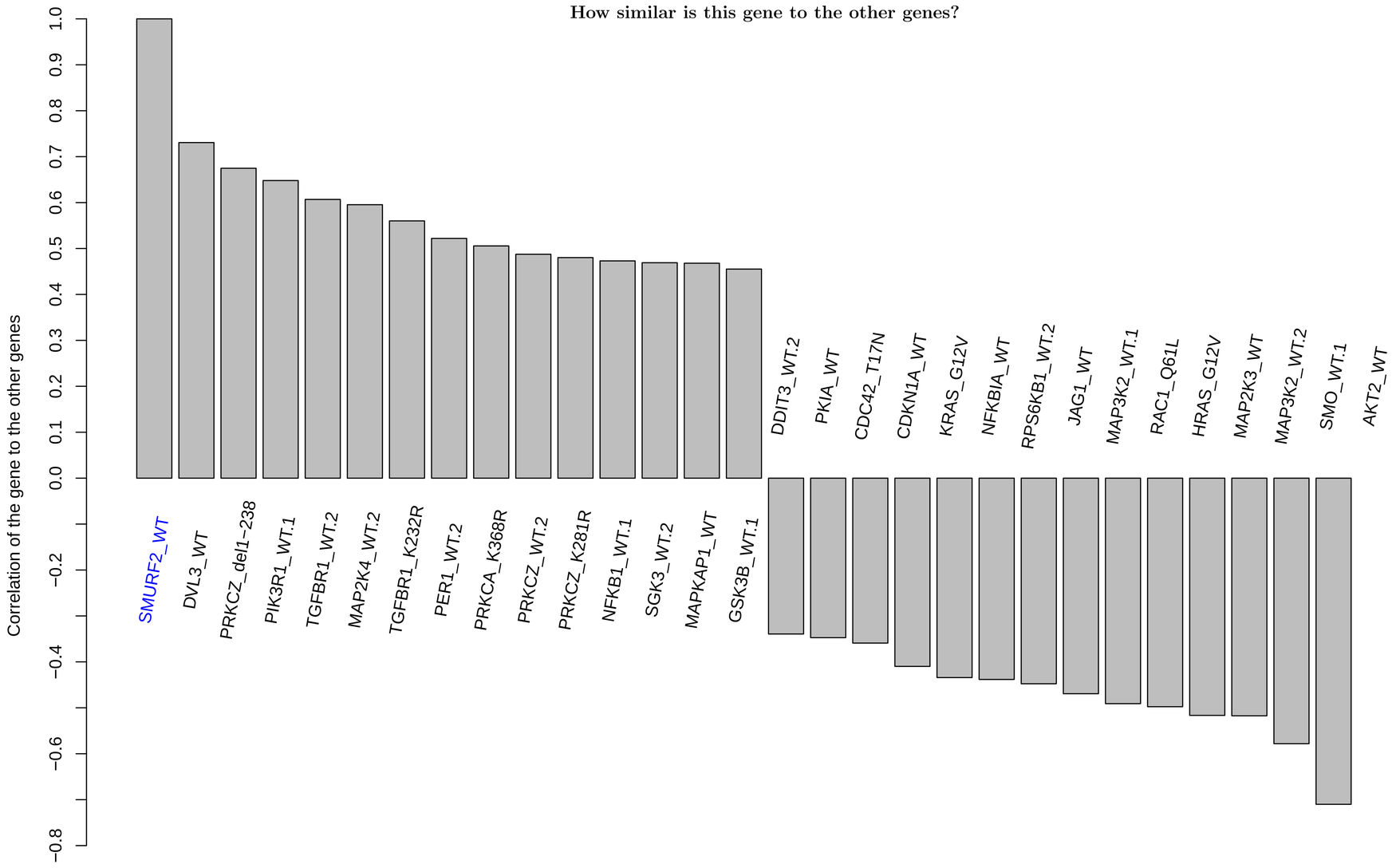
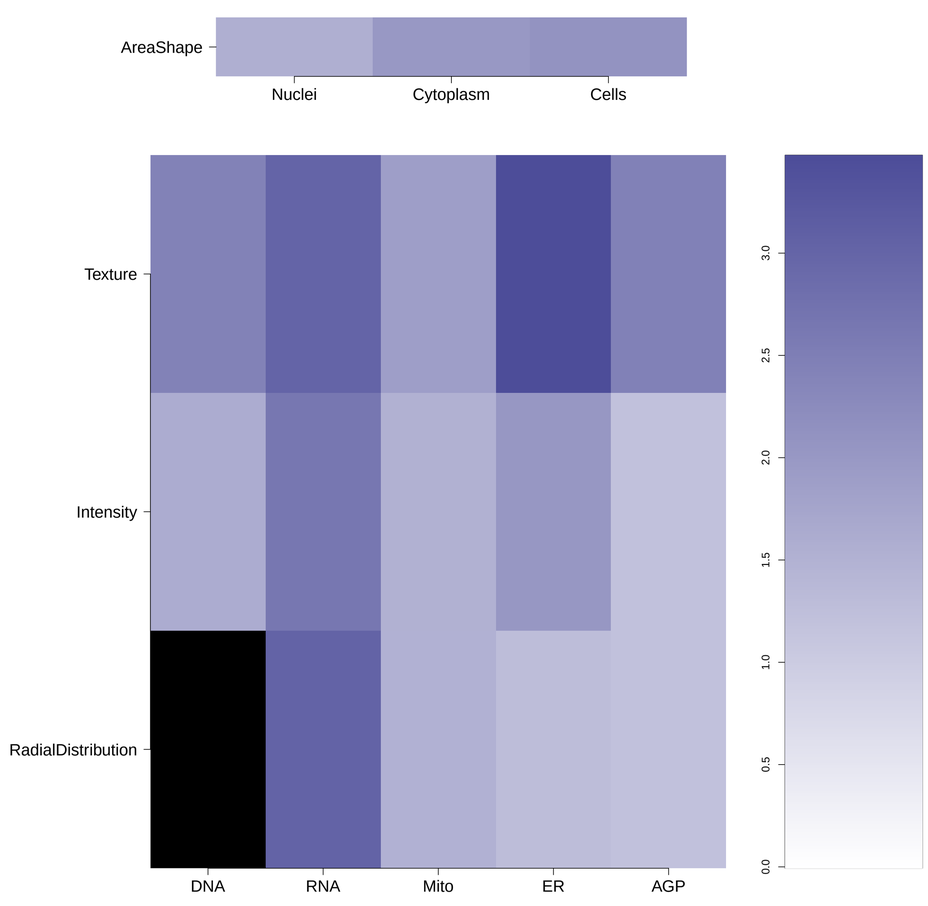
SMURF2_WT - in Canonical SMAD

