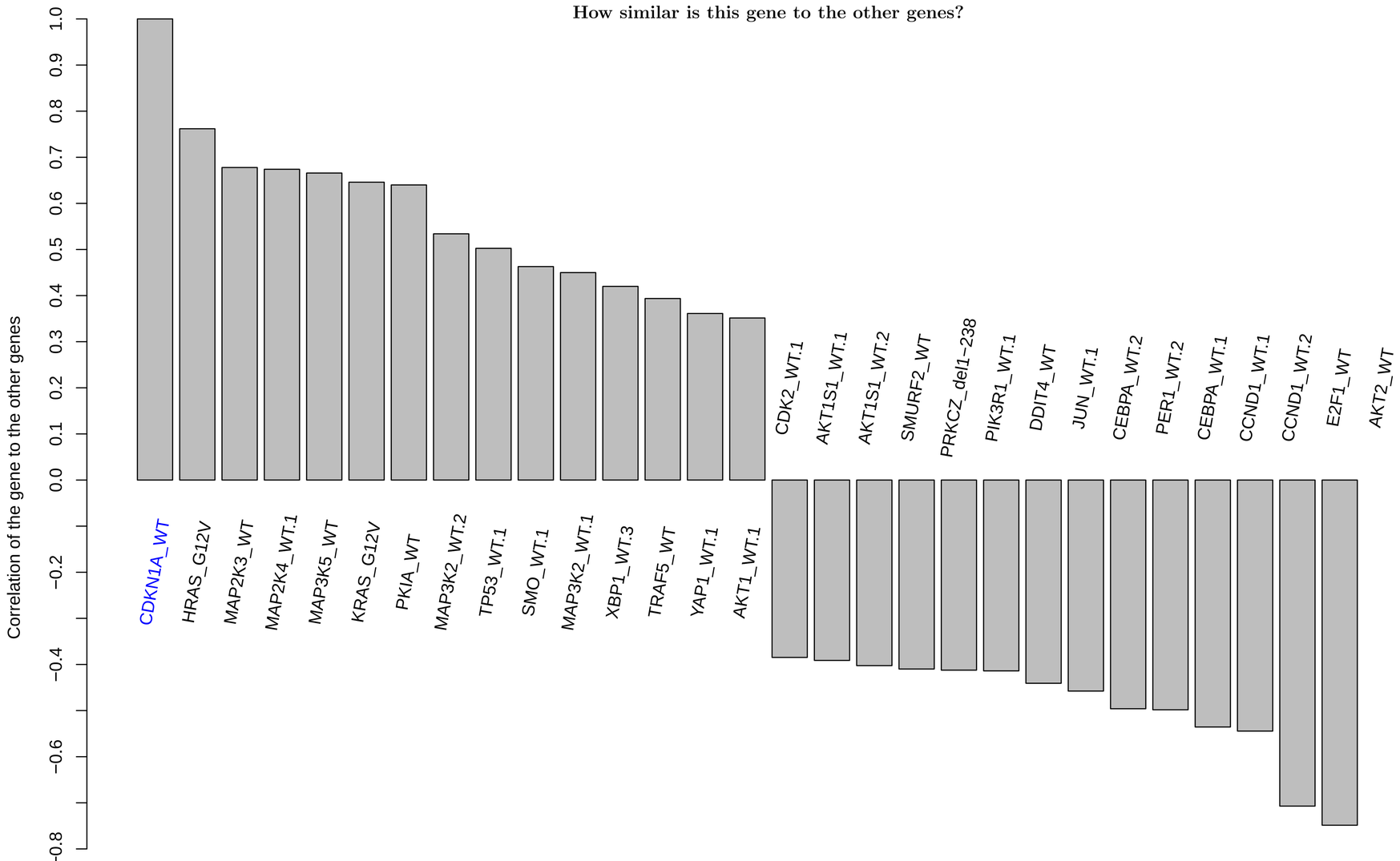
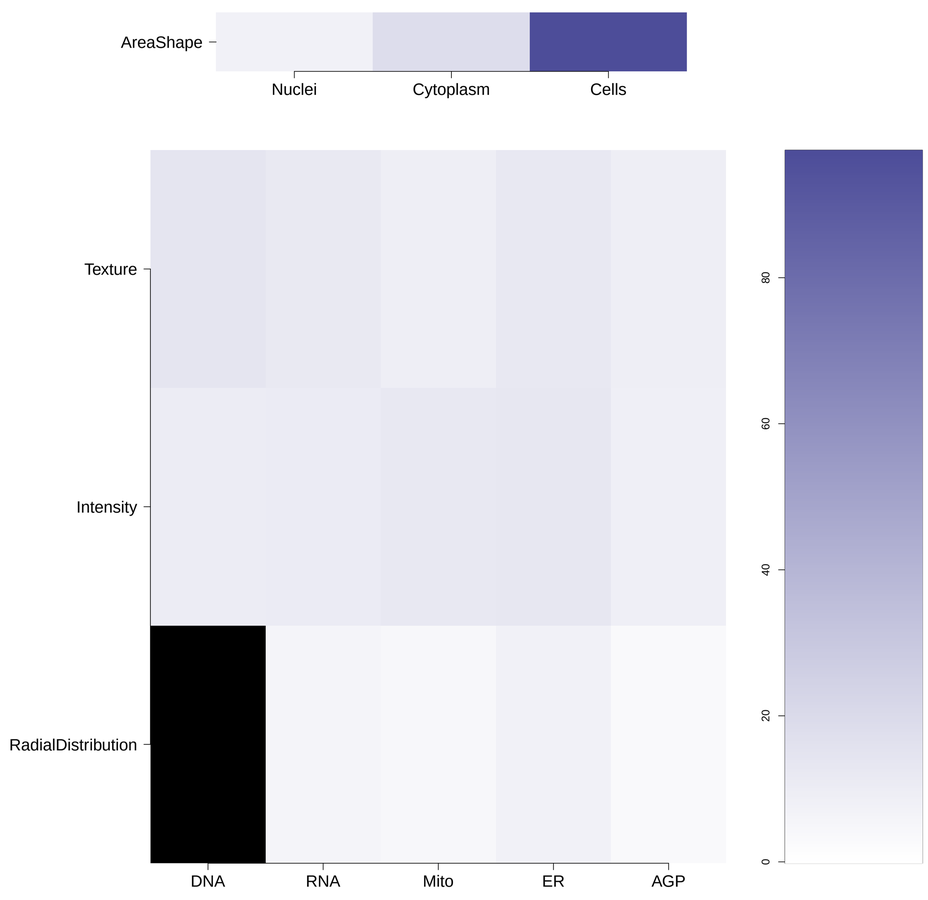
CDKN1A_WT - in Canonical Cell Cycle

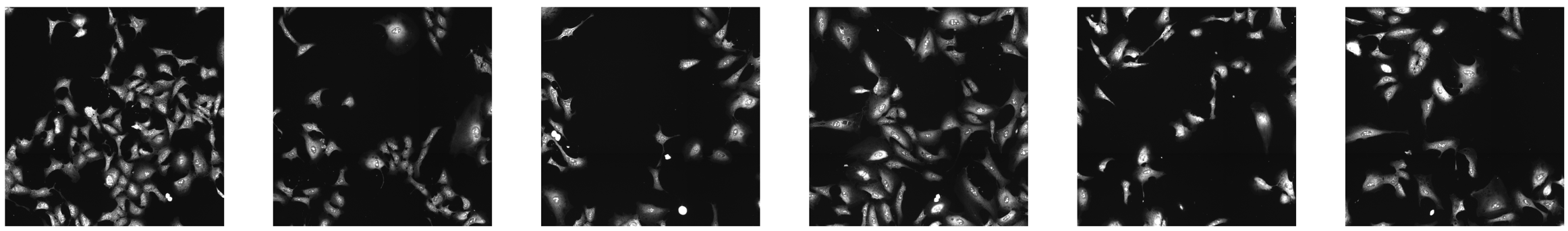
How similar is this gene to the other genes?



