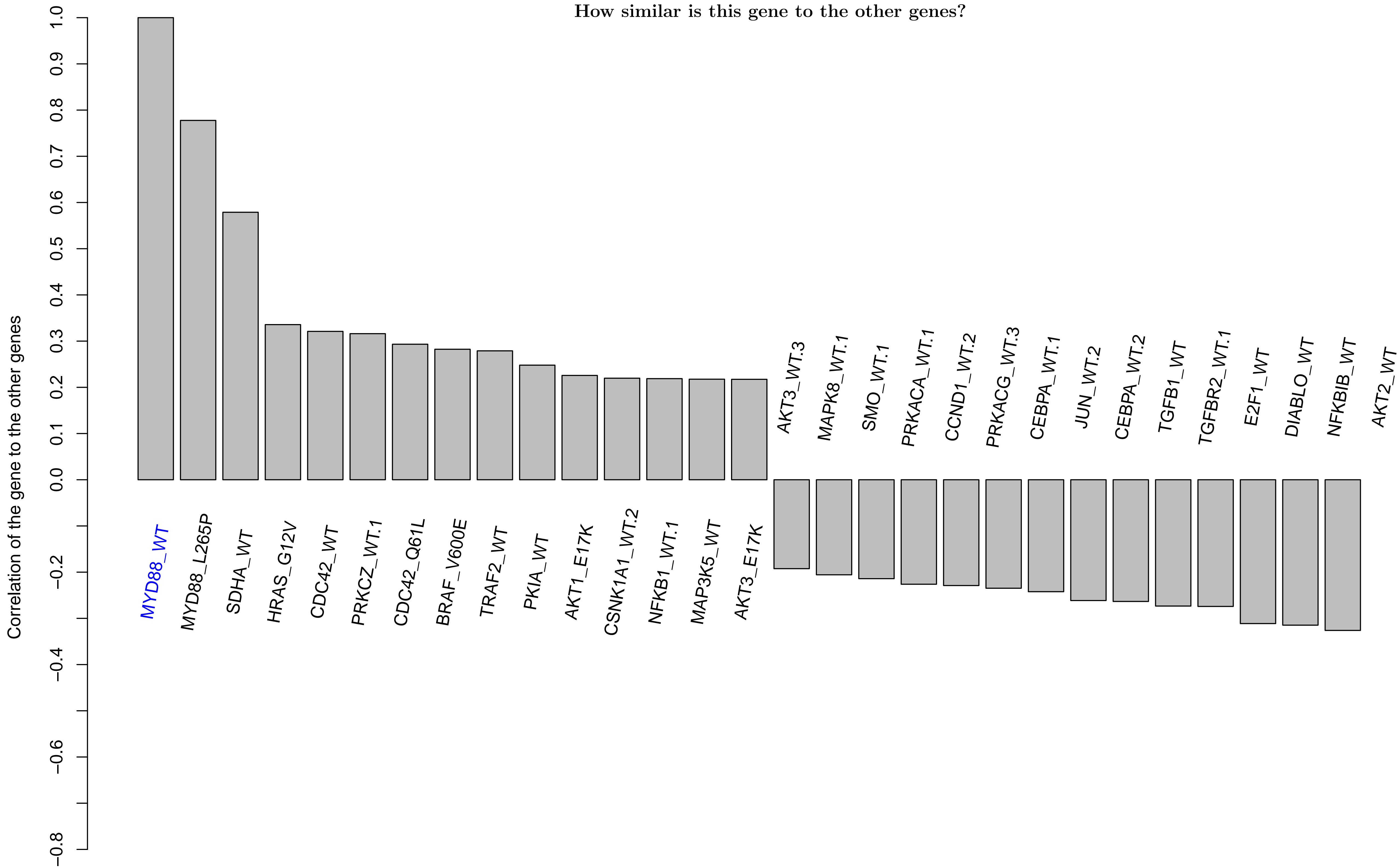
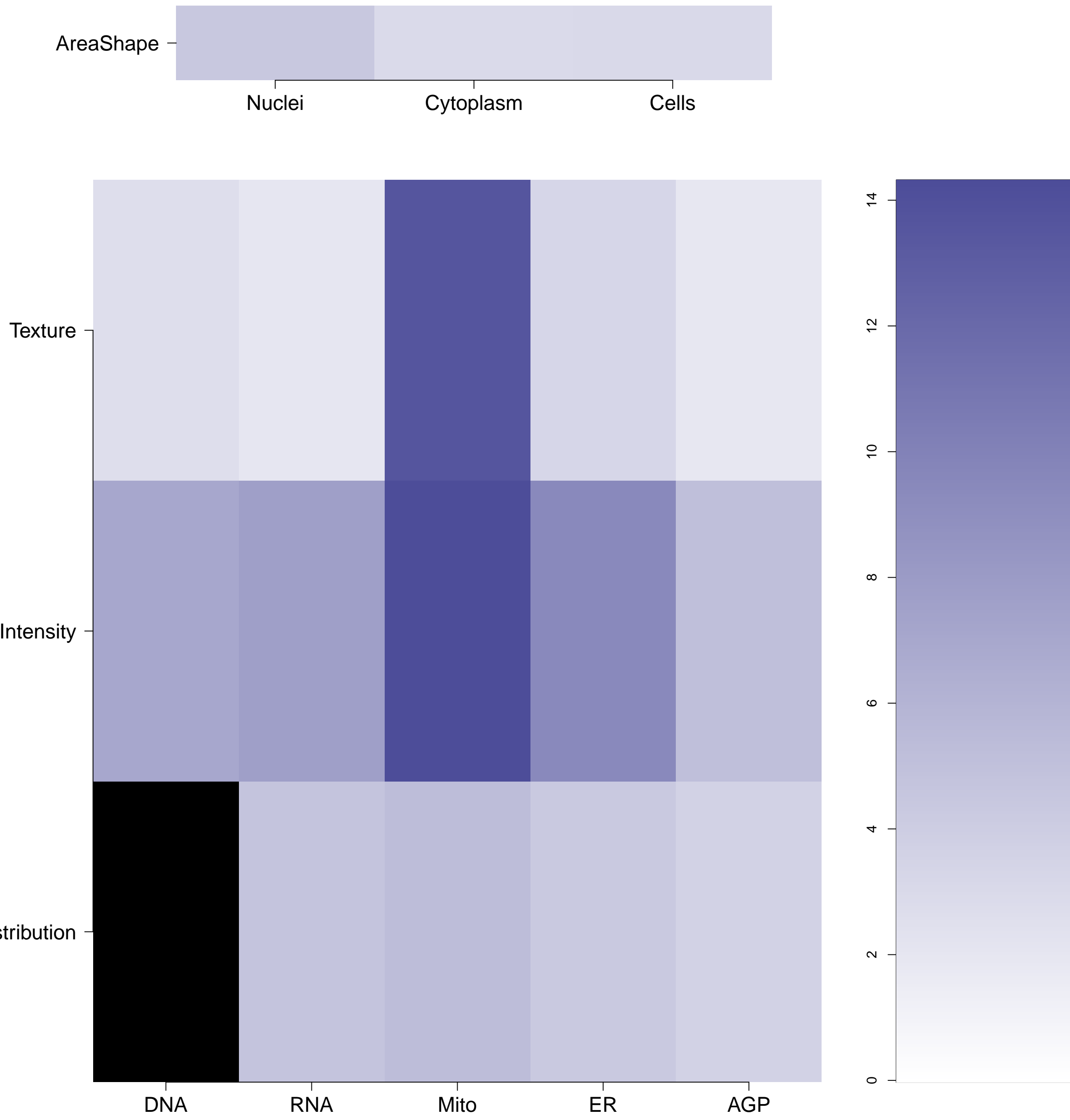


MYD88.WT - in Canonical NFkB

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

MYD88.WT (41744)

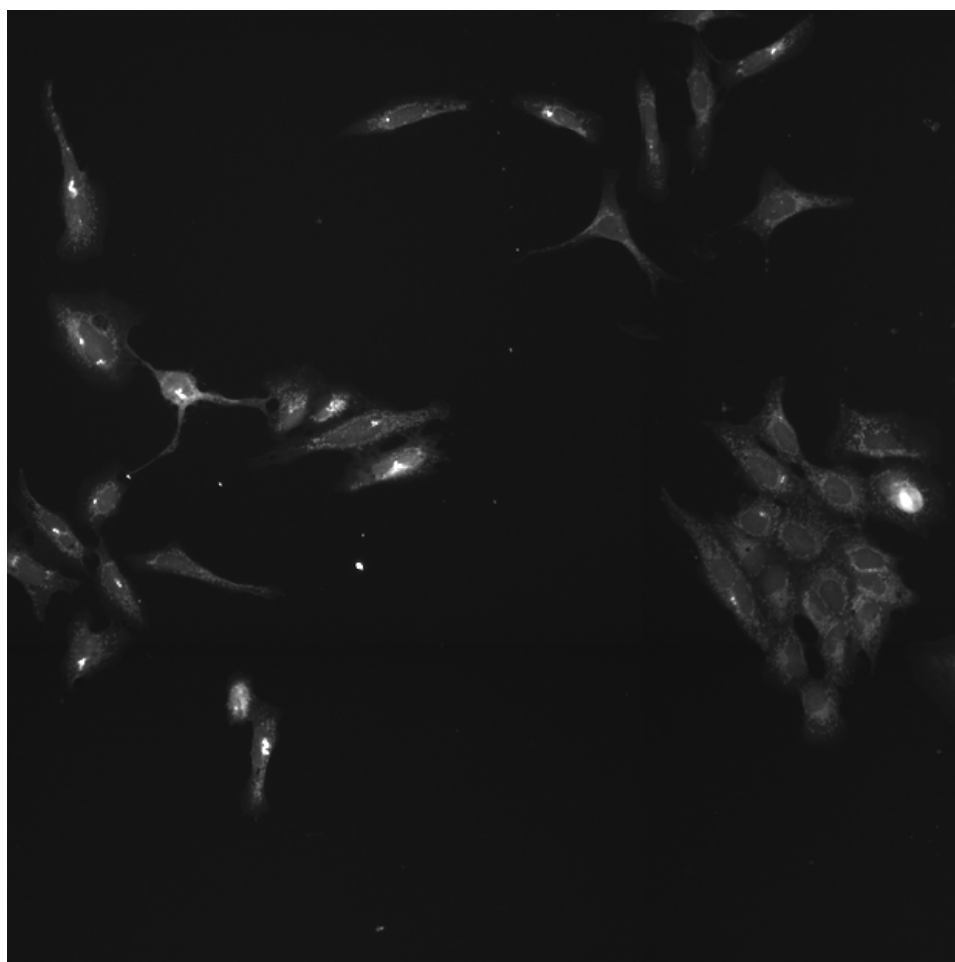
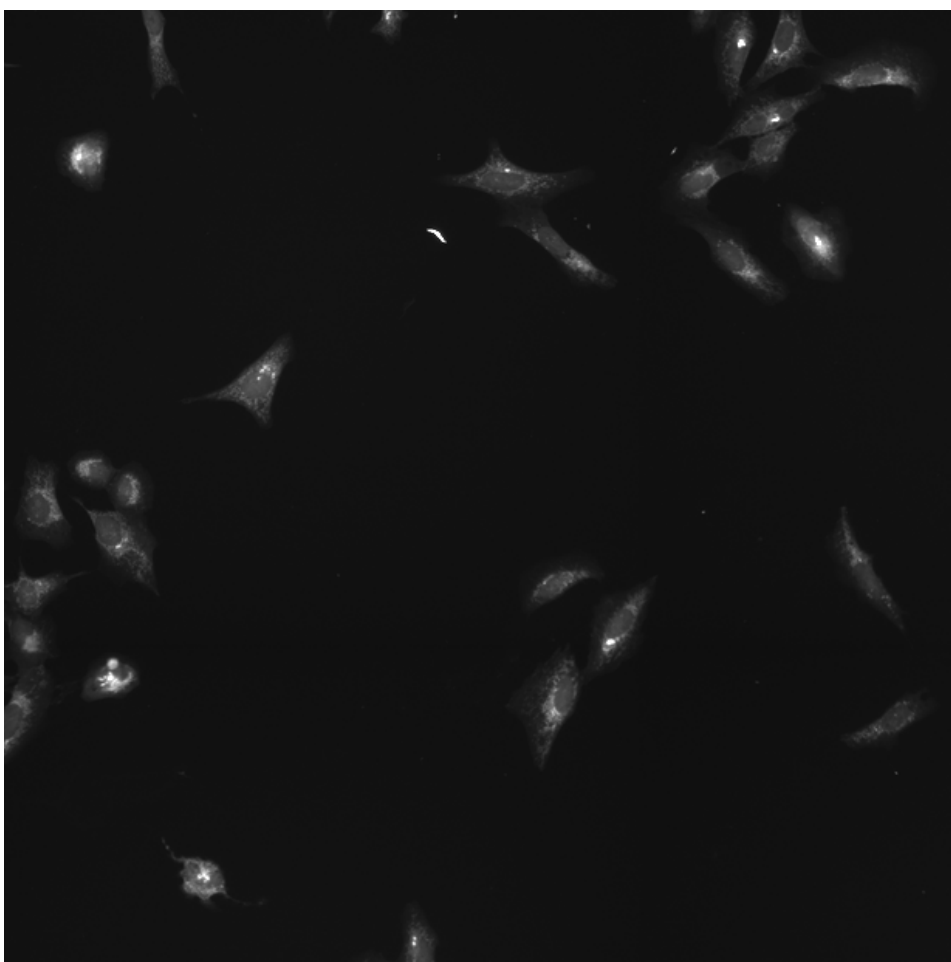
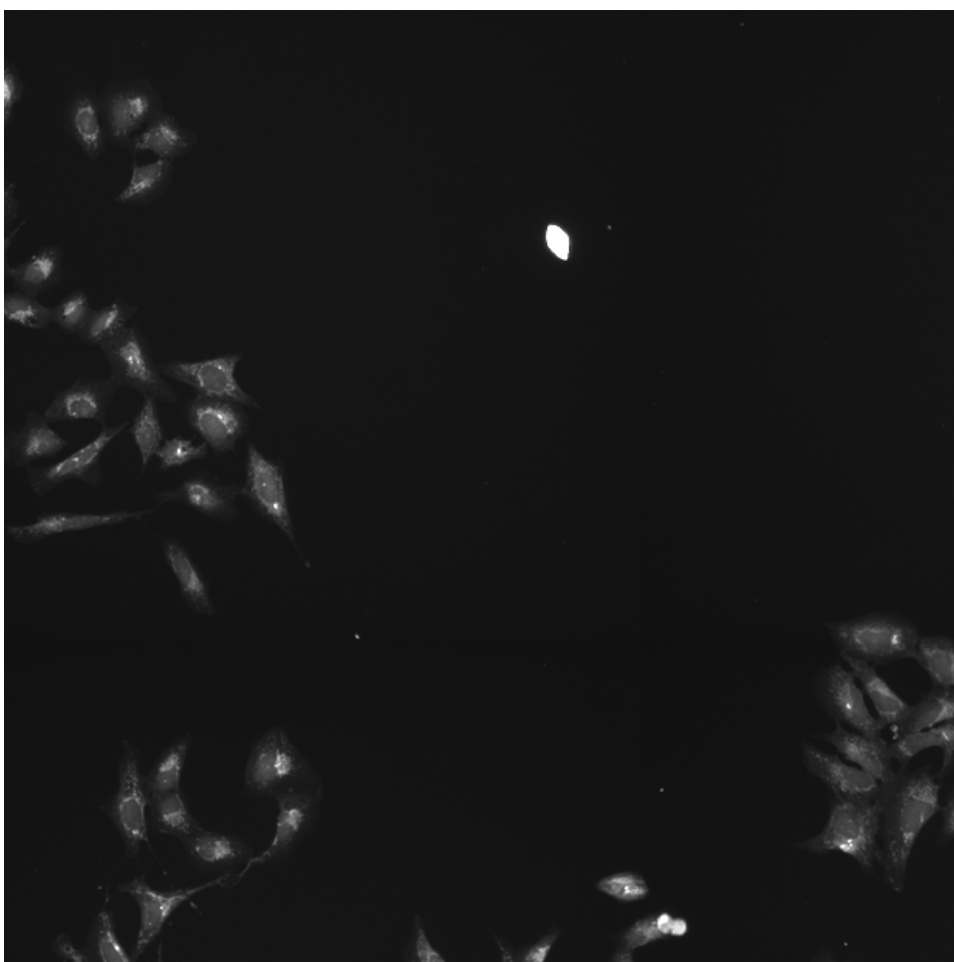
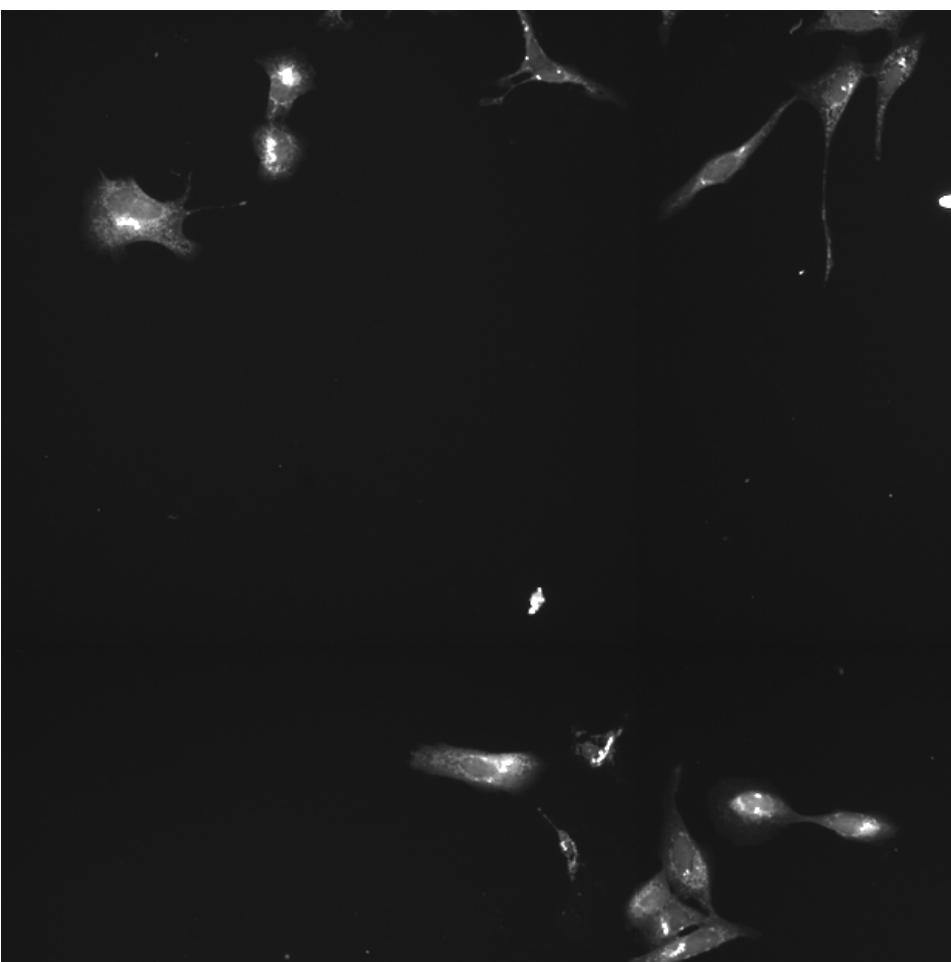
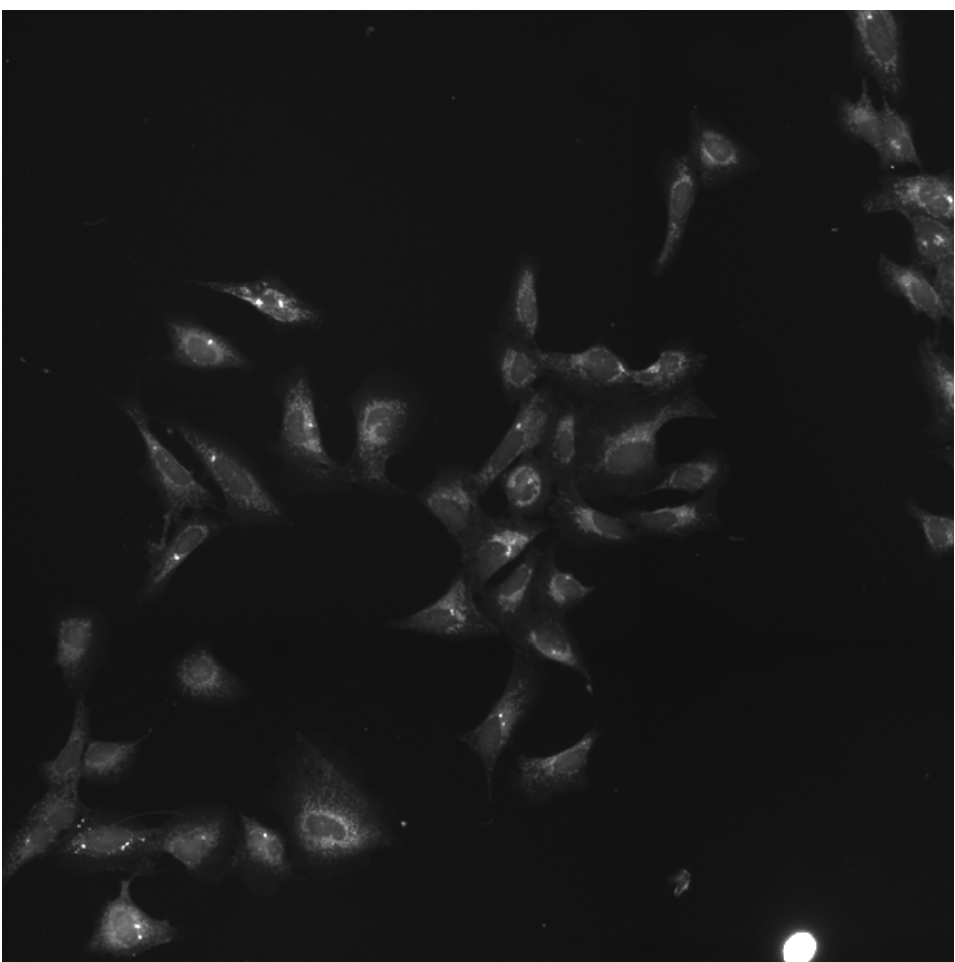
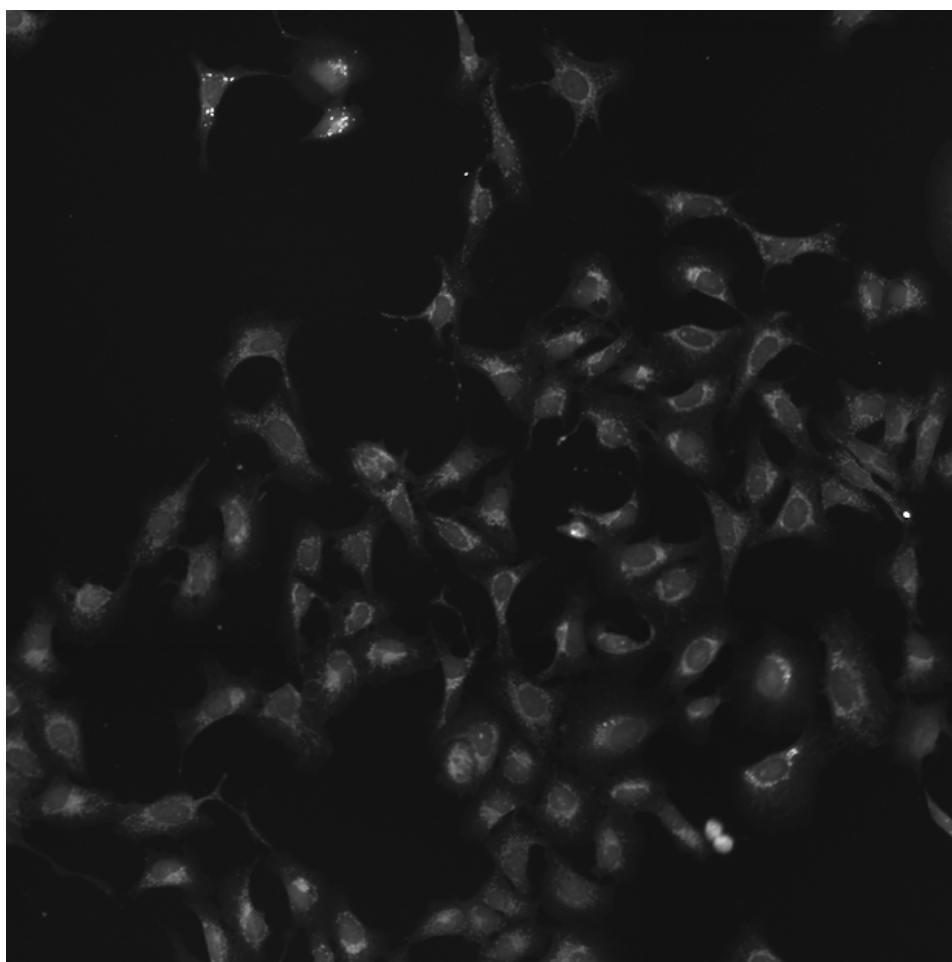
MYD88.WT (41755)