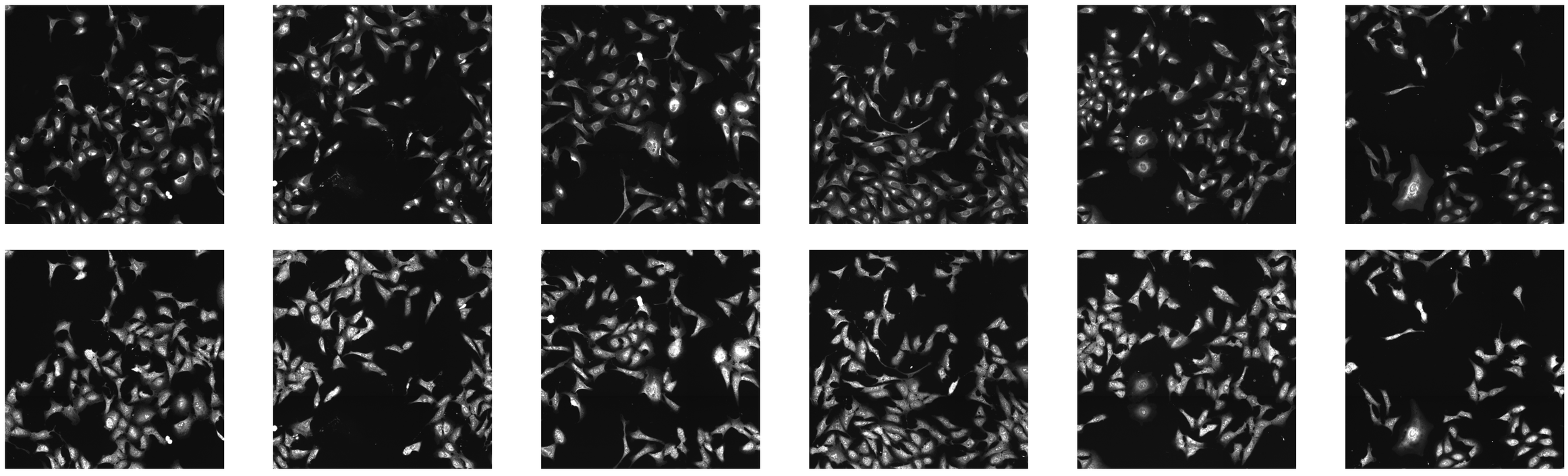
**How similar is this gene to the other genes?**



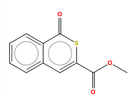
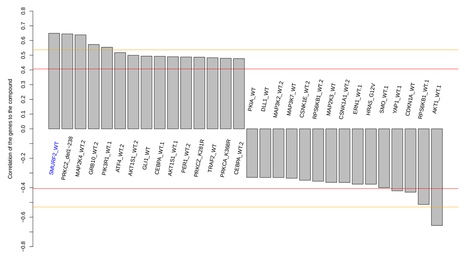
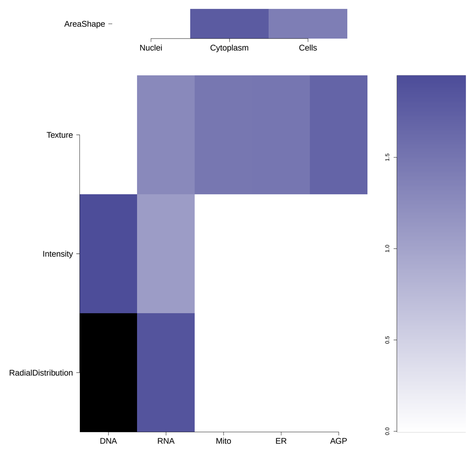
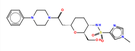
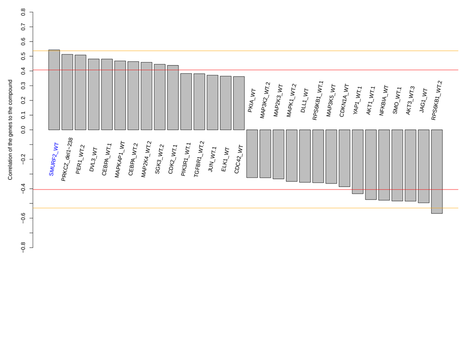
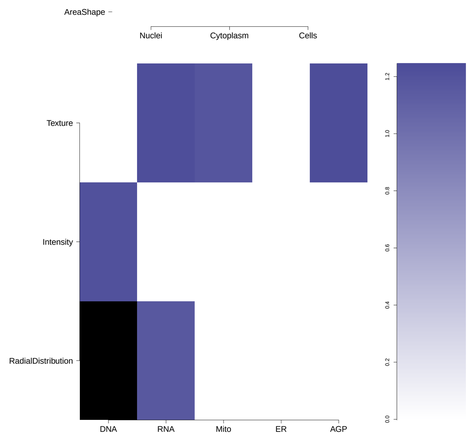
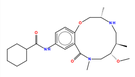
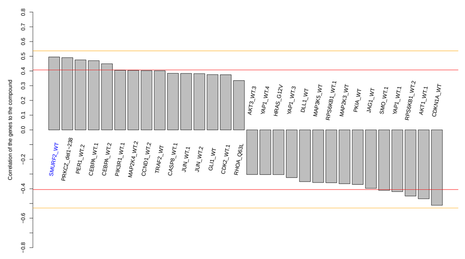
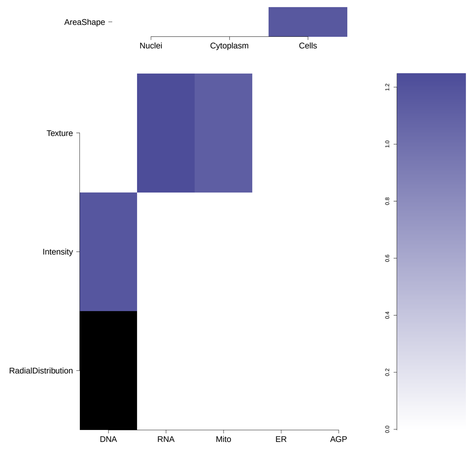
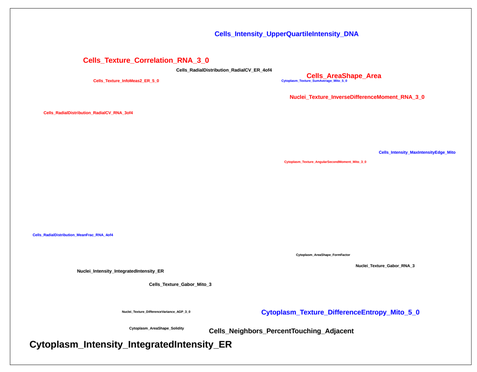
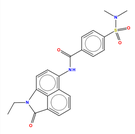
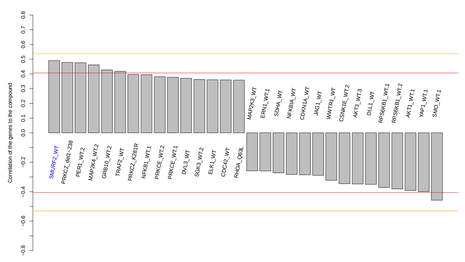
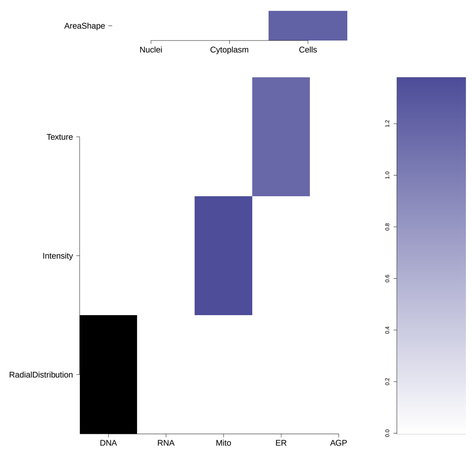
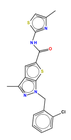
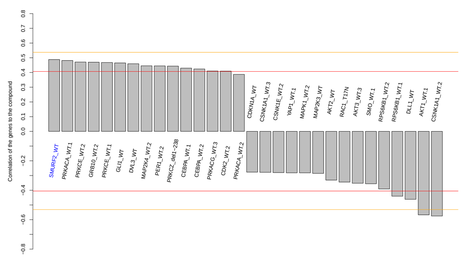
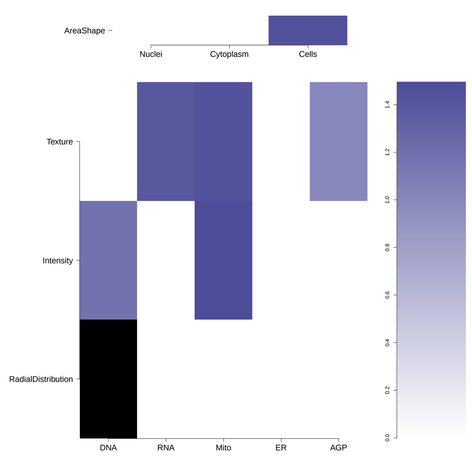
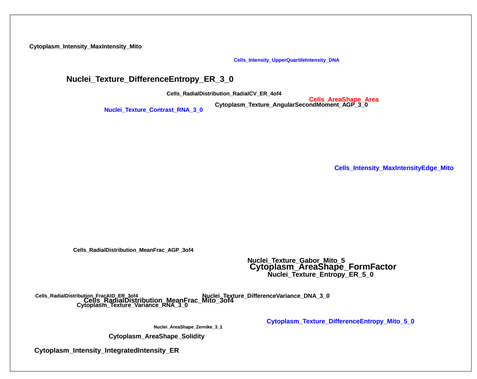

