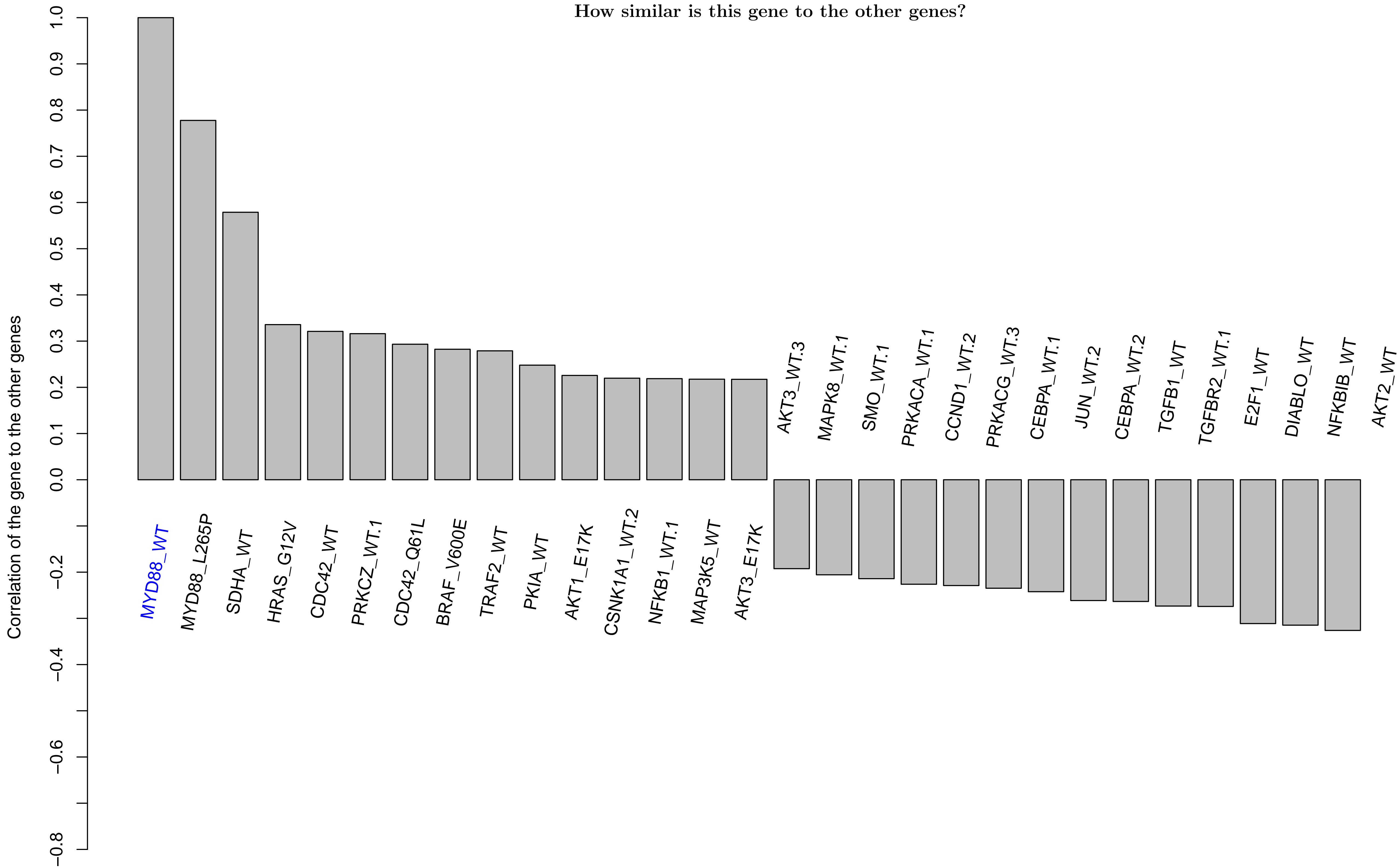
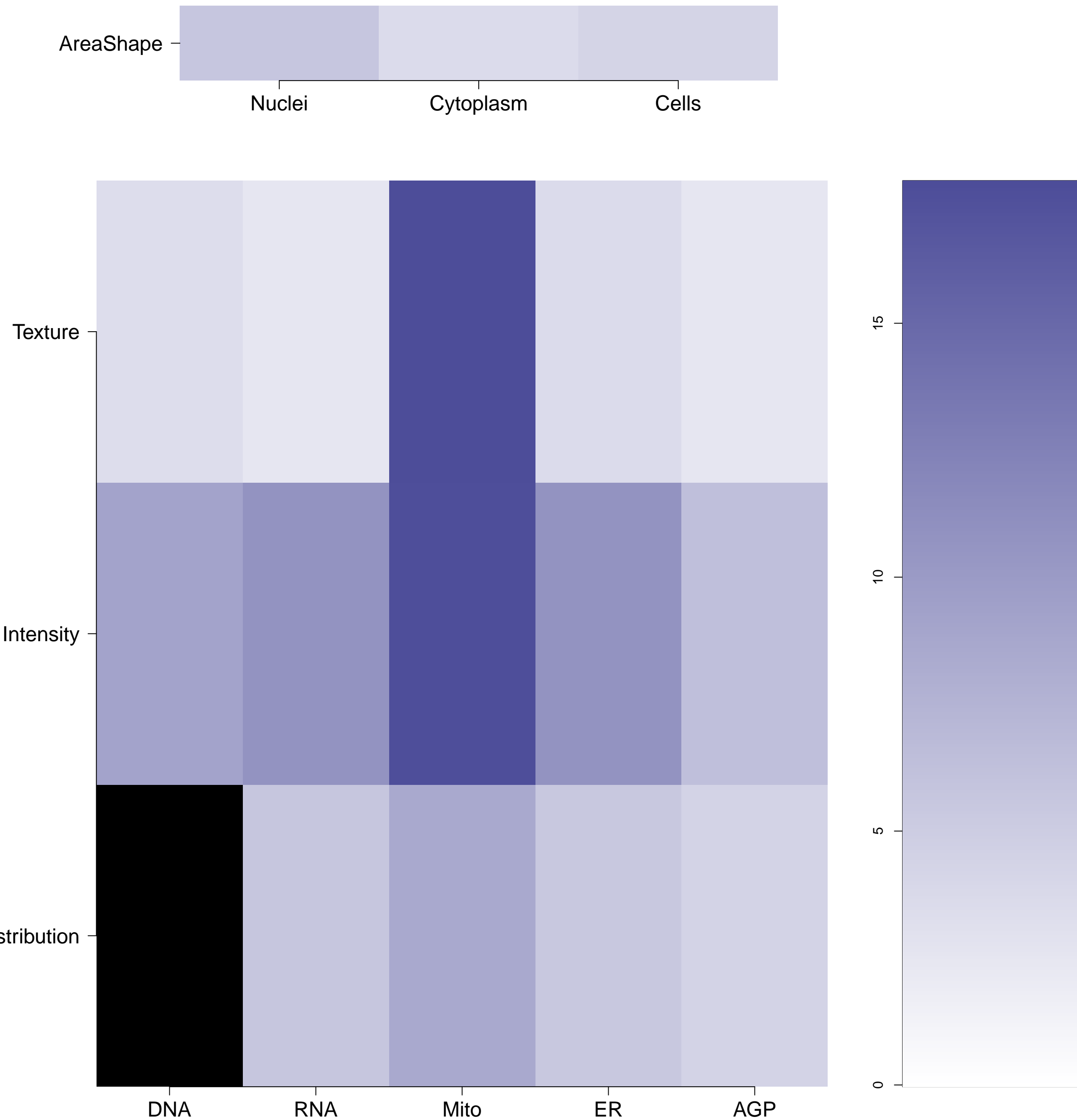