MYD88.WT (41756)

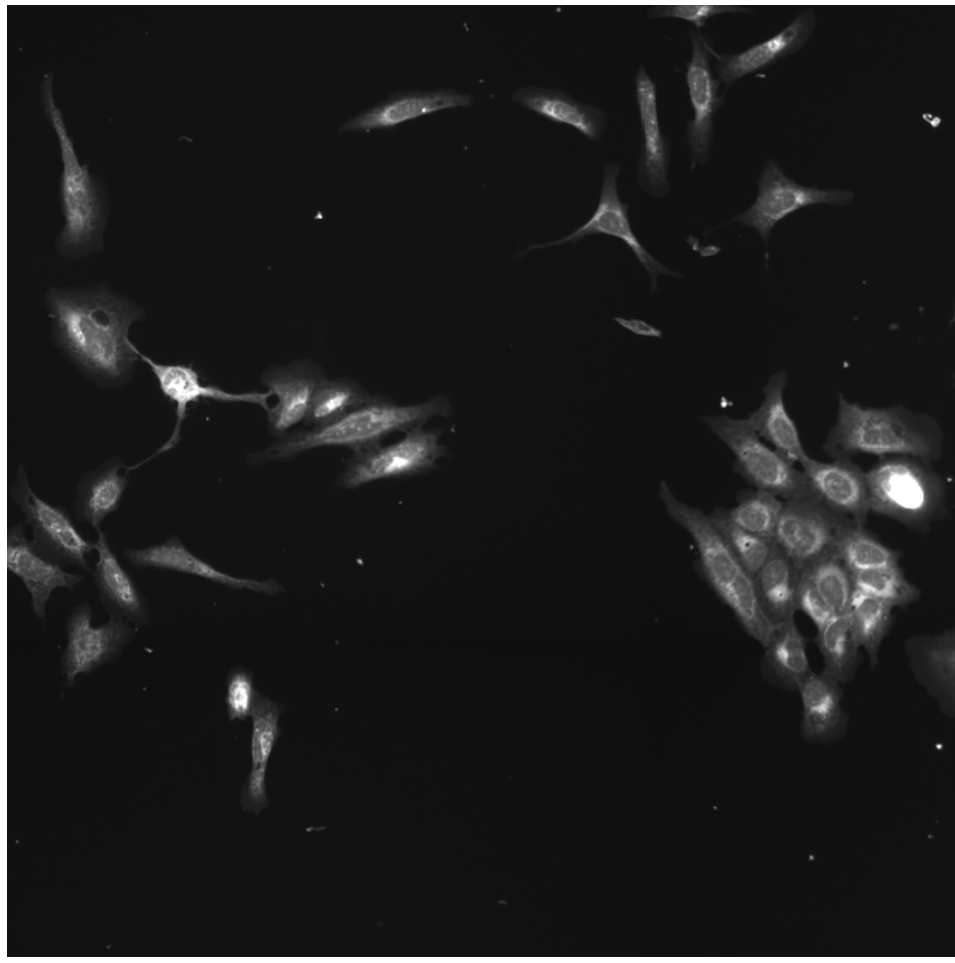
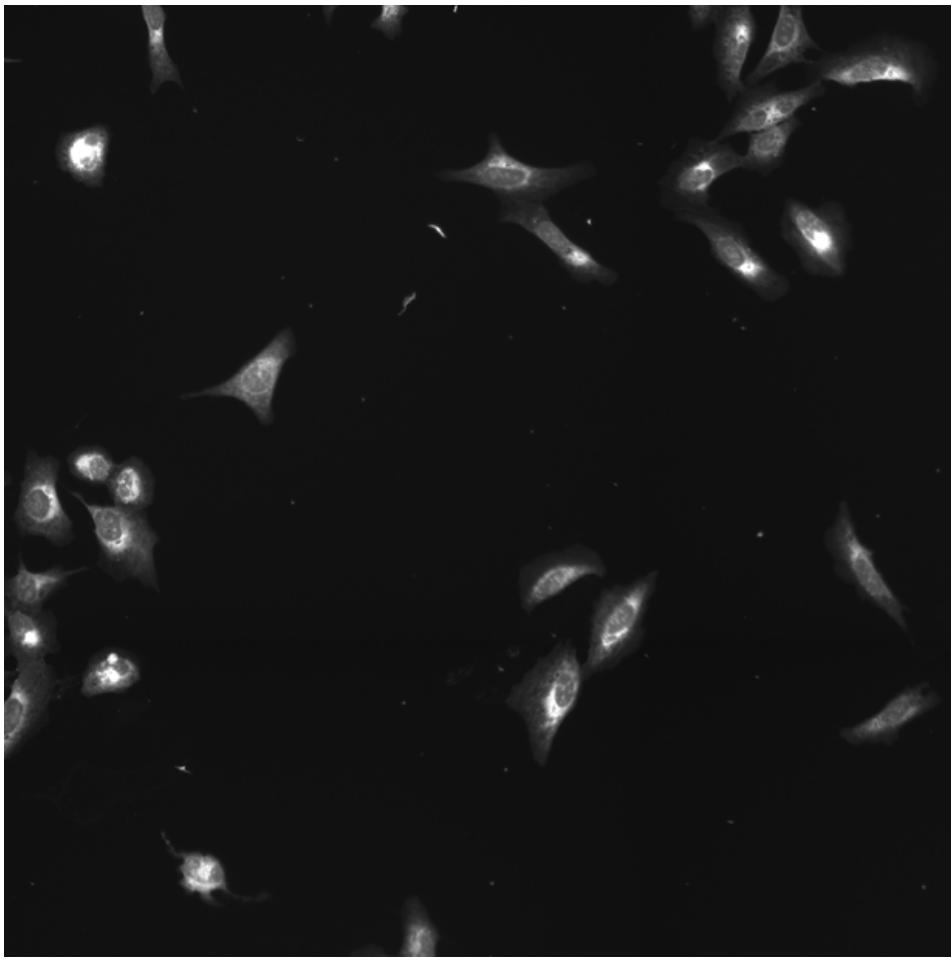
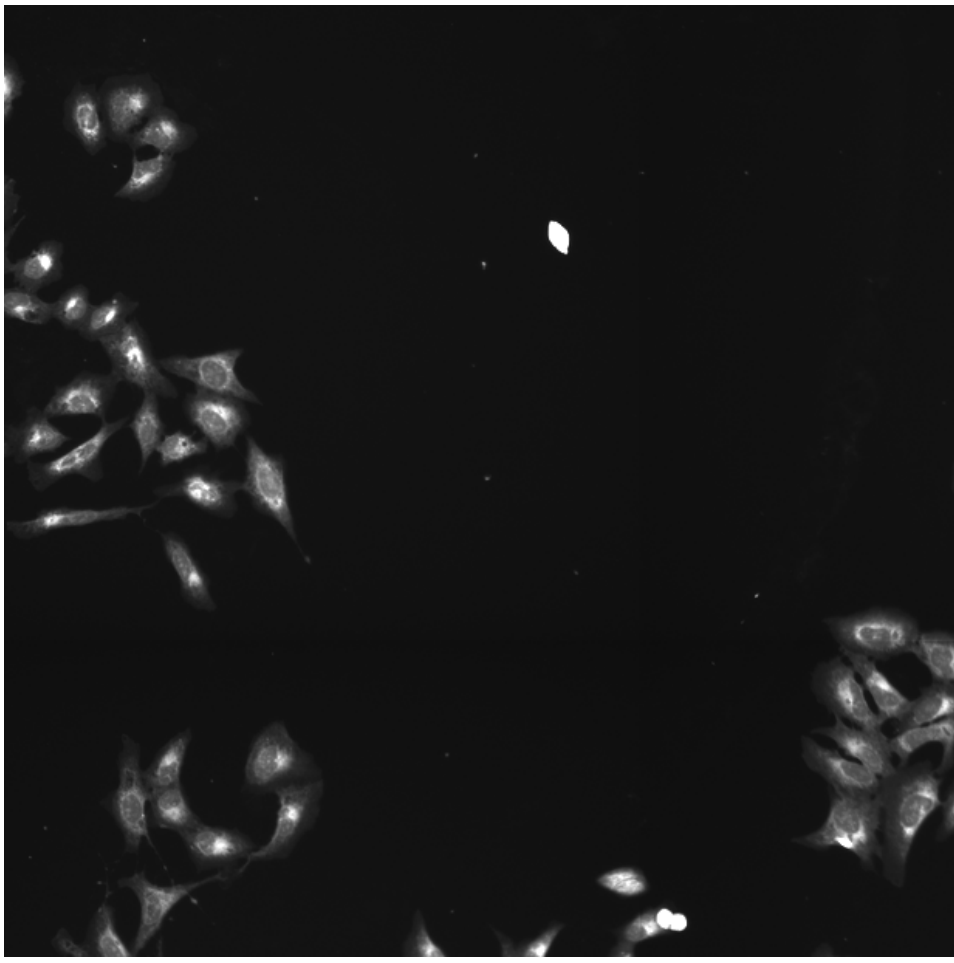
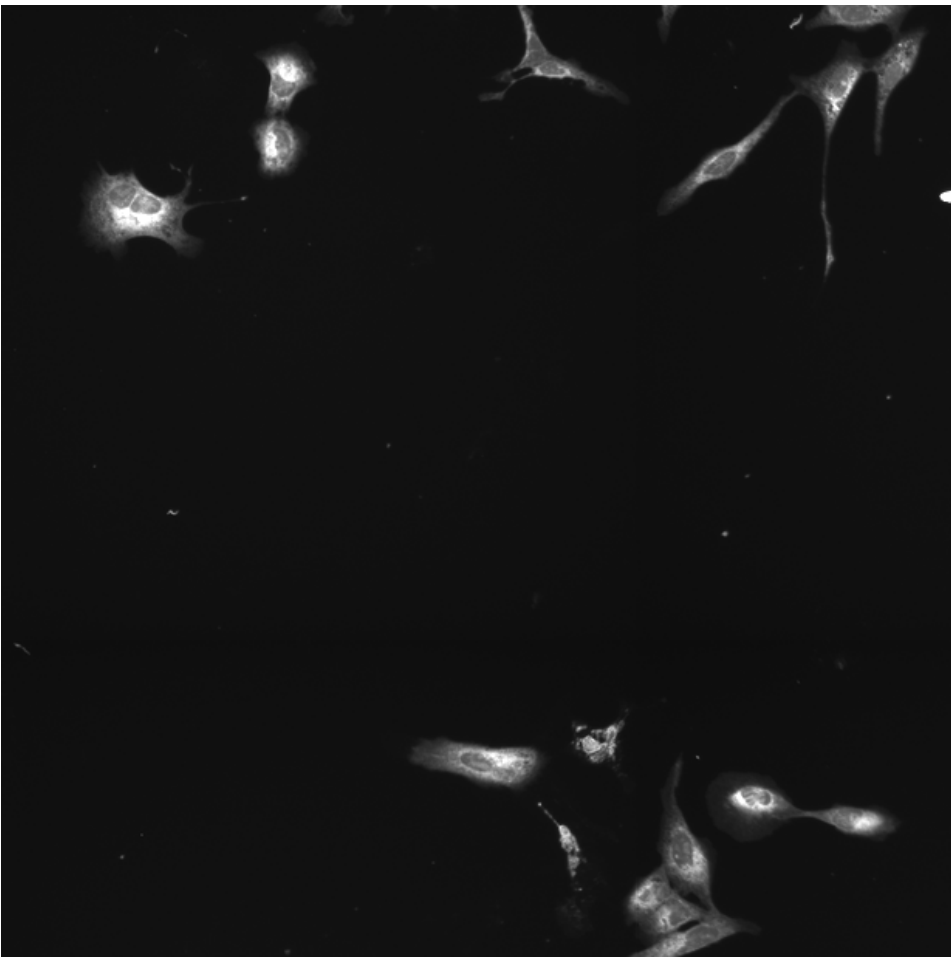
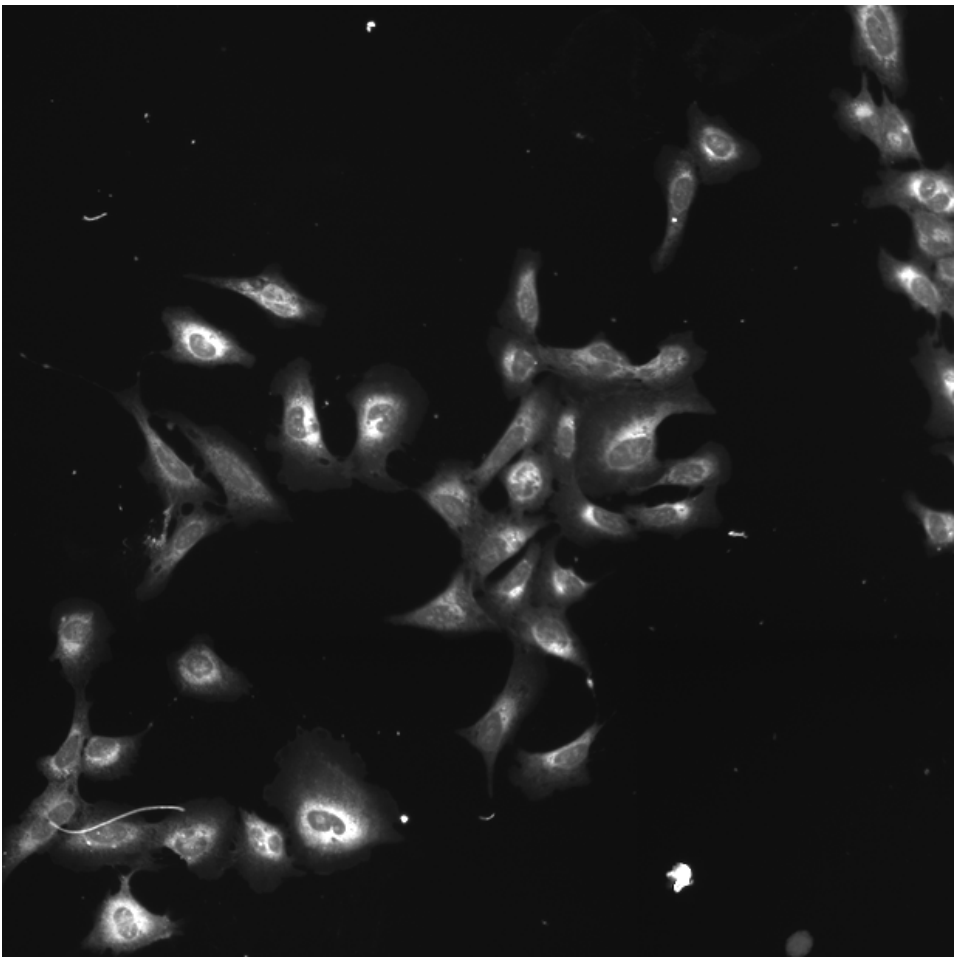
MYD88.WT (41757)