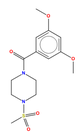
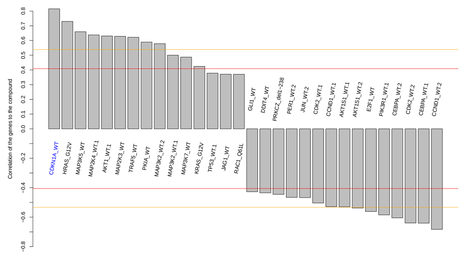
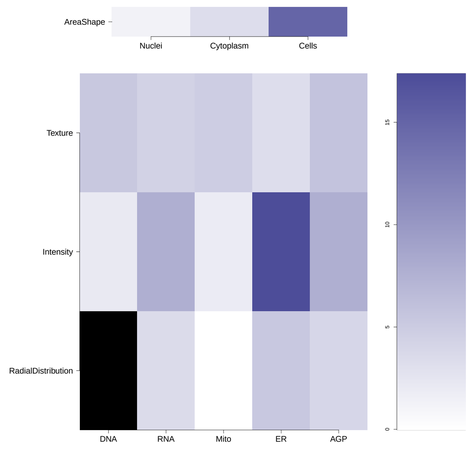
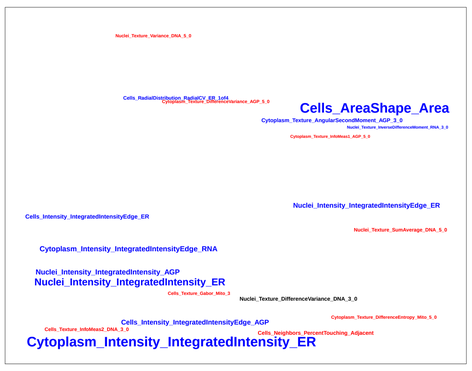
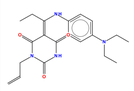
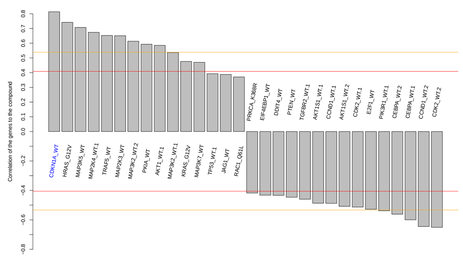
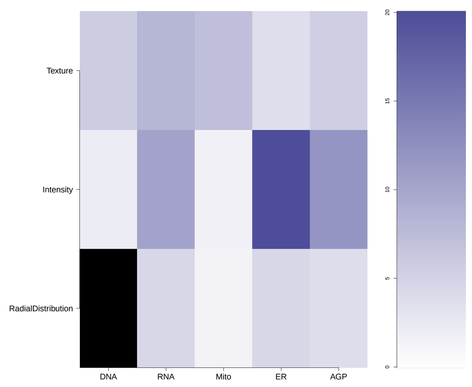
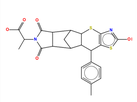
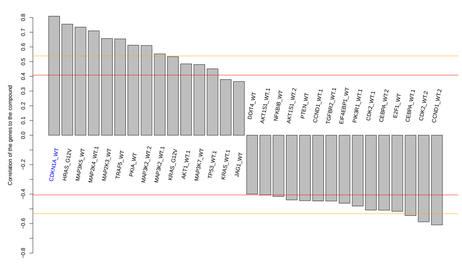
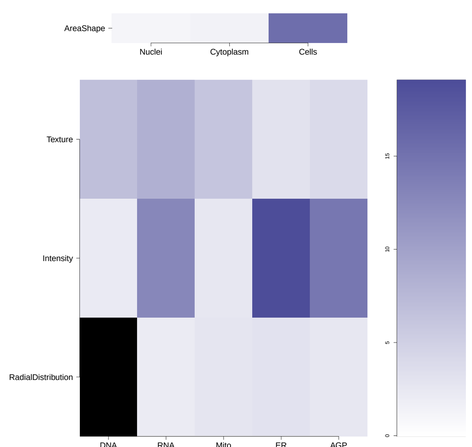
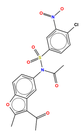
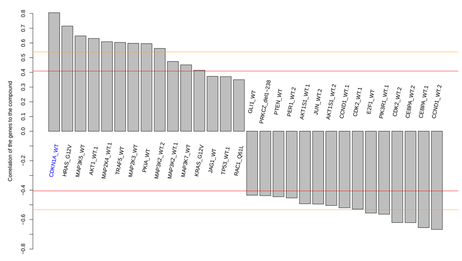
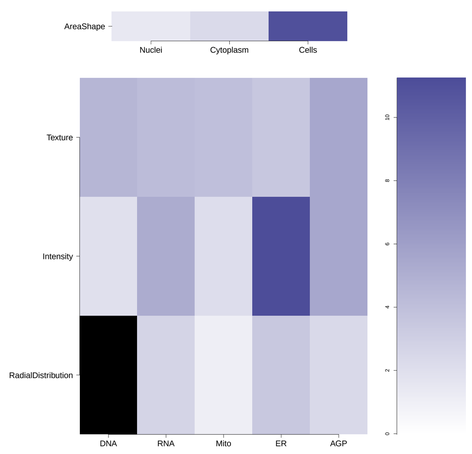
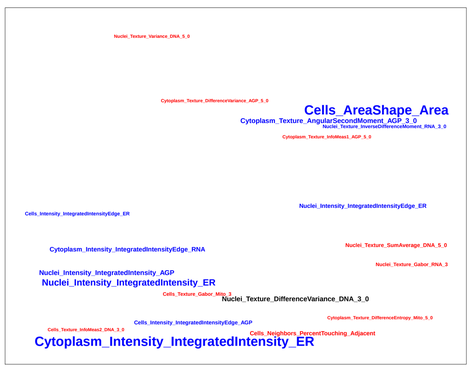
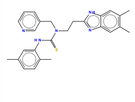
What groups of morphological features are distinguishing in the cluster relative to the untreated samples? (maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in the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