MYD88.WT - in Canonical NFkB

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)

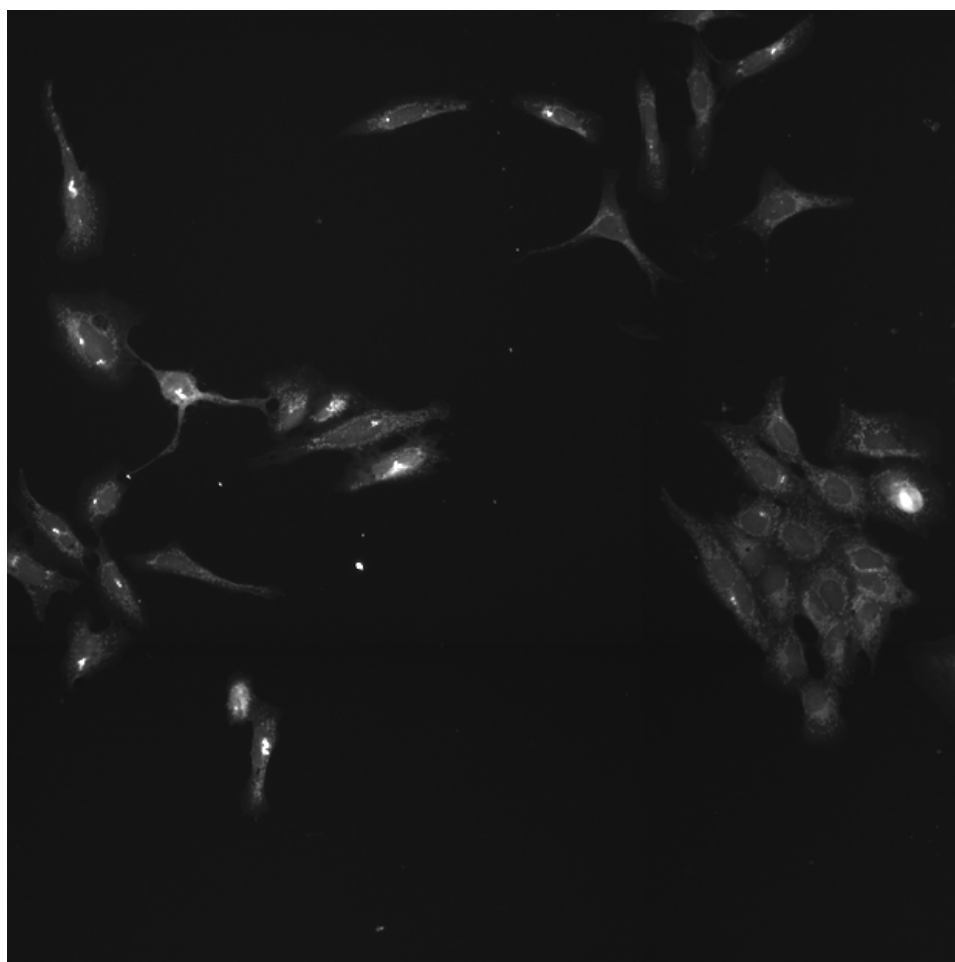
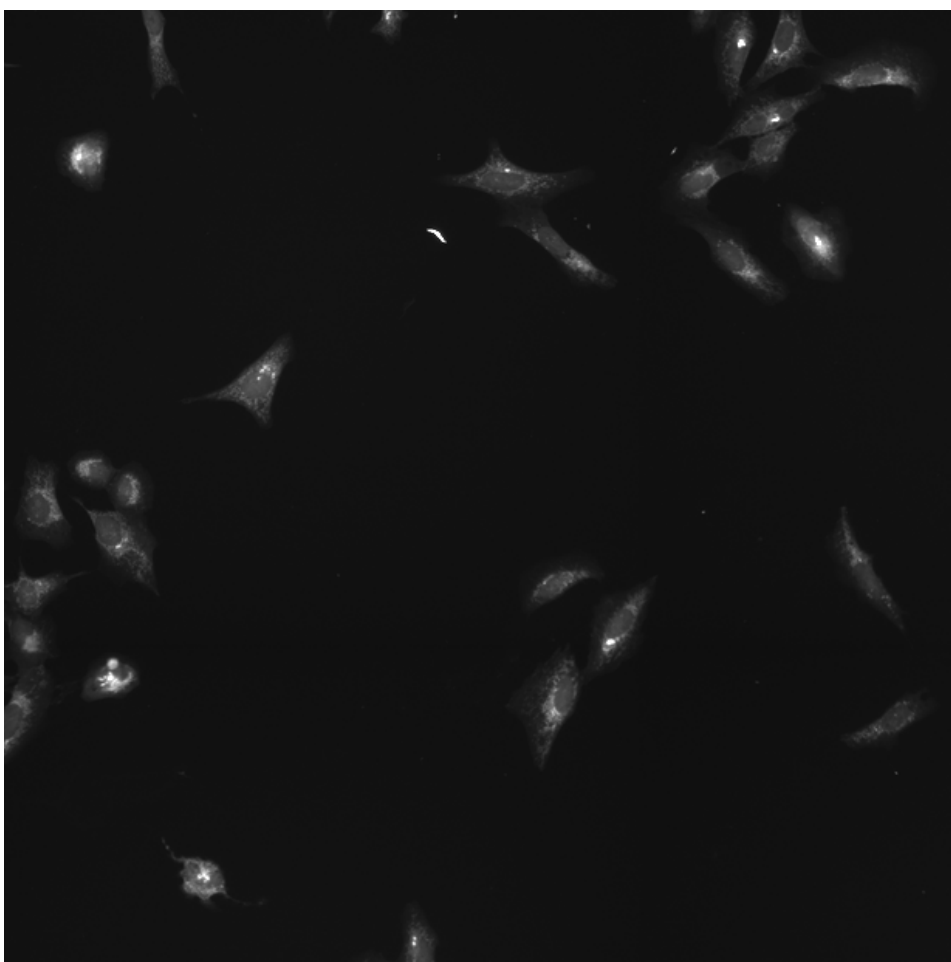
