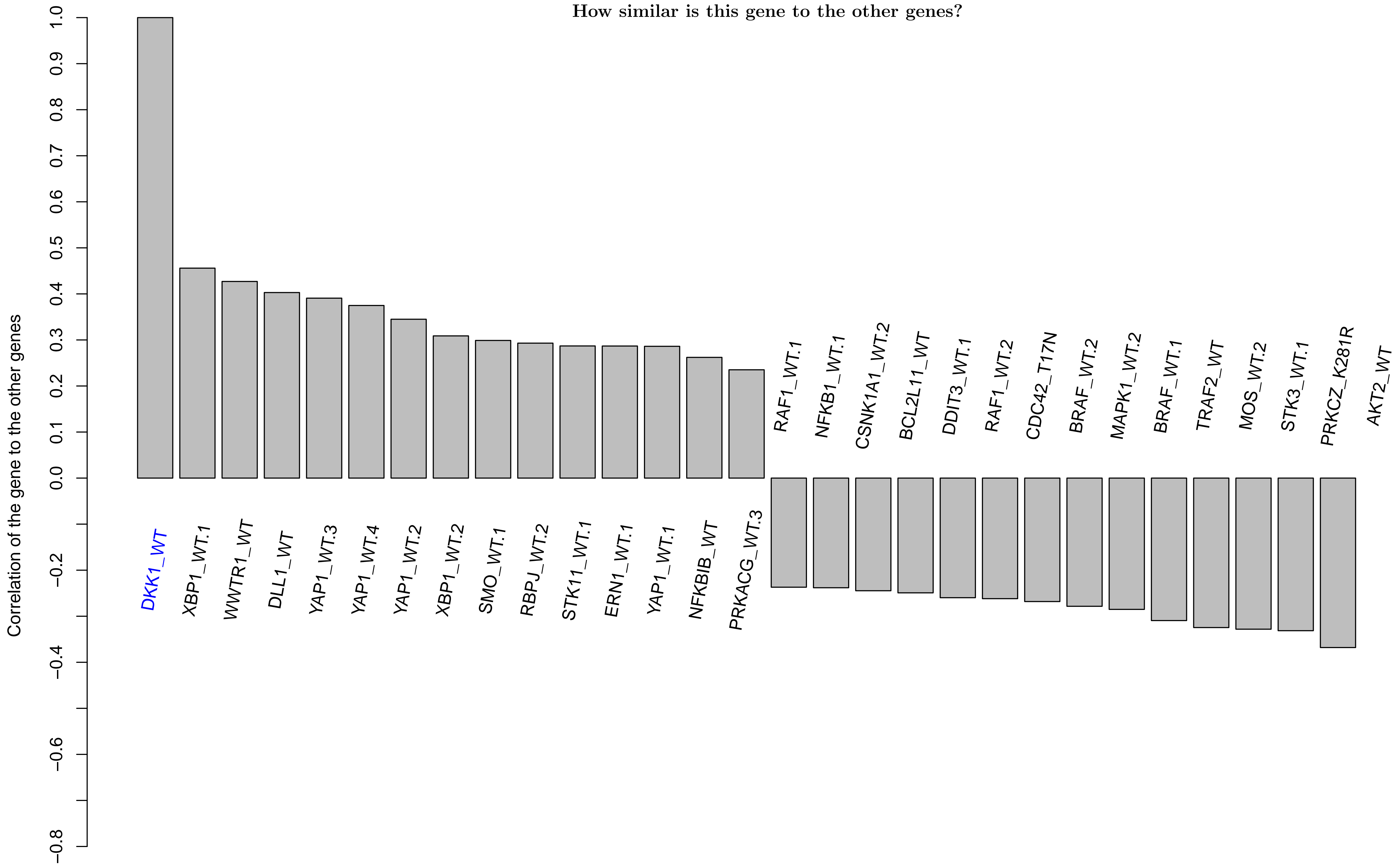
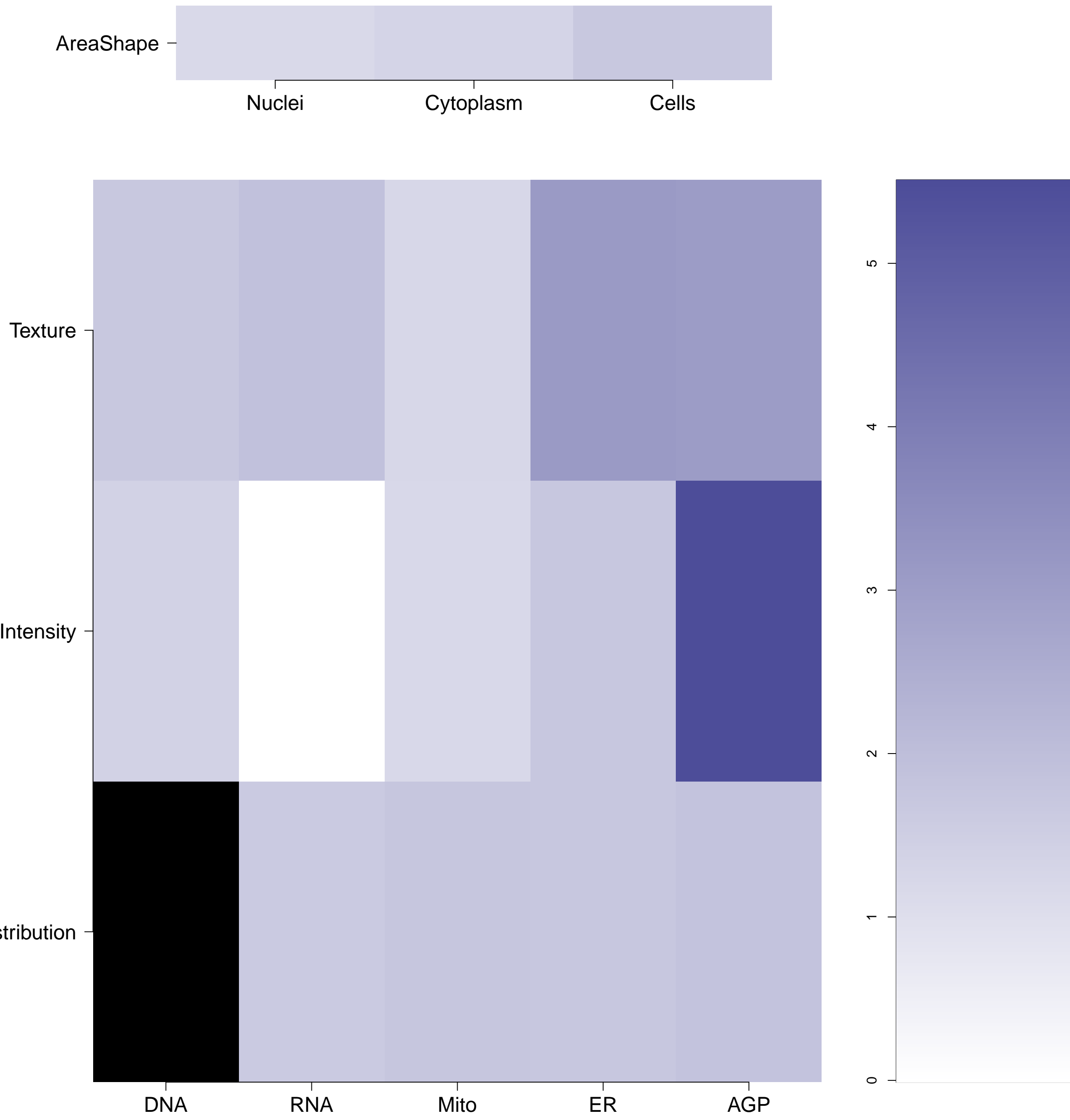


DKK1.WT - in Canonical WNT

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

DKK1.WT (41744)

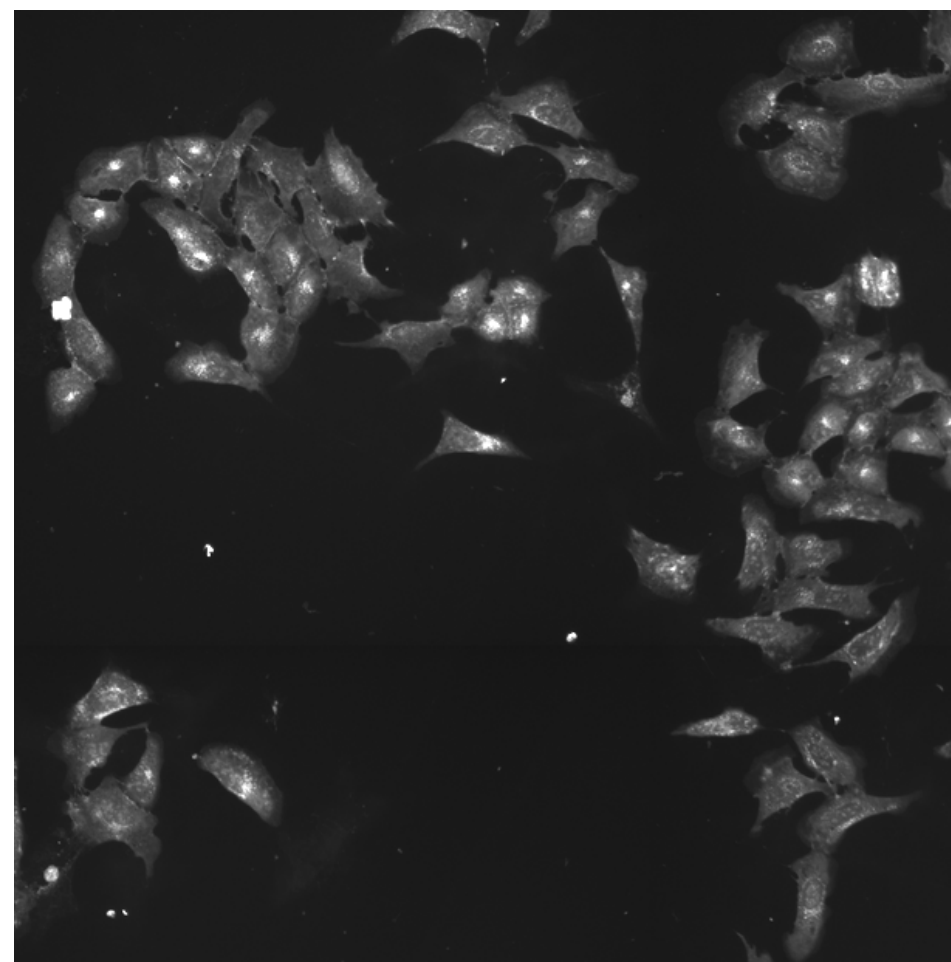
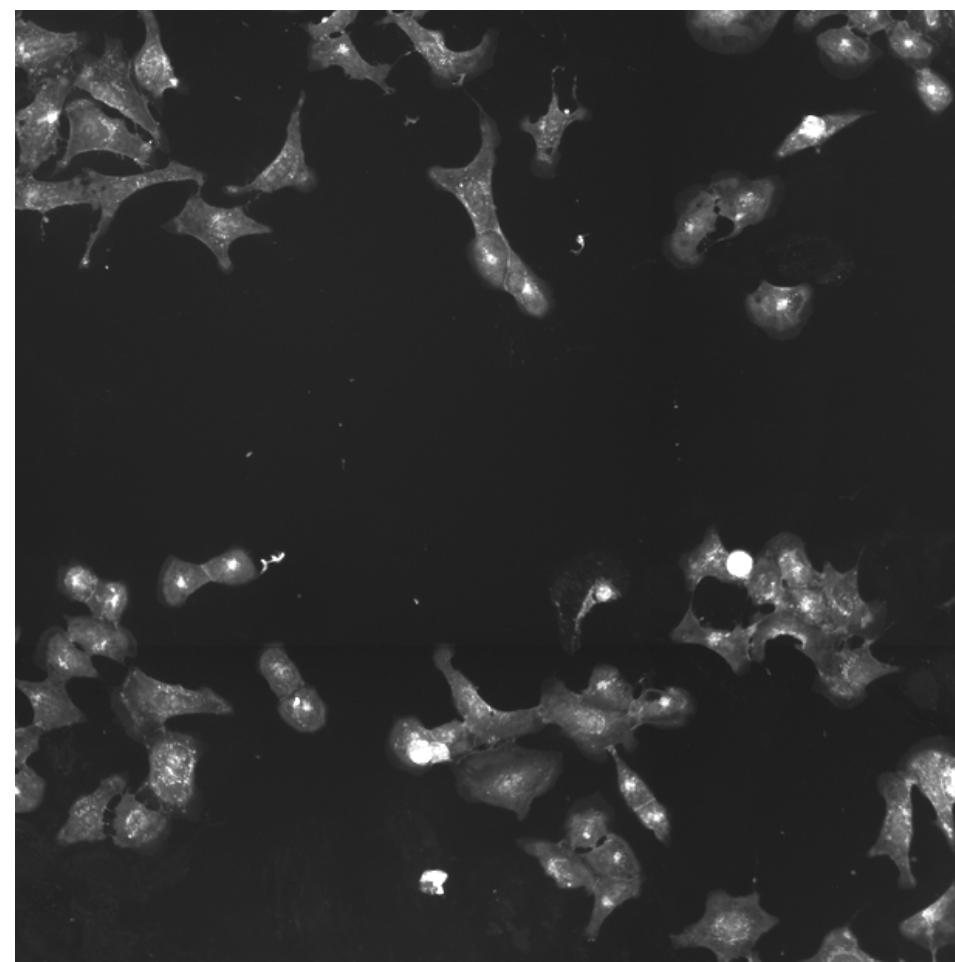
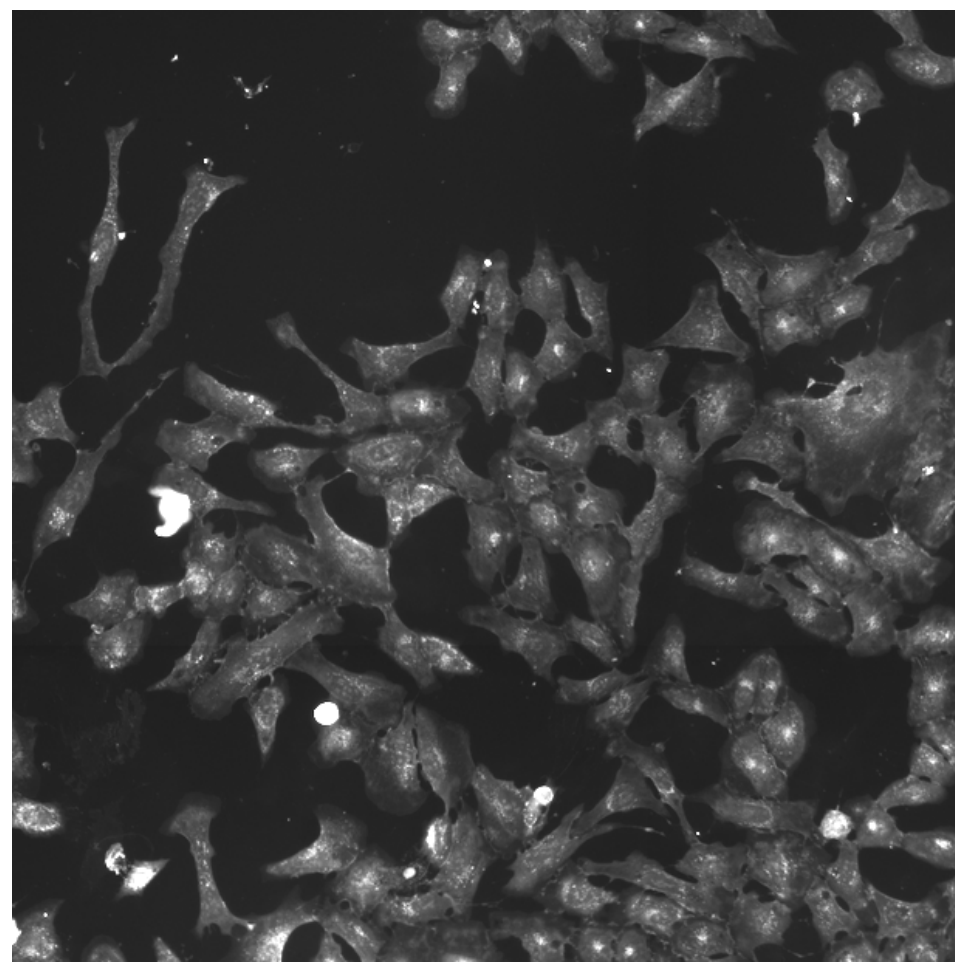
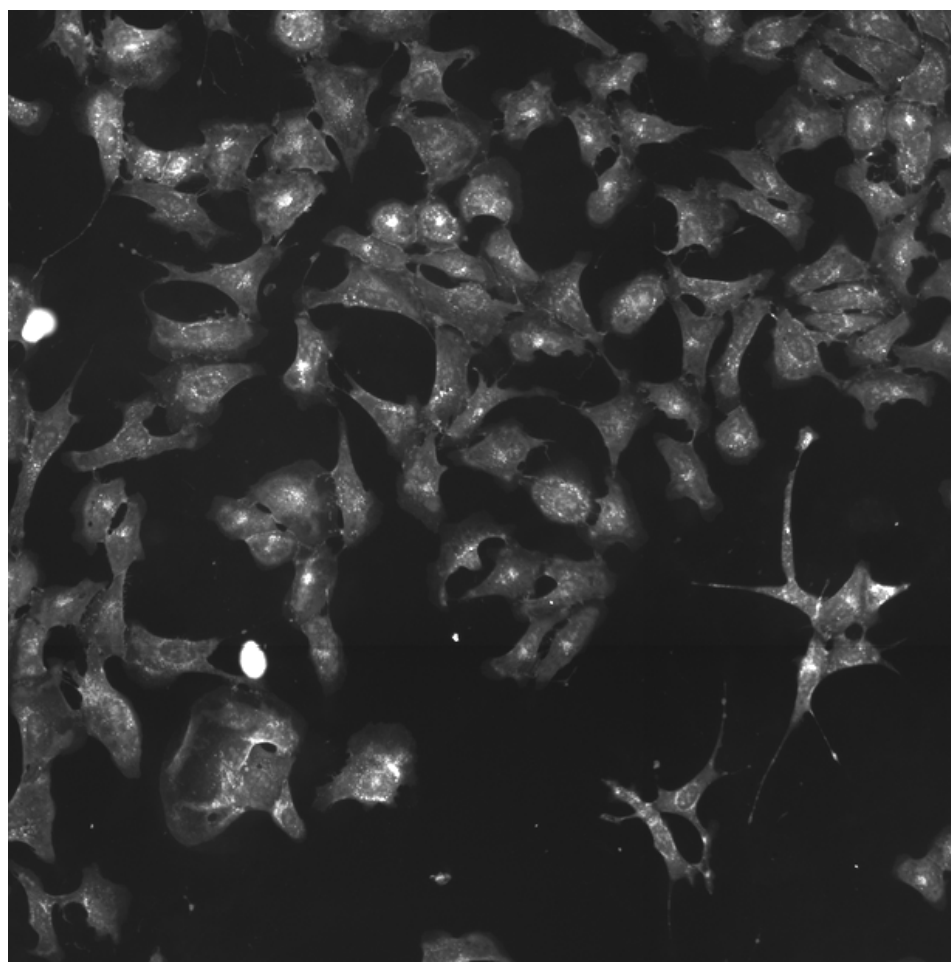
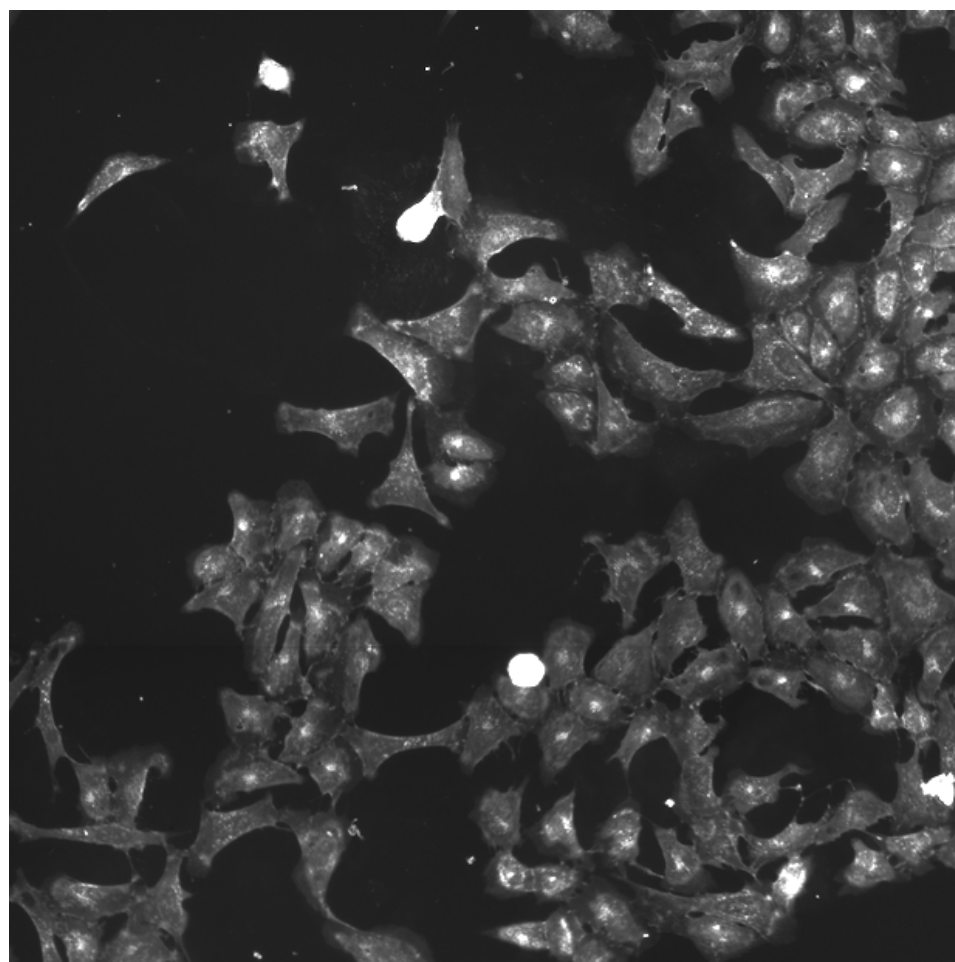
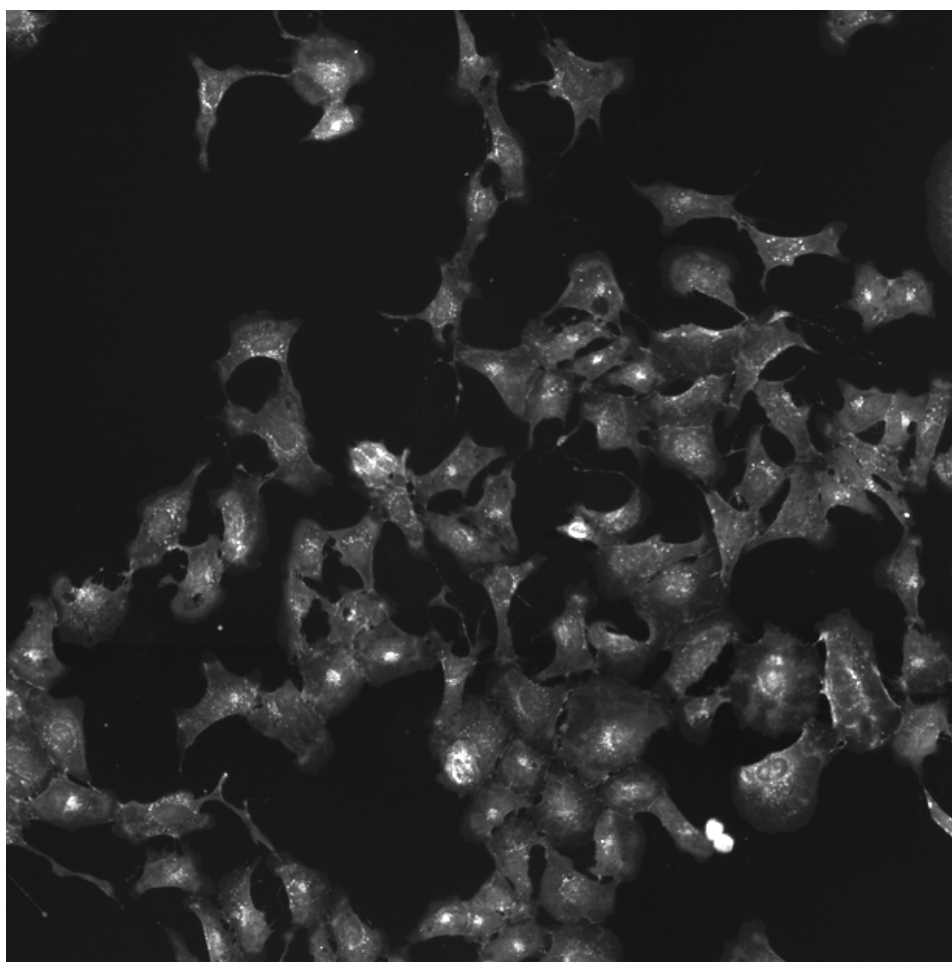
DKK1.WT (41755)

DKK1.WT (41756)

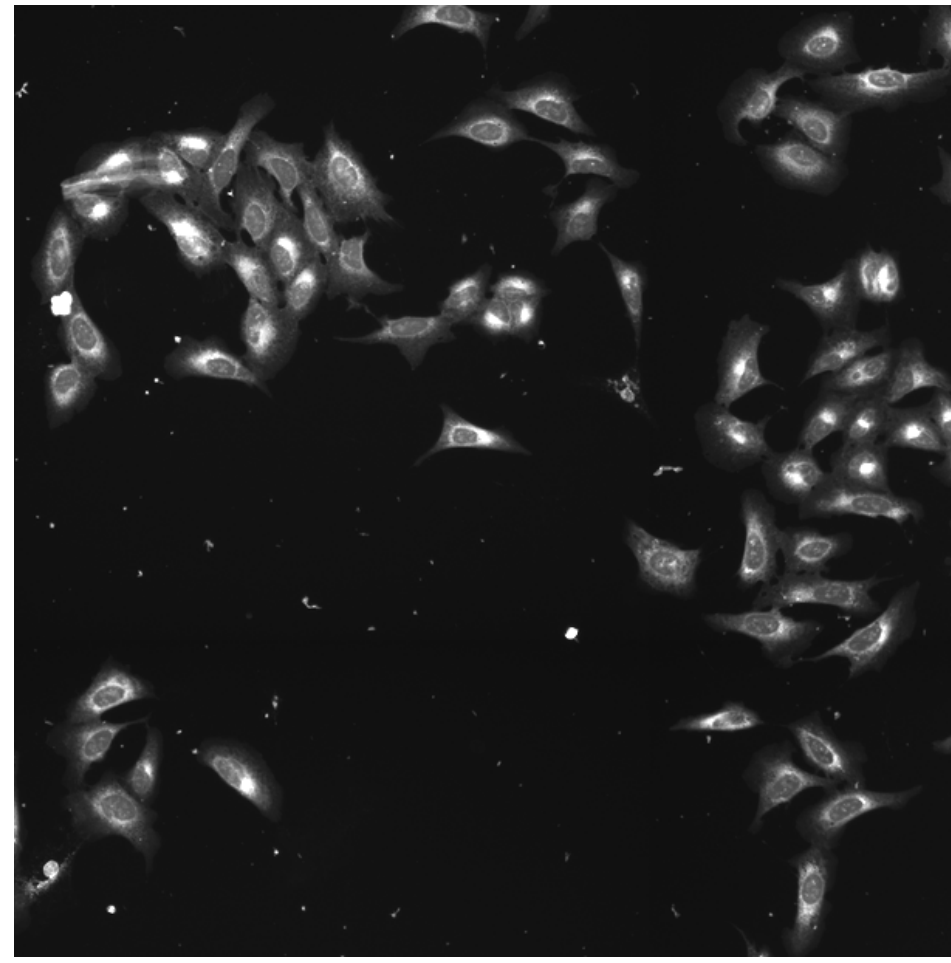
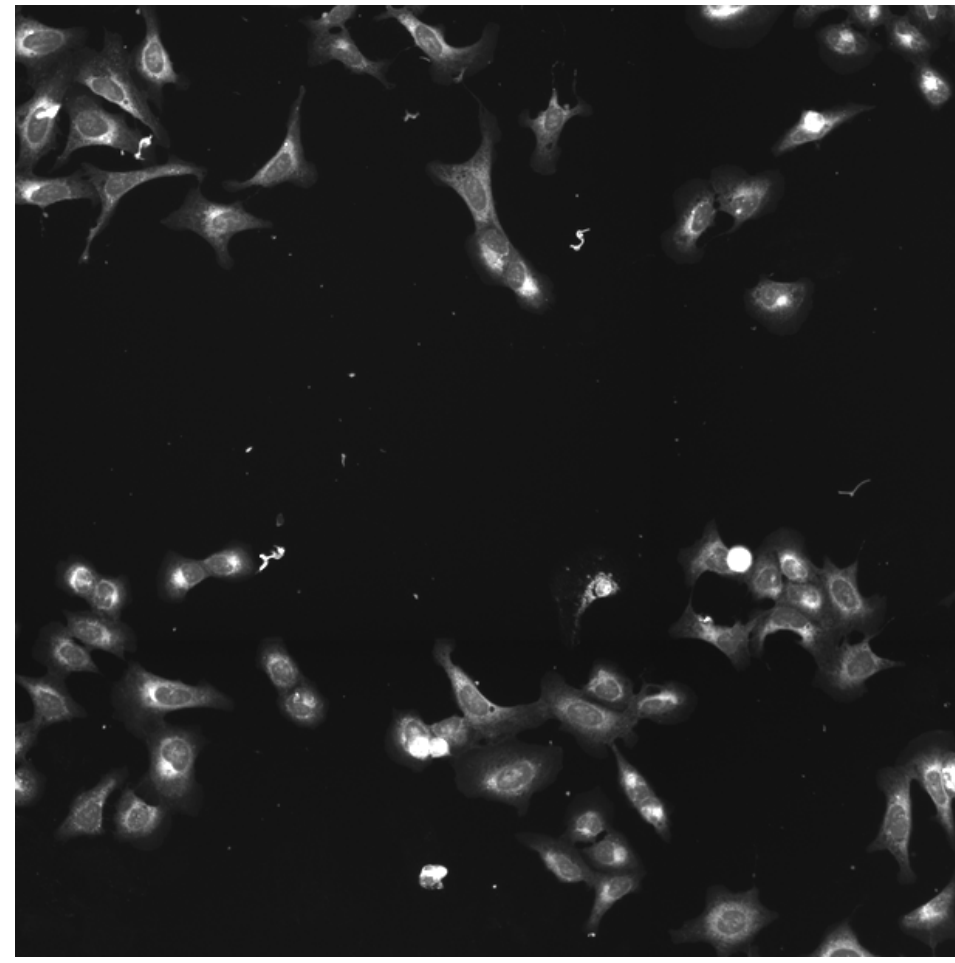
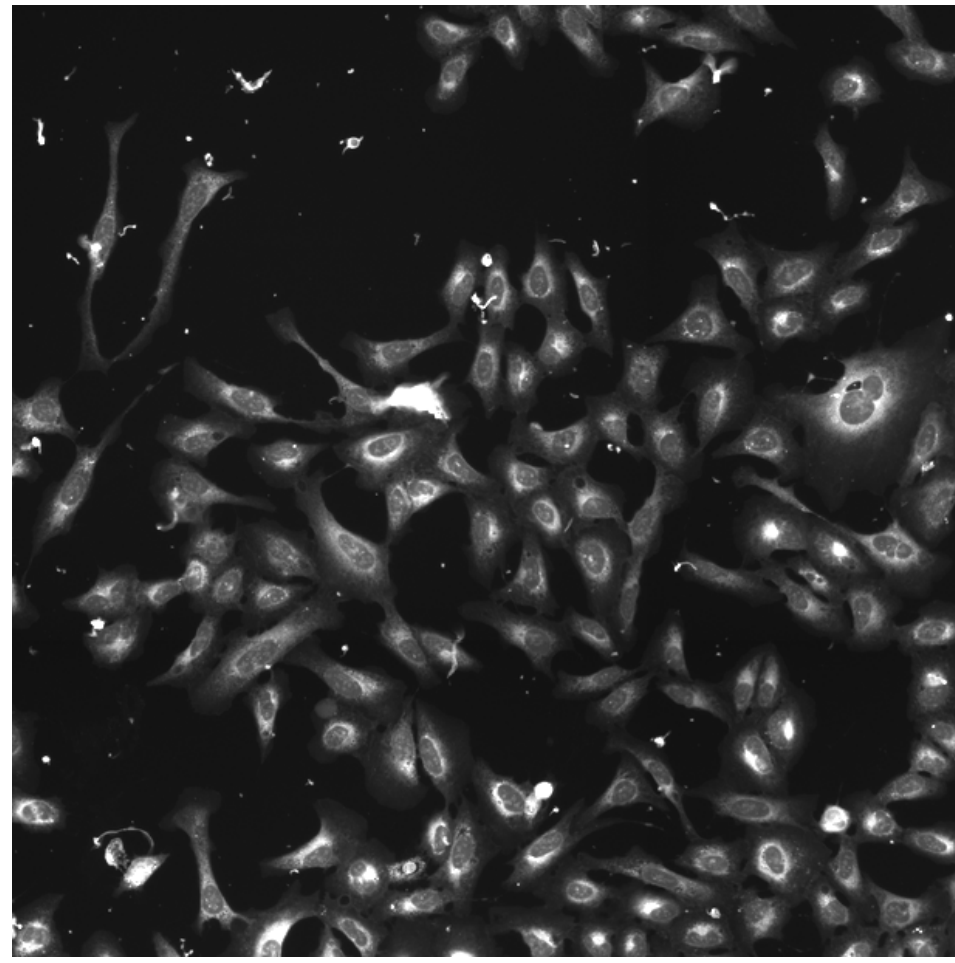
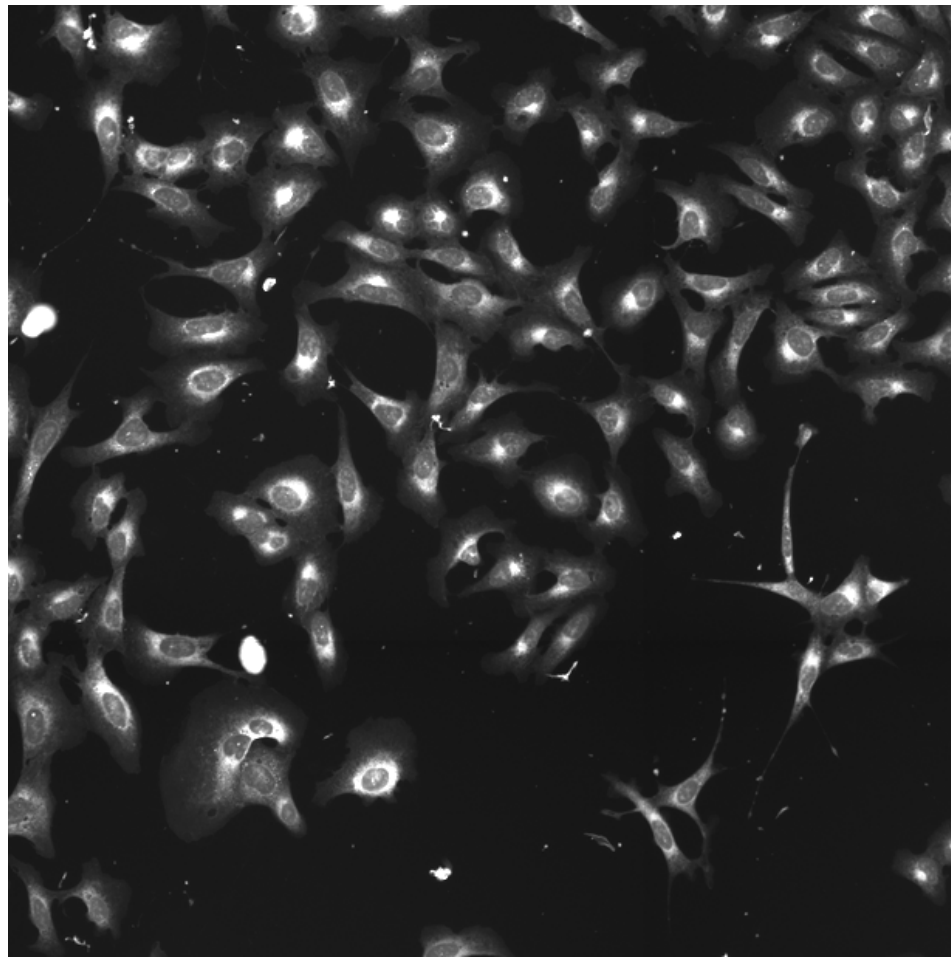
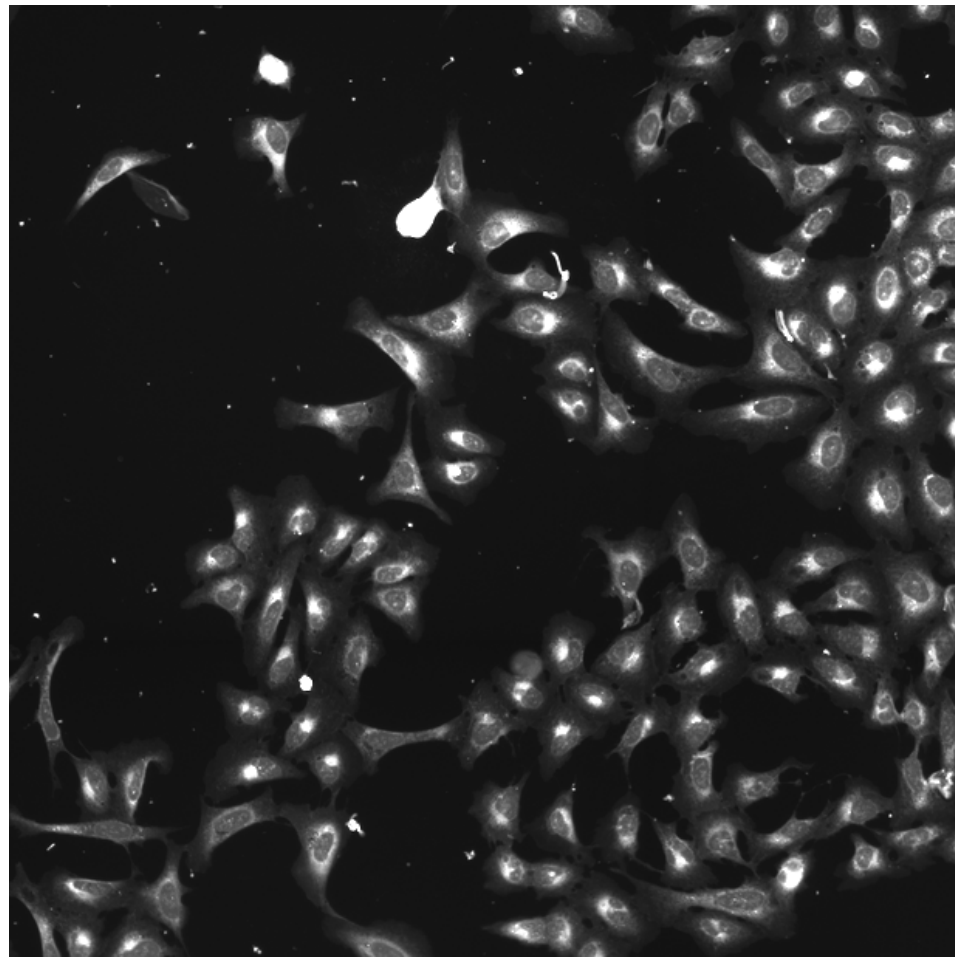
DKK1.WT (41757)

DKK1.WT (41754)

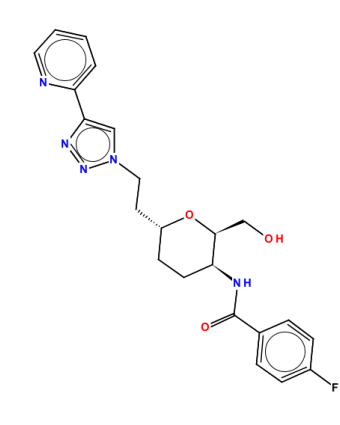
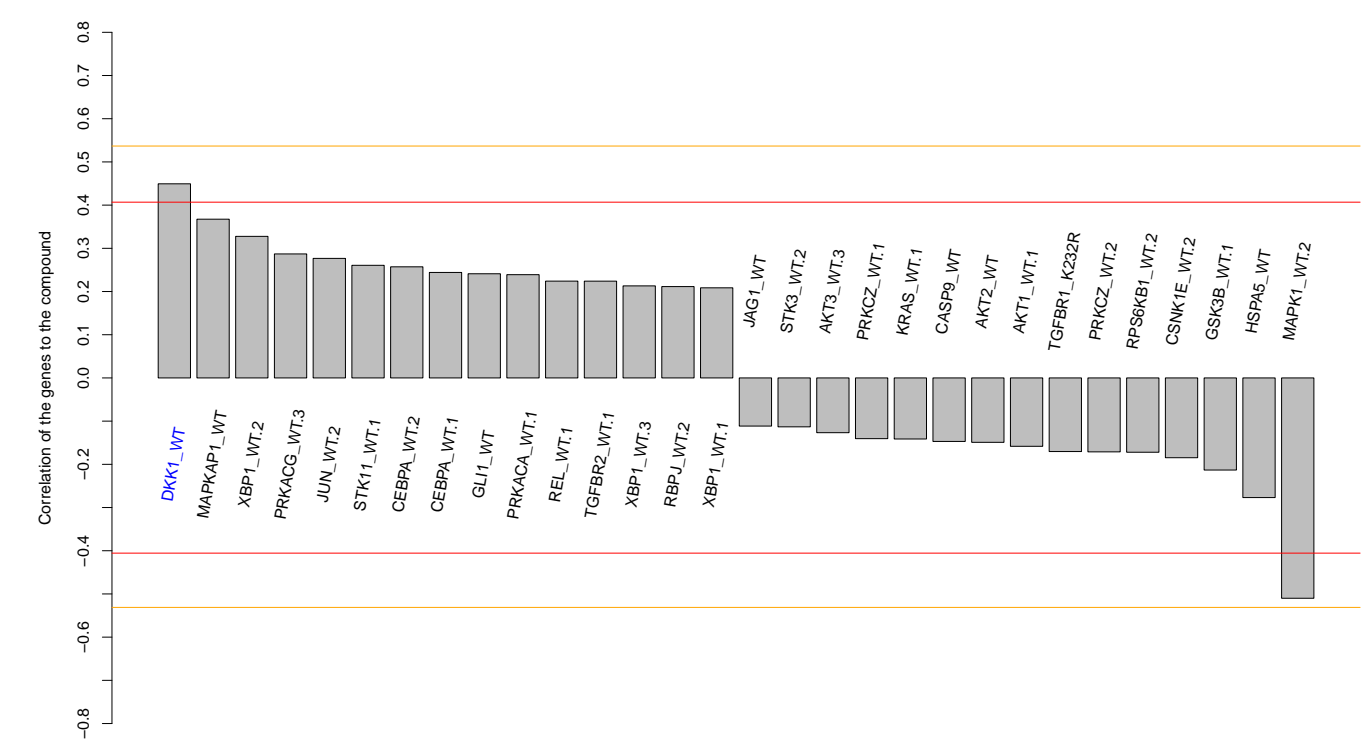
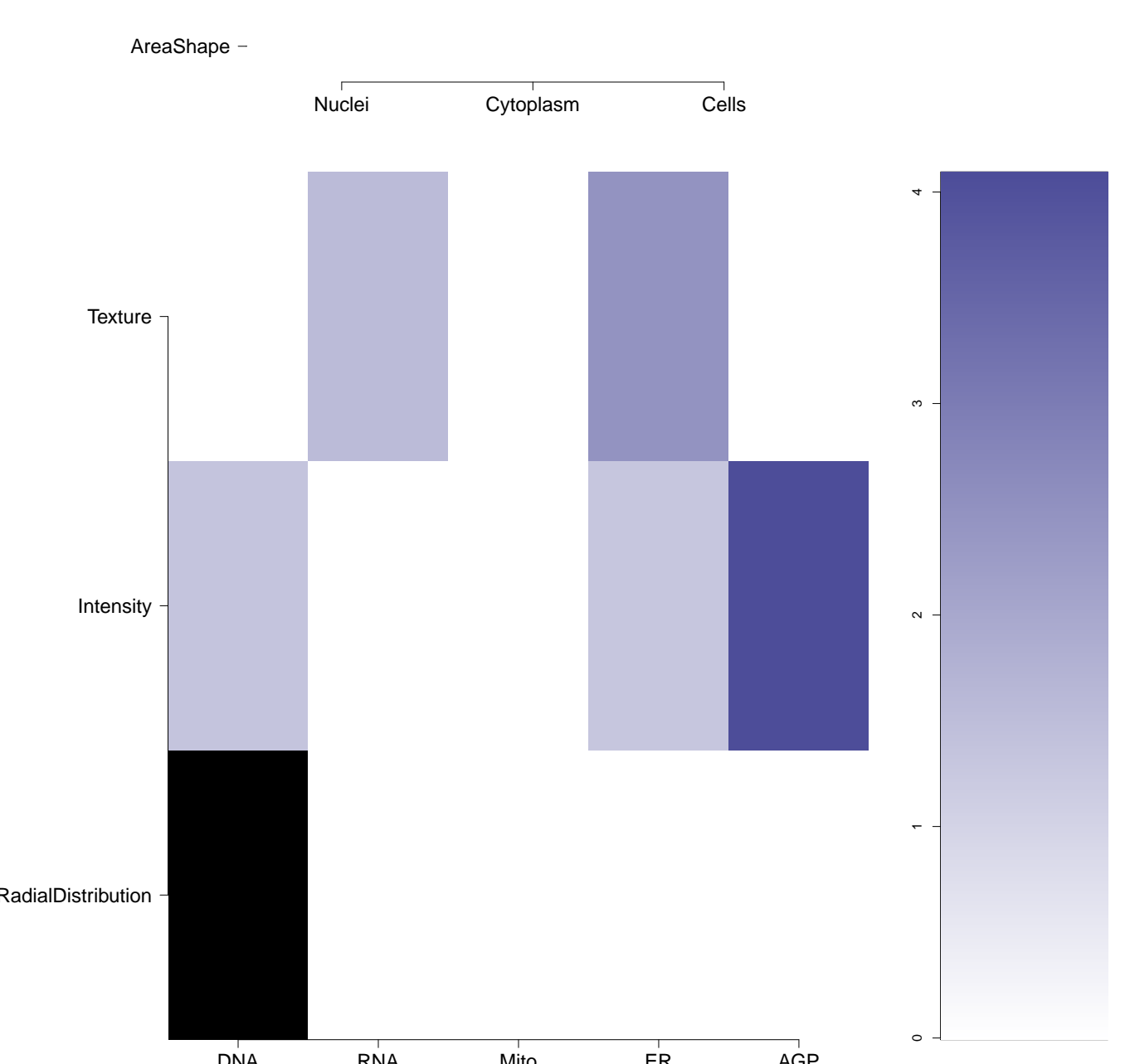