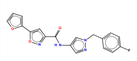
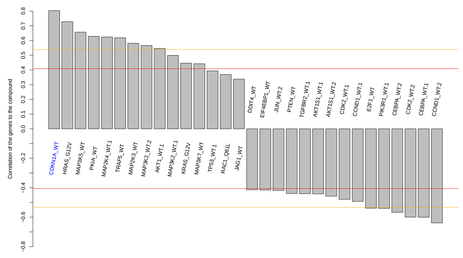
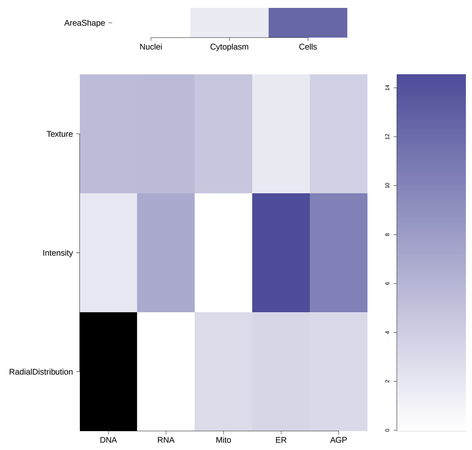
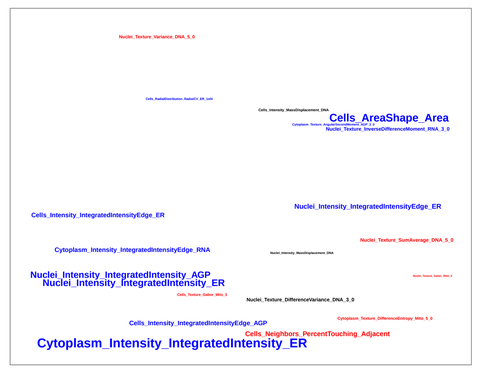
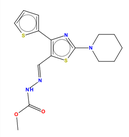
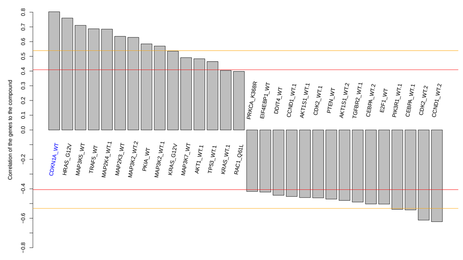
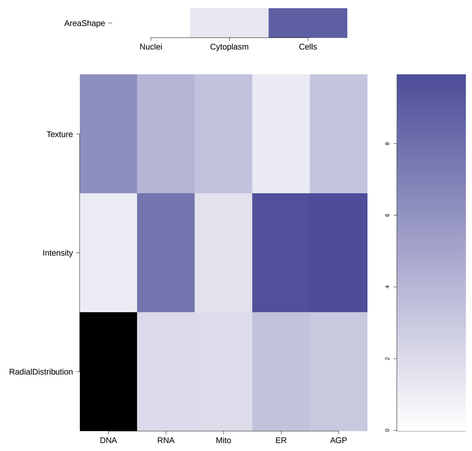
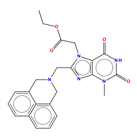
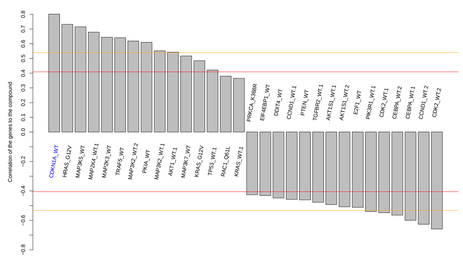
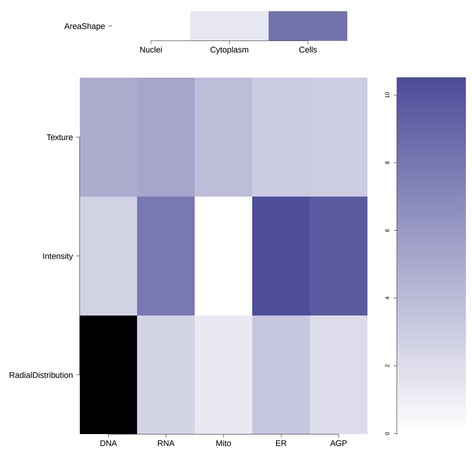
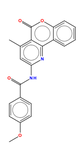
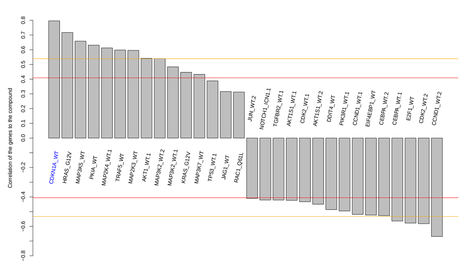
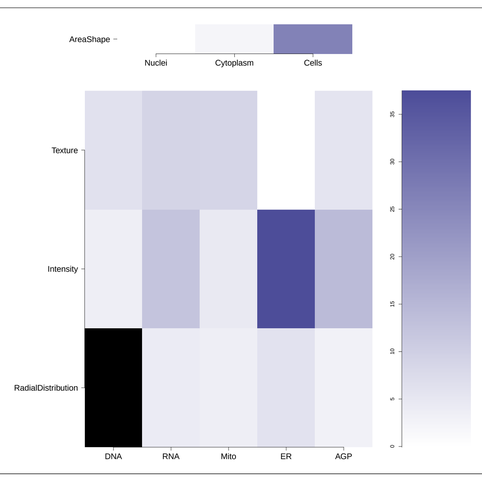
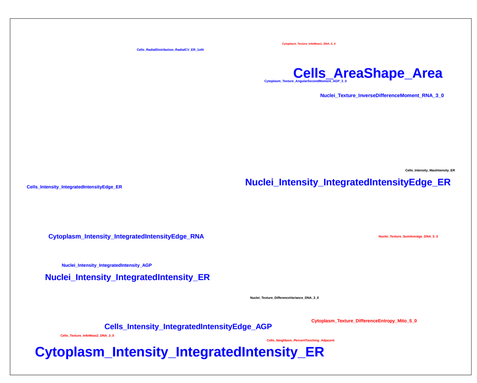
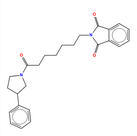
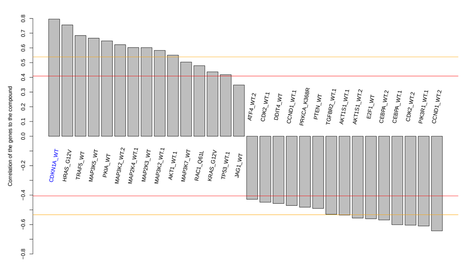
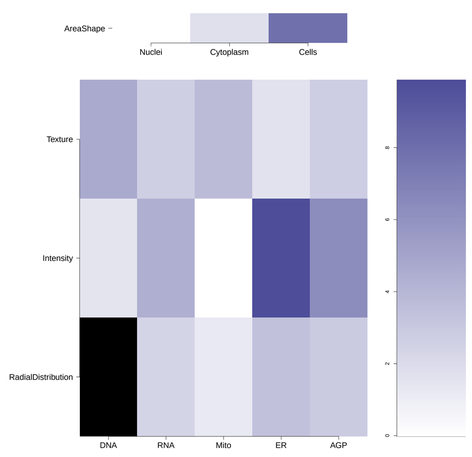