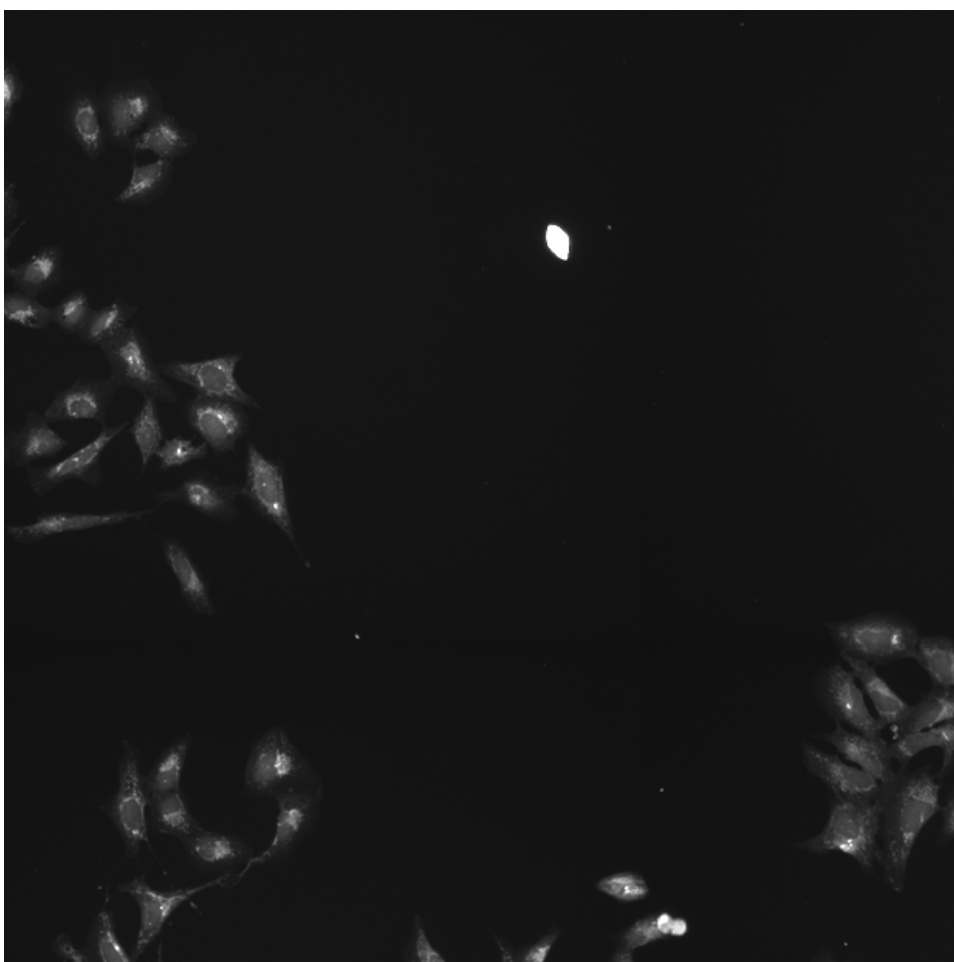
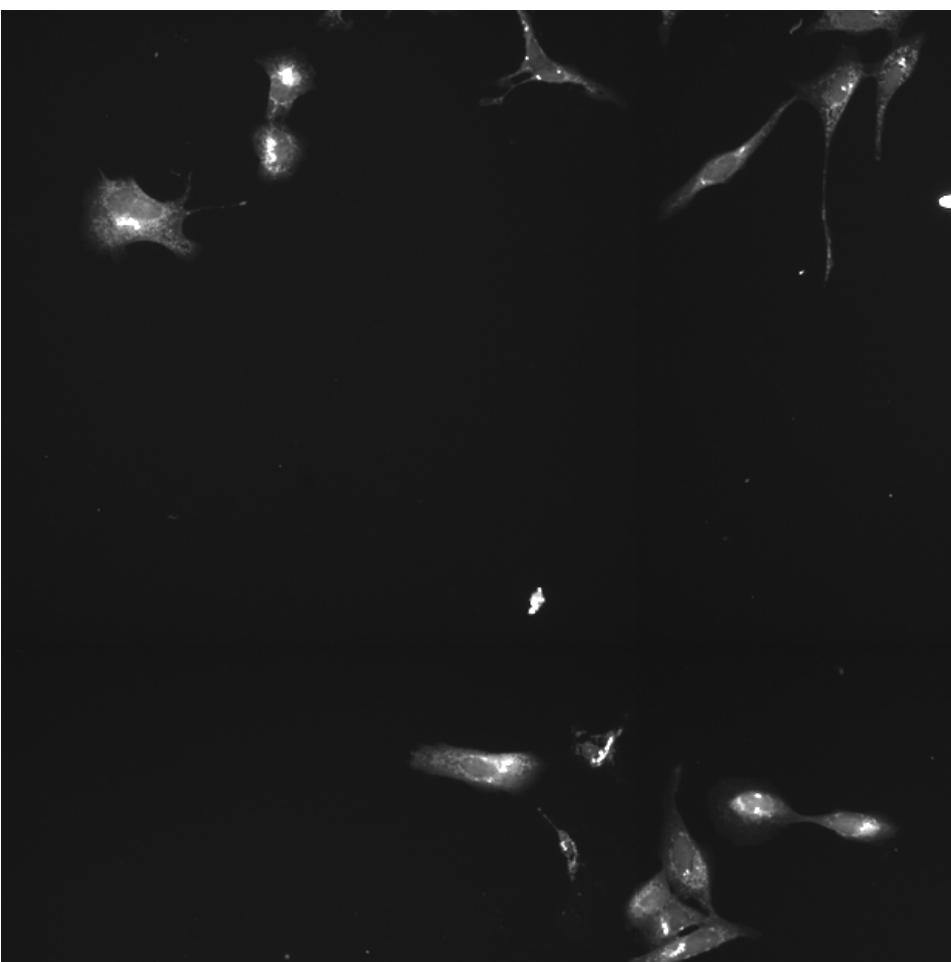
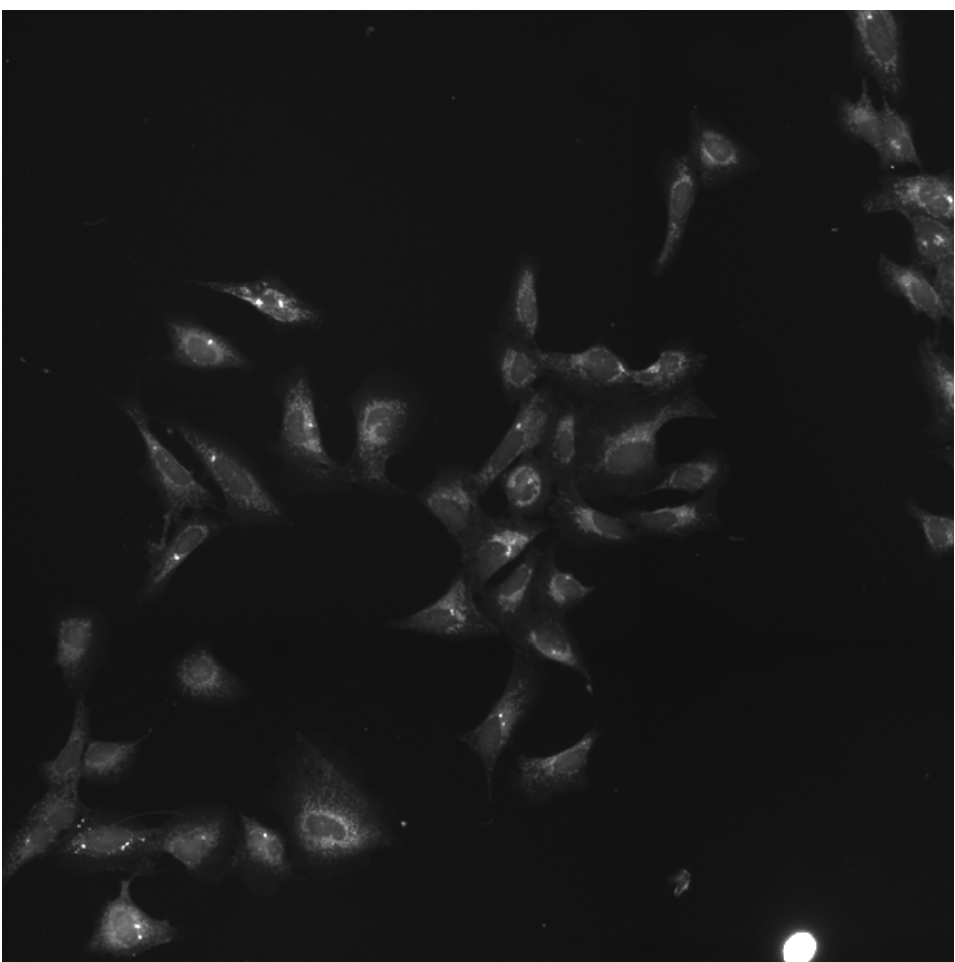
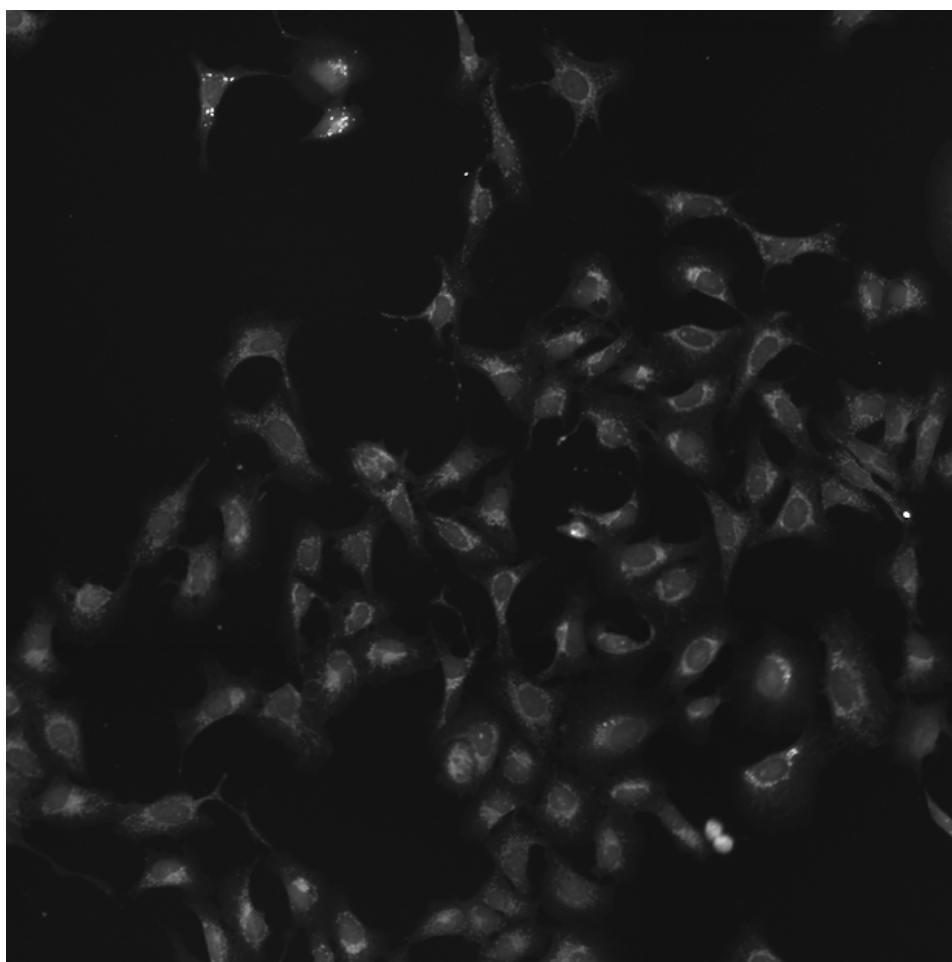
MYD88.WT (41755)