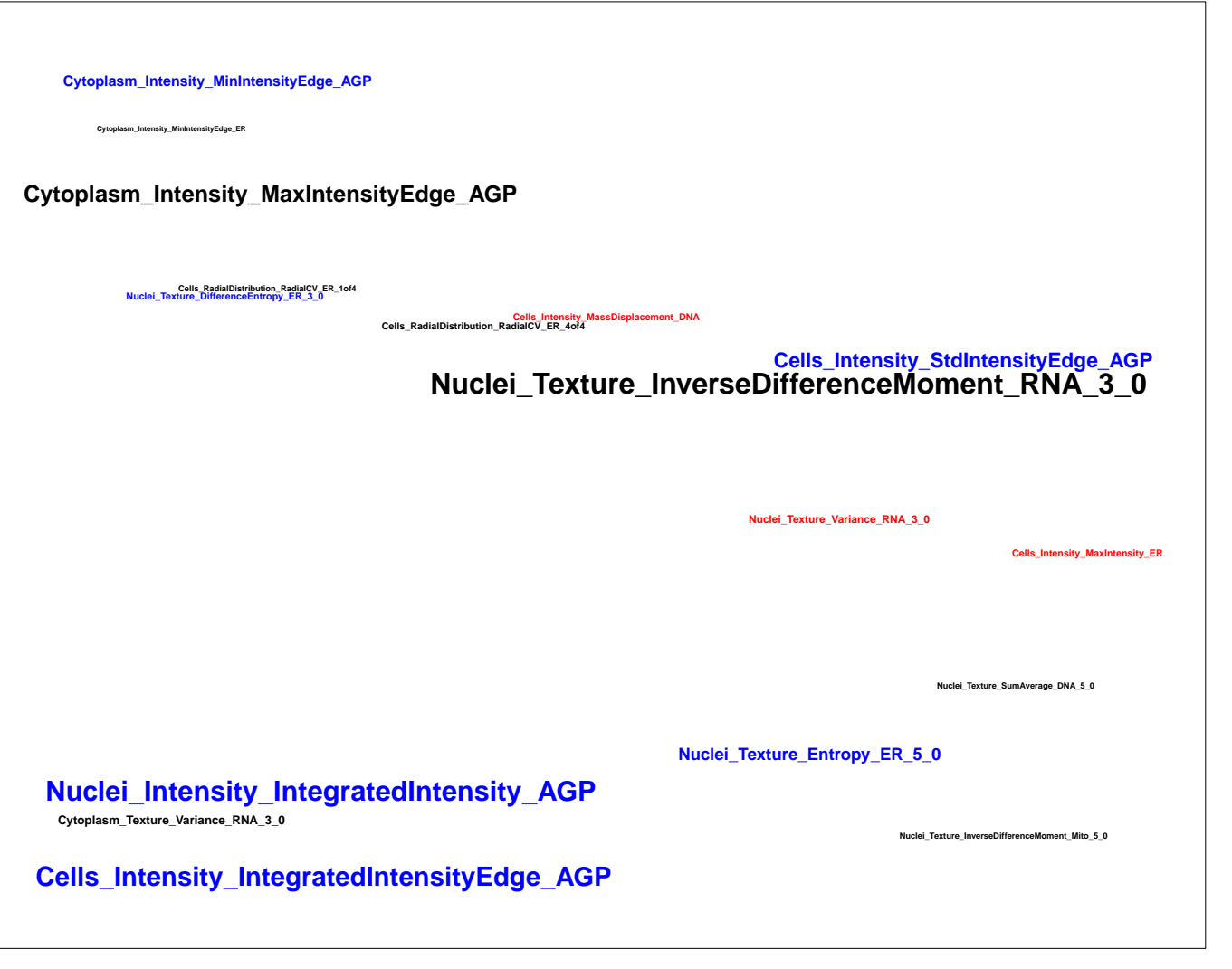
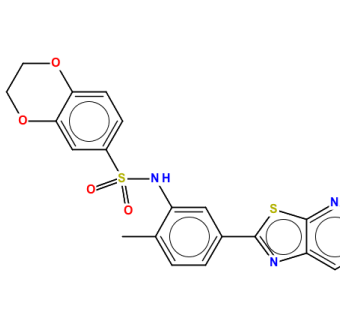
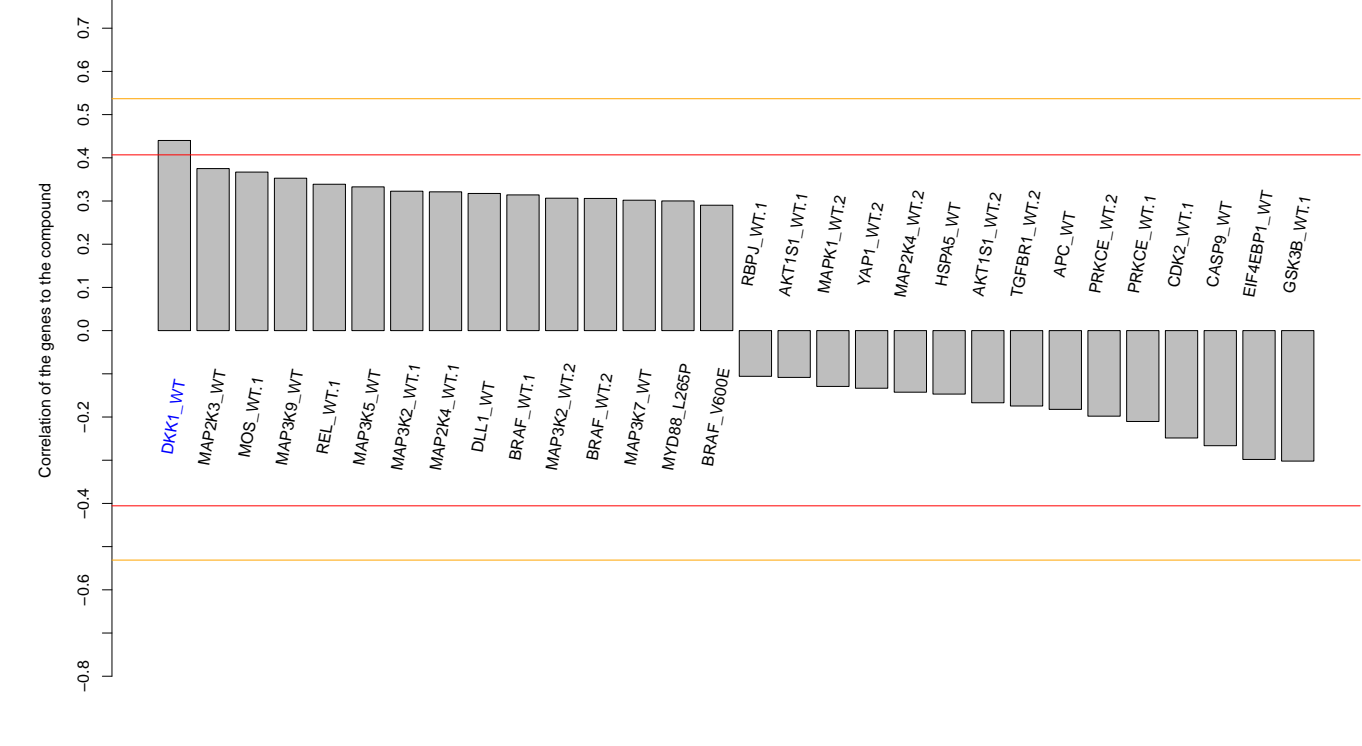
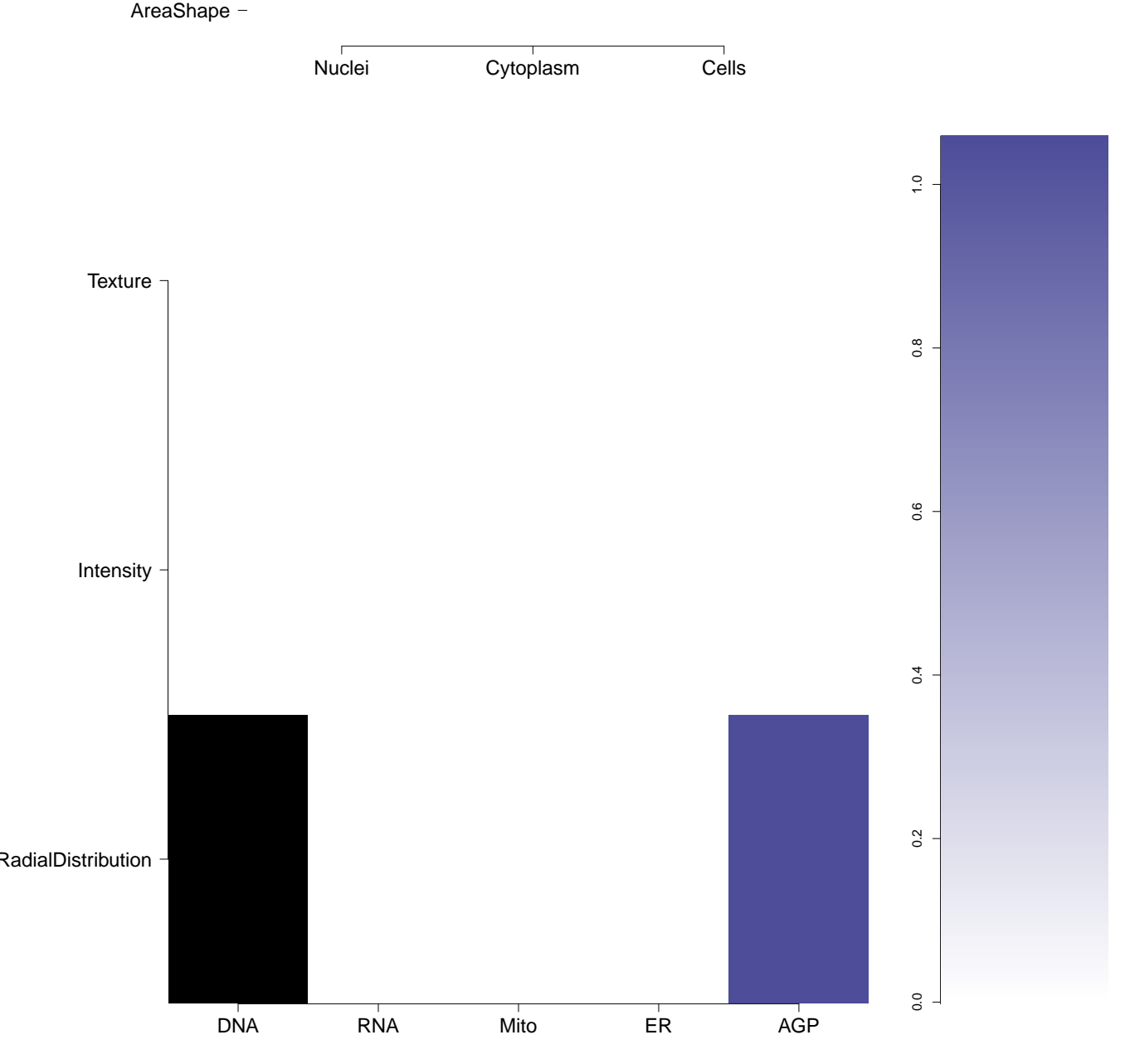
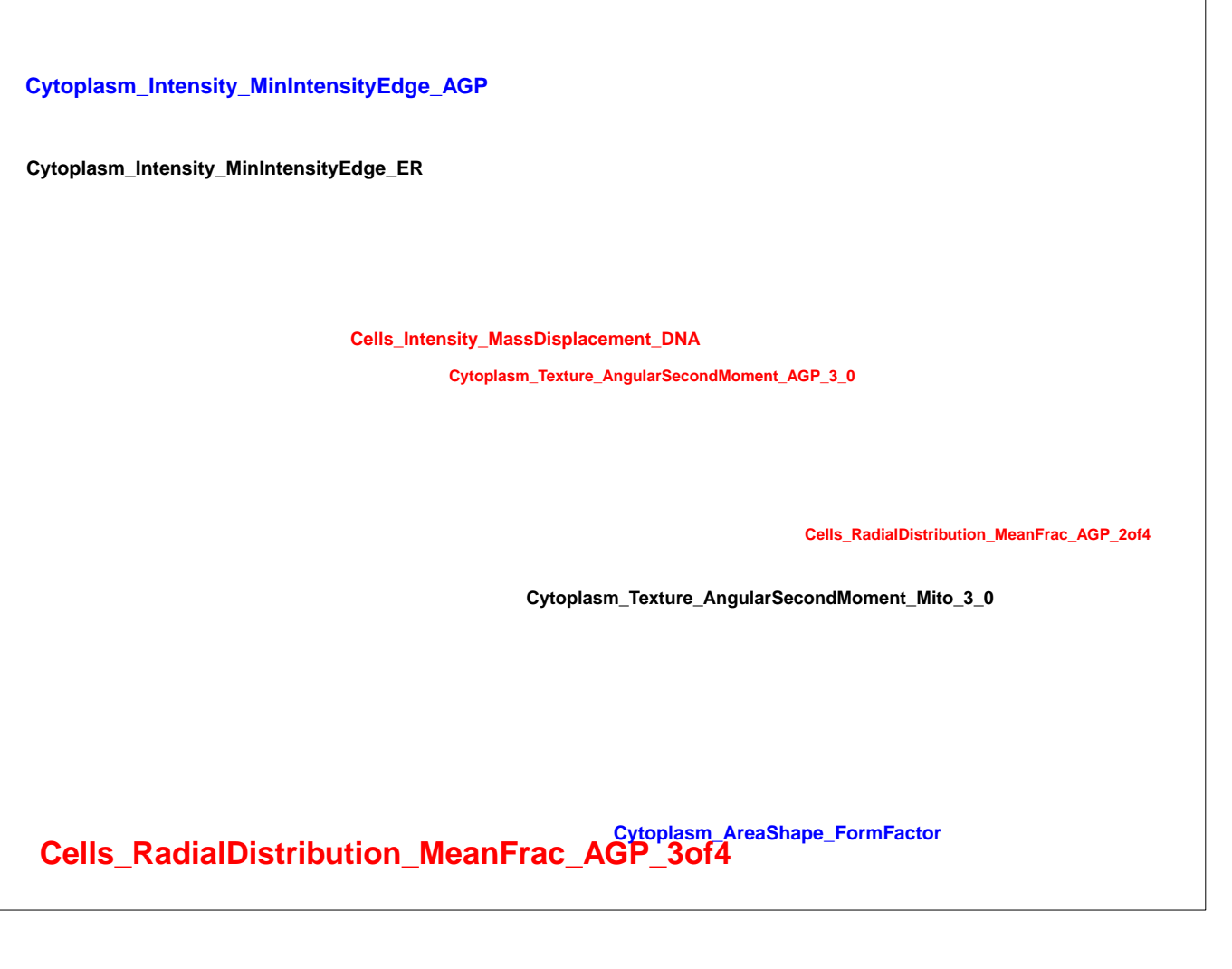
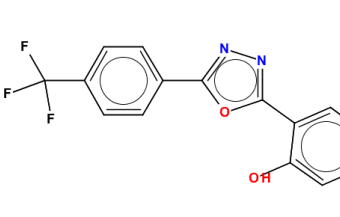
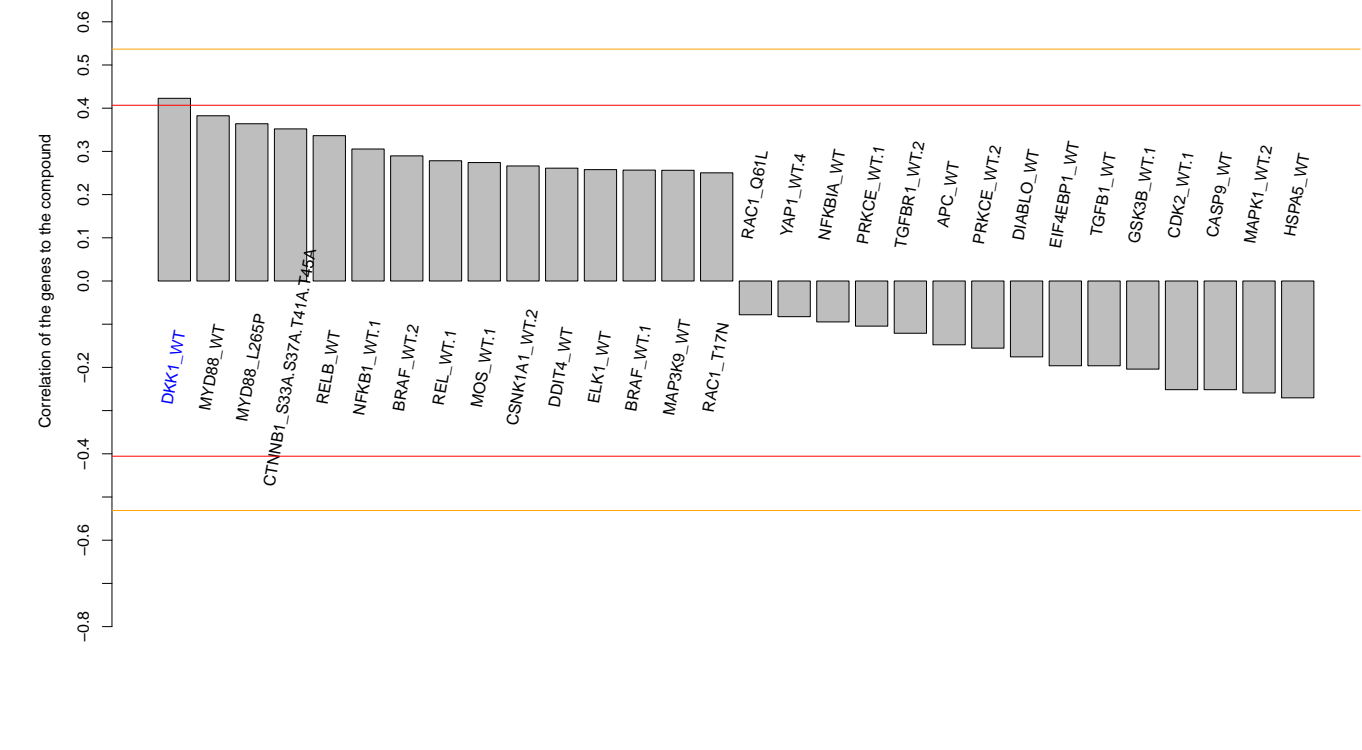
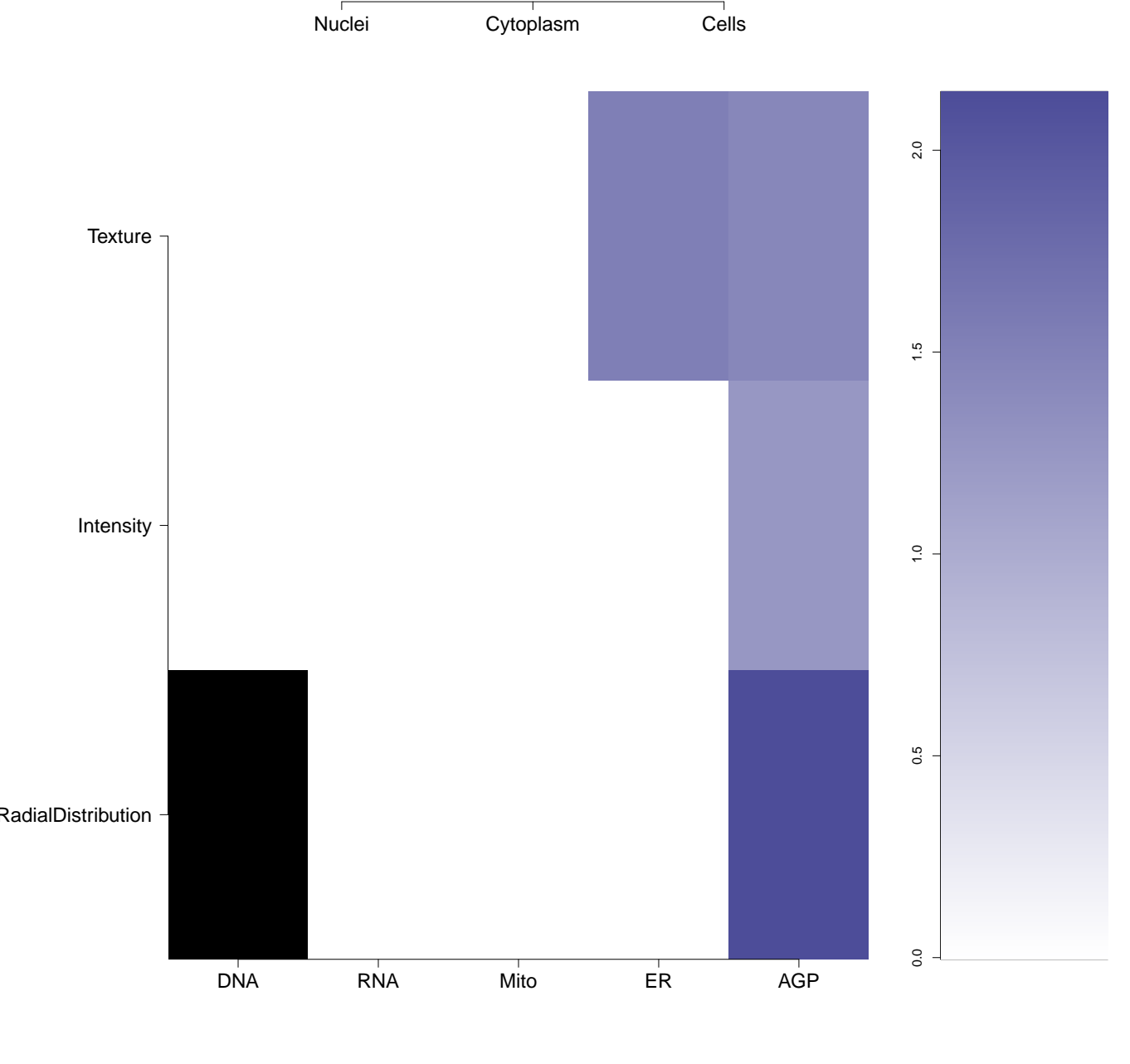

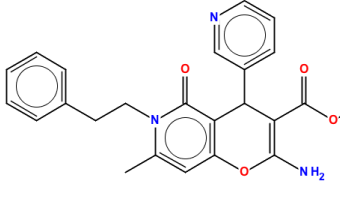
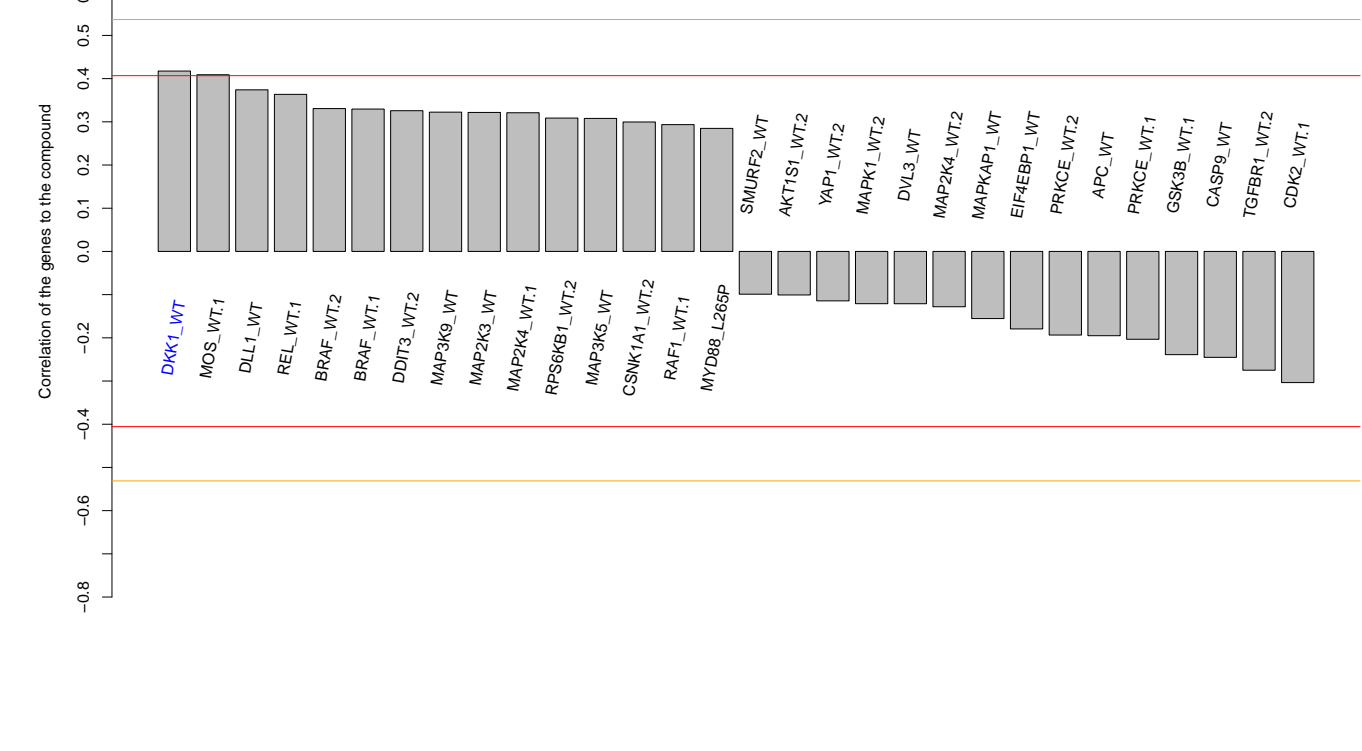
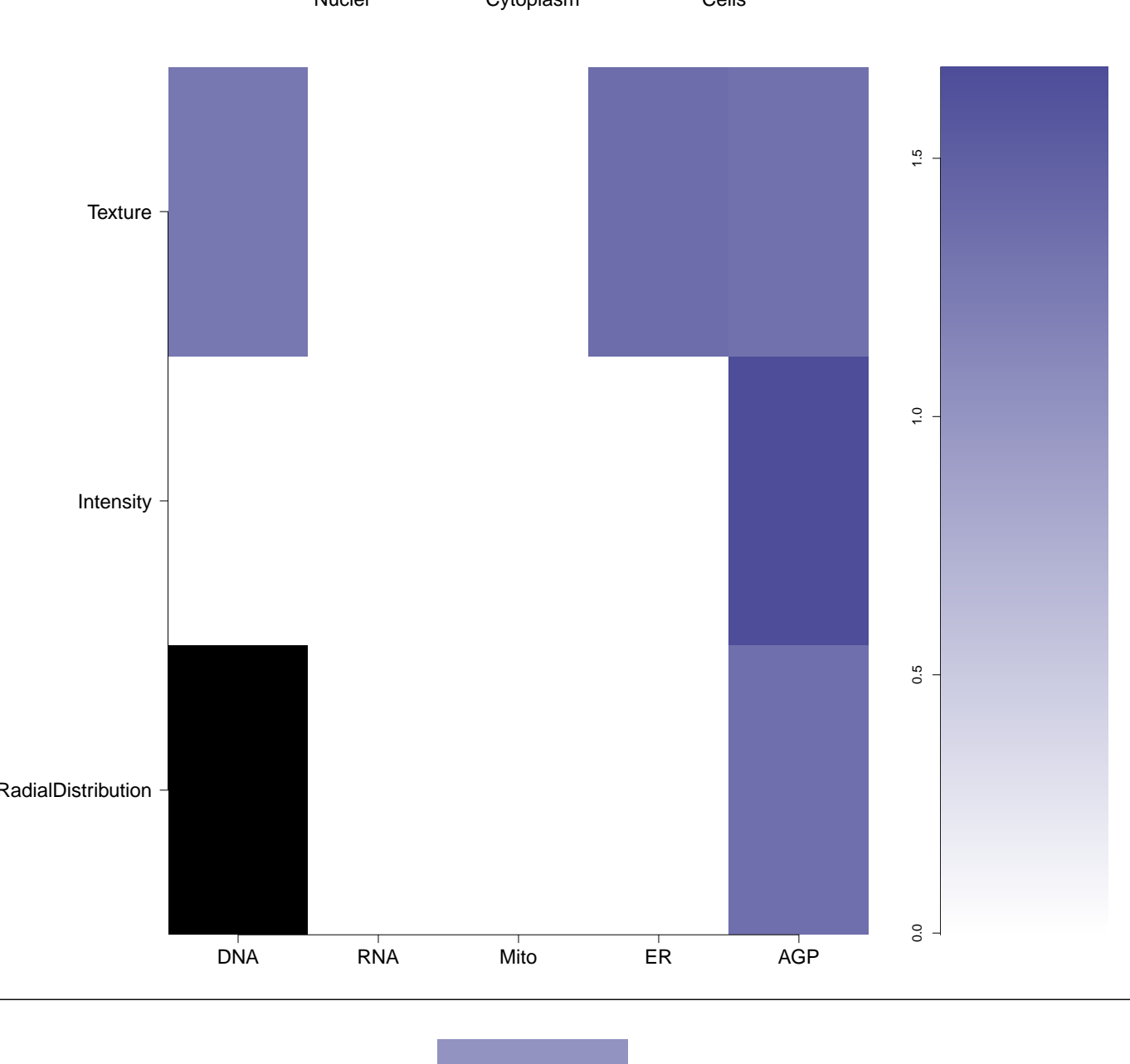

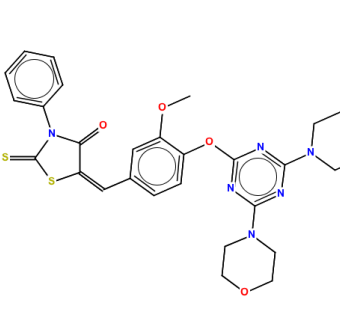
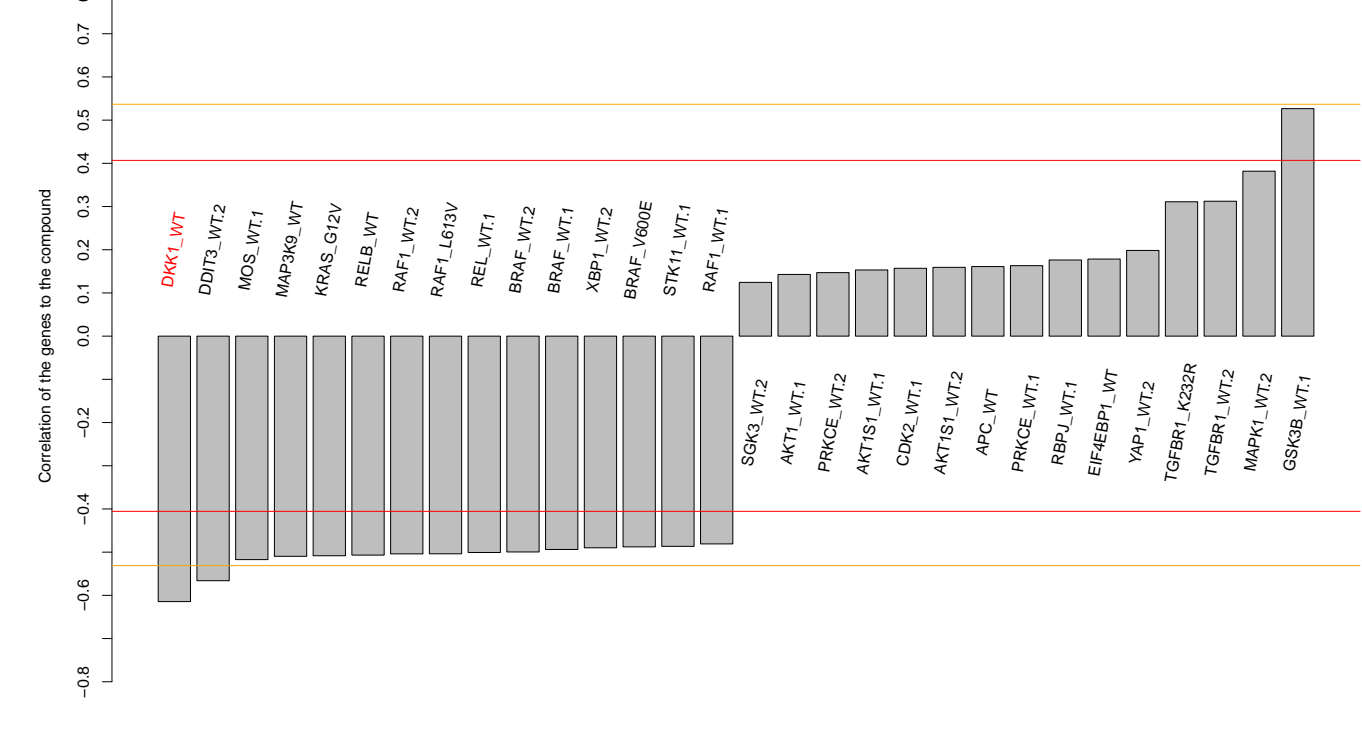
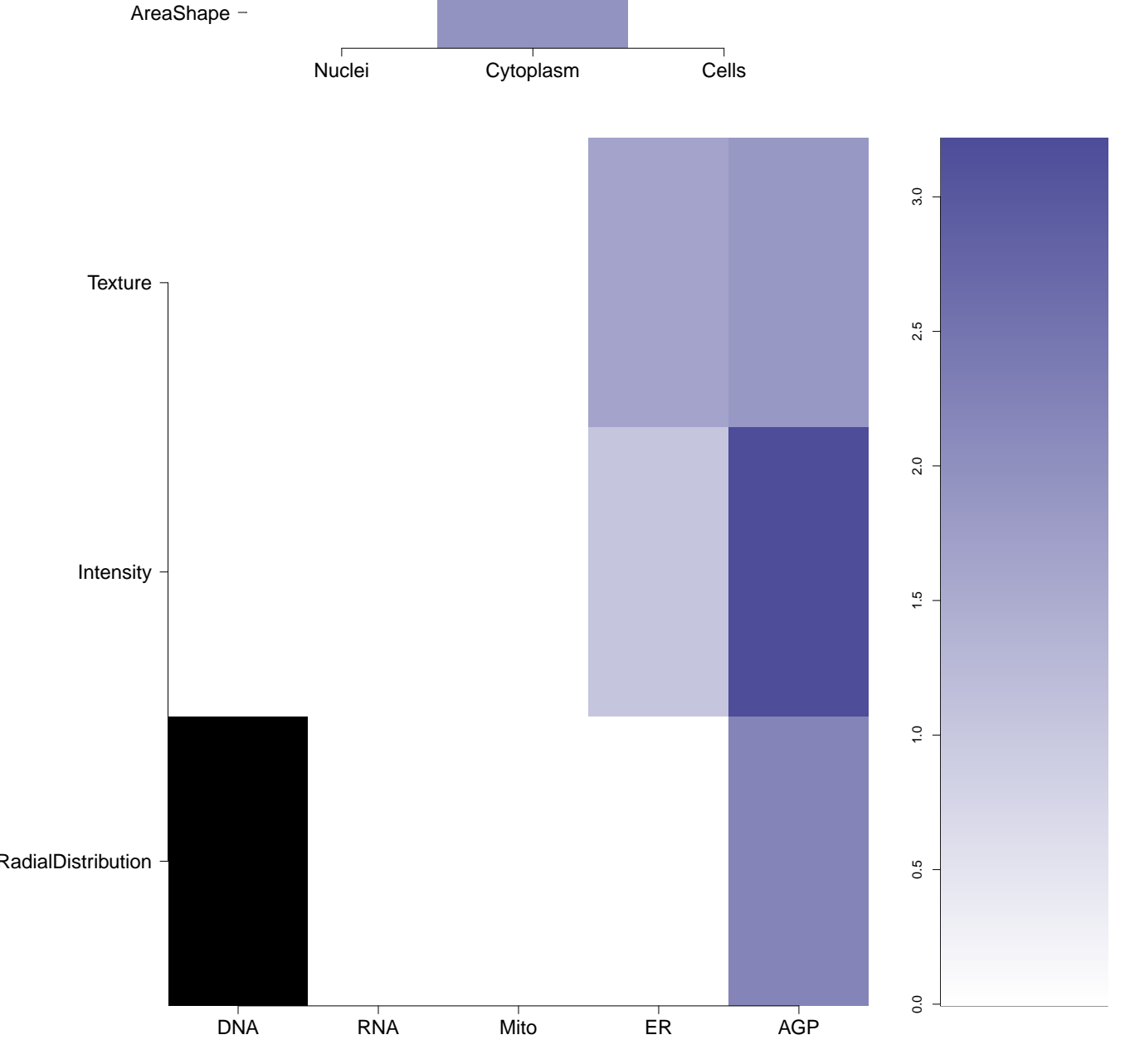

AGP



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-K24743998-001-01-4 PubChem CID : 54640606		0.64 (in 4 replicates)	0.45	0.262				Total number of assays tested in: 41. 