MYD88.WT (41754)

Mito

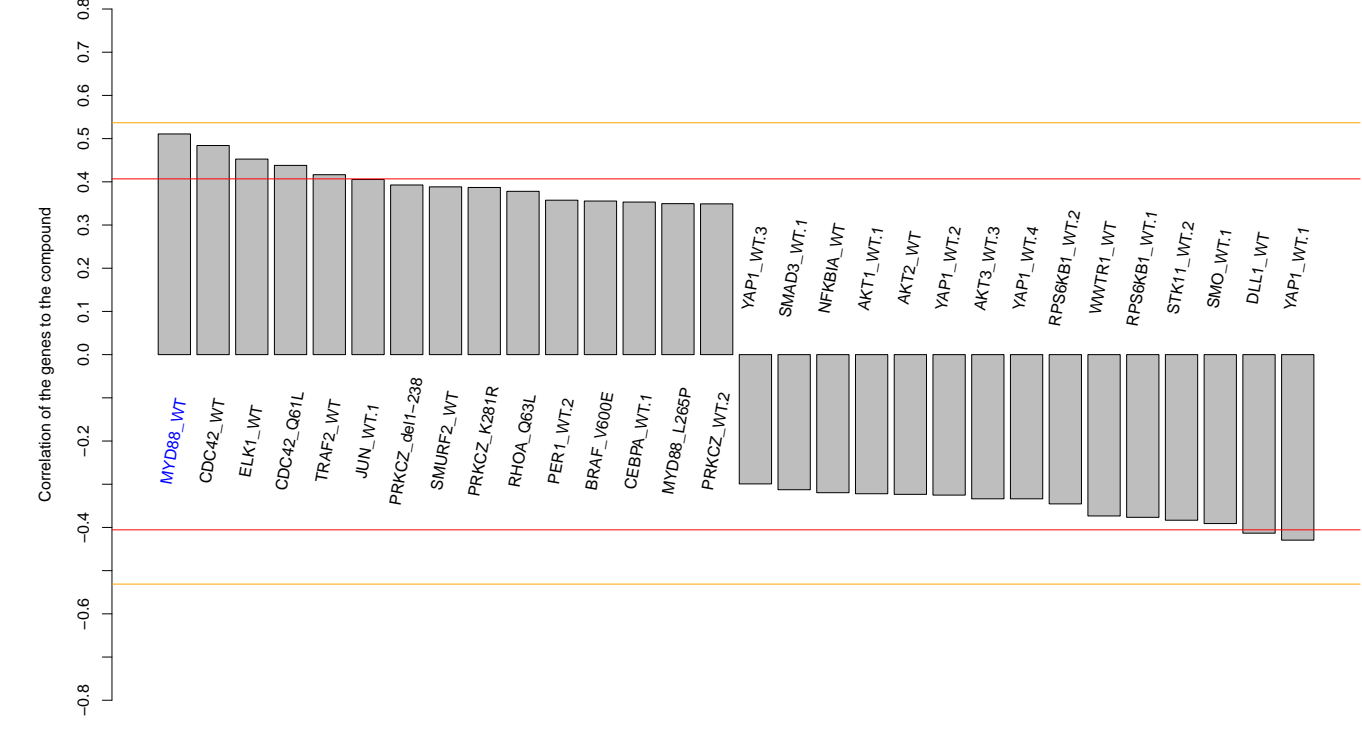
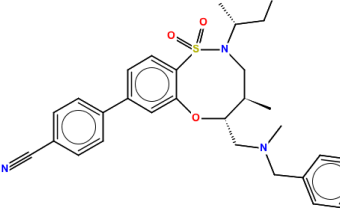
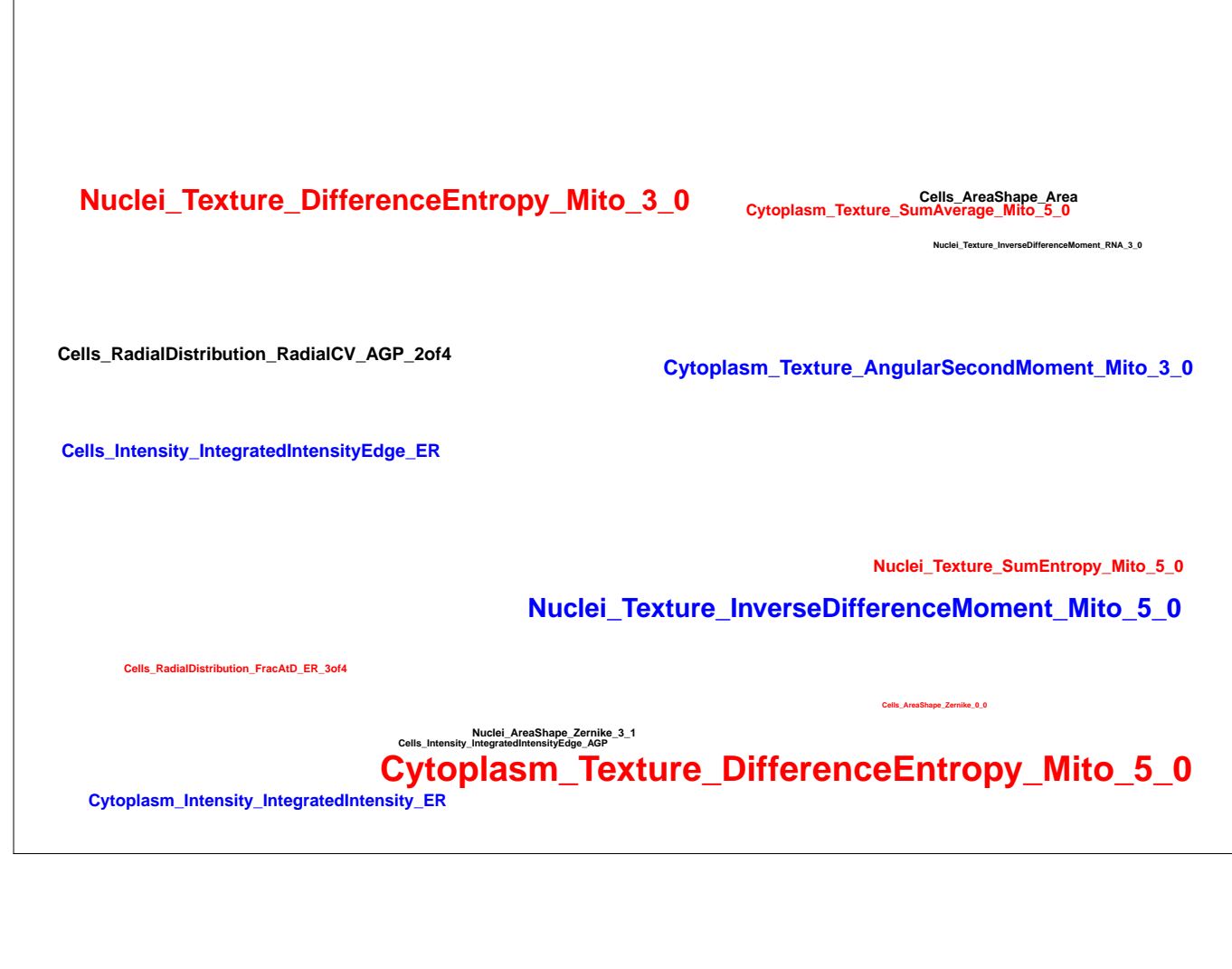