MYD88.WT (41756)

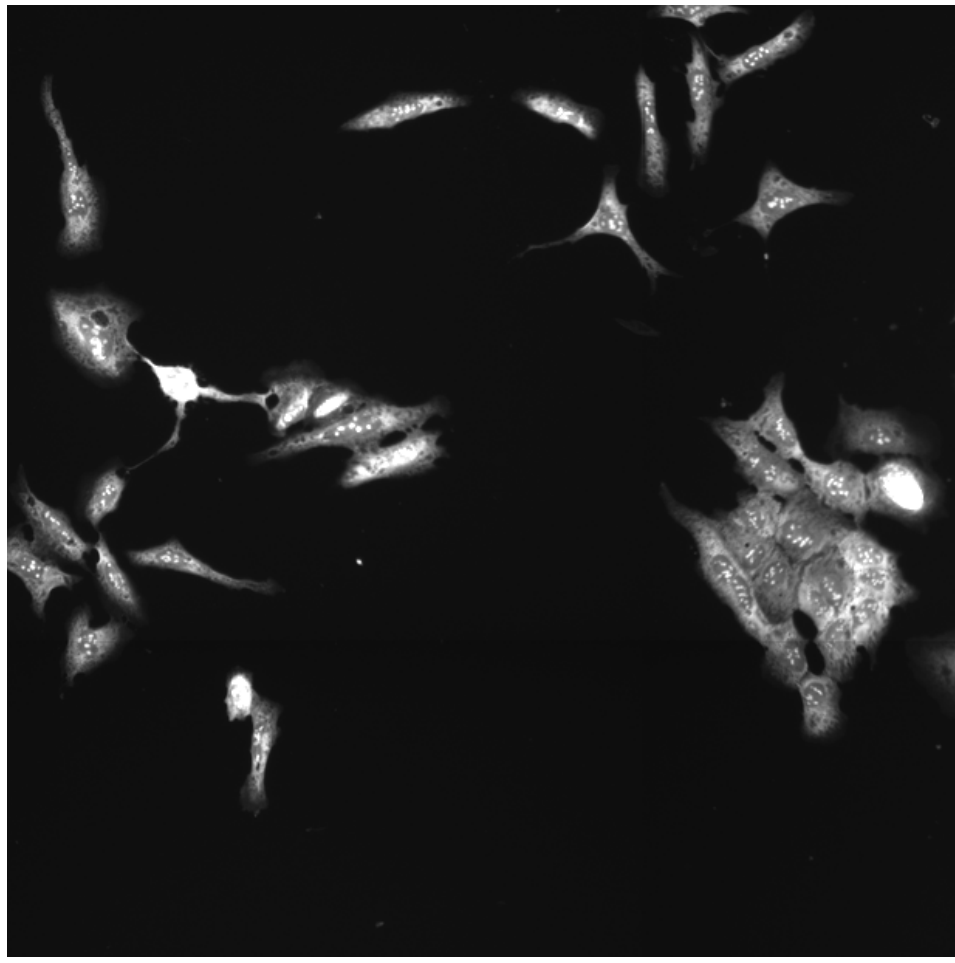
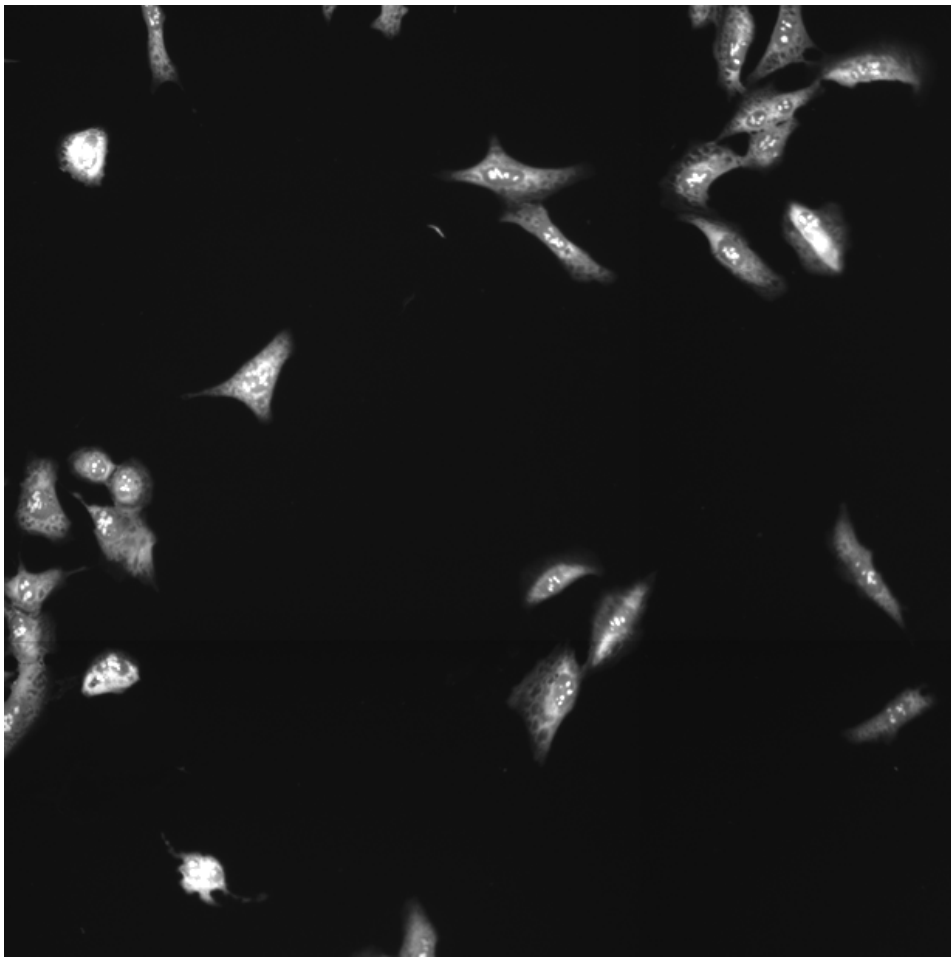
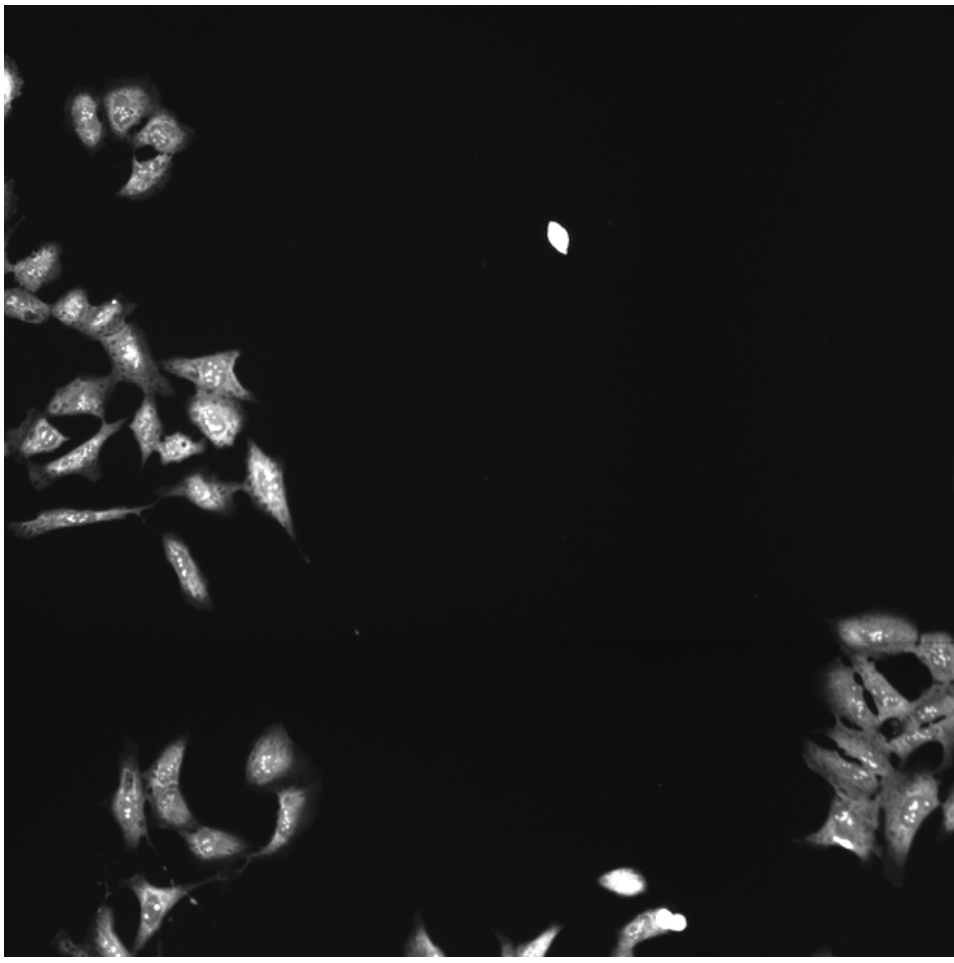