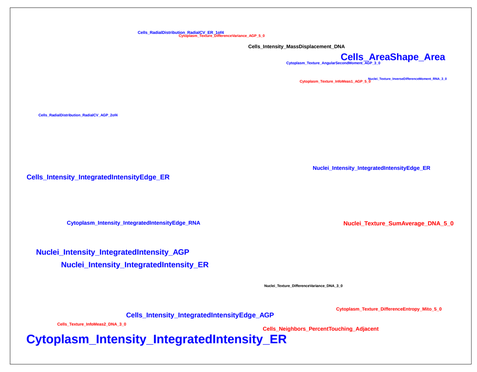


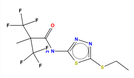
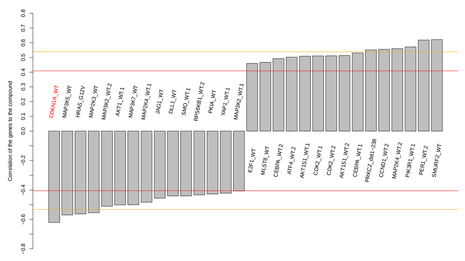
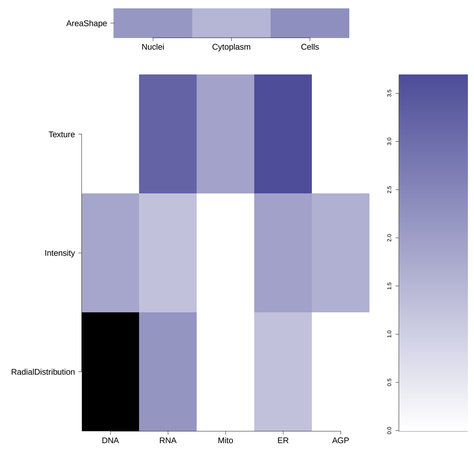
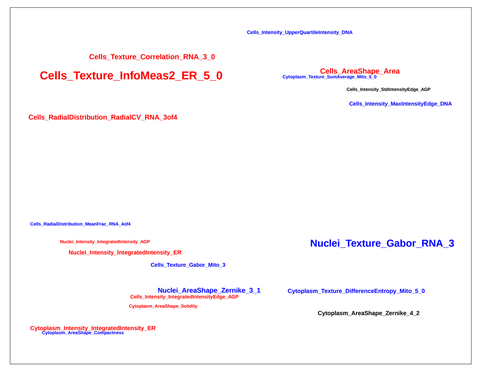
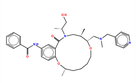
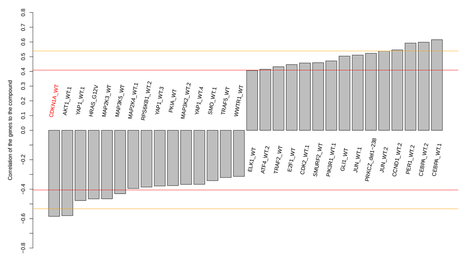
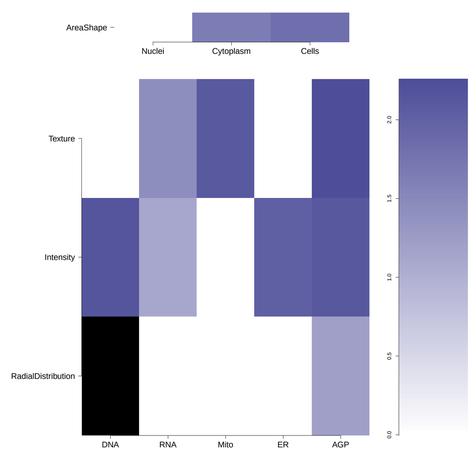
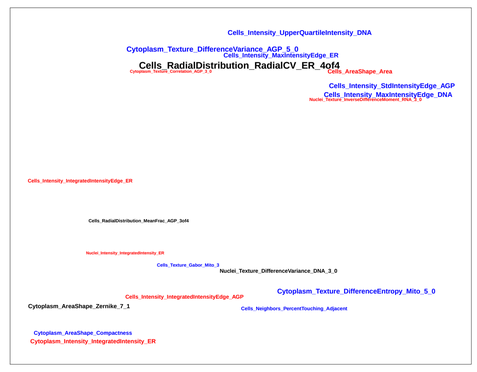
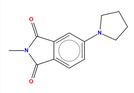
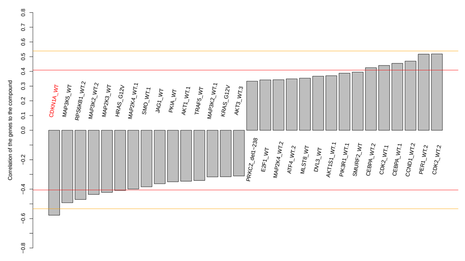
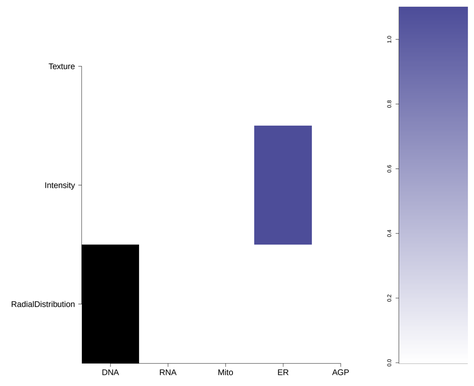
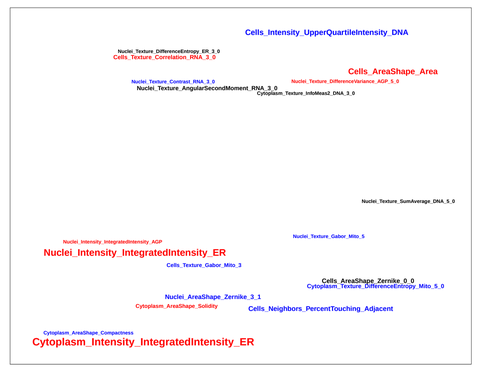
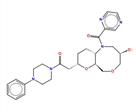
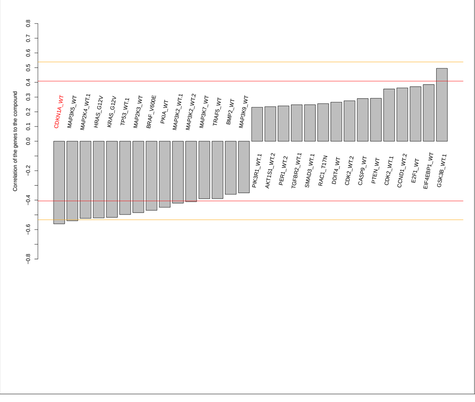
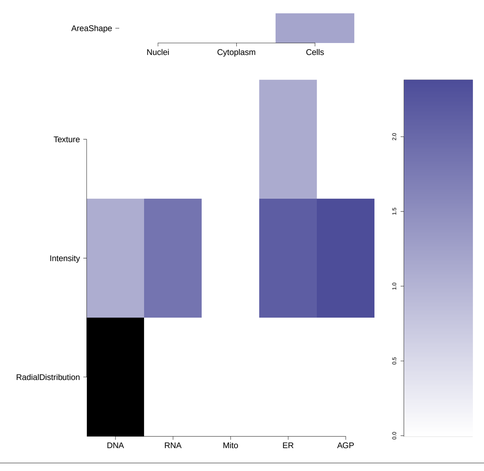
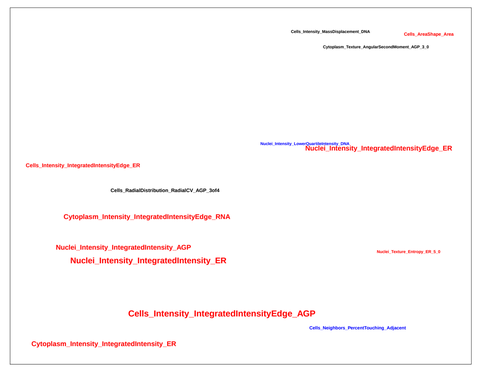
Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.