ER

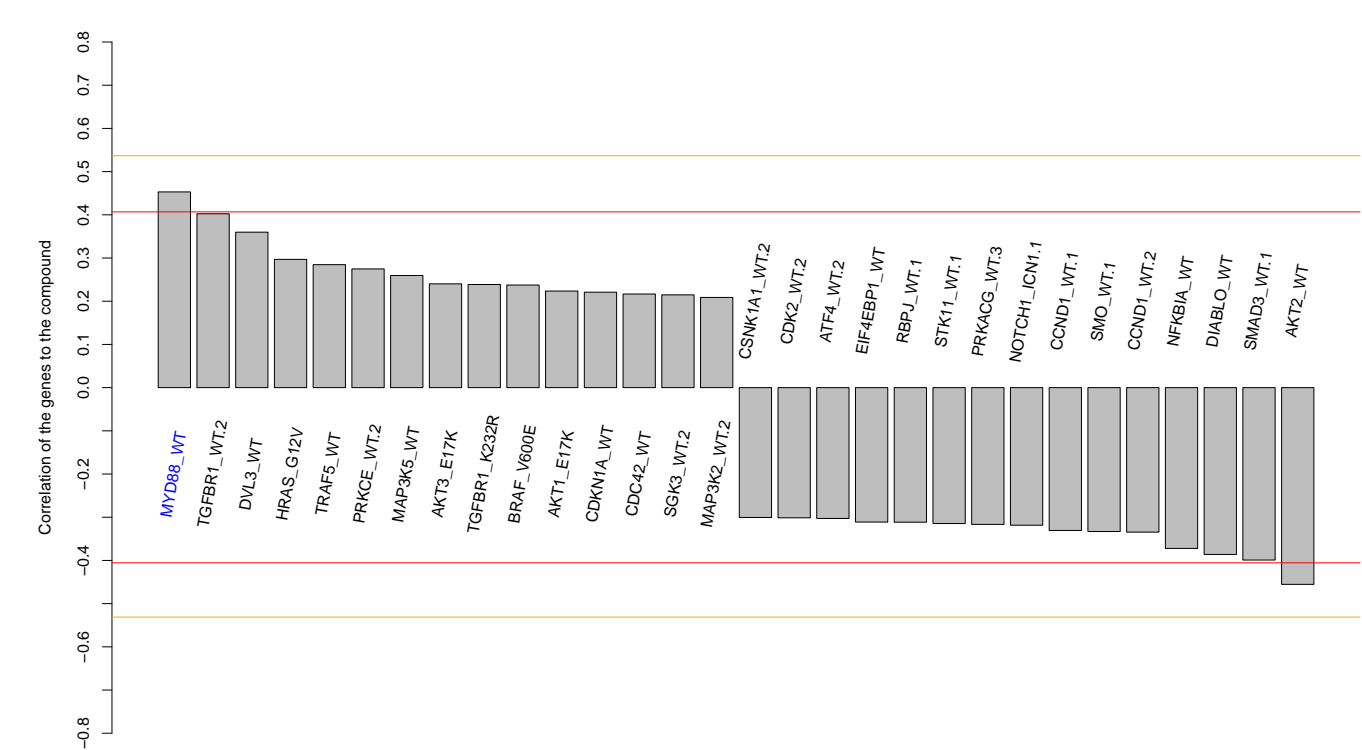
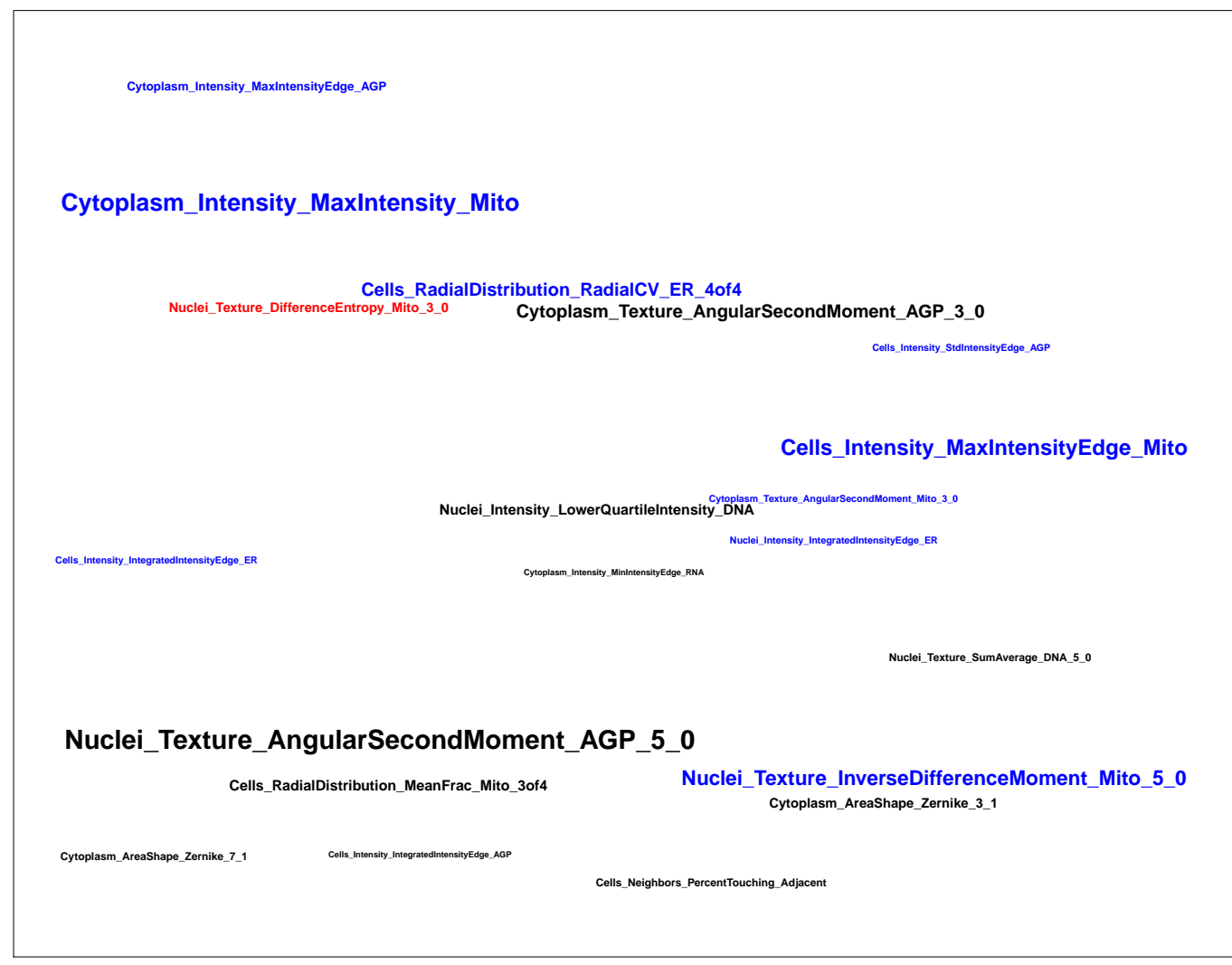
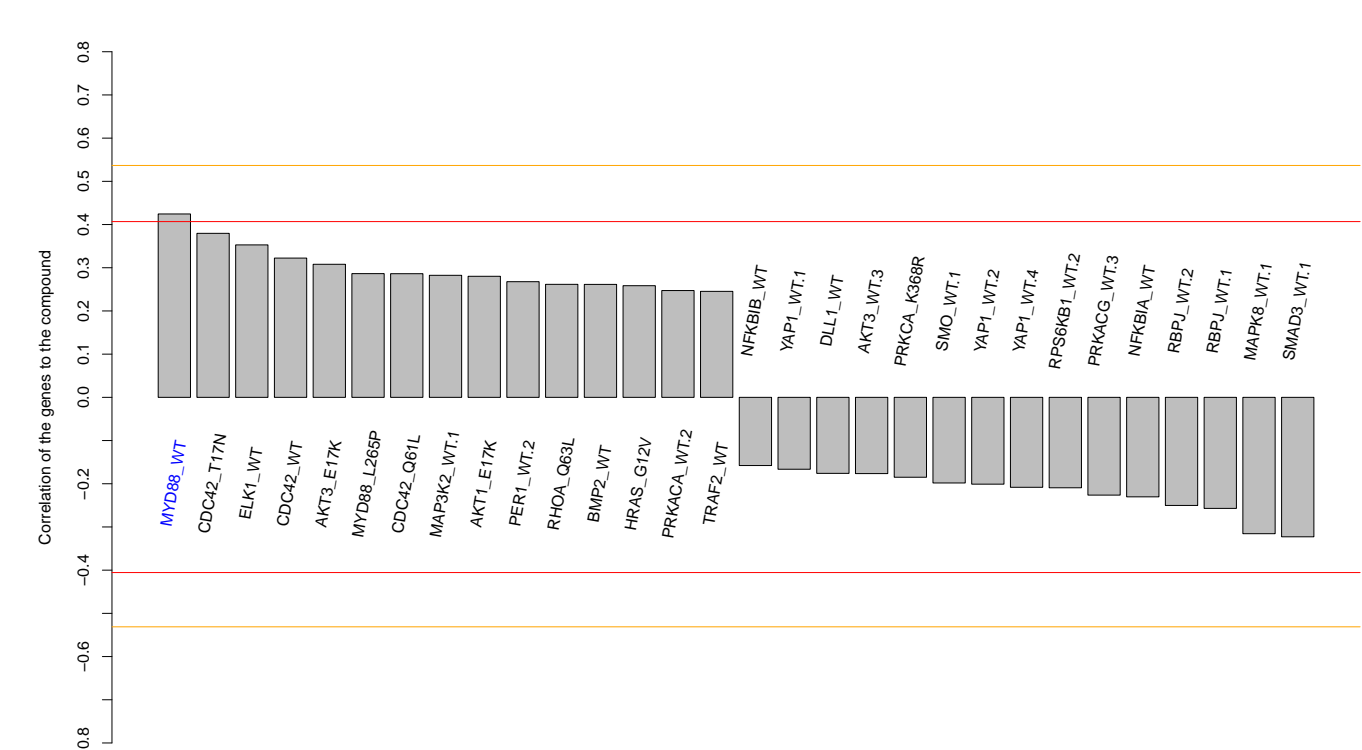
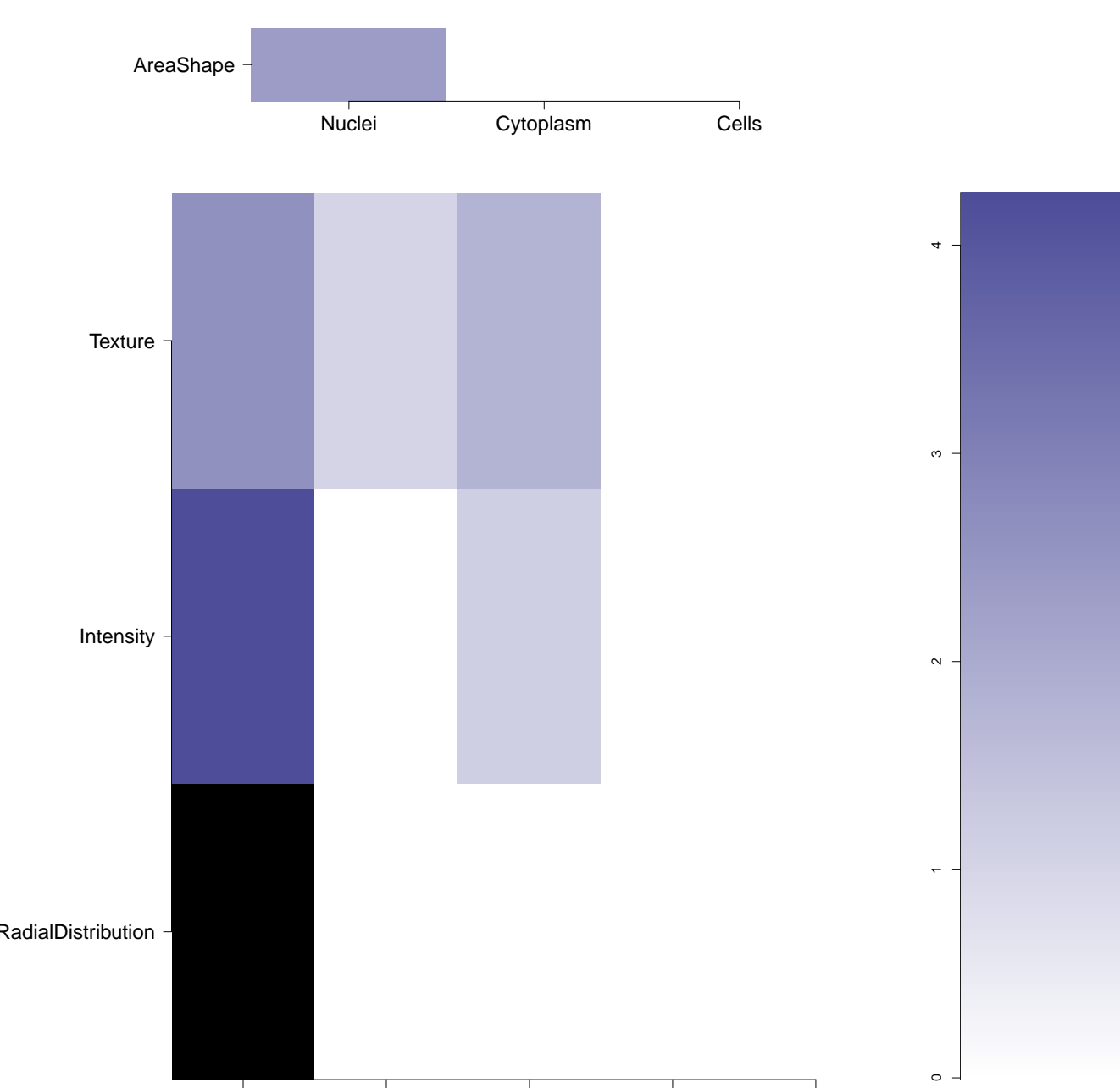
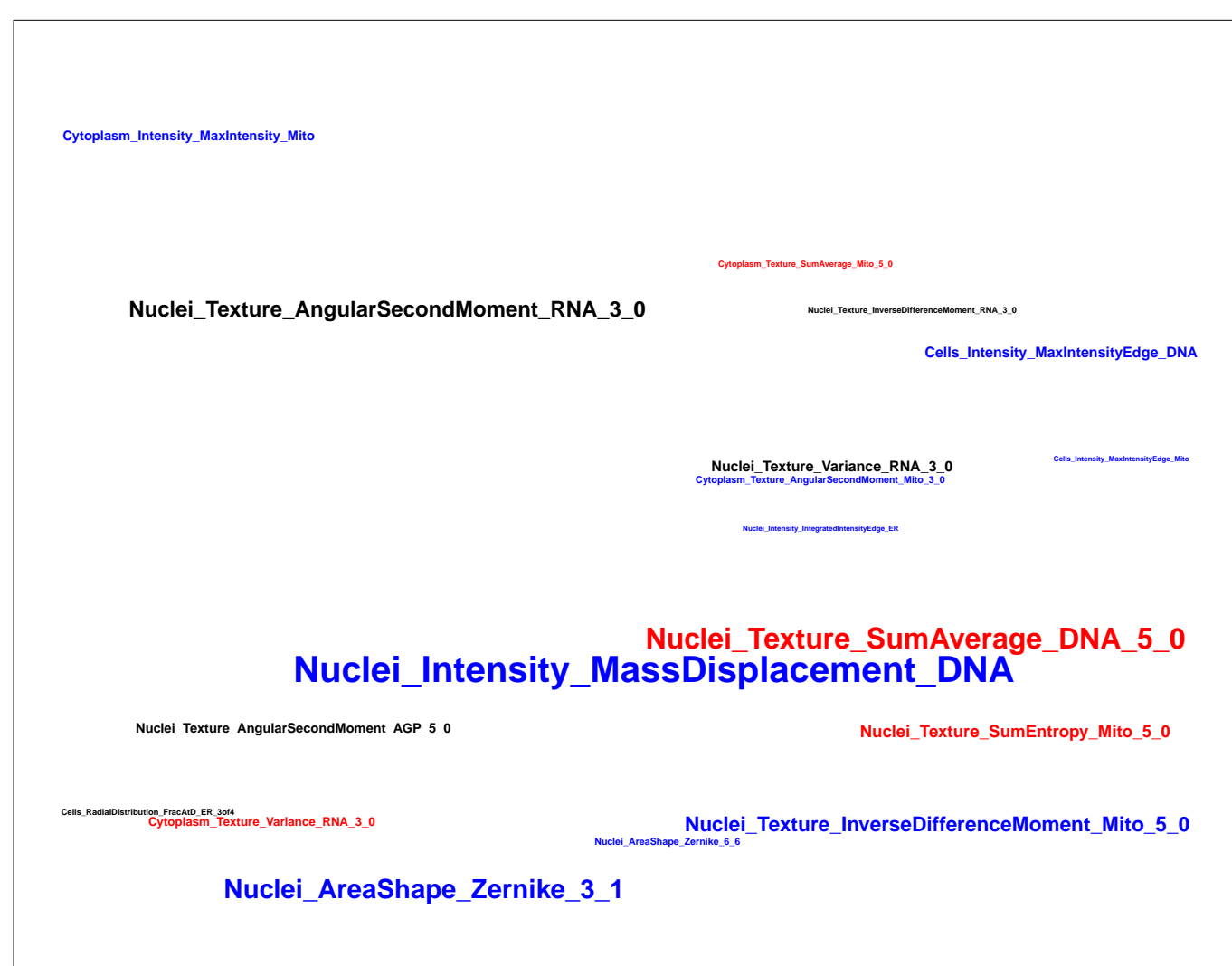
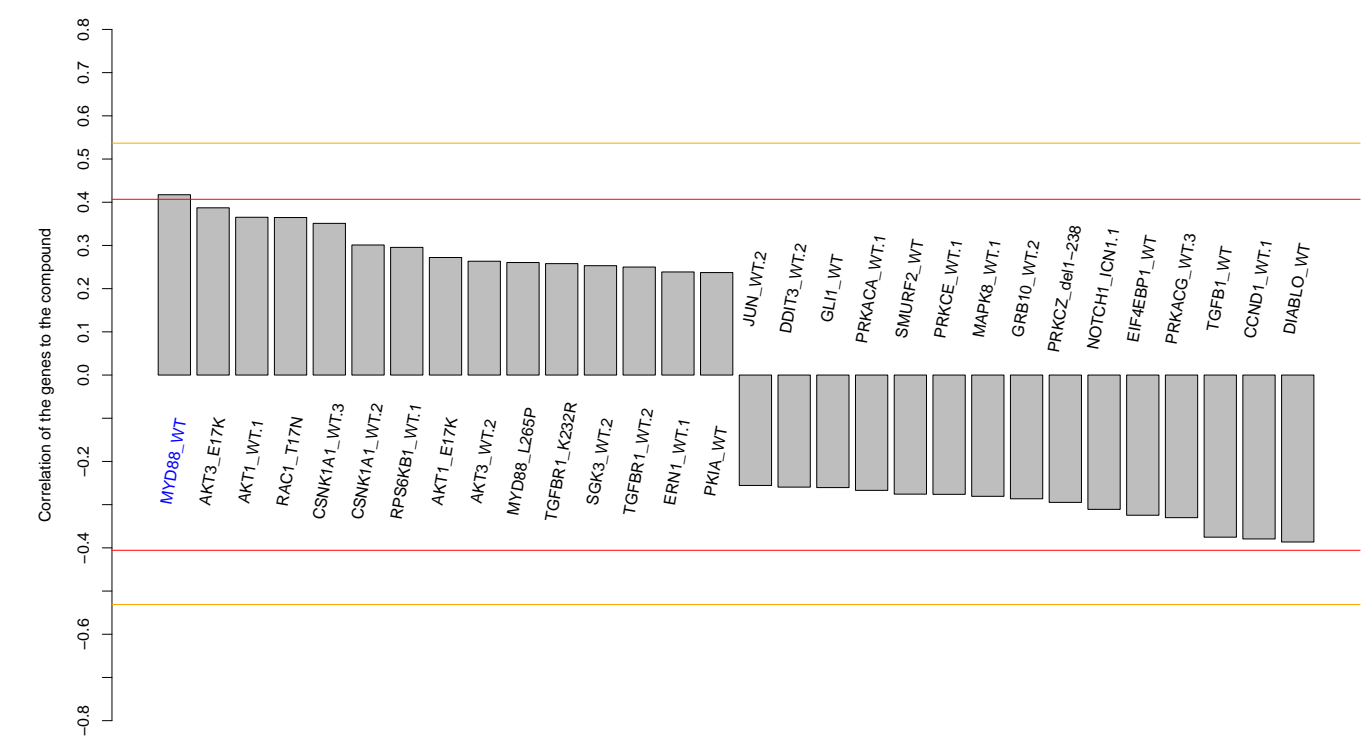
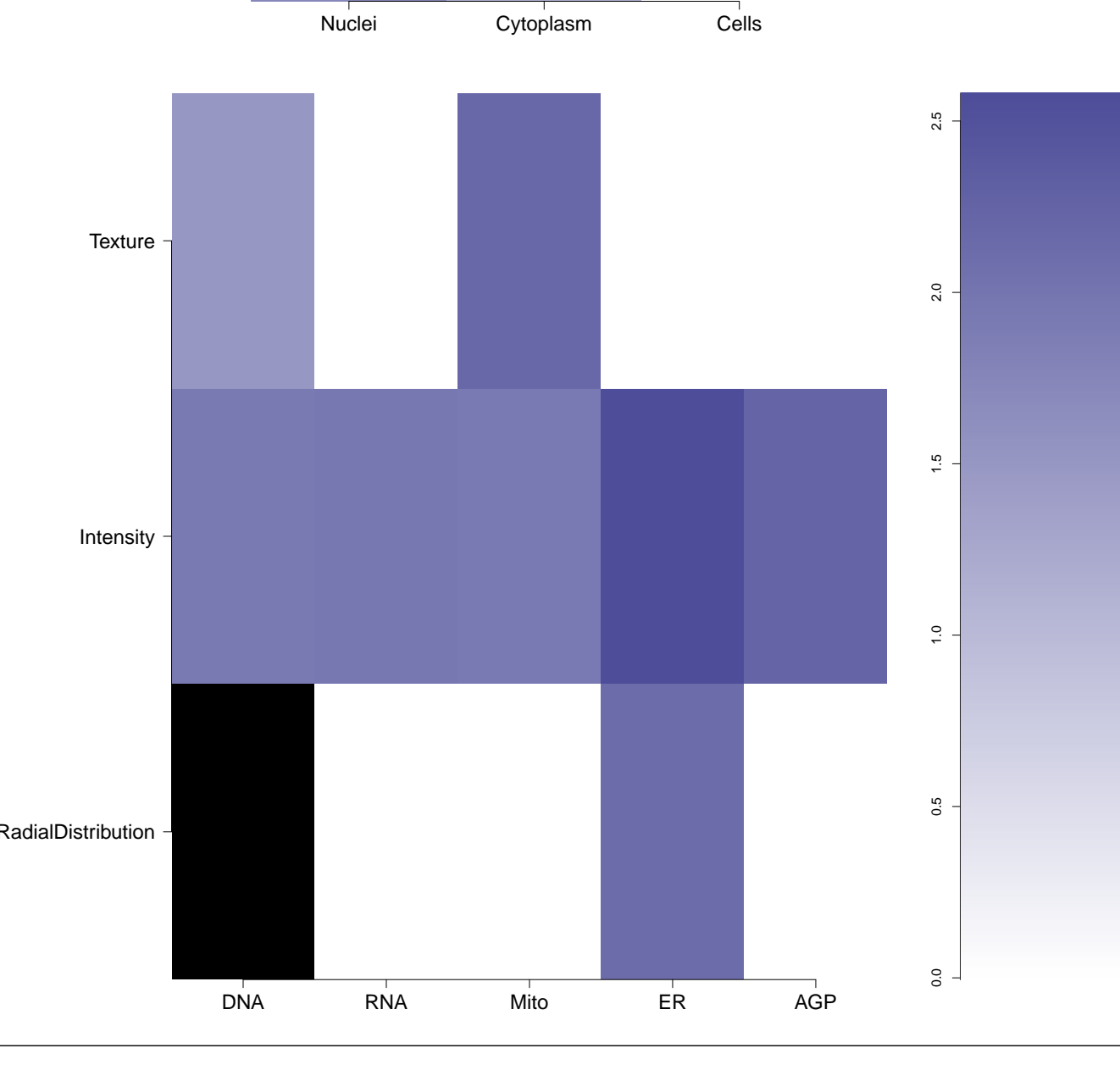
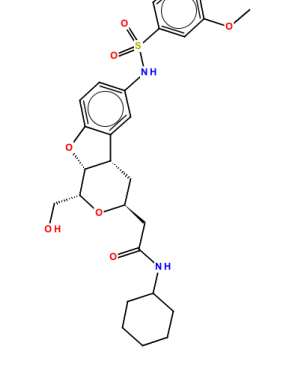


Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.52)	Correlation between compound 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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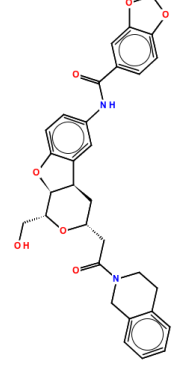
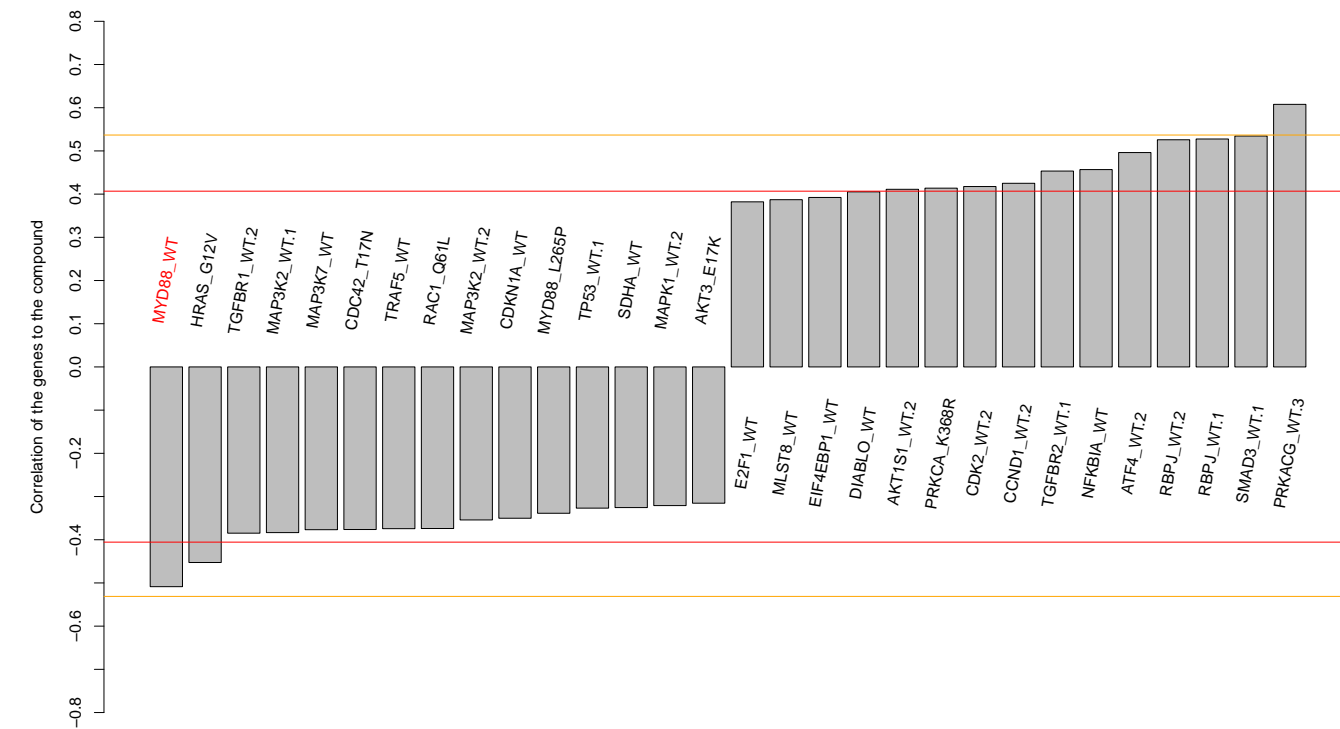
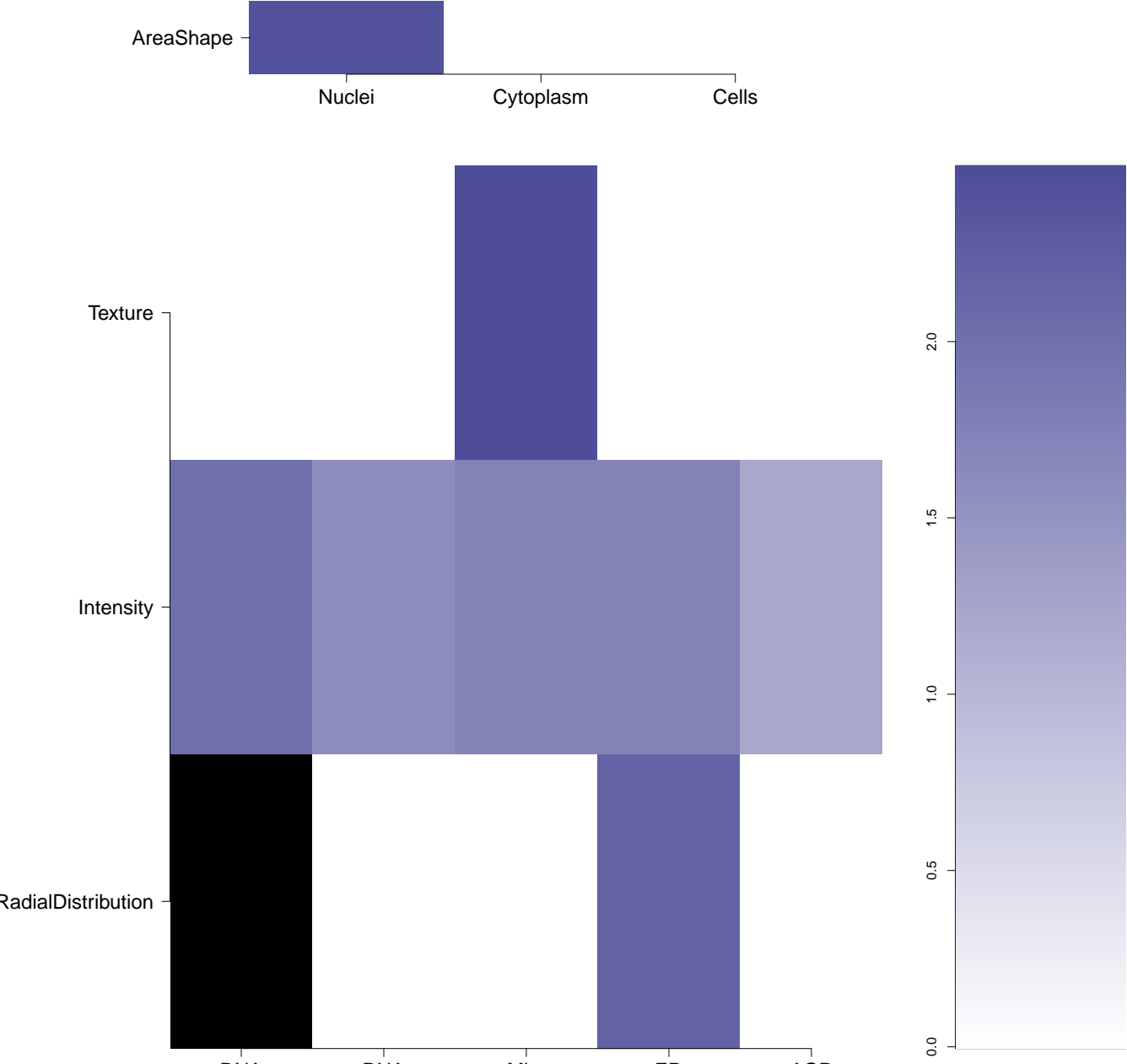

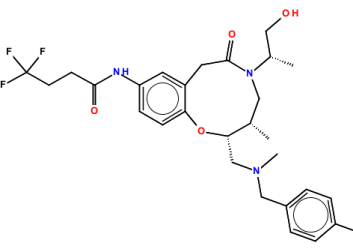
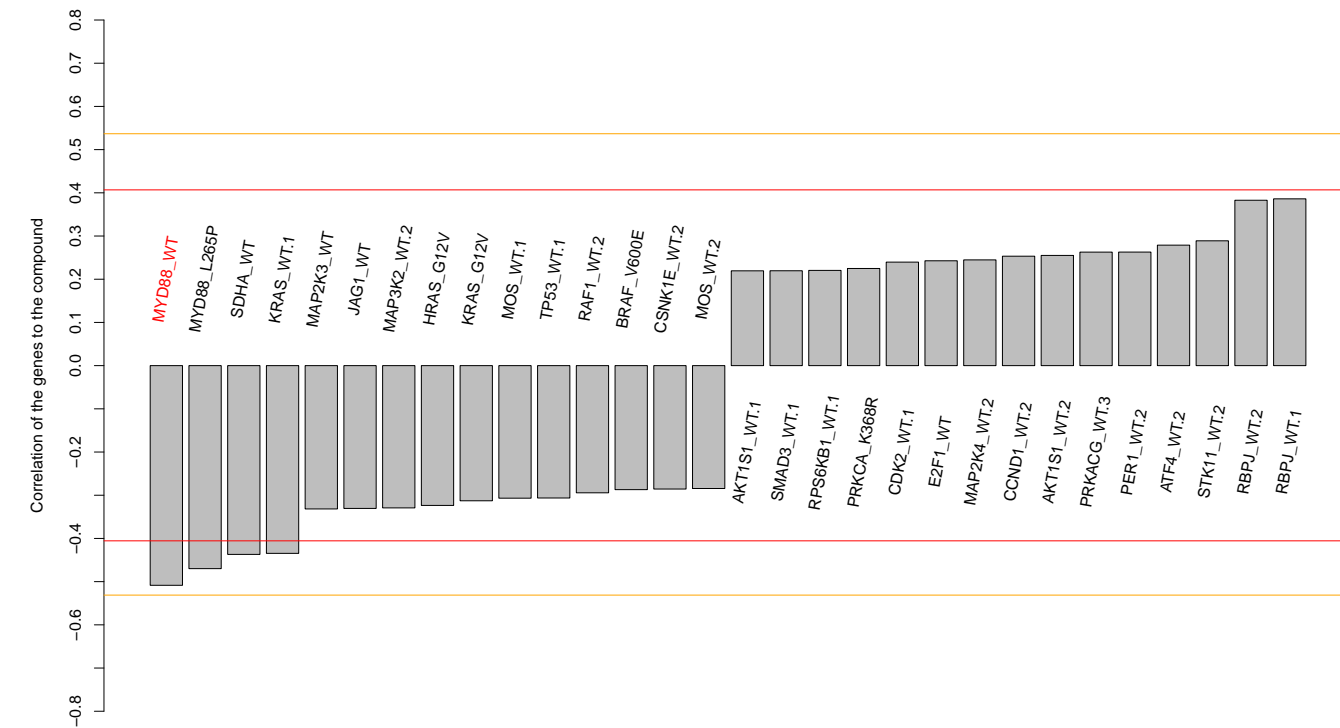
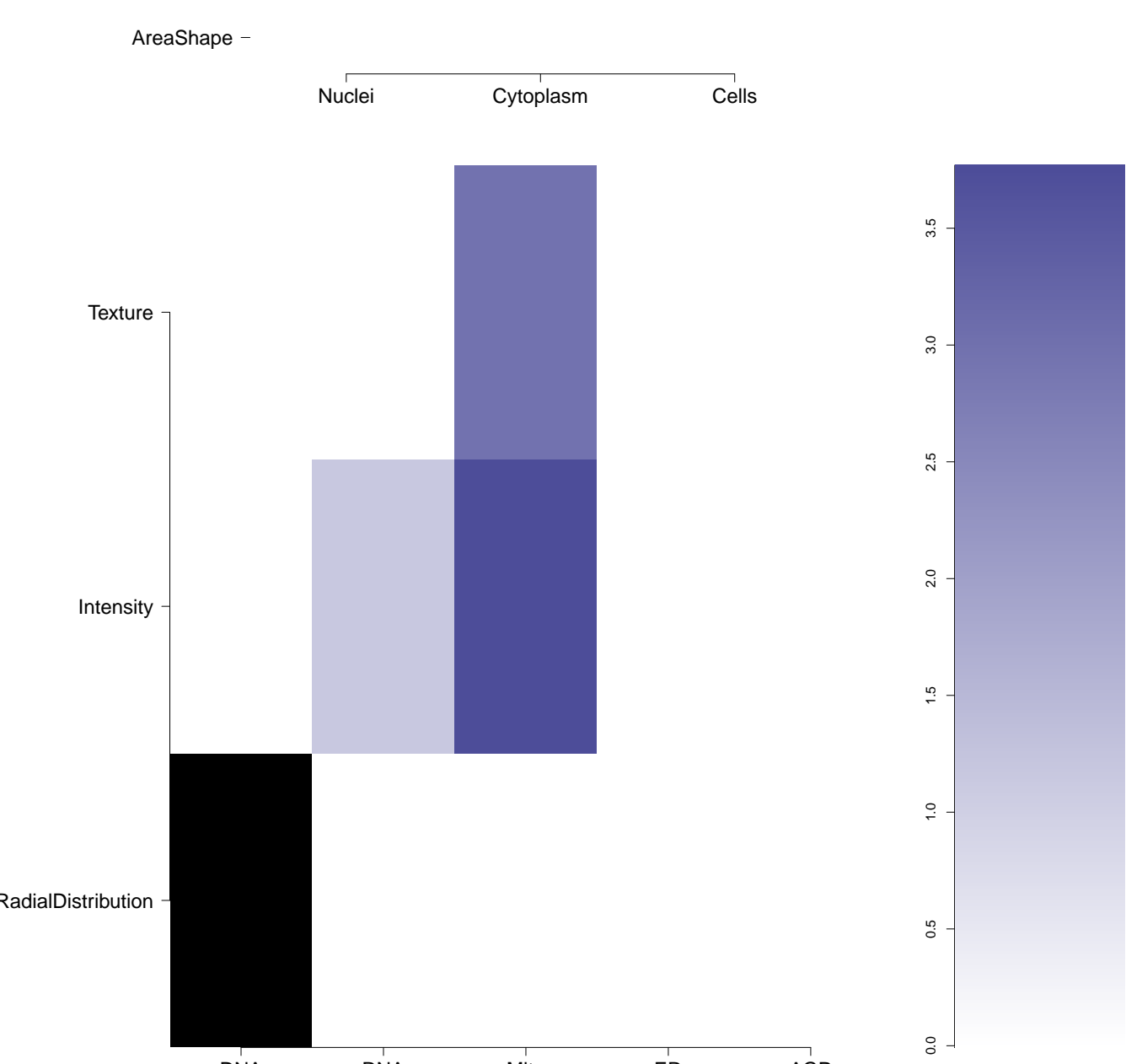