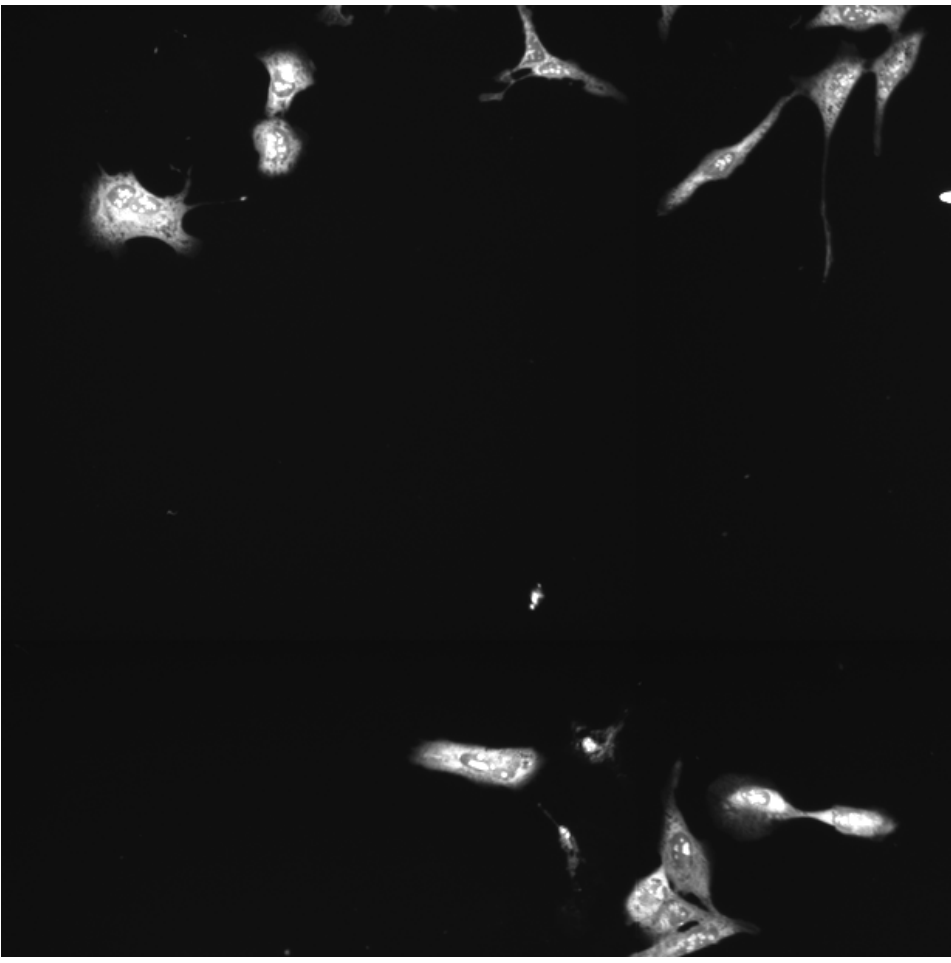
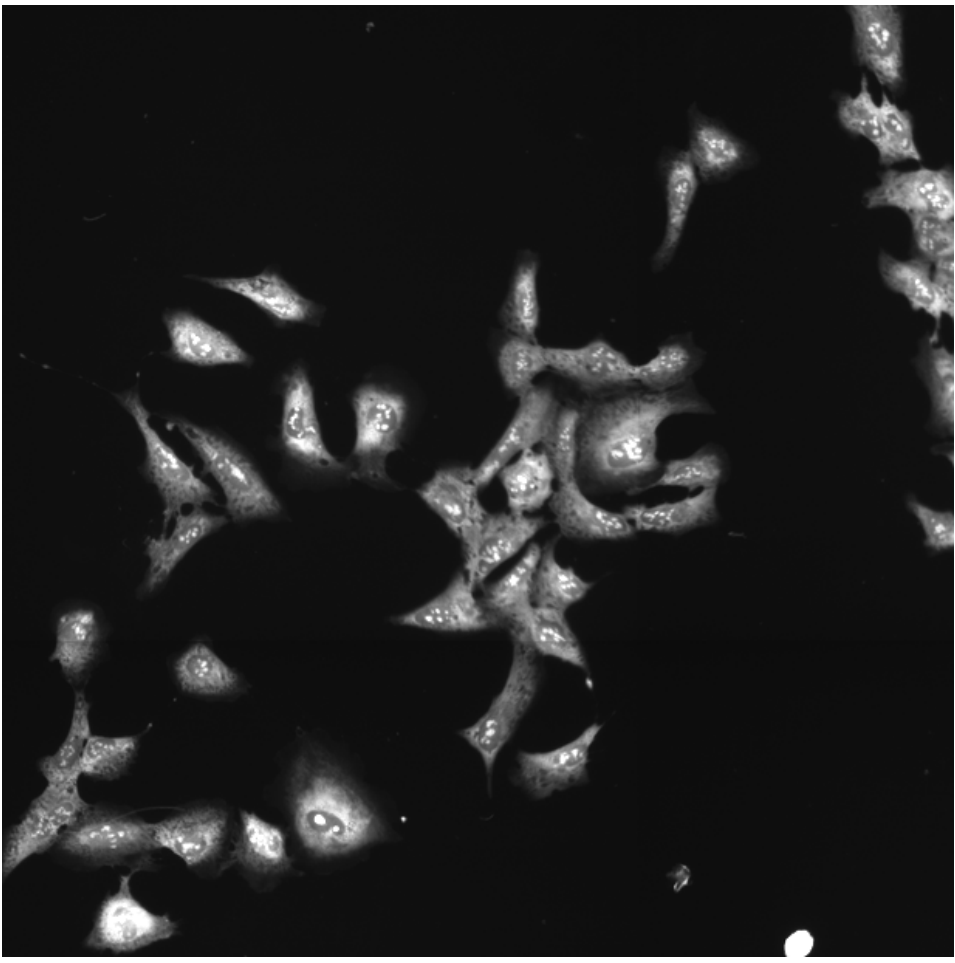
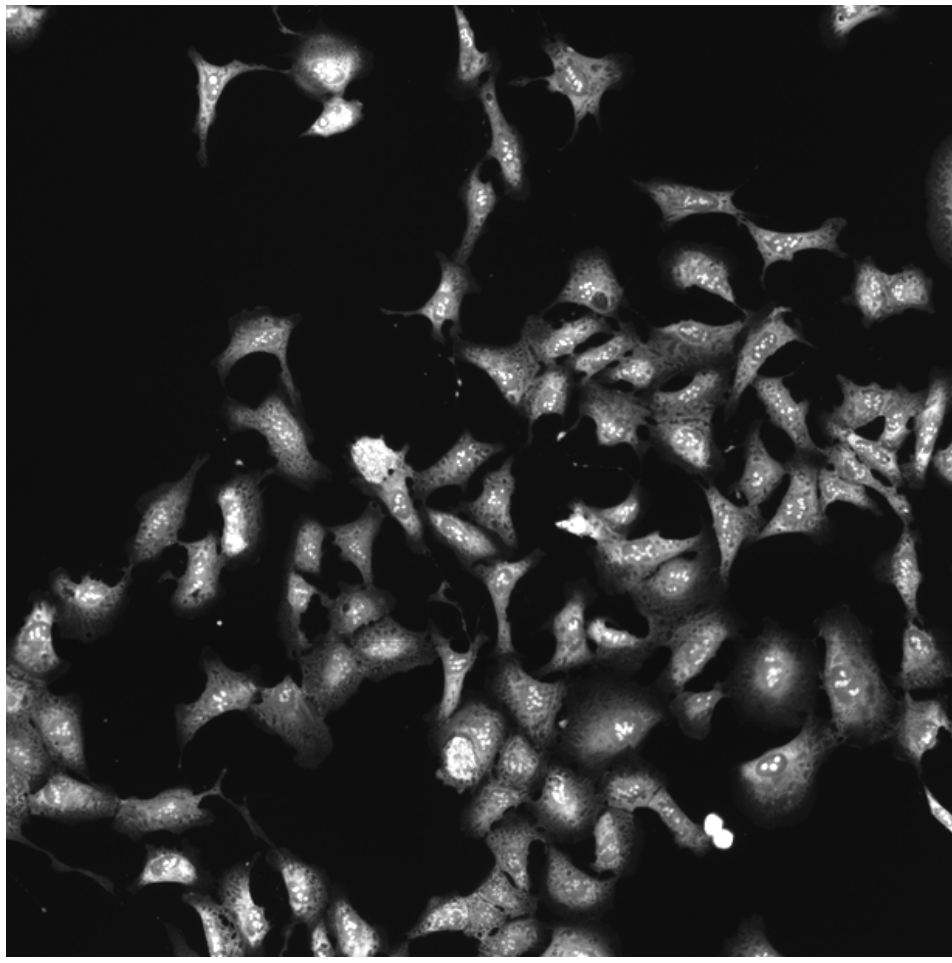
MYD88.WT (41757)