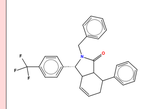
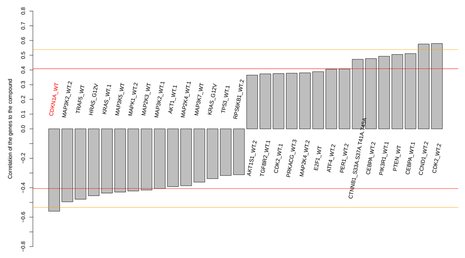
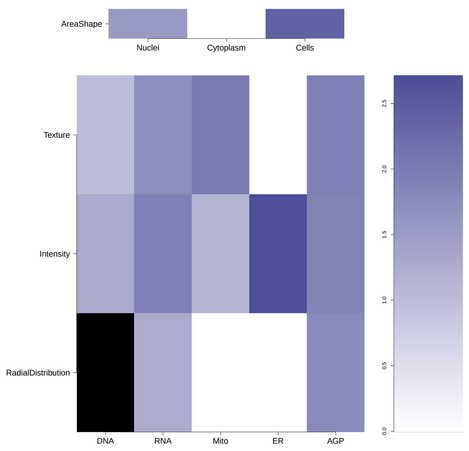
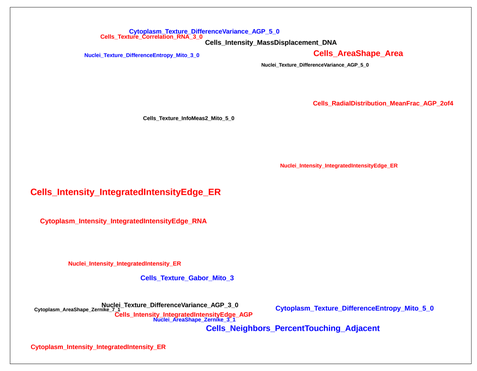
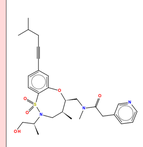
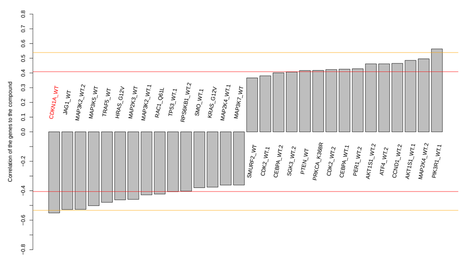
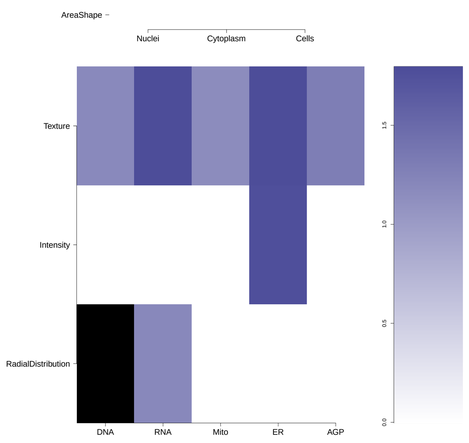
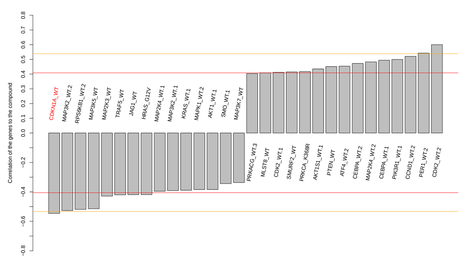
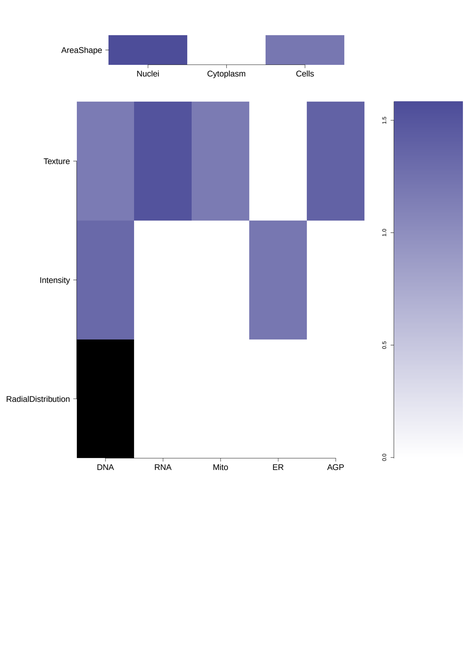


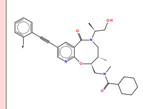
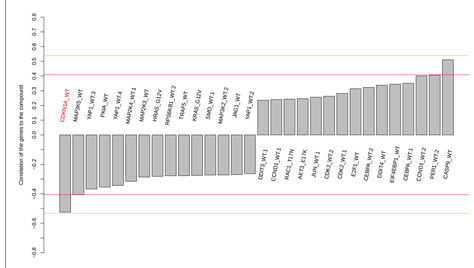
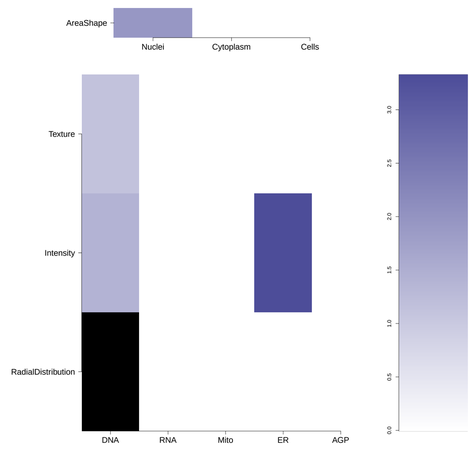
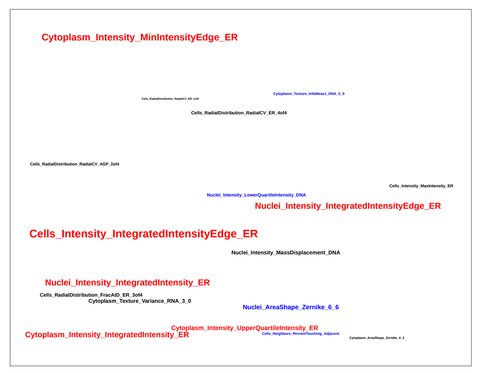
Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.52)	Correlation between compound 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-K45488606-001-06-4 MLS000099027 SMR000070441 BAS 03050091 AC1LESB5 MLS002540211 BDBM62775 HMS2347P22 ZINC115691 STK128794 ZINC00115691 ST45171832 ST50269282 PubChem CID : 717224		0.92 (in 3 replicates)	0.82	NA				Total number of assays tested in: 787. Active in the following assays: • Luminescence Cell-Based Primary HTS to Identify Inhibitors of Heat Shock Factor 1 (HSF1). (AID 2098) • Fluorescence-based cell-based primary high throughput screening assay to identify positive allosteric modulators (PAMs) of the human cholinergic receptor, muscarinic 5 (CHRM5) (AID 624038) • Fluorescence-based cell-based primary high throughput screening assay to identify positive allosteric modulators (PAMs) of the human cholinergic receptor, muscarinic 4 (CHRM4) (AID 624126)
BRD-K90238417-001-07-4 SMR000043477 MLS000083198 STK592720 AC1NTW47 MLS002584074 BDBM67730 HMS2424N11 ZINC9111495 ZINC09111495 PubChem CID : 5389598		0.91 (in 4 replicates)	0.81	0.136				Total number of assays tested in: 775. Active in the following assays: • MLPCN Streptokinase Expression Inhibition (AID 1662) • QFRET-based primary biochemical high throughput screening assay to identify inhibitors of the Plasmodium falciparum M18 Aspartyl Aminopeptidase (PFM18AAP). (AID 1822) • Luminescence Microorganism-Based Dose Confirmation HTS to Identify Compounds Cytotoxic to SK(-)GAS Group A Streptococcus (AID 1900) • Luminescence Microorganism-Based Dose Confirmation HTS to Identify Inhibitors of Streptokinase Promotor Activity (AID 1902) • Luminescence Microorganism-Based Dose Response HTS to Identify Compounds Cytotoxic to Streptococcus (AID 1915) • Fluorescence Cell-Free Homogenous Primary HTS to Identify Inhibitors of the Ras-converting Enzyme (AID 2563) • HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732) • CHOP dose-response primary assay (AID 504322) • CHOP Confirmatory Screen (AID 504437) • qHTS for Inhibitors of binding or entry into cells for Lassa Virus (AID 540256) • uHTS identification of small molecule inhibitors of the mitochondrial permeability transition pore via an absorbance assay (AID 602449) • Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483) • Single concentration confirmation of uHTS inhibitor hits of the mitochondrial permeability transition pore via a fluorescent based assay (AID 624504) • 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-A81850691-001-05-0 F1734-0091 AC1NJT6B MLS000697333 HMS2580B04 SMR000238009 ST50110788 PubChem CID : 4902407		0.95 (in 4 replicates)	0.81	NA				Total number of assays tested in: 639. Active in the following assays: • Fluorescence Cell-Free Homogeneous Primary HTS to Identify Inhibitors of the RanGTP-Importin-beta complex (AID 2216) • High Content Assay for Compounds that inhibit the Assembly of the Perinucleolar Compartment (AID 2417) • Primary biochemical fluorescence polarization-based high throughput screening assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 652257)
BRD-K84479162-001-06-1 F0808-2337 SMR000187031 MLS000570966 AC1MF6P6 MLS002540022 HMS652F10 HMS2300H05 ZINC8687267 ZINC08687267 PubChem CID : 2866858		0.92 (in 3 replicates)	0.81	NA				Total number of assays tested in: 673. Active in the following assays: • Primary HTS assay for chemical inhibitors of TNF alpha stimulated VCAM1 expression (AID 802) • qHTS Multiplex Assay to Identify Dual Action Probes in a Cell Model of Huntington: Aggregate Formation (GFP) (AID 1688) • MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - inhibitors (AID 1813) • Luminescence Cell-Based Dose Confimation HTS to Identify Inhibitors of of 5'UTR Stem-Loop Driven Alpha-Synuclein mRNA Translation in H4 Neuroglioblastoma Cells (AID 1988) • Luminescence Cell-Based Dose Response HTS to Identify Inhibitors of Luciferase Translation or Activity in H4 Neuroglioblastoma Cells (AID 1990) • Luminescence Cell-Based Dose Response HTS to Identify Inhibitors of 5'UTR Stem-Loop Driven Prion