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-K77658510-001-05-0 F0695-0261 MLS000529704 HMS2244N18 ZINC8670412 ZINC08670412 SMR000127213 PubChem CID : 9550275		0.57 (in 4 replicates)	0.44	NA				Total number of assays tested in: 702. Active in the following assays: <ul style="list-style-type: none"> Human H69AR Lung Tumor Cell Growth Inhibition Assay - 86K Screen (AID 598) Screening for Modulators of Post-Golgi Transport, Control Strain (AID 738) Modulators of Post-Golgi Transport (AID 739) CYP2C9 Assay (AID 777) Screen for Chemicals that Inhibit the RAM Network (AID 868) Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) High Content Assay for Compounds that inhibit the Assembly of the Perinuclear Compartment (AID 2417) Luminescence Cell-Based Primary HTS to Identify Inhibitors of Cancer Stem Cells (AID 2717) Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796) Luminescence-based cell-based high throughput confirmation assay for activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2845) Counterscreen for activators of the Aryl Hydrocarbon Receptor (AHR): luminescence-based cell-based high throughput screening assay to identify activators of the Pregnane X Receptor (PXR) (AID 434939) Anti-Malarial Hsp90 Inhibitors Measured in Microorganism System Using Plate Reader - 2121-01.Inhibitor.Dose.CherryPick.Activity.Set2 (AID 504621) Anti-Malarial Hsp90 Inhibitors Measured in Microorganism System Using Plate Reader - 2121-01.Inhibitor.Dose.CherryPick.Activity (AID 540268) hHsp90 Counterscreen Measured in Microorganism System Using Plate Reader - 2121-02.Inhibitor.Dose.CherryPick.Activity (AID 540270) Fluorescence-based cell-based primary high throughput screening