MYD88.WT (41754)

Mito

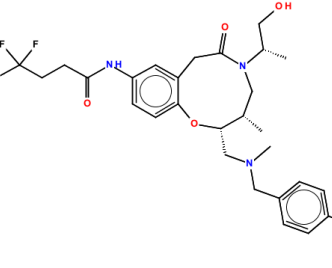


RNA

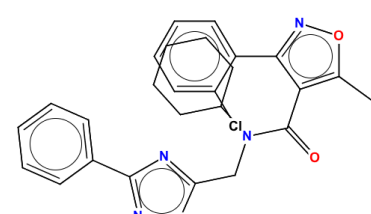


Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.51)	Correlation between compound 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-K52662613-001-01-6 PubChem CID : 54657569		0.53 (in 4 replicates)	0.58	0.220				Total number of assays tested in: 37. Active in the following assays: <ul style="list-style-type: none"> MLPCN SirT5 Measured in Biochemical System Using Imaging - 7044-01.Inhibitor.SinglePoint.HTS.Activity.Set5 (AID 652115)
BRD-A29506681-001-05-5 SMR000131579 MLS000521170 MLS002589135 HMS2467M17 PubChem CID : 9550560		0.62 (in 3 replicates)	0.57	NA				Total number of assays tested in: 688. Active in the following assays: <ul style="list-style-type: none"> Primary screen for compounds that activate Insulin promoter activity in TRM-6 cells (AID 1296) QFRET-based primary biochemical high throughput screening assay to identify inhibitors of the Plasmodium falciparum M18 Aspartyl Aminopeptidase (PFM18AAP). (AID 1822) HTS:Luminescent assay for inhibitors of AIR by detection of hydrogen peroxide production Measured in Biochemical System Using Plate Reader - 2036-02.Inhibitor.SinglePoint.HTS (AID 485317) qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) Heat Shock Factor-1 (HSF-1) Measured in Cell-Based System Using Plate Reader - 2038-01.Activator.SinglePoint.HTS.Activity (AID 504408) HTS to Find Inhibitors of Pathogenic Pemphigus Antibodies (AID 588358) Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483) 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-K18533510-001-01-6 PubChem CID : 44487279		0.52 (in 3 replicates)	0.55	0.329				Total number of assays tested in: 57. Active in the following assays: <ul style="list-style-type: none"> HTS for the detection of C. neoformans cell lysis via adenylate kinase (AK) release Measured in Microorganism System Using Plate Reader - 2162-01.Inhibitor.SinglePoint.HTS.Activity (AID 651654)
BRD-K67832115-001-01-1 PubChem CID : 54619033		0.87 (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"> 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)
BRD-K43766497-001-01-8 PubChem CID : 54641109		NA (in 1 replicates)	0.49	NA				Total number of assays tested in: 38.
BRD-K96198015-001-01-3 PubChem CID : 54618165		0.92 (in 4 replicates)	0.46	0.594				Total number of assays tested in: 36. Active in the following assays: <ul style="list-style-type: none"> DENV2 CPE-Based HTS Measured in Cell-Based and Microorganism Combination System Using Plate Reader - 2149-01.Other.SinglePoint.HTS.Activity (AID 651640)