What groups of morphological features are distinguishing in the cluster relative to the untreated samples? (maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in the category

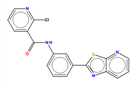
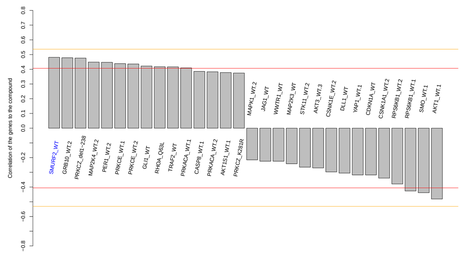
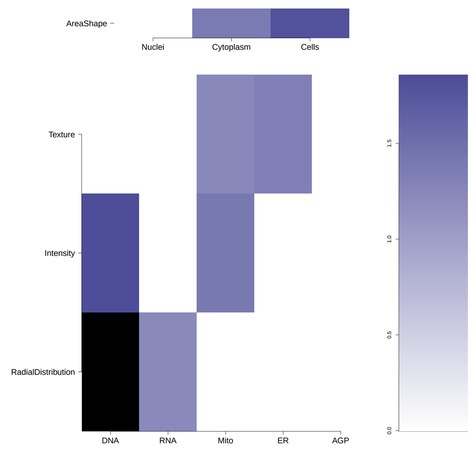
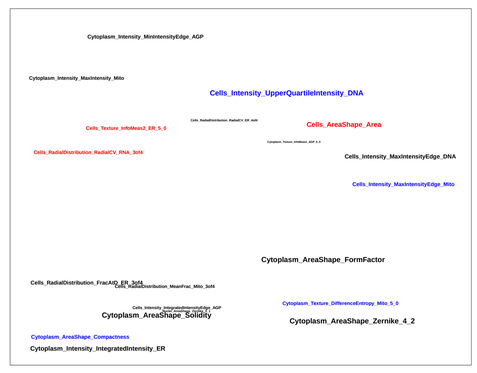
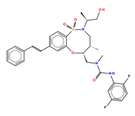
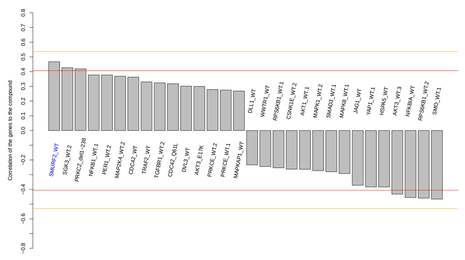
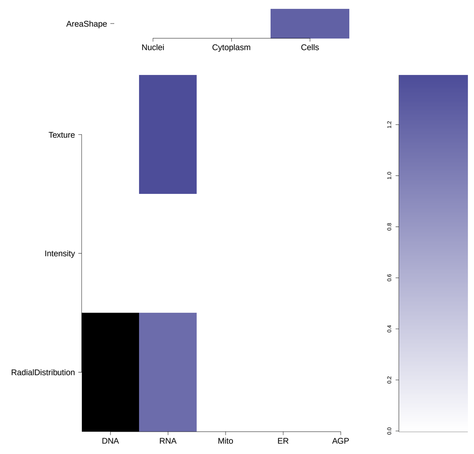
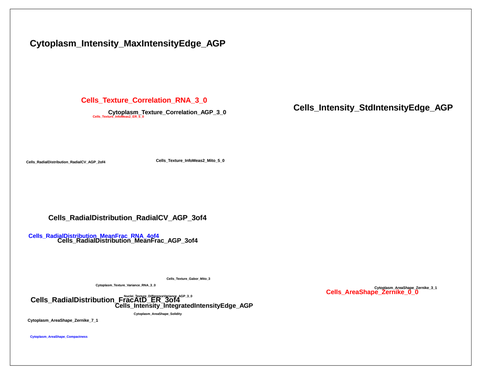
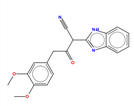
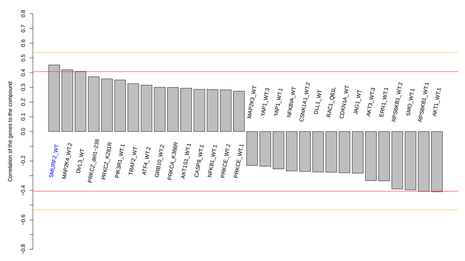
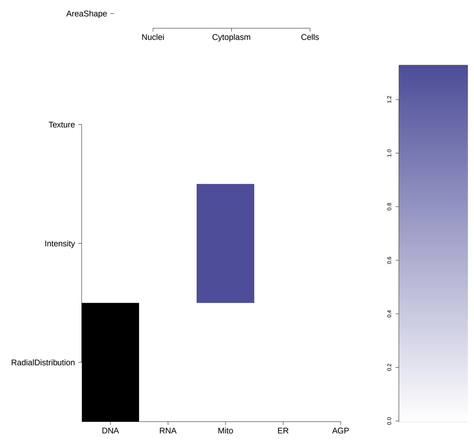
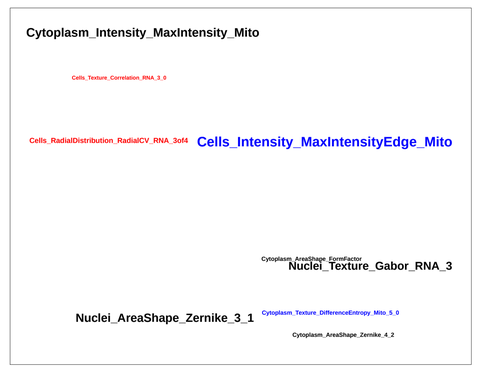



Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.