assay to identify antagonists of the human trace amine associated receptor 1 (TAAR1) (AID 624466) Counterscreen for antagonists of the human trace amine associated receptor 1 (hTAAR1): Fluorescence-based cell-based high throughput screening assay to identify nonselective antagonists (AID 651780)
BRD-K23710619-001-06-2 ST083976 MLS000086011 SMR000021340 AC1O43ZE STK681876 PubChem CID : 6323835		NA (in 1 replicates)	0.42	NA				Total number of assays tested in: 800. Active in the following assays: <ul style="list-style-type: none"> Yeast eIF2B assay (AID 688) Profiling the NIH Molecular Libraries Small Molecule Repository: Autofluorescence at 339/460 nm (AID 709) qHTS Assay for Inhibitors of HSD17B4, hydroxysteroid (17-beta) dehydrogenase 4 (AID 893) Multiplex HTS Assay for Inhibitors of MEK Kinase PB1 Domains, specifically MEK5 MEK Kinase3 Wildtype (AID 1529) MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814) Cytochrome panel assay with activity outcomes (AID 1851) Luminescence Cell-Based Primary HTS to Identify Inhibitors of Heat Shock Factor 1 (HSF1), (AID 2098) Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) VP16 counterscreen qHTS for inhibitors of ROR gamma transcriptional activity (AID 2546) qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551) Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796) High-throughput multiplex microsphere screening for inhibitors of toxin protease, specifically Botulinum neurotoxin light chain F protease, MLPCN compound set (AID 588497) Luminescence-based cell-based primary high throughput screening assay to identify activators of the function of SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily 2 (SMARCA2, BRM) (AID 652017) Counterscreen for activators of the function of SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily 2 (SMARCA2, BRM): Luminescence-based cell-based high throughput screening assay to identify non-selective compounds using the VP16 reporter assay (AID 686939)
BRD-A26616161-001-05-4 SMR000042541 AC1LD6FA MLS000040598 MLS002583022 HMS2328G15 STL361042 ST50129822 PubChem CID : 661975		0.53 (in 4 replicates)	0.42	NA				Total number of assays tested in: 765. Active in the following assays: <ul style="list-style-type: none"> Luminescent assay for HTS discovery of chemical activators of placental alkaline phosphatase (AID 696) CYP2C9 Assay (AID 777) CYP2C19 Assay (AID 778) Leishmania major promastigote HTS (AID 1063) Primary cell-based screen for identification of compounds that inhibit the Choline Transporter (CHT) (AID 488975) Confirmatory screen for compounds that inhibit the Choline Transporter (CHT) (AID 493221) Primary qHTS for delayed death inhibitors of the malarial parasite plasmod, 48 hour incubation (AID 504832)
BRD-K49998974-001-05-4 AC1NT3BB MLS000700033 HMS2583K11 ZINC8684194 CCG-13239 SMR000228443 5839-29-2 PubChem CID : 5343920		NA (in 1 replicates)	-0.61	NA				Total number of assays tested in: 658. Active in the following assays: <ul style="list-style-type: none"> Screen for Chemicals that Inhibit the RAM Network (AID 868) qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) qHTS identification of small molecule inhibitors of the thioesterase domain of fatty acid synthase via a fluorescence intensity assay (AID 602261)