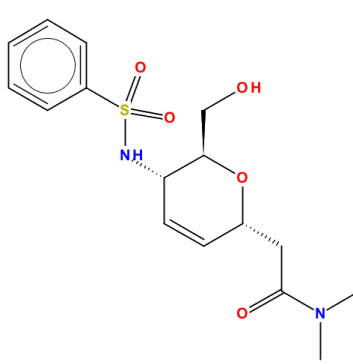
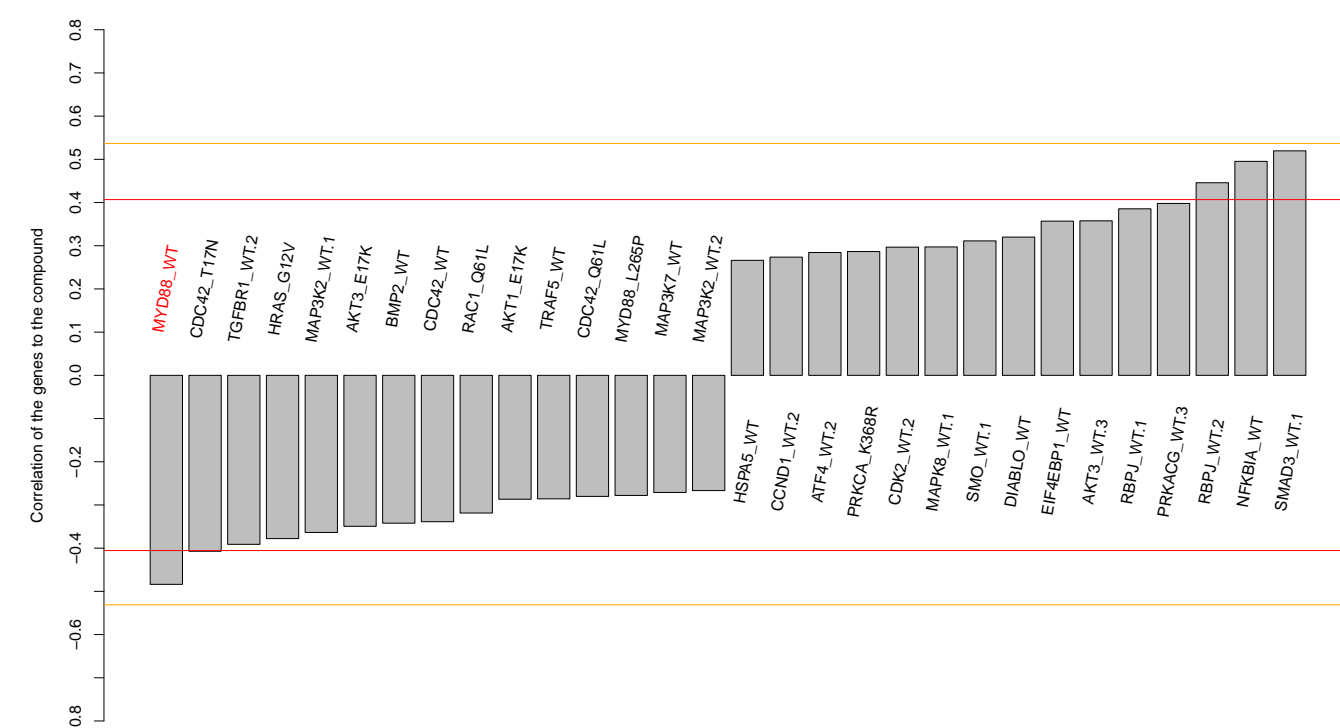
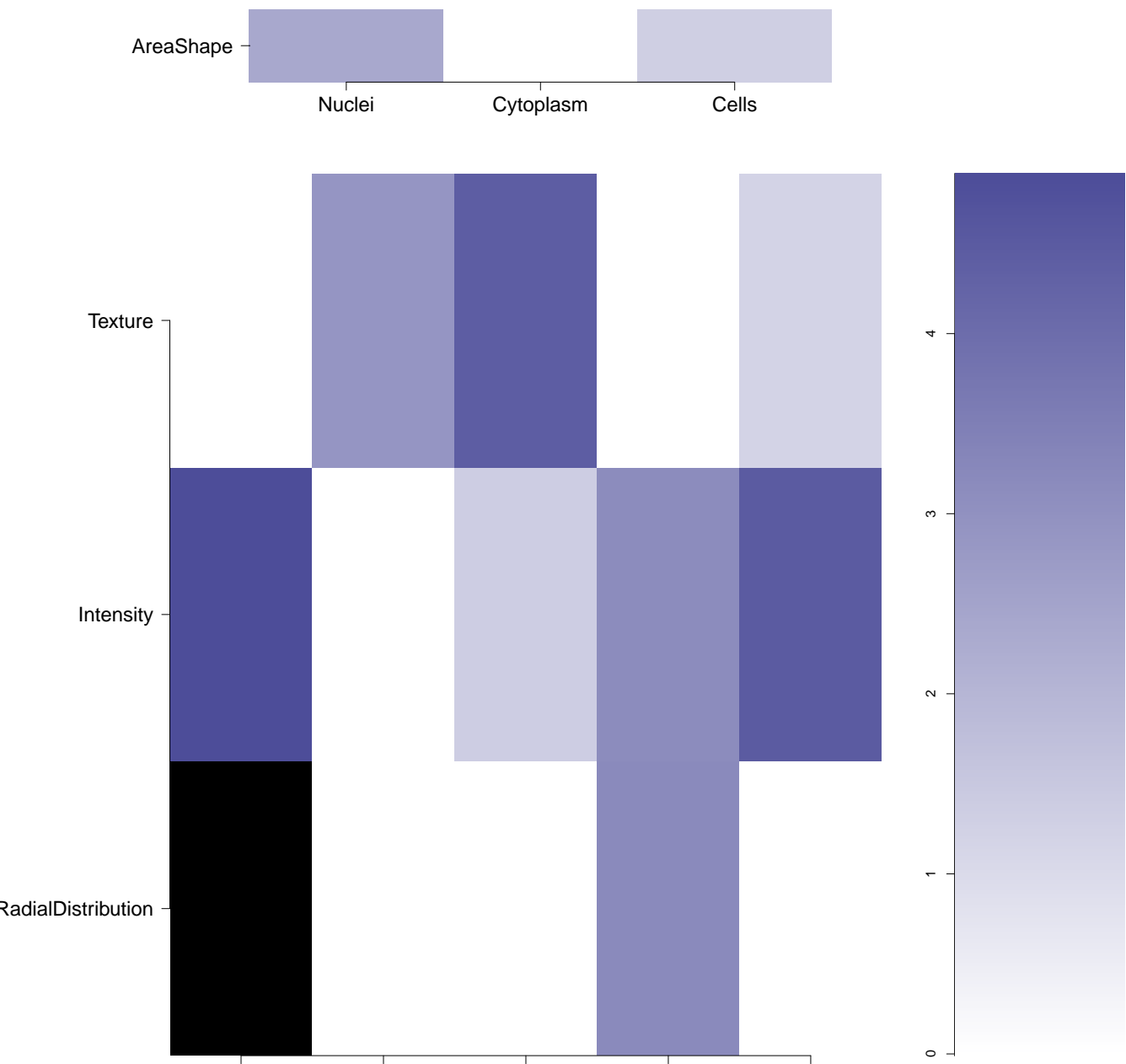

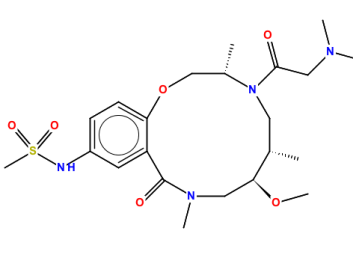
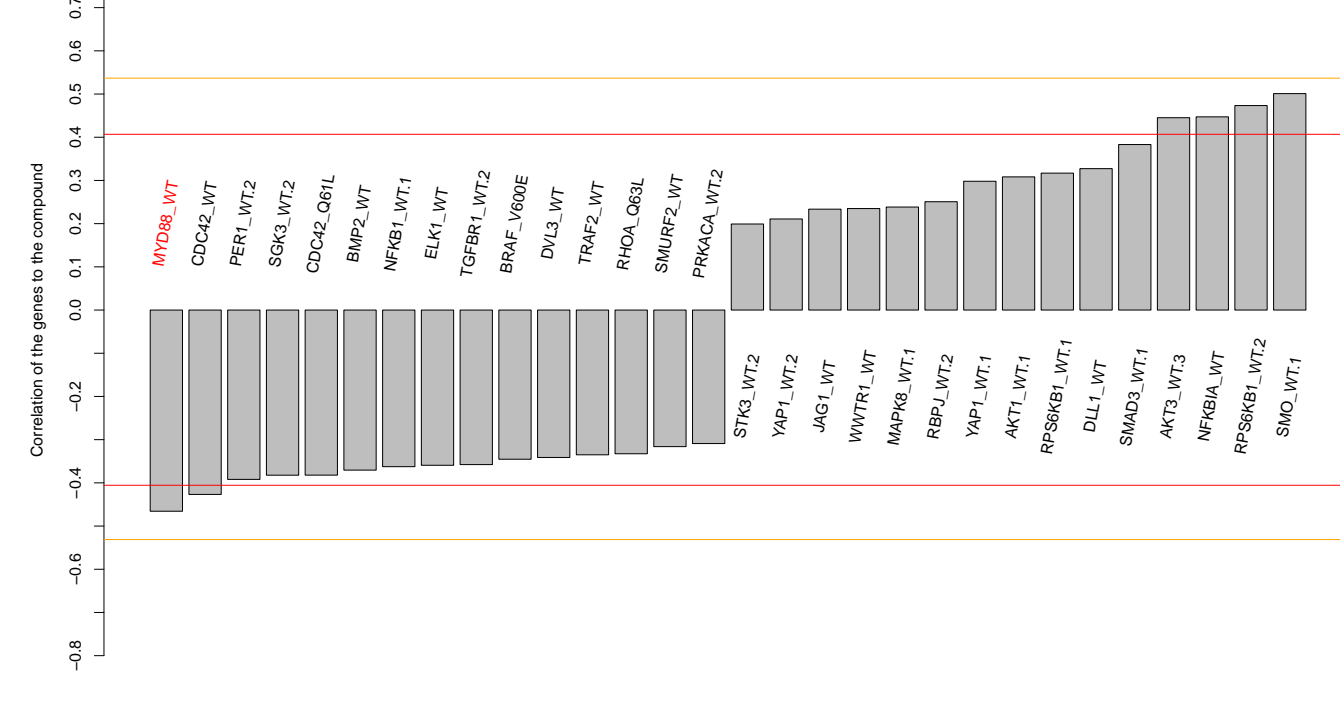
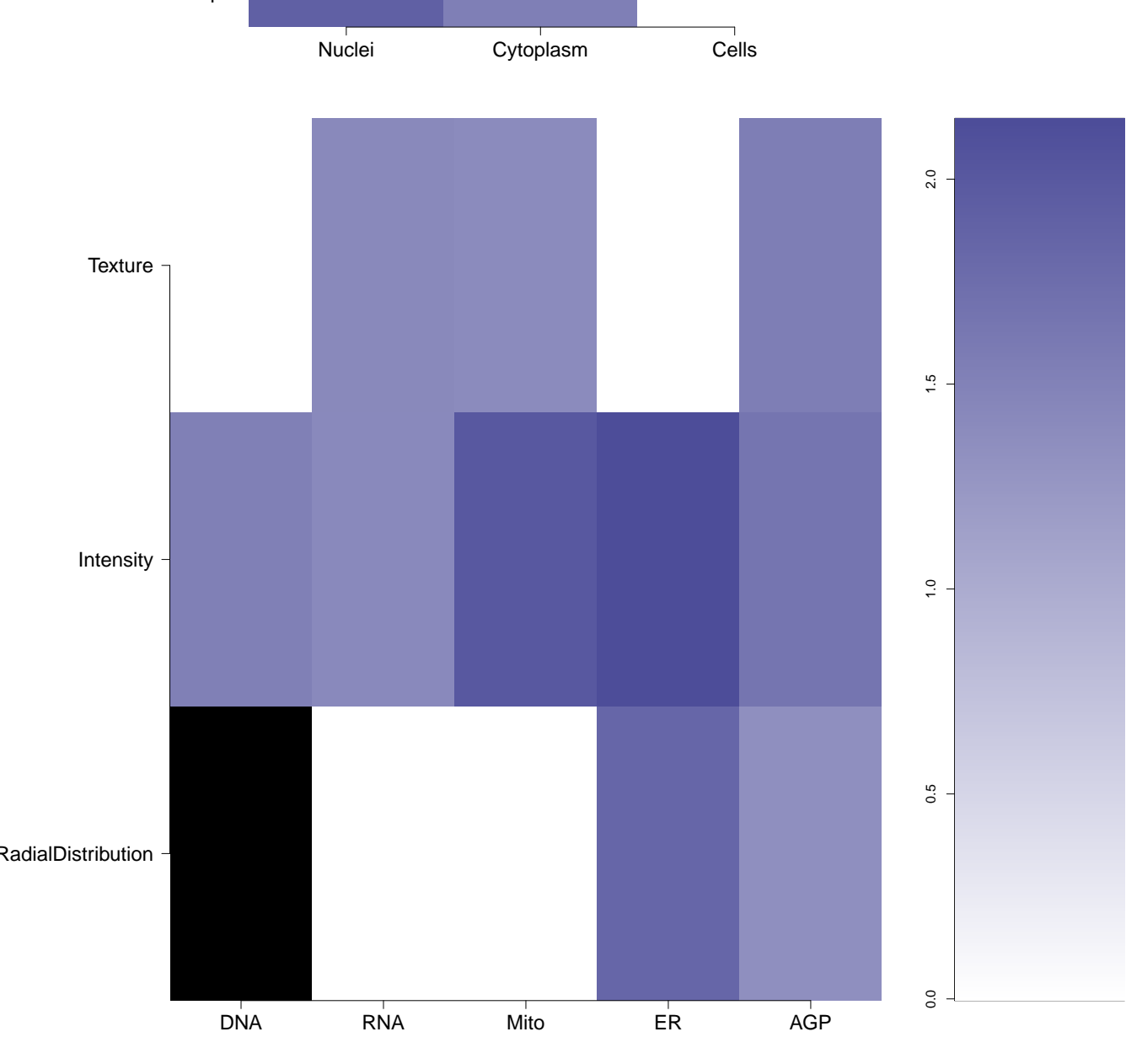