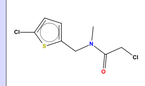




| Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster | Chemical structure | Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.52) | Correlation between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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BRD-K90062066-001-05-6<br>NSC403269<br>AC1Q5YXN<br>MLS000085563<br>AC1L831T<br>ZINC79326<br>HMS1428L12<br>HMS2163L14<br>HMS3314C21<br>CCG-25169<br>ZINC00079326<br>NSC-403269<br>IDI1 011289<br>SMR000020498<br>ST50075968<br>F1470-0040<br>PubChem CID : 345568 |  | 0.78 (in 3 replicates) | 0.65 | NA |  |  |  | Total number of assays tested in: 786. Active in the following assays:<br>• CYP2C19 Assay (AID 778)<br>• Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) |
| BRD-K14896981-001-01-1<br>PubChem CID : 54641286 |  | NA (in 1 replicates) | 0.54 | NA |  |  |  | Total number of assays tested in: 40. |
| BRD-K75037209-001-01-4<br>PubChem CID : 54632498 |  | 0.53 (in 4 replicates) | 0.49 | 0.948 |  |  |  | Total number of assays tested in: 35. |
| BRD-K12618745-001-05-9<br>MLS000109175<br>SMR000105121<br>ZINC01195979<br>AC1LQRIJ<br>MLS000910818<br>BDBM30975<br>HMS647O01<br>HMS2280N08<br>SMSF0009236<br>ZINC1195979<br>CB02426<br>F0012-0535<br>F0015-0926<br>PubChem CID : 1355631 |  | 0.52 (in 4 replicates) | 0.49 | NA |  |  |  | Total number of assays tested in: 795. Active in the following assays:<br>• VCAM-1 Imaging Assay in Pooled HUVECs: Inhibition of TNFa induced VCAM-1 cell surface expression (AID 456)<br>• Primary HTS assay for 5-Hydroxytryptamine (Serotonin) Receptor Subtype 1a (5HT1a) agonists (AID 567)<br>• qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030)<br>• Primary Cell-based High Throughput Screening Assay for Inhibitors of Wee1 Degradation (AID 1321)<br>• qHTS Assay for Enhancers of SMN2 Splice Variant Expression (AID 1458)<br>• High Throughput Screen of a Putative Kinase Compound Library to Identify Inhibitors of Mycobacterium tuberculosis H37Rv (AID 2842)<br>• uHTS identification of UBC13 Polyubiquitin Inhibitors via a TR-FRET Assay (AID 485273)<br>• uHTS for identification of Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 485346)<br>• Single concentration confirmation of uHTS for the identification of UBC13 Polyubiquitin Inhibitors via a TR-FRET Assay (AID 488859)<br>• Single concentration confirmation of inhibitors of Mdm2/MdmX interaction using a Full-Length Luciferase Counterscreen assay (AID 504607)<br>• Single concentration confirmation of inhibitors of Mdm2/MdmX interaction using a Brca1/Bard1 BiLC Counterscreen assay. (AID 504668)<br>• Primary qHTS for delayed death inhibitors of the malarial parasite plastid, 48 hour incubation (AID 504832)<br>• Counterscreen for inverse agonists of the liver receptor homolog-1 (LRH-1; NR5A2): Luminescence-based cell-based high throughput assay to identify nonselective inhibitors of the Steroidogenic acute regulatory protein (StAR) promoter or luminescence assay artifacts (AID 651611)<br>• Luminescence-based cell-based high throughput confirmation assay for inverse agonists of the liver receptor homolog-1 (LRH-1; NR5A2) (AID 651613)<br>• Counterscreen for inverse agonists of the liver receptor homolog-1 (LRH-1; NR5A2): Luminescence-based cell-based high throughput assay to identify inverse agonists of the Steroidogenic Factor 1 Nuclear Receptor (SF1; NR5A1) (AID 651614)<br>• Luminescence-based cell-based primary high throughput screening assay to identify activators of Transthyretin (TTR) transcription (AID 1117267) |
| BRD-K55853808-001-06-2<br>ZINC02620594<br>AC1M0S7C<br>MLS000389839<br>HMS2563B13<br>ZINC2620594<br>SMR000256113<br>T5260249<br>PubChem CID : 2082451 |  | NA (in 1 replicates) | 0.49 | NA |  |  |  | Total number of assays tested in: 649. Active in the following assays:<br>• Identification of Molecular Probes that Activate MRP-1 (AID 799)<br>• Leishmania major promastigote HTS (AID 1063)<br>• Primary cell-based high throughput assay for inhibitors of the Janus kinase 2 mutant JAK2V617F (AID 1446)<br>• qHTS Assay for Promiscuous and Specific Inhibitors of Cruzain (without detergent) (AID 1476)<br>• Confirmation cell-based high throughput screening assay for inhibitors of the Janus kinase 2 mutant JAK2V617F (AID 1521)<br>• Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)<br>• Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796)<br>• Activator for delta FosB/delta FosB homodimer Measured in Biochemical System Using Plate Reader - 2072-01_Activator_SinglePoint_HTS_Activity (AID 493131)<br>• uHTS fluorescent assay for identification of inhibitors of ATG4B (AID 504462)<br>• qHTS profiling assay for firefly luciferase inhibitor/activator using purifed enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342)<br>• Single concentration counterscreen of uHTS hits for ATG4B inhibitors in a Phospholipase A2 assay (AID 588402)<br>• A quantitative high throughput screen for small molecules that induce DNA re-replication in MCF 10a normal breast cells. (AID 624296)<br>• qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)<br>• TRFRET-based cell-based primary high throughput screening assay to identify inhibitors of cell surface Prion Protein (PRPC) (AID 720596) |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BRD-K71210192-001-07-7<br>ZINC04063050<br>AC1OEUW7<br>MLS000419367<br>HMS2743B14<br>SMR000320129<br>F0694-0211<br>PubChem CID : 7087637 |  | 0.67 (in 4 replicates) | 0.48 | NA |  |  |  | Total number of assays tested in: 570. Active in the following assays:<br>• Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)<br>• A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315)<br>• Luminescence Cell-Free Homogeneous Dose Retest to Confirm Inhibitors of GSK-3 alpha (AID 463203)<br>• Dyrk1 A HTS Measured in Biochemical System Using Plate Reader - 2124-01_Inhibitor_SinglePoint_HTS_Activity (AID 504441)<br>• Rtt109/Vps75 Measured in Biochemical System Using Plate Reader - 2106-01_Inhibitor_SinglePoint_HTS_Activity (AID 540336)<br>• qHTS profiling assay for firefly luciferase inhibitor/activator using purifed enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342)<br>• MLPCN Dyrk1A Kinase Measured in Biochemical System Using Plate Reader - 2124-01_Inhibitor_Dose_CherryPick_Activity (AID 588345) |
| BRD-K57075511-001-01-9<br>PubChem CID : 54619425 |  | 0.66 (in 4 replicates) | 0.47 | 0.087 |  |  |  | Total number of assays tested in: 21. |
| BRD-A20463452-001-05-5<br>SMR000105694<br>MLS000109755<br>AC1NSJ88<br>MLS002540323<br>HMS2277D19<br>ZINC5578862<br>STK094158<br>STL043492<br>ZINC05578862<br>BAS 01816577<br>6062-72-2<br>PubChem CID : 5310613 |  | 0.57 (in 4 replicates) | 0.45 | 0.024 |  |  |  | Total number of assays tested in: 772. Active in the following assays:<br>• Luminescent assay for HTS discovery of chemical activators of placental alkaline phosphatase (AID 696)<br>• CYP2C9 Assay (AID 777)<br>• qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551)<br>• Heat Shock Factor-1 (HSF-1) Measured in Cell-Based System Using Plate Reader - 2038-01_Activator_SinglePoint_HTS_Activity (AID 504408) |