Protein mRNA Translation in H4 Neuroglioblastoma Cells (AID 1994) • 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) • MITF Measured in Cell-Based System Using Plate Reader - 2084-01_Inhibitor_SinglePoint_HTS_Activity (AID 488899) • 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) • HTS Assay for Peg3 Promoter Inhibitors (AID 588405) • A quantitative high throughput screen for small molecules that induce DNA re-replication in MCF 10a normal breast cells. (AID 624296) • uHTS identification of HIF-2a Inhibitors in a luminesence assay (AID 624352) • Single concentration confirmation of HIF-2a Inhibitors in a HIF-1a counterscreen in human MiAPaCa-2 Cells luciferase reporter assay (AID 651589) • qHTS for Inhibitors of ATXN expression (AID 651635) • 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 Inflammasome Signaling: IL-1-beta AlphaLISA Primary Screen (AID 743279) • High Throughput Screening for Foot and Mouth Disease Virus Antivirals (AID 1159524)
BRD-K02020774-001-06-2 SMR000173527 AC1LRX2D MLS000556770 HMS2485G22 ZINC1360804 ZINC01360804 ASN 06610210 PubChem CID : 1454780		0.91 (in 3 replicates)	0.80	NA				Total number of assays tested in: 657. Active in the following assays: • CYP2C9 Assay (AID 777) • uHTS absorbance assay for the identification of compounds that inhibit VHR1. (AID 1654) • Cytochrome panel assay with activity outcomes (AID 1851) • Luminescence Cell-Based/Microorganism Primary HTS to Identify Inhibitors of T.Cruzi Replication (AID 1885) • Luminescence Cell-Based/Microorganism Dose Confirmation HTS to Identify Inhibitors of T.Cruzi Replication. (AID 2044) • High-Throughput Screening for Modulators of Cytosolic Chaperonin Activity (AID 651819)

BRD-K69494685-001-06-7 MLS000730236 SMR000308512 ST50674482 AC1NO46C BDBM63417 HMS2761F03 ZINC2465637 ZINC02465637 PubChem CID : 5082003		0.92 (in 4 replicates)	0.80	NA				Total number of assays tested in: 636. Active in the following assays: • Leishmania major promastigote HTS (AID 1063) • 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) • uHTS luminescence assay for the identification of chemical inhibitors of B-cell specific antigen receptor-induced NF-kB activation (AID 435022)
BRD-K40926874-001-06-3 T6051781 AC1OBTHD MLS000516321 ZINC12727563 SMR000372882 PubChem CID : 6902822		0.90 (in 3 replicates)	0.80	NA				Total number of assays tested in: 636. Active in the following assays: • qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) • qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490) • VP16 counterscreen qHTS for inhibitors of ROR gamma transcriptional activity (AID 2546) • qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551) • uHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190) • uHTS identification of small molecule inhibitors of tim23-1 yeast via a luminescent assay (AID 463212) • Single concentration confirmation of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463213) • Single concentration confirmation of small molecule inhibitors of tim23-1 yeast via a luminescent assay (AID 463218) • 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) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332)
BRD-K99043334-001-05-3 T5820256 SMR000028676 MLS000093046 AC1MMDH8 MLS000863462 HMS2432G12 ZINC57388152 ST51073581 PubChem CID : 3237033		0.91 (in 3 replicates)	0.80	NA				Total number of assays tested in: 773. Active in the following assays: • Cytochrome panel assay with activity outcomes (AID 1851) • Primary qHTS for delayed death inhibitors of the malarial parasite plastid, 96 hour incubation (AID 504834)
BRD-K41696776-001-04-5 MLS000529852 SMR000126895 F0614-0001 AC1NFDAE BDBM42998 HMS2255D24 EU-0092111 PubChem CID : 4656755		NA (in 1 replicates)	0.80	NA				Total number of assays tested in: 691. Active in the following assays: • Human H69AR Lung Tumor Cell Growth Inhibition Assay - 86K Screen (AID 598) • HTS of Estrogen Receptor- alpha Coactivator Binding inhibitors (AID 629) • Primary biochemical High Throughput Screening assay for agonists of the steroid receptor coactivator 1 (SRC-1) recruitment by the peroxisome proliferator-activated receptor gamma (PPARgamma) (AID 631) • HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732) • qHTS Inhibitors of AmpC Beta-Lactamase (assay without detergent) (AID 485341) • uHTS for identification of Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 485346) • HTS to Find Inhibitors of Pathogenic Pemphigus Antibodies (AID 588358)
