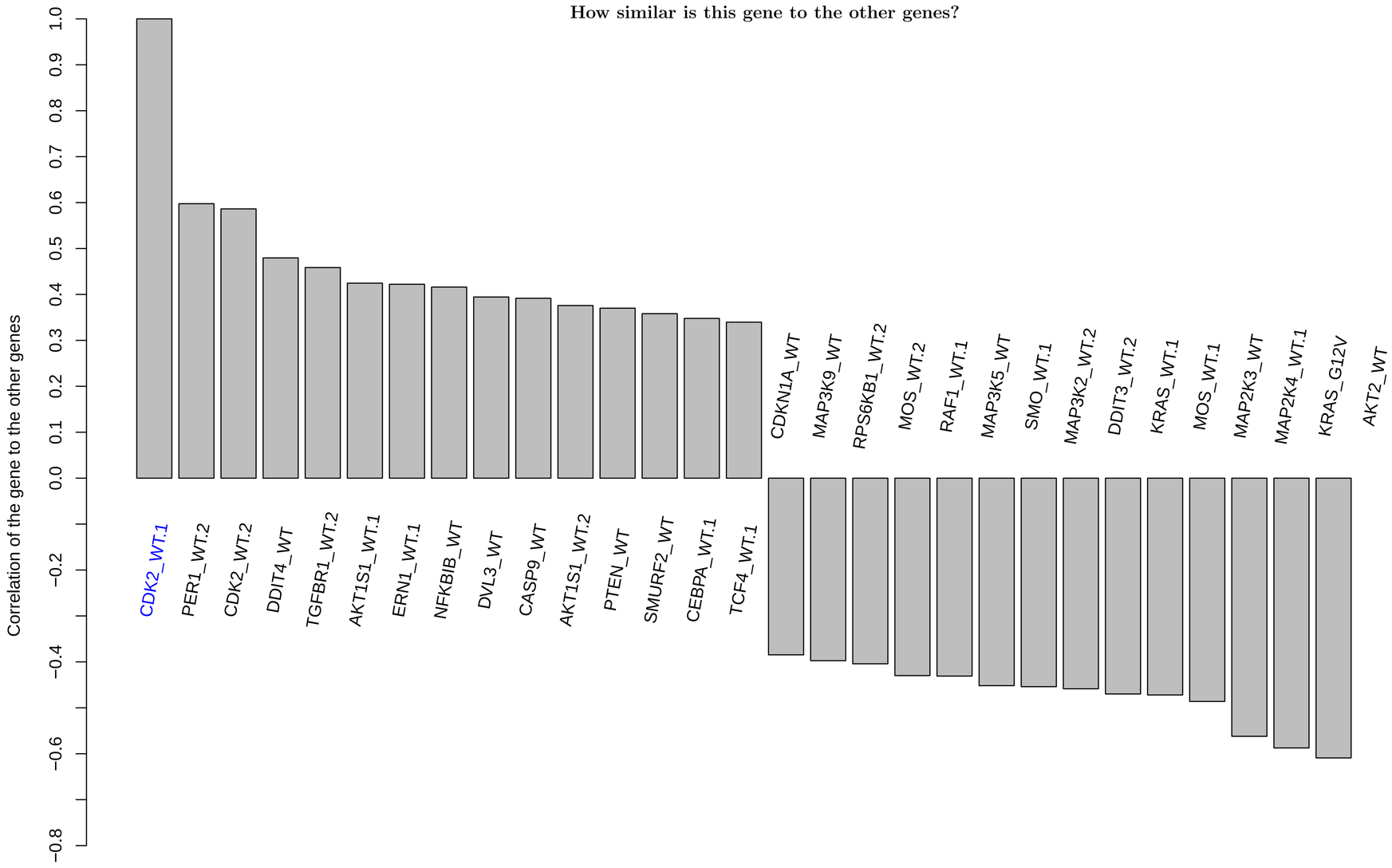
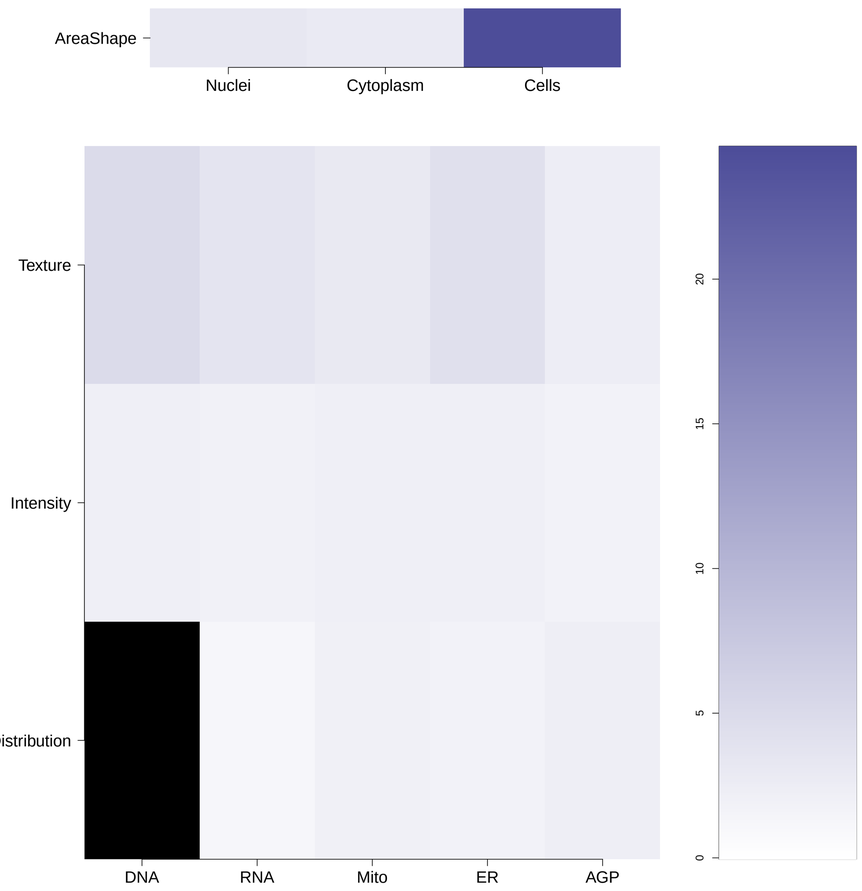
CDK2_WT.1 - in Canonical