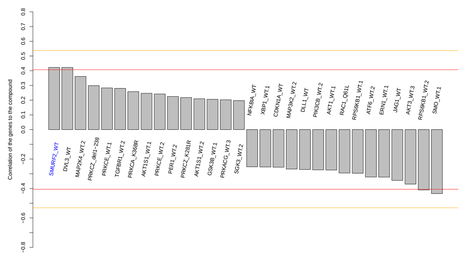
BRD-K18667904-001-07-3
ZINC03348993
AC1M7EJ3
AC1Q3XC9
MLS000772227
CTK6H4902
HMS2717A21
ZINC3348993
NE38398
SMR000344372
EN300-11826
T5320461
PubChem CID : 2465947

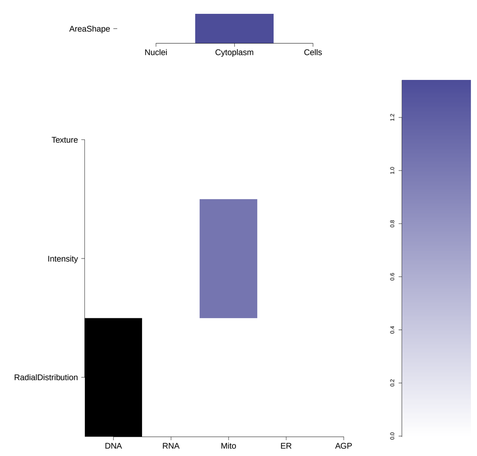


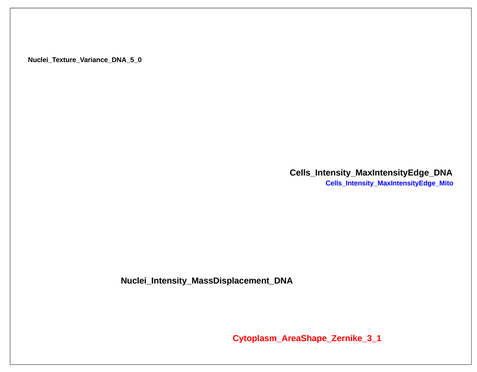
NA (in 1 replicates)

0.42

NA




Total number of assays tested in: 647. Active in the following assays:

- qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030)
- Leishmania major promastigote HTS (AID 1063)
- HCS to Identify Inhibitors of Dynein Mediated Cargo Transport on Microtubules. (AID 1381)
- uHTS luminescence assay for the identification of compounds that inhibit NOD1 (AID 1578)
- Luminescence Cell-Based/Microorganism Primary HTS to Identify Inhibitors of T.Cruzi Replication (AID 1885)
- Luminescence Cell-Based Dose Response HTS to Identify Compounds Cytotoxic to BJ-TERT RAS-Independent Fibroblast (AID 1933)
- Luminescence Cell-Based Dose Response HTS to Identify Compounds Cytotoxic to DRD Non-Viral Oncogenic Fibroblast (AID 1934)
- Fluorescence polarization-based counterscreen for RBBP9 inhibitors: primary biochemical high throughput screening assay to identify inhibitors of the oxidoreductase glutathione S-transferase omega 1(GSTO1). (AID 1974)
- Fluorescence polarization-based biochemical high throughput confirmation assay for inhibitors of the oxidoreductase glutathione S-transferase omega 1(GSTO1). (AID 2176)
- Fluorescence Cell-Free Homogenous Primary HTS to Identify Inhibitors of RecA Intein Splicing Activity (AID 2221)
- qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551)
- HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732)
- Fluorescence Cell-Free Homogeneous Counter Screen to Identify Inhibitors of GFP Chromophore Formation (AID 434968)
- Fluorescence Cell-Free Homogeneous Dose Retest to Identify Inhibitors of RecA-Intein Splicing Activity (AID 435010)
- A Cell Based Secondary Assay To Explore Cytotoxicity of Compounds that Inhibit Mycobacterium Tuberculosis (AID 435019)
- Fluorescence Cell-Free Homogeneous Secondary Screen to Identify Inhibitors of DnaB-Intein Splicing Activity (AID 449749)
- Fluorescence Cell-Free Homogeneous Secondary Screen to Identify Non-Covalent Inhibitors of RecA-Intein Splicing Activity (AID 449750)
- High Throughput Screening Assay used to Identify Novel Compounds that Inhibit Mycobacterium Tuberculosis in 7H9 Media (AID 449762)
- A High Throughput Confirmatory Assay used to Identify Novel Compounds that Inhibit Mycobacterium Tuberculosis in the absence of Glycerol (AID 449764)
- HCS to Identify Inhibitors of Dynein Mediated Cargo Transport on Microtubules: Confirmation Assay (AID 463116)
- Concentration-Response Confirmation Assays for HCS to Identify Inhibitors of Dynein Mediated Cargo Transport on Microtubules (AID 463136)
- uHTS for identification of Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 485346)
- qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxiredoxins (AID 485364)
- Single concentration confirmation of uHTS for Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 489028)
- Single concentration confirmation of inhibitors of Mdm2/MdmX interaction using a Full-Length Luciferase Counterscreen assay (AID 504607)
- Single concentration confirmation of inhibitors of Mdm2/MdmX interaction using a Brca1/Bard1 BiLC Counterscreen assay. (AID 504668)
- Primary qHTS for delayed death inhibitors of the malarial parasite plastid, 48 hour incubation (AID 504832)
- Primary qHTS for delayed death inhibitors of the malarial parasite plastid, 96 hour incubation (AID 504834)
- qHTS for Inhibitors of binding or entry into cells for Lassa Virus (AID 540256)
- 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_Dose_CherryPick_Activity (AID 540271)
- qHTS for Inhibitors of TGF-b (AID 588855)
- Mammalian cell toxicity counterscreen to identify toxic HSP40 inhibitor compounds in NIH3T3 cells Measured in Cell-Based System Using Plate Reader - 2120-03_Inhibitor_Dose_CherryPick_Activity_Set2 (AID 624265)
- uHTS identification of small molecule Triacylglycerol inhbitors in a fluoresence assay (AID 651582)
- qHTS for Inhibitors of ATXN expression (AID 651635)
- Cell-based secondary assay to test the inhibitory activity of small molecule on Plasmodium flaciparum (HB3 strain) survival in red blood cells Measured in Cell-Based System Using Plate Reader - 2120-06_Inhibitor_Dose_CherryPick_Activity (AID 652041)
- Cell-based secondary assay to test the inhibitory activity of small molecule on Plasmodium flaciparum (3D7 strain) survival in red blood cells Measured in Cell-Based System Using Plate Reader - 2120-05_Inhibitor_Dose_CherryPick_Activity (AID 652047)
- qHTS of TDP-43 Inhibitors (AID 652104)
- qHTS for induction of synthetic lethality in tumor cells producing 2HG: qHTS for the HT-1080-NT fibrosarcoma cell line (AID 686970)
- qHTS for induction of synthetic lethality in tumor cells producing 2HG: qHTS for the HT-1080-IDH1KD cell line (AID 686971)
- 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)
- qHTS for Inhibitors of Inflammasome Signaling: IL-1-beta AlphaLISA Primary Screen (AID 743279)
- High Throughput Screening for Foot and Mouth Disease Virus Antivirals (AID 1159524)