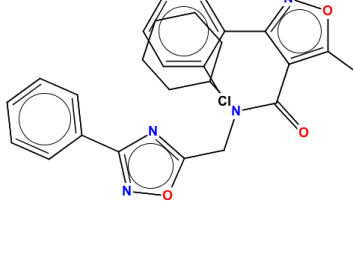
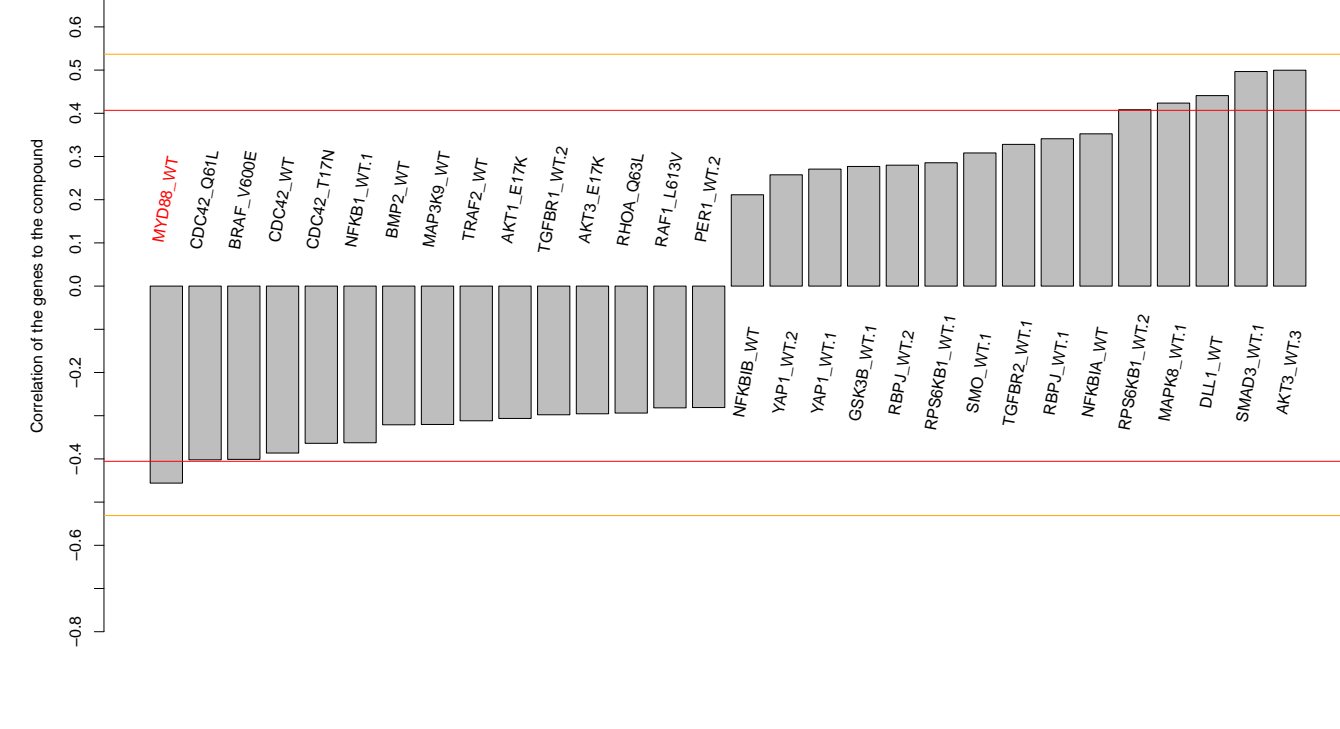
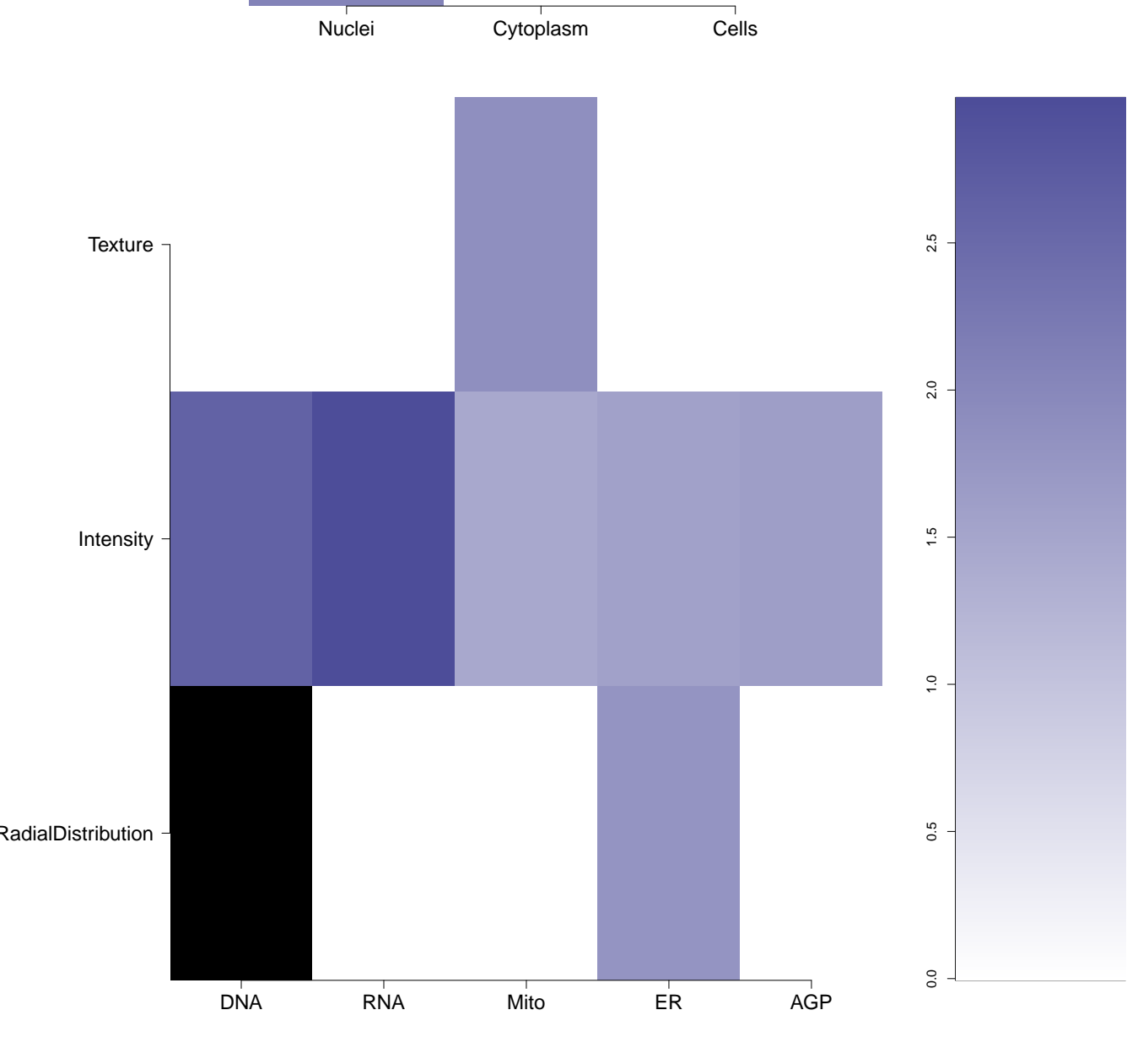
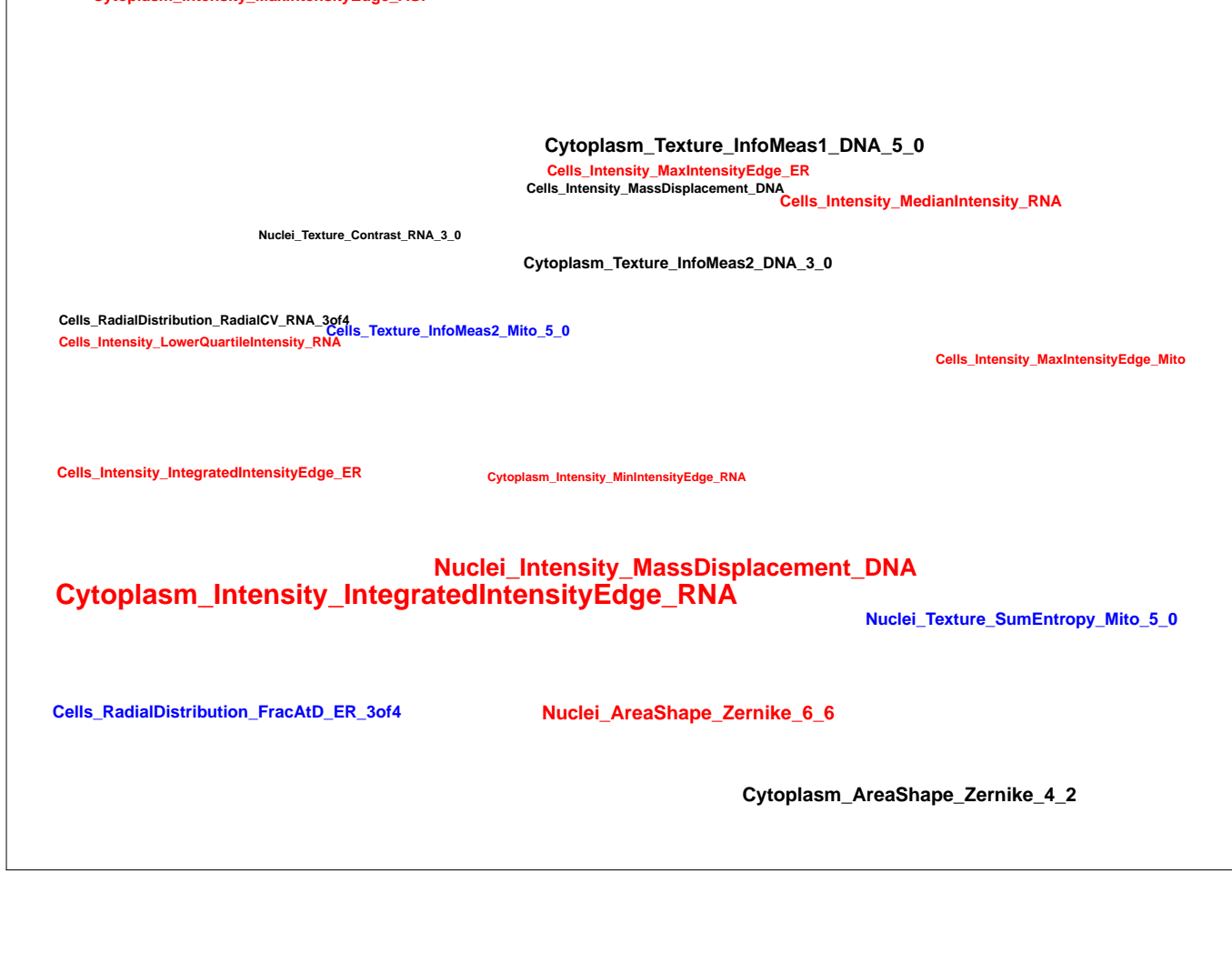
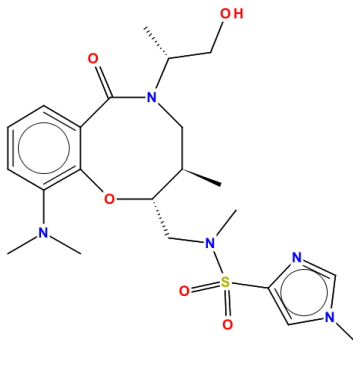
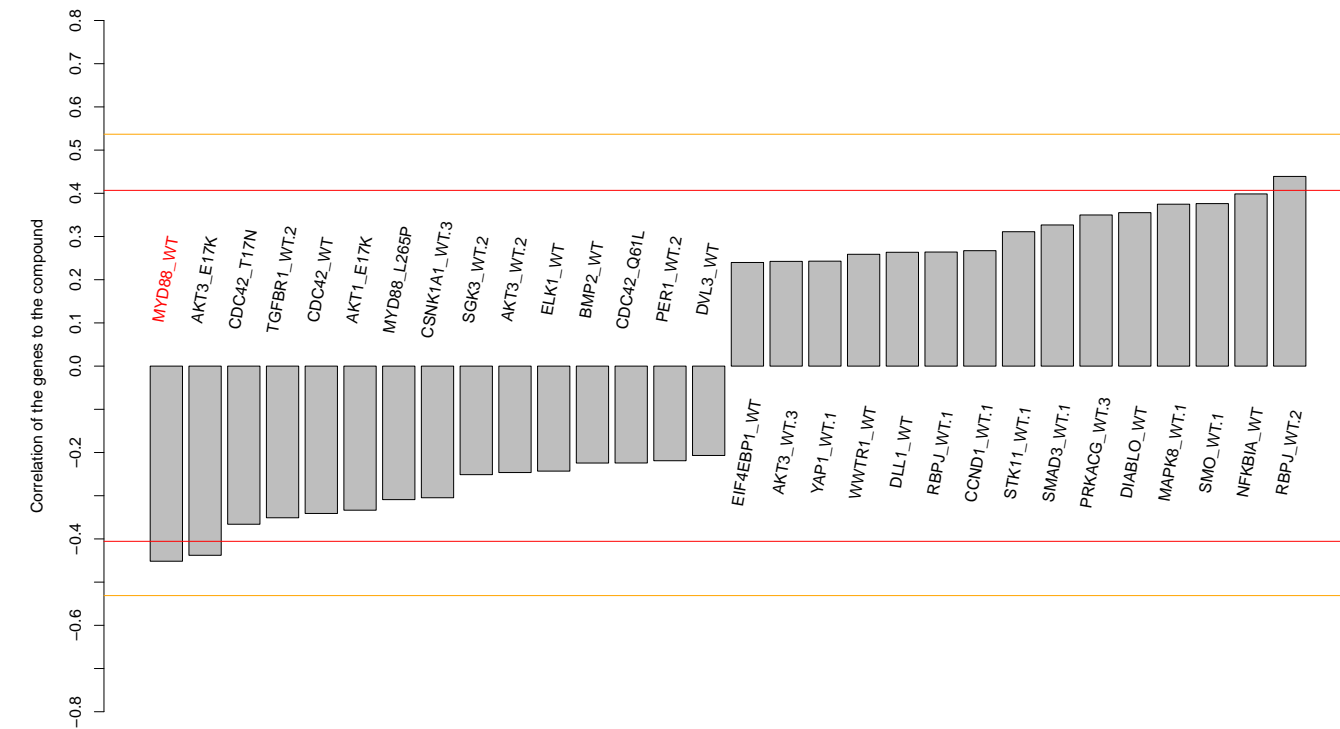
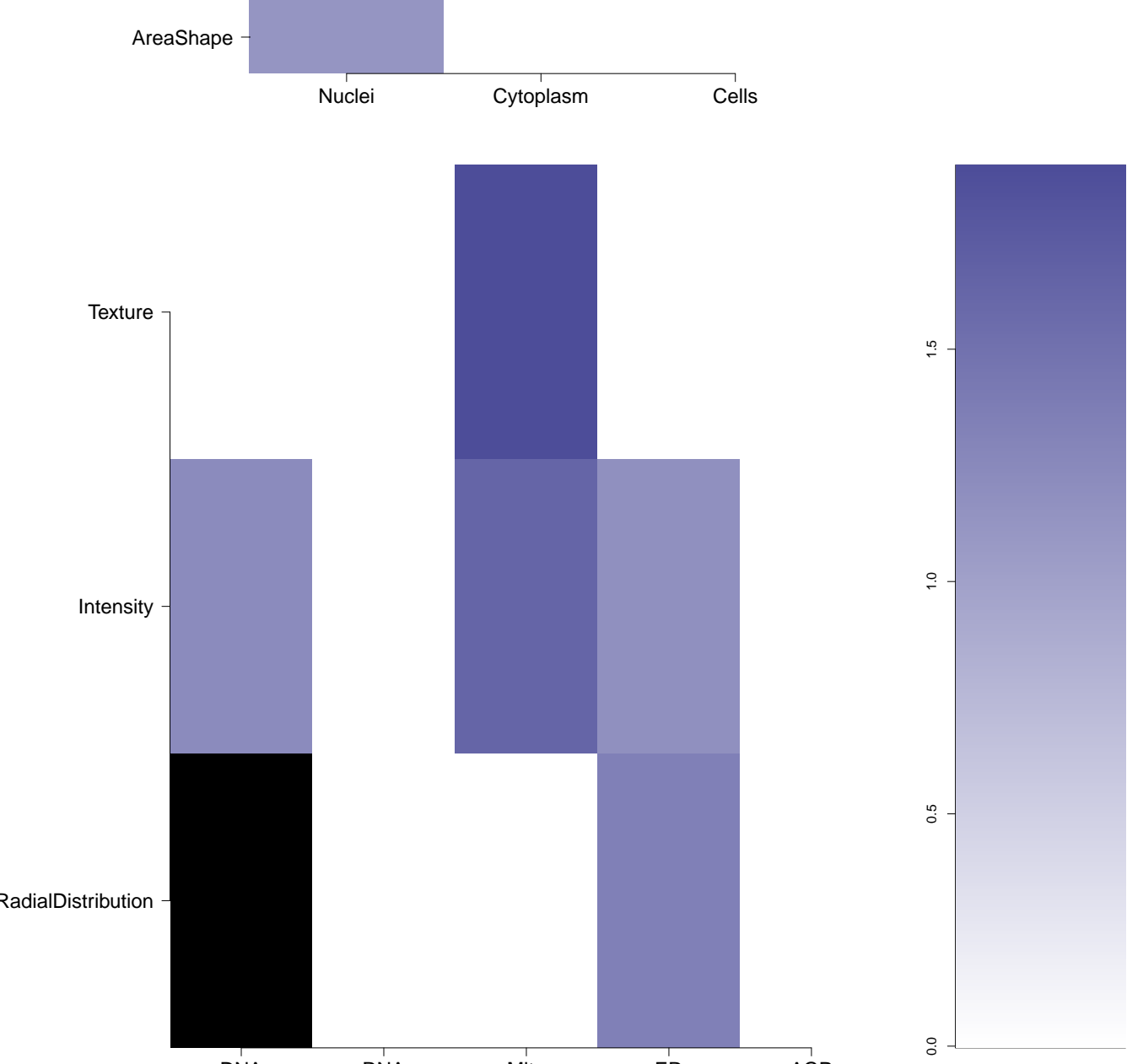
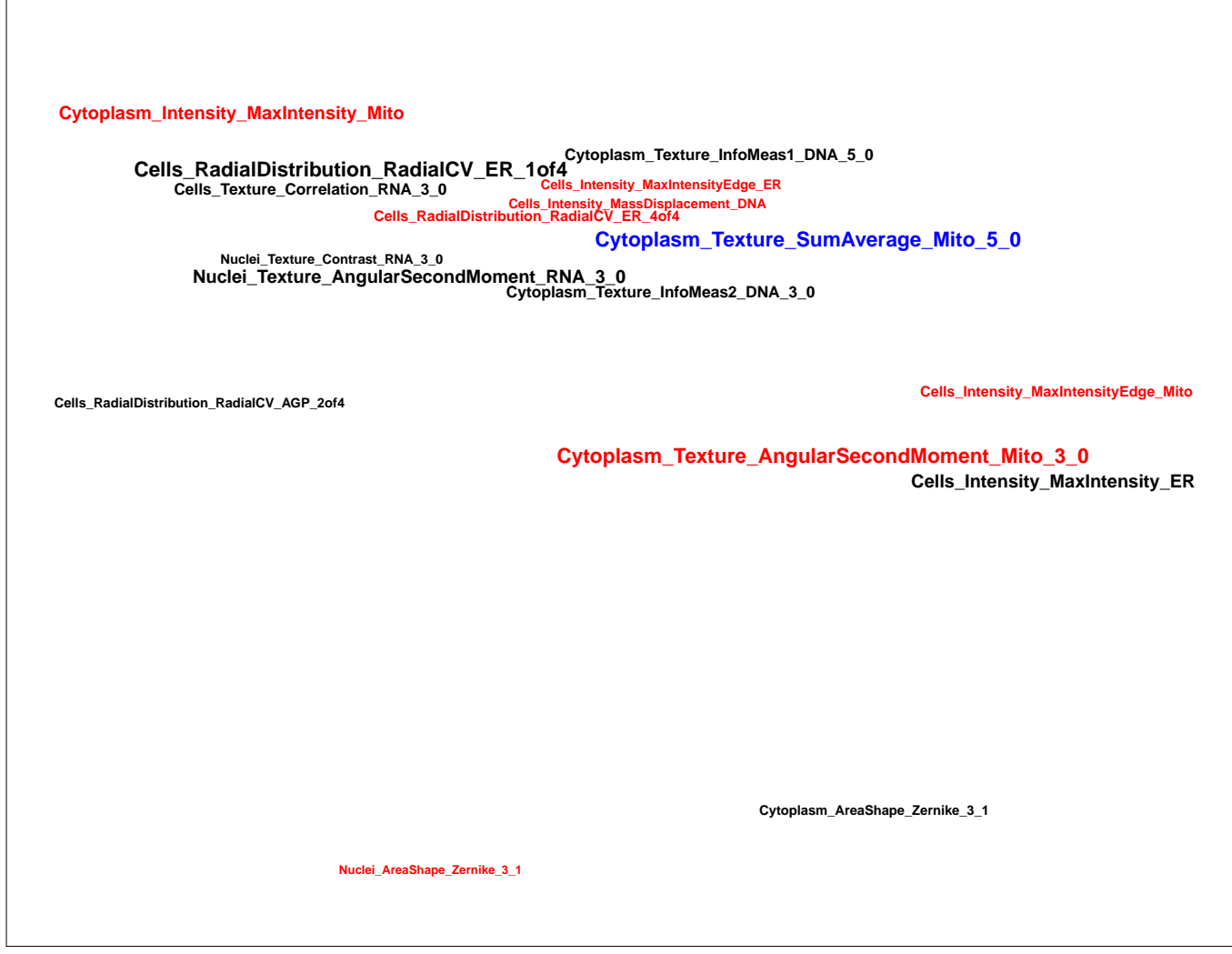