Cell Cycle

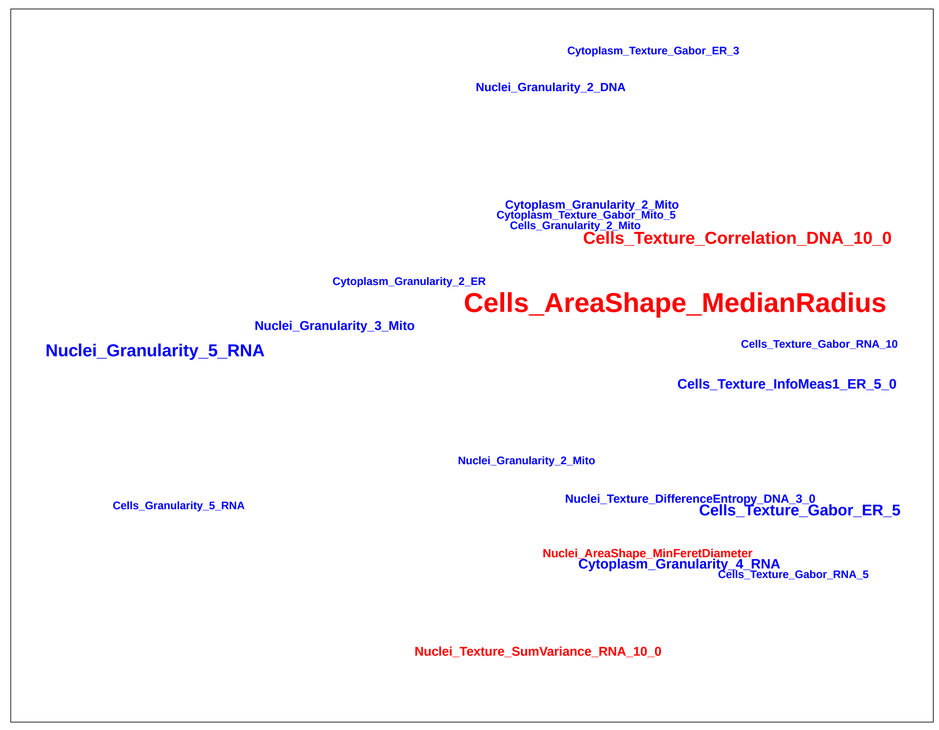
How similar is this gene to the other genes?