BRD-K93953657-001-05-8
SMR000211317
AC1LZHQW
MLS000587258
MLS002581111
HMS2600P16
ZINC2305308
STK183137
ZINC02305308
ST50854890
PubChem CID : 1923659



NA (in 1 replicates)

-0.58

NA



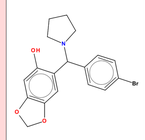
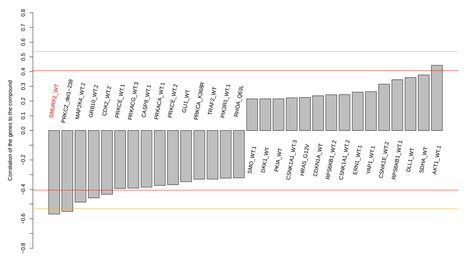
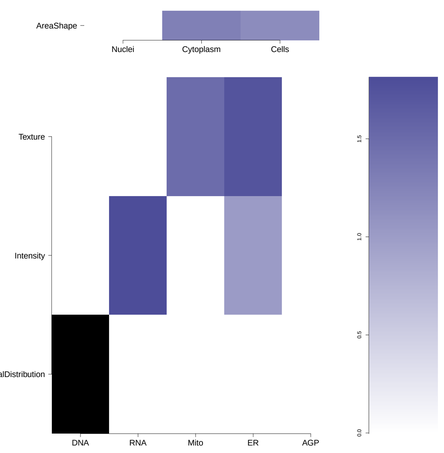
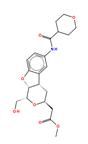
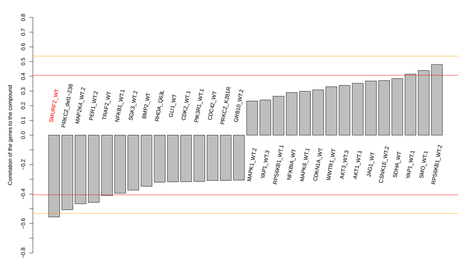
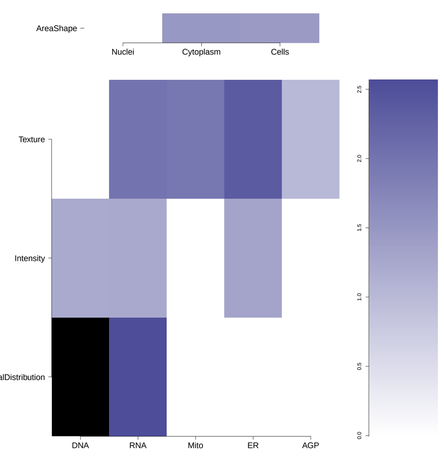
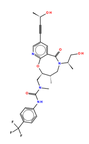
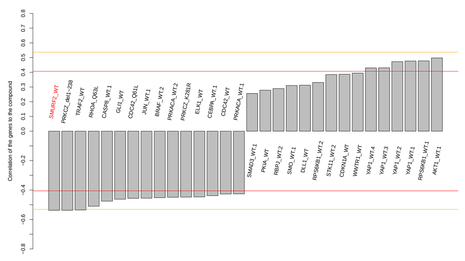
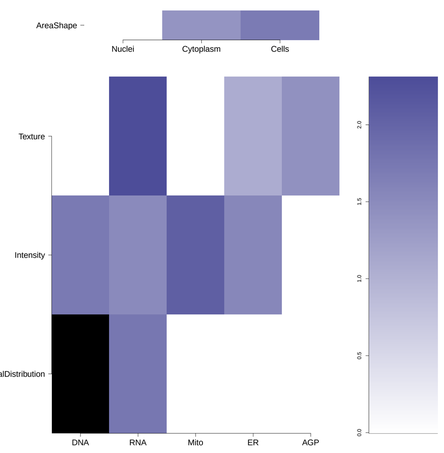
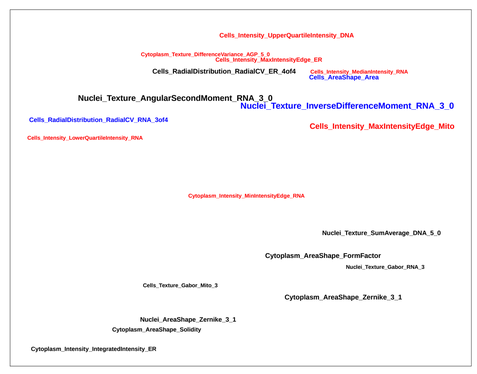
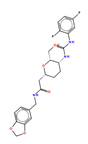
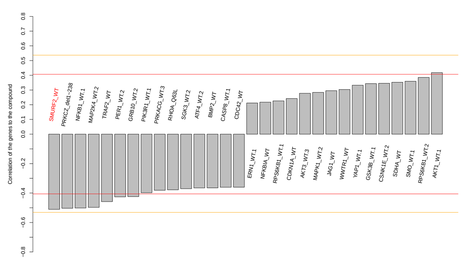
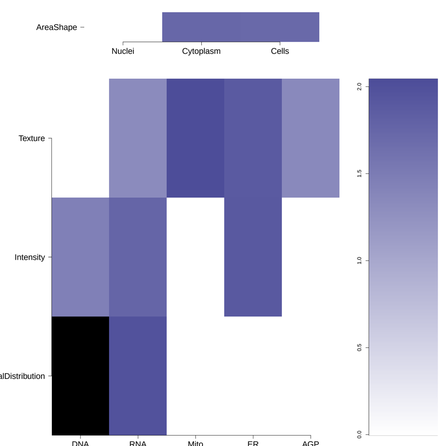
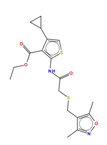
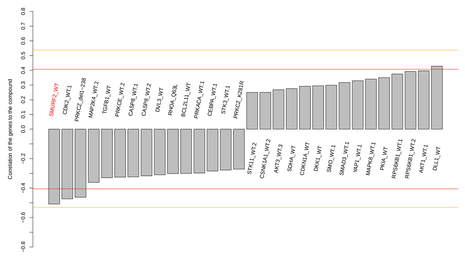
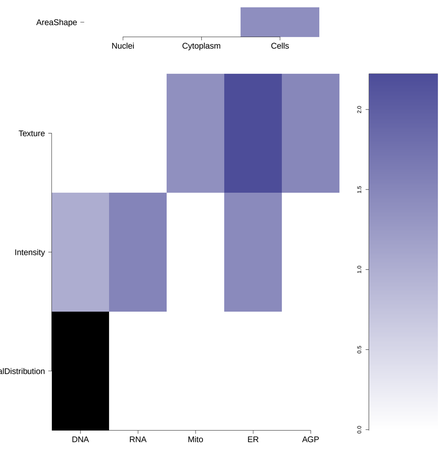
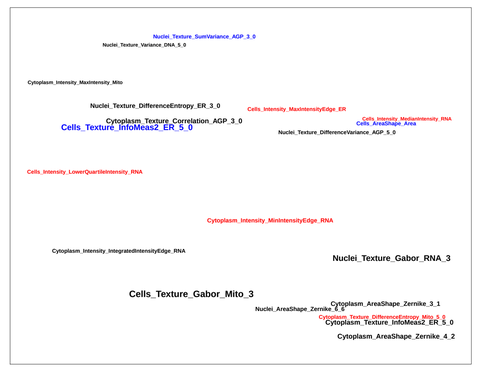