<p>BRD-K10175503-001-05-4</p> <p>SMR000004347</p> <p>AC1LDD75</p> <p>MLS000072978</p> <p>MLS002534477</p> <p>HMS2169K16</p> <p>HMS3311E03</p> <p>ZINC8586350</p> <p>ASN 05297992</p> <p>PubChem CID : 646225</p>		<p>NA (in 1 replicates)</p>	<p>0.45</p>	<p>NA</p>				<p>Total number of assays tested in: 770. Active in the following assays:</p> <ul style="list-style-type: none"> HTS for BAP1 Enzyme inhibitors (AID 436) Human H60AR Lung Tumor Cell Growth Inhibition Assay - 86K Screen (AID 598) qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490) Cycloheximide Counter-screen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) qHTS Assay for Inhibitors of RecQ-Like Dna Helicase 1 (RECQL) (AID 2549) HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732) qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) Primary qHTS for delayed death inhibitors of the malarial parasite plasmod, 48 hour incubation (AID 504832) qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978) qHTS for Inhibitors of Inflammasome Signaling: IL-1-beta AlphaLISA Primary Screen (AID 743279)
<p>BRD-K58475709-001-01-2</p> <p>PubChem CID : 54657585</p>		<p>0.63 (in 4 replicates)</p>	<p>0.42</p>	<p>0.098</p>				<p>Total number of assays tested in: 35.</p>
<p>BRD-K33894111-001-01-6</p> <p>PubChem CID : 54618688</p>		<p>0.73 (in 4 replicates)</p>	<p>-0.56</p>	<p>0.406</p>				<p>Total number of assays tested in: 37.</p>
<p>BRD-K78761249-001-01-8</p> <p>PubChem CID : 54645870</p>		<p>NA (in 1 replicates)</p>	<p>-0.52</p>	<p>0.967</p>				<p>Total number of assays tested in: 42.</p>
<p>BRD-K05001008-001-01-8</p> <p>PubChem CID : 44504628</p>		<p>0.72 (in 4 replicates)</p>	<p>-0.49</p>	<p>0.654</p>				<p>Total number of assays tested in: 46.</p>
<p>BRD-K17834240-001-01-6</p> <p>PubChem CID : 54646000</p>		<p>0.63 (in 3 replicates)</p>	<p>-0.46</p>	<p>NA</p>				<p>Total number of assays tested in: 39.</p>