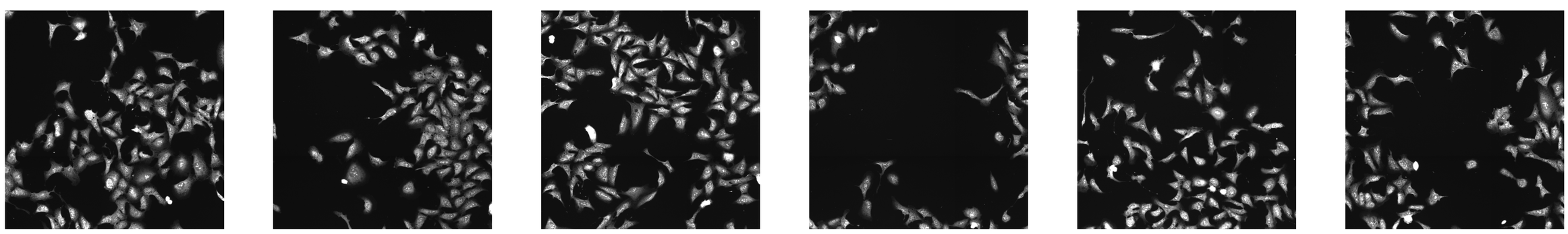


What groups of morphological features are distinguishing in the cluster relative to the untreated samples? (maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in the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

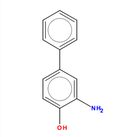
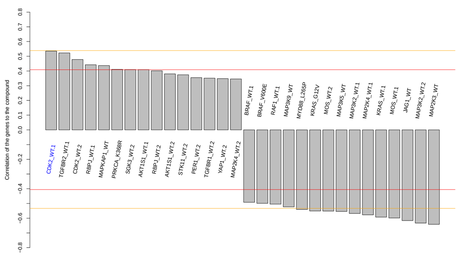
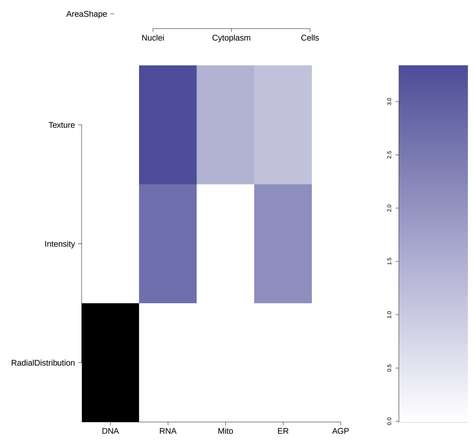
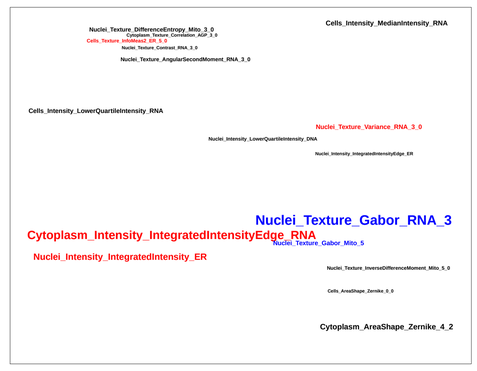