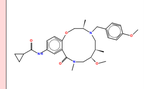
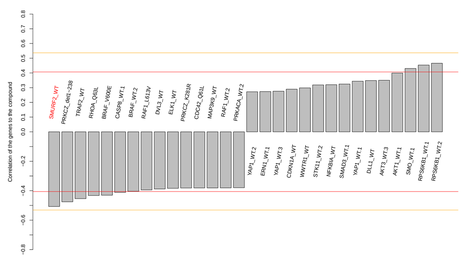
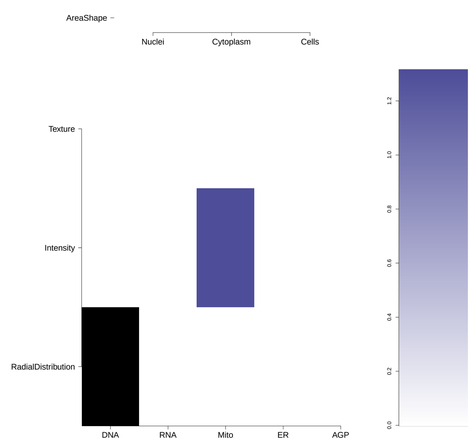
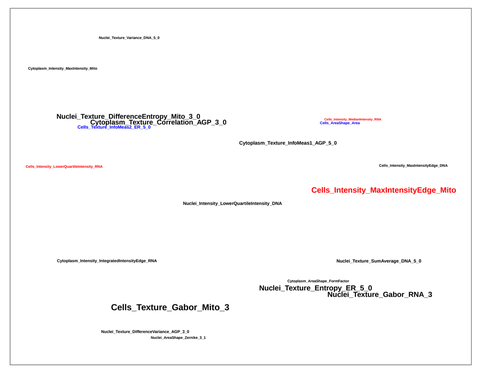
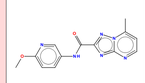
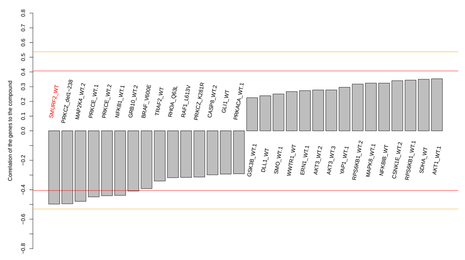
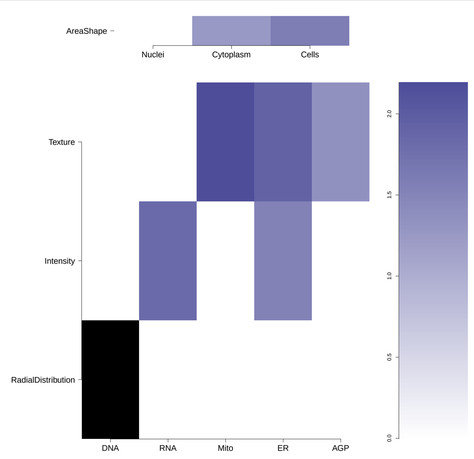
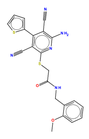
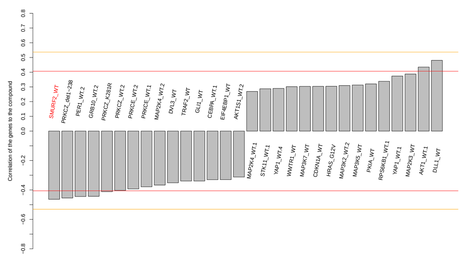
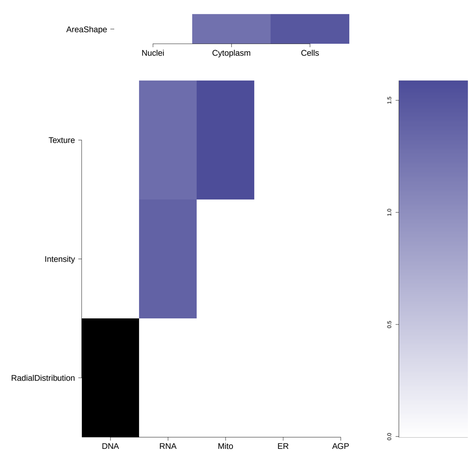
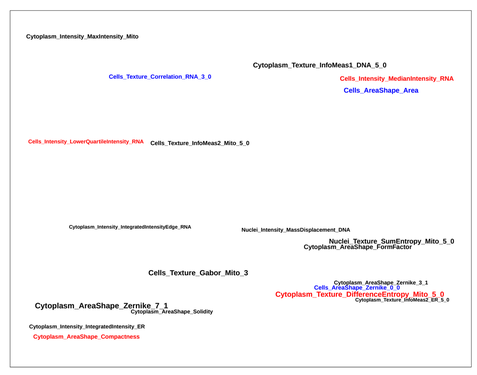





Total number of assays tested in: 638. Active in the following assays:

- A Cell Based Secondary Assay To Explore Cytotoxicity of Compounds that Inhibit Mycobacterium Tuberculosis (AID 435019)
- High Throughput Screening Assay used to Identify Novel Compounds that Inhibit Mycobacterium Tuberculosis in 7H9 Media (AID 449762)
- A High Throughput Confirmatory Assay used to Identify Novel Compounds that Inhibit Mycobacterium Tuberculosis in the absence of Glycerol (AID 449764)
- uHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190)
- qHTS Inhibitors of AmpC Beta-Lactamase (assay without detergent) (AID 485341)
- Antagonist of Human D 1 Dopamine Receptor: qHTS (AID 504652)
- qHTS Assay for Inhibitors of Hepatitis C Virus (HCV) (AID 651820)
- qHTS for Inhibitors of Inflammasome Signaling: IL-1-beta AlphaLISA Primary Screen (AID 743279)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BRD-A93259806-001-03-7<br>MLS000736356<br>SMR000338306<br>AC1MWF07<br>BDBM48860<br>HMS2626G16<br>STK647200<br>4T-0329<br>PubChem CID : 3723045 |  | NA (in 1 replicates) | -0.57 | NA |  |  |  | Total number of assays tested in: 550. Active in the following assays:<br>• uHTS for Small Molecule Inhibitors of Eukaryotic Translation Initiation (AID 782)<br>• uHTS of Mcl-1/Bid interaction inhibitors (AID 1021)<br>• uHTS of Mcl-1/Noxa interaction inhibitors (AID 1022)<br>• qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030)<br>• Leishmania major promastigote HTS (AID 1063)<br>• HTS identification of compounds inhibiting phosphomannose isomerase (PMI) via a fluorescence intensity assay using a high concentration of mannose 6-phosphate (AID 1220)<br>• qHTS for Inhibitors of Tau Fibril Formation, Thioflavin T Binding (AID 1460)<br>• qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490)<br>• Colorimetric Assay for Inhibitors for NALP1 (AID 2071)<br>• 384-well Z-Lyte format Hck-Nef inhibitor HTS run at the PMLSC (AID 463187)<br>• qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxiredoxins (AID 485364)<br>• qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332)<br>• qHTS Assay for Inhibitors of BAZ2B (AID 504333)<br>• qHTS Assay for Inhibitors of JMJD2A-Tudor Domain (AID 504339)<br>• Assay for Inhibitors of the beta-Arrestin-Adaptor Protein 2 Interaction That Mediate GPCR Degradation and Recycling (AID 504490)<br>• Inhibitors of the vitamin D receptor (VDR): qHTS (AID 504847)<br>• HTS for Inhibitors of HP1-beta Chromodomain Interactions with Methylated Histone Tails (AID 540317)<br>• qHTS Assay for Inhibitors of Mammalian Selenoprotein Thioredoxin Reductase 1 (TrxR1): qHTS (AID 588453)<br>• uHTS identification of cystic fibrosis induced NFkb Inhibitors in a fluoresence assay (AID 588850)<br>• qHTS for Inhibitors of TGF-b: Cytotox Counterscreen (AID 588856)<br>• qHTS for Inhibitors of the vitamin D receptor (VDR): Hit Validation in Primary Screen (AID 602199)<br>• qHTS for Inhibitors of the vitamin D receptor (VDR): Hit Validation using a Fluorescein Assay (AID 602200)<br>• qHTS for Inhibitors of WRN Helicase (AID 651768)<br>• qHTS for Inhibitors of phosphatidylinositol 5-phosphate 4-kinase (PI5P4K) (AID 652105)<br>• qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)<br>• qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979)<br>• qHTS for Inhibitors of PLK1-PDB (polo-like kinase 1 - polo-box domain): Primary Screen (AID 720504)<br>• qHTS for Inhibitors of Inflammasome Signaling: IL-1-beta AlphaLISA Primary Screen (AID 743279)<br>• Primary Screen Inhibitors of CD40 Signaling in BL2 Cells Measured in Cell-Based System Using Plate Reader - 7124-01_Inhibitor_SinglePoint_HTS_Activity (AID 1053188) |
| BRD-K28223745-001-01-9<br>PubChem CID : 54646012 |  | NA (in 1 replicates) | -0.56 | 0.850 |  |  |  | Total number of assays tested in: 40. |
| BRD-K54320646-001-01-0<br>PubChem CID : 54619886 |  | 0.68 (in 4 replicates) | -0.54 | NA |  |  |  | Total number of assays tested in: 31. |
| BRD-K73989661-001-01-9<br>PubChem CID : 54641369 |  | NA (in 1 replicates) | -0.51 | NA |  |  |  | Total number of assays tested in: 38. |
| BRD-K99019859-001-05-8<br>T5330691<br>SMR000067839<br>ZINC03456087<br>AC1M94XX<br>MLS000098873<br>MLS002634705<br>HMS2336P24<br>ZINC3456087<br>PubChem CID : 2576479 |  | NA (in 1 replicates) | -0.51 | NA |  |  |  | Total number of assays tested in: 779. Active in the following assays:<br>• Allosteric Modulators of D1 Receptors: Primary Screen (AID 641)<br>• CYP2C9 Assay (AID 777)<br>• CYP2C19 Assay (AID 778)<br>• Modulators of the EP2 prostaglandin E2 receptor - Primary Screening (AID 940)<br>• Leishmania major promastigote HTS (AID 1063)<br>• Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796) |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BRD-K02576169-001-01-7<br>PubChem CID : 54631440 |  | 0.71 (in 4 replicates) | -0.51 | 0.826 |  |  |  | Total number of assays tested in: 34. |
| BRD-K57634359-001-06-7<br>AC1NJPBS<br>SMR000154845<br>MLS000568923<br>HMS2305D13<br>ZINC5898597<br>ZINC05898597<br>T5621836<br>PubChem CID : 4875632 |  | NA (in 1 replicates) | -0.50 | NA |  |  |  | Total number of assays tested in: 680. Active in the following assays:<br>• MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814)<br>• Primary biochemical high throughput screening assay to identify inhibitors of BCL2-related protein, long isoform (BCLXL). (AID 2129)<br>• Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314)<br>• A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315)<br>• POS-1 FP counterscreen Measured in Biochemical System Using Plate Reader - 2024-02_Inhibitor_Dose_CherryPick_Activity_Set2 (AID 493130)<br>• MEX-5 Measured in Biochemical System Using Plate Reader - 2024-01_Inhibitor_Dose_CherryPick_Activity_3 (AID 493250) |
| BRD-K54419754-001-06-7<br>SMR000147487<br>MLS000555970<br>AC1LZ4CJ<br>BDBM43011<br>HMS2342A17<br>STK547180<br>ZINC20064565<br>PubChem CID : 1941298 |  | NA (in 1 replicates) | -0.46 | NA |  |  |  | Total number of assays tested in: 683. Active in the following assays:<br>• Primary biochemical High Throughput Screening assay for agonists of the steroid receptor coactivator 3 (SRC-3) recruitment by the peroxisome proliferator-activated receptor gamma (PPARgamma) (AID 731)<br>• qHTS Assay for Identifying the Cell-Membrane Permeable IMPase Inhibitors: Potentiation with Lithium (AID 1457)<br>• qHTS Assay for Inhibitors Targeting the Menin-MLL Interaction in MLL Related Leukemias: Competition With Texas Red Labeled MLL-derived Mutant Peptide (AID 1768)<br>• Activator for delta FosB/delta FosB homodimer Measured in Biochemical System Using Plate Reader - 2072-01_Activator_SinglePoint_HTS_Activity (AID 493131)<br>• qHTS for antagonists of the Thyroid Stimulation Hormone Receptor: Hit Validation in Primary Screen (AID 602292)<br>• Fluorescence polarization-based biochemical primary high throughput screening assay to identify inhibitors of ADP-ribosylation factor GTPase activating protein 1 (ARFGAP1) (AID 651572)<br>• Fluorescence polarization-based biochemical high throughput confirmation assay for inhibitors of ADP-ribosylation factor GTPase activating protein 1 (ARFGAP1) (AID 651608) |
| BRD-K55775078-001-02-9<br>MLS003129292<br>SMR001833738<br>PubChem CID : 44505608 |  | 0.60 (in 3 replicates) | -0.45 | 0.047 |  |  |  | Total number of assays tested in: 84. Active in the following assays:<br>• Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01_Inhibitor_SinglePoint_HTS_Activity (AID 624255) |