BRD-A80723361-001-06-7 MLS000120963 SMR000118340 BAS 03775057 AC1MK3FZ BDBM62892 HMS2349A13 STK840835 PubChem CID : 3148600		0.92 (in 4 replicates)	0.80	0.047				Total number of assays tested in: 698. Active in the following assays: • uHTS for Calpain Inhibitors (AID 1236) • Dose Response Confirmation for Calpain Inhibitors (AID 1420) • Luminescence Cell-Based Primary HTS to Identify Inhibitors of Heat Shock Factor 1 (HSF1). (AID 2098) • Counterscreen for PME1 inhibitors: fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of lysophospholipase 1 (LYPLA1). (AID 2174) • Counterscreen for PME1 inhibitors: fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of lysophospholipase 2 (LYPLA2). (AID 2177) • Counterscreen for PME1 inhibitors: fluorescence polarization-based biochemical high throughput confirmation assay to identify inhibitors of lysophospholipase 2 (LYPLA2). (AID 2232) • Counterscreen for PME1 inhibitors: fluorescence polarization-based biochemical high throughput confirmation assay for inhibitors of lysophospholipase 1 (LYPLA1). (AID 2233) • Inhibitors of Cav3 T-type Calcium Channels: Primary Screen (AID 449739) • High Throughput Screening for Cocaine Antagonists: Primary Screen (AID 449768) • Primary cell-based screen for identification of compounds that inhibit the Choline Transporter (CHT) (AID 488975) • Inhibitors of T-Type Calcium Channel (AID 489005) • Inhibitors of T-Type Calcium Channels (AID 493021) • Antagonist of Human D 1 Dopamine Receptor: qHTS (AID 504652) • Confirmed inhibitors of the Cav3 T-type Calcium Channel (AID 1053190)

BRD-K22606571-001-05-1 ZINC02277811 AC1LCZ96 MLS000079219 HMS2426D20 ZINC2277811 STK759250 SMR000035371 ST049350 PubChem CID : 658691		NA (in 1 replicates)	-0.62	NA				Total number of assays tested in: 760. Active in the following assays: • Human A549 Lung Tumor Cell Growth Inhibition Assay (AID 371) • CYP2C9 Assay (AID 777) • qHTS Assay for Identification of Small Molecule Antagonists for Hypoxia Response Element Signaling Pathway (AID 915) • Multiplexed high-throughput screen for small molecule regulators of RGS family protein interactions, specifically RGS16-Galphao. (AID 1441) • Multiplexed high-throughput screen for small molecule regulators of RGS family protein interactions. (AID 1504) • qHTS Multiplex Assay to Identify Dual Action Probes in a Cell Model of Huntington: Aggregate Formation (GFP) (AID 1688) • 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) • Nrf2 qHTS screen for inhibitors (AID 504444) • Dose responses of compounds that inhibit the Choline Transporter (CHT) - 5 point CRC (AID 504840) • Dose responses of compounds that inhibit the Choline Transporter (CHT) - 10 point CRC (AID 588401) • A Quantitative High throughput Screen to Identify Chemical Modulators of PINK1 Expression (AID 624263) • qHTS for Antagonists of gsp, the Etiologic Mutation Responsible for Fibrous Dysplasia/McCune-Albright Syndrome: qHTS (AID 624288) • 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) • Confirmed inhibitors of the Choline Transporter (CHT) (AID 1053196)
BRD-K54123736-001-01-9 PubChem CID : 49842957		0.69 (in 4 replicates)	-0.58	0.828				Total number of assays tested in: 36.
BRD-K36610803-001-05-7 MLS000061644 AC1LGAJ6 HMS1583A17 HMS2449O08 ZINC332632 STK832861 ZINC00332632 BAS 00412802 SMR000069975 PubChem CID : 818071		0.57 (in 2 replicates)	-0.58	NA				Total number of assays tested in: 772. Active in the following assays: • Discovery of Novel Allosteric Modulators of the M1 Muscarinic Receptor: Agonist Primary Screen (AID 626) • uHTS fluorescence polarization assay for the identification of translation initiation inhibitors (eIF4H) (AID 2012) • uHTS fluorescence polarization assay for the identification of translation initiation inhibitors (PABP) (AID 2014) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of myeloid cell leukemia sequence 1 (MCL1) interactions with BIM-BH3 peptide. (AID 2057) • Primary biochemical high throughput screening assay to identify inhibitors of BCL2-related protein, long isoform (BCLXL). (AID 2129) • Counterscreen for MCL1 inhibitors: fluorescence polarization-based biochemical high throughput confirmation assay for inhibitors of BCL2-related protein, long isoform (BCLXL). (AID 2166) • Fluorescence polarization-based biochemical high throughput confirmation assay for inhibitors of myeloid cell leukemia sequence 1 (MCL1) interactions with BIM-BH3 peptide. (AID 2168) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of GLD-1 protein - TGE RNA interaction. (AID 2280) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315)
BRD-K83390709-001-01-2 PubChem CID : 54657529		0.59 (in 4 replicates)	-0.56	0.362				Total number of assays tested in: 39.