BRD-K52662613-001-01-6 PubChem CID : 54657569		0.54 (in 4 replicates)	0.55	0.220				Total number of assays tested in: 37. Active in the following assays: <ul style="list-style-type: none"> <li>MLPCN SirT-5 Measured in Biochemical System Using Imaging - 7044-01.Inhibitor.SinglePoint.HTS.Activity.Set5 (AID 652115)</li> </ul>
BRD-K27957164-001-01-5 PubChem CID : 54618950		0.56 (in 3 replicates)	0.51	0.594				Total number of assays tested in: 38.
BRD-A29506681-001-05-5 SMR000131579 MLS000521170 MLS002589135 HMS2467M17 PubChem CID : 9550560		0.56 (in 3 replicates)	0.51	NA				Total number of assays tested in: 688. Active in the following assays: <ul style="list-style-type: none"> <li>Primary screen for compounds that activate Insulin promoter activity in TRM-6 cells (AID 1296)</li> <li>QFRET-based primary biochemical high throughput screening assay to identify inhibitors of the Plasmodium falciparum M18 Aspartyl Aminopeptidase (PFM18AAP). (AID 1822)</li> <li>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)</li> <li>qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332)</li> <li>Heat Shock Factor-1 (HSF-1) Measured in Cell-Based System Using Plate Reader - 2058-01.Activator.SinglePoint.HTS.Activity (AID 504408)</li> <li>HTS to Find Inhibitors of Pathogenic Pemphigus Antibodies (AID 588358)</li> <li>Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483)</li> <li>qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)</li> <li>qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979)</li> </ul>
BRD-K67832115-001-01-1 PubChem CID : 54619033		0.77 (in 4 replicates)	0.49	0.681				Total number of assays tested in: 42. Active in the following assays: <ul style="list-style-type: none"> <li>Identification of Small Molecule Correctors of the Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Delta508 Mutation-Function in Human Bronchial Epithelial Cells - Measured in Cell-Based System Using Plate Reader - 7017-01.Other.SinglePoint.HTS.Activity (AID 720511)</li> </ul>
BRD-K87049226-001-06-3 SMR000196328 MLS000575094 ST50487709 AC1MF6V2 BDBM57465 HMS2343C17 ZINC4522773 STK032607 ZINC04522773 PubChem CID : 2914673		NA (in 1 replicates)	0.48	NA				Total number of assays tested in: 671. Active in the following assays: <ul style="list-style-type: none"> <li>qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490)</li> <li>Cytochrome panel assay with activity outcomes (AID 1851)</li> <li>Luminescence Microorganism-Based Dose Confirmation HTS to Identify Compounds Cytotoxic to SK(-)GAS Group A Streptococcus (AID 1900)</li> <li>Luminescence Microorganism-Based Dose Confirmation HTS to Identify Inhibitors of Streptokinase Promotor Activity (AID 1902)</li> <li>Luminescence Microorganism-Based Dose Response HTS to Identify Compounds Cytotoxic to Streptococcus (AID 1915)</li> <li>An HTS Cytotoxicity Screen to evaluate New Inhibitors of Respiratory Syncytial Virus (RSV) (AID 2410)</li> <li>VP16 counterscreen qHTS for inhibitors of ROR gamma transcriptional activity (AID 2546)</li> <li>qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551)</li> <li>Primary cell-based high-throughput screening assay for identification of compounds that inhibit KCNQ1 potassium channels (AID 2642)</li> <li>HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732)</li> <li>qHTS for Inhibitors of PLK1-PDB (polo-like kinase 1 - polo-box domain): Primary Screen (AID 720504)</li> </ul>
BRD-K34197007-001-01-0 PubChem CID : 49850002		0.60 (in 4 replicates)	0.47	0.208				Total number of assays tested in: 19.

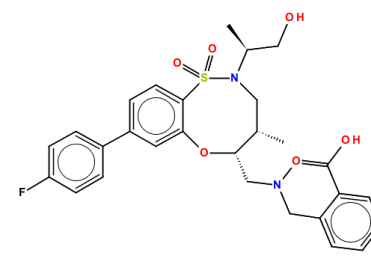


<div>BRD-K14066884-001-05-0</div> <div>SMR000073856</div> <div>AC1LGC80</div> <div>Ambcb7618156</div> <div>MLS000096658</div> <div>MLS002541942</div> <div>HMS2475H10</div> <div>ZINC249057</div> <div>ZINC00249057</div> <div>PubChem CID : 768895</div>		0.54 (in 2 replicates)	0.46	NA				<div>Total number of assays tested in: 815. Active in the following assays:</div> <ul style="list-style-type: none"><li>Discovery of novel allosteric modulators of the M1 muscarinic receptor: Antagonist Primary Screen (AID 628)</li><li>Discovery of novel allosteric modulators of the M1 muscarinic receptor: Antagonist Confirmation Screen (AID 677)</li><li>CYP2C9 Assay (AID 777)</li><li>CYP2C19 Assay (AID 778)</li><li>Confirmed allosteric antagonists of M1 Muscarinic receptor (AID 1053187)</li></ul>
<div>BRD-K80789291-001-01-2</div> <div>PubChem CID : 54645952</div>		NA (in 1 replicates)	0.45	0.349				<div>Total number of assays tested in: 40.</div>
<div>BRD-K06794322-001-01-6</div> <div>PubChem CID : 54649267</div>		0.74 (in 2 replicates)	0.42	0.279				<div>Total number of assays tested in: 36.</div>
<div>BRD-K75910910-001-05-3</div> <div>ZINC01126803</div> <div>AC1LP82S</div> <div>MLS000535166</div> <div>HMS2324O04</div> <div>ZINC1126803</div> <div>STK971512</div> <div>CCG-148065</div> <div>SMR000142602</div> <div>PubChem CID : 1302670</div>		NA (in 1 replicates)	0.42	NA				<div>Total number of assays tested in: 685. Active in the following assays:</div> <ul style="list-style-type: none"><li>Cytochrome panel assay with activity outcomes (AID 1851)</li></ul>
<div>BRD-K33894111-001-01-6</div> <div>PubChem CID : 54618688</div>		0.74 (in 4 replicates)	-0.60	0.406				<div>Total number of assays tested in: 37.</div>
<div>BRD-K93927229-001-01-0</div> <div>PubChem CID : 54634118</div>		0.57 (in 3 replicates)	-0.51	0.211				<div>Total number of assays tested in: 19.</div>
<div>BRD-K17834240-001-01-6</div> <div>PubChem CID : 54646000</div>		0.70 (in 3 replicates)	-0.51	NA				<div>Total number of assays tested in: 39.</div>



BRD-K78761249-001-01-8 PubChem CID : 54645870		NA (in 1 replicates)	-0.51	0.967				Total number of assays tested in: 42.
BRD-K05001008-001-01-8 PubChem CID : 44504628		0.73 (in 4 replicates)	-0.51	0.654				Total number of assays tested in: 46.
BRD-K70039065-001-01-8 PubChem CID : 54641190		NA (in 1 replicates)	-0.48	NA				Total number of assays tested in: 39.
BRD-K56426074-001-01-4 PubChem CID : 54633236		0.64 (in 4 replicates)	-0.47	0.347				Total number of assays tested in: 37. Active in the following assays: <ul style="list-style-type: none"> <li>DENV2 CPE-Based HTS Measured in Cell-Based and Microorganism Combination System Using Plate Reader - 2149-01.Other.SinglePoint.HTS.Activity (AID 651640)</li> </ul>
BRD-K13269846-001-06-6 STK300531 SMR000144661 ZINC02883731 AC1M3DXV MLS000538624 MLS002548535 HMS2445E10 ZINC2883731 PubChem CID : 2236064		NA (in 1 replicates)	-0.46	NA				Total number of assays tested in: 688. Active in the following assays: <ul style="list-style-type: none"> <li>CYP2C9 Assay (AID 777)</li> <li>CYP2C19 Assay (AID 778)</li> <li>Leishmania major promastigote HTS (AID 1063)</li> <li>qHTS Assay for Antagonists of the Neuropeptide S Receptor: cAMP Signal Transduction (AID 1461)</li> <li>qHTS Assay for Inhibitors of Influenza NS1 Protein Function (AID 2326)</li> <li>Primary cell-based screen for identification of compounds that inhibit the two-pore domain potassium channel KCNK9 (AID 488922)</li> <li>Confirmatory screen for identification of compounds that inhibit the two-pore domain potassium channel KCNK9 (AID 492992)</li> <li>Second counter screen for compounds that modulate the two-pore domain potassium channel (KCNK9) (AID 492997)</li> <li>HTS to identify compounds that promote myeloid differentiation with MLPEN compound set (AID 624256)</li> <li>HIV entry: Env-mediated Cell Fusion Measured in Cell-Based System Using Plate Reader - 7013-01.Inhibitor.SinglePoint.HTS.Activity (AID 651610)</li> <li>Confirmation assay for identification of compounds that inhibit the two-pore domain potassium channel KCNK3 [Primary Screening] (AID 651638)</li> <li>Counter screen assay for identification of compounds that inhibit the two-pore domain potassium channel KCNK3 [Primary Screening] in non-induced KCNK3 cells (AID 651747)</li> <li>qHTS Assay for Inhibitors of Hepatitis C Virus (HCV) (AID 651820)</li> <li>qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)</li> </ul>
BRD-K57304954-001-01-7 PubChem CID : 44495672		0.58 (in 3 replicates)	-0.45	0.882				Total number of assays tested in: 47.

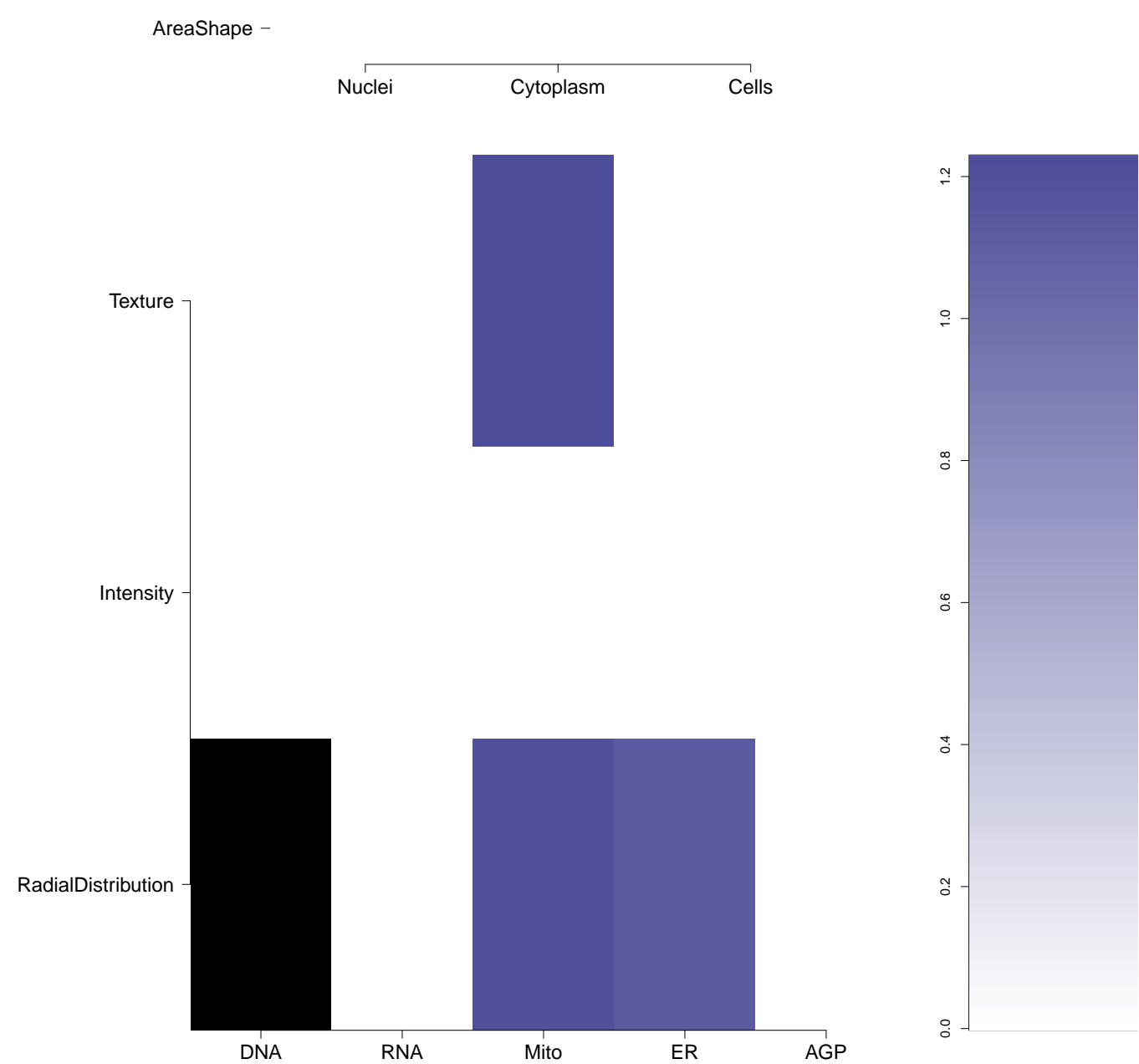
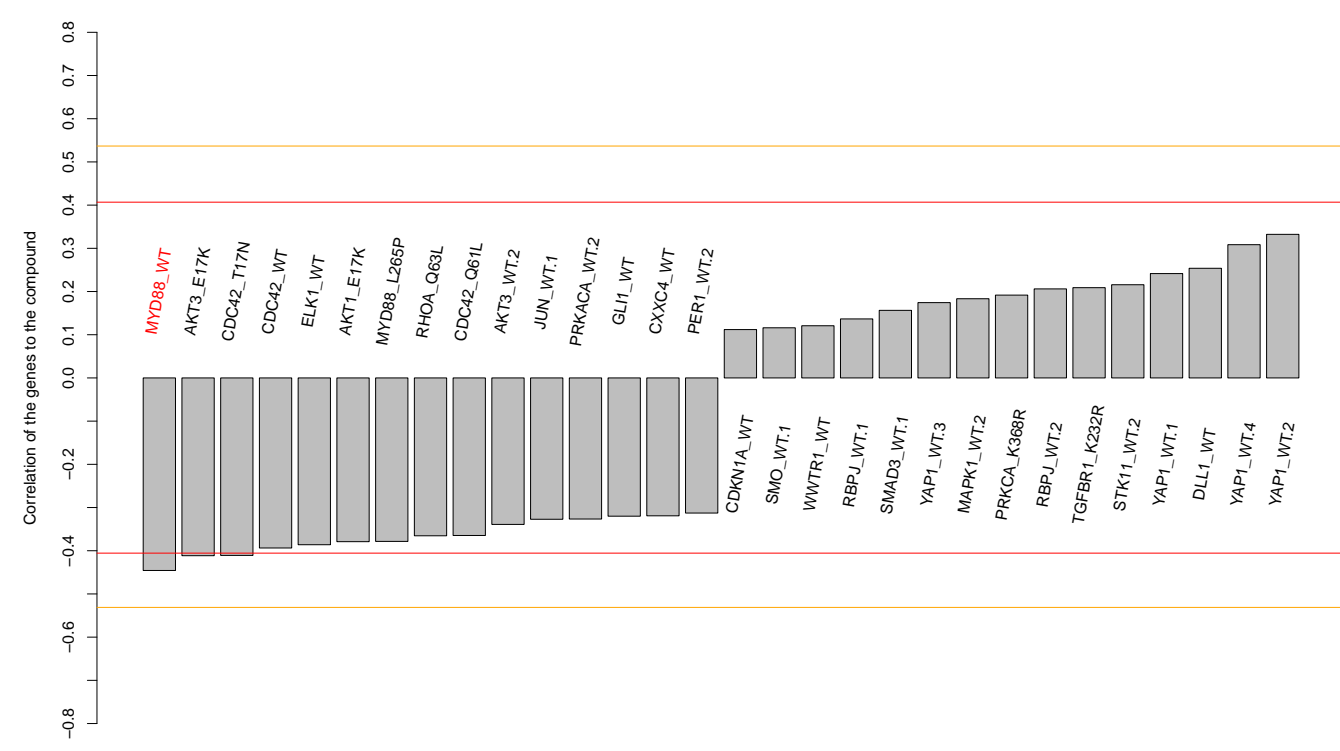
BRD-K40837535-001-01-4  
PubChem CID : 54618433



0.58 (in 4 replicates)

-0.45

0.406



Total number of assays tested in: 42.