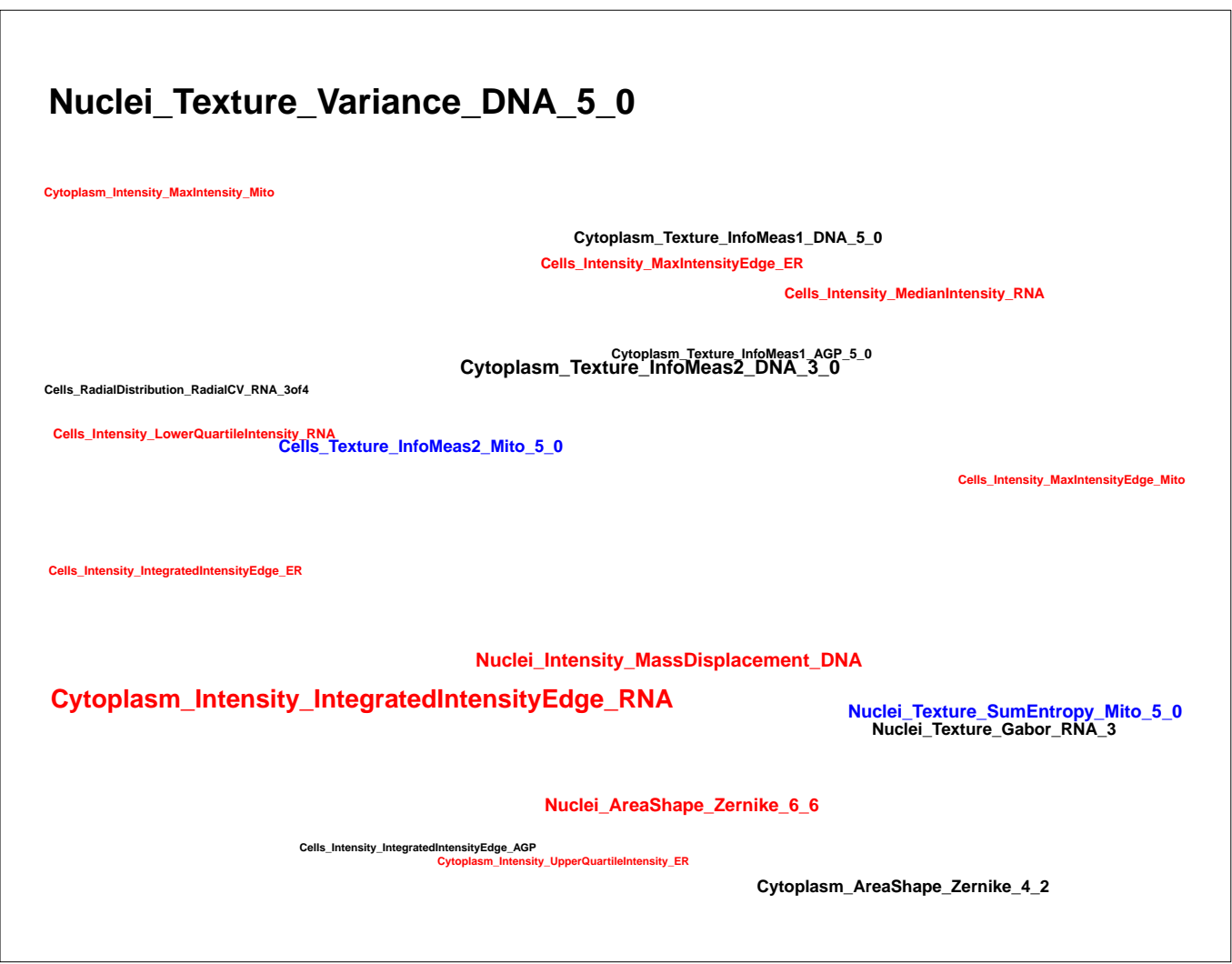
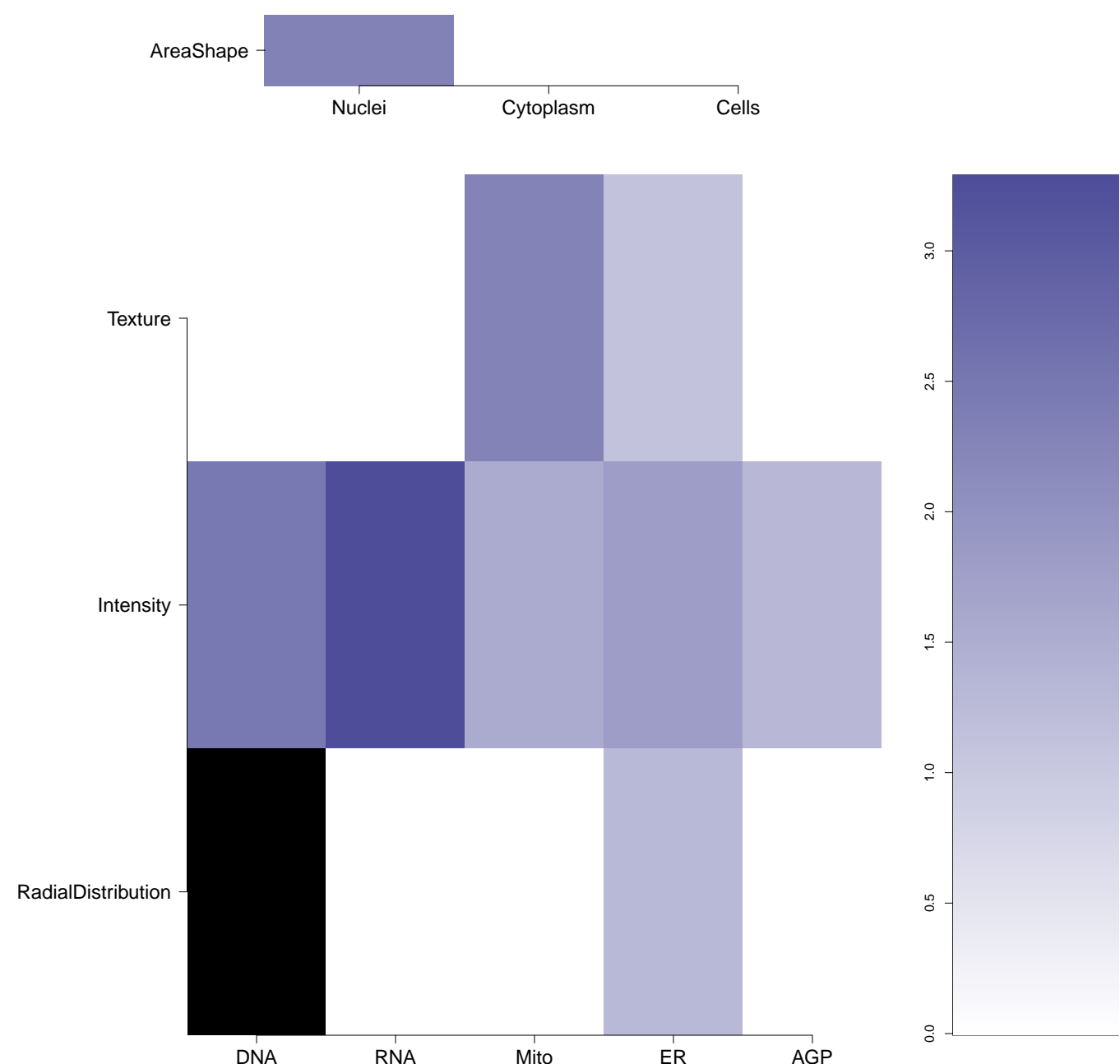
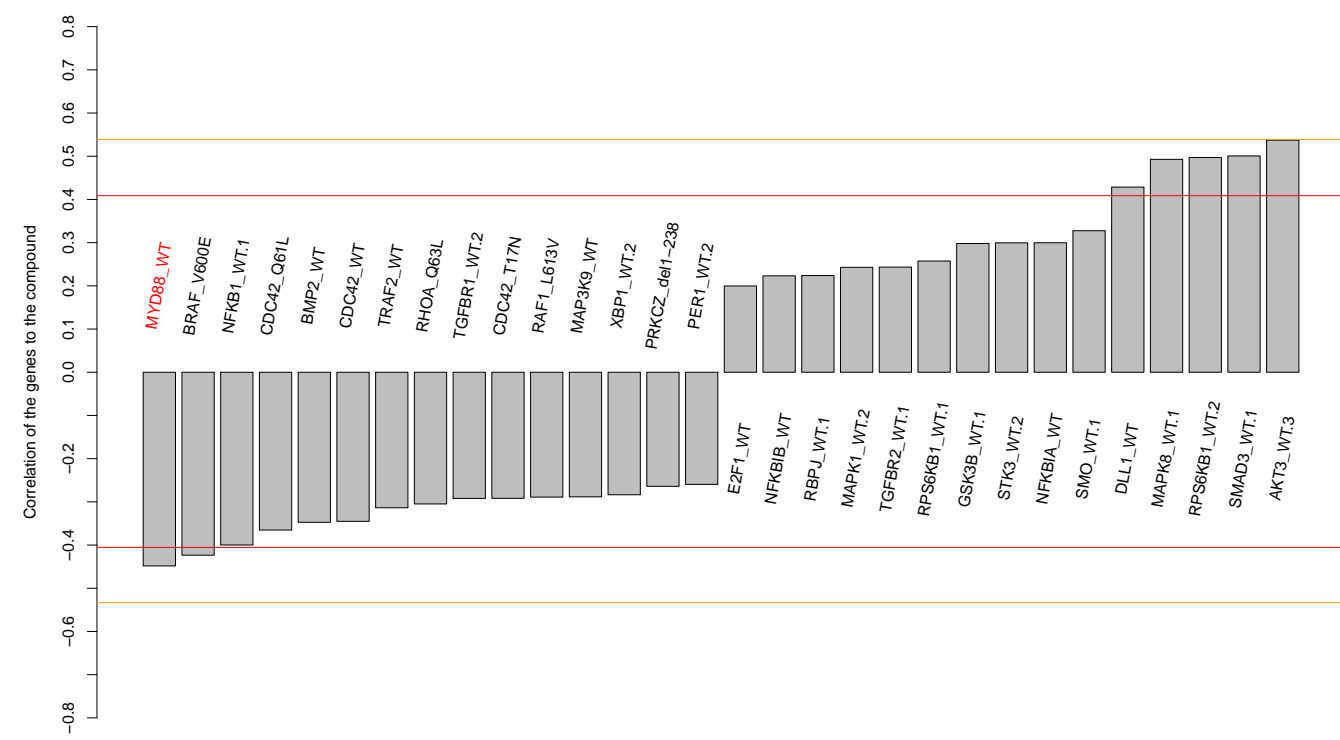
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NA (in 1 replicates)

-0.45

NA



- Total number of assays tested in: 688. Active in the following assays:
- CYP2C9 Assay (AID 777)
 - CYP2C19 Assay (AID 778)
 - Leishmania major promastigote HTS (AID 1063)
 - qHTS Assay for Antagonists of the Neuropeptide S Receptor: cAMP Signal Transduction (AID 1461)
 - qHTS Assay for Inhibitors of Influenza NS1 Protein Function (AID 2326)
 - Primary cell-based screen for identification of compounds that inhibit the two-pore domain potassium channel KCNK9 (AID 488922)
 - Confirmatory screen for identification of compounds that inhibit the two-pore domain potassium channel KCNK9 (AID 492992)
 - Second counter screen for compounds that modulate the two-pore domain potassium channel (KCNK9) (AID 492997)
 - HTS to identify compounds that promote myeloid differentiation with MLPNC compound set (AID 624256)
 - HIV entry: Env-mediated Cell Fusion Measured in Cell-Based System Using Plate Reader - 7013-01 Inhibitor-SinglePoint.HTS-Activity (AID 651610)
 - Confirmation assay for identification of compounds that inhibit the two-pore domain potassium channel KCNK3 [Primary Screening] (AID 651638)
 - 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)
 - qHTS Assay for Inhibitors of Hepatitis C Virus (HCV) (AID 651820)
 - qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)