BRD-A14828191-001-06-1 MLS000882831 KUC101301N HMS2223M11 SMR000465398 PubChem CID : 16746349		0.54 (in 2 replicates)	-0.56	NA				Total number of assays tested in: 557. Active in the following assays: • qHTS Assay for Antagonists of the Neuropeptide S Receptor: cAMP Signal Transduction (AID 1461) • Primary cell-based high-throughput screening assay for identification of compounds that inhibit KCNQ2 potassium channels (AID 2156) • qHTS Assay for Lipid Storage Modulators in Drosophila S3 Cells (AID 2685) • Luminescence Cell-Based Dose Retest to Confirm Inhibitors of Cancer Stem Cells (AID 449748) • Dose Response HTS Screen to Identify Cytotoxic Compounds of HMLE.sh.eGFP (AID 463074) • uHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190) • uHTS identification of small molecule inhibitors of tim10 yeast via a luminescent assay (AID 463195) • uHTS identification of small molecule inhibitors of tim23-1 yeast via a luminescent assay (AID 463212) • Single concentration confirmation of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463213) • Single concentration confirmation of small molecule inhibitors of tim10 yeast via a luminescent assay (AID 463215) • Single concentration confirmation of small molecule inhibitors of tim23-1 yeast via a luminescent assay (AID 463218) • uHTS for identification of Inhibitors of Mdm2/MdmX interaction in luminescent format. (AID 485346) • 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 cell-based high-throughput screening for identification of compounds that inhibit/block calcium-activated chloride channels (TMEM16A) (AID 588511) • qHTS Fluorescence Polarization (FP) Assay for Inhibitors of MLL CXXC domain - DNA interaction: Fluorescein FP (AID 624160) • qHTS for Inhibitors of ATXN expression (AID 651635) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979)
BRD-K92682487-001-01-9 PubChem CID : 54619942		0.57 (in 4 replicates)	-0.55	NA				Total number of assays tested in: 36.
BRD-K51169528-001-05-8 52505-56-3 NSC339676 AC1L7FF8 MLS000105453 ARONIS24347 CTK4J6029 HMS558L15 RSCBB000002 ZINC51809 HMS2408A19 CCG-1458 4936AE BBL015590 RSC000762 SBB039851 STK395030 AS-5405 NSC-339676 BAS 00779554 HE014702 KB-85902 SMR000102334 ST071514 AB0001320 TR-018628 BB 0218683 FT-0682771 L-5288 3B3-057653 F0906-4670 T0504-9715 PubChem CID : 334460		0.62 (in 3 replicates)	-0.55	NA				Total number of assays tested in: 767. Active in the following assays: • Profiling the NIH Molecular Libraries Small Molecule Repository: Autofluorescence at 339/460 nm (AID 709) • qHTS Assay for Inhibitors of HADH2 (Hydroxyacyl-Coenzyme A Dehydrogenase, Type II) (AID 886) • qHTS Assay for Inhibitors of HSD17B4, hydroxysteroid (17-beta) dehydrogenase 4 (AID 893) • Primary screen for compounds that inhibit Insulin promoter activity in TRM-6 cells (AID 1273) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) • Fluorescence-based biochemical primary high throughput screening assay to identify inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 588726) • Fluorescence-based cell-based primary high throughput screening assay to identify antagonists of the human cholinergic receptor, muscarinic 4 (CHRM4) (AID 624125) • Fluorescence-based cell-based primary high throughput screening assay to identify positive allosteric modulators (PAMs) of the human cholinergic receptor, muscarinic 4 (CHRM4) (AID 624126) • A quantitative high throughput screen for small molecules that induce DNA re-replication in MCF 10a normal breast cells. (AID 624296) • Fluorescence-based biochemical high throughput confirmation assay for inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 651616) • qHTS Assay for Activators of ClpP (AID 651965) • Counterscreen for inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis: Fluroescence-based biochemical high throughput Glycerophosphate Dehydrogenase-Triosephosphate Isomerase (GDH-TPI) assay to identify assay artifacts (AID 652141)
BRD-K42136676-001-05-9 AC1LJ3M9 MLS000588280 HMS2542I20 ZINC5819375 STK361603 ZINC05819375 SMR000212094 EU-0073050 ST50807812 F1001-0013 PubChem CID : 916344		NA (in 1 replicates)	-0.54	NA				Total number of assays tested in: 654. Active in the following assays: • qHTS Assay for Modulators of miRNAs and/or Inhibitors of miR-21 (AID 2289) • Elucidation of physiology of non-replicating, drug-tolerant Mycobacterium tuberculosis (AID 488890) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) • Luminescence-based biochemical primary high throughput screening assay to identify inhibitors of Trypanosoma brucei methionyl tRNA synthetase (MetRS) (AID 624268) • Luminescence-based biochemical high throughput confirmation assay for inhibitors of Trypanosoma brucei methionyl tRNA synthetase (MetRS) (AID 624412) • Fluorescent Polarization-based biochemical high throughput orthogonal assay for inhibitors of Trypanosoma brucei methionyl tRNA synthetase (MetRS) (AID 651607) • HTS for PAX8 inhibitors using PAX8 luciferase reporter gene assay in RMG-I cells Measured in Cell-Based System Using Plate Reader - 7054-01_Inhibitor_SinglePoint_HTS_Activity (AID 652154)
BRD-K75037209-001-01-4 PubChem CID : 54632498		0.53 (in 4 replicates)	-0.54	0.811				Total number of assays tested in: 35.

BRD-K24161447-001-01-6 PubChem CID : 54618557		0.67 (in 4 replicates)	-0.52	0.667				Total number of assays tested in: 50. Active in the following assays: • Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-06_Inhibitor_Dose_DryPowder_Activity_Set2 (AID 624361) • Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-05_Inhibitor_Dose_DryPowder_Activity_Set2 (AID 624369) • Inhibitors of Epstein-Barr LMP1 inducible NF-kappaB luciferase reporter Measured in Cell-Based System Using Plate Reader - 2122-01_Inhibitor_Dose_DryPowder_Activity_Set2 (AID 624376) • Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01_Activator_Dose_CherryPick_Activity (AID 651956) • Plasmodium falciparum Dd2 Sybr green parasite growth Measured in Cell-Based and Microorganism Combination System Using Plate Reader (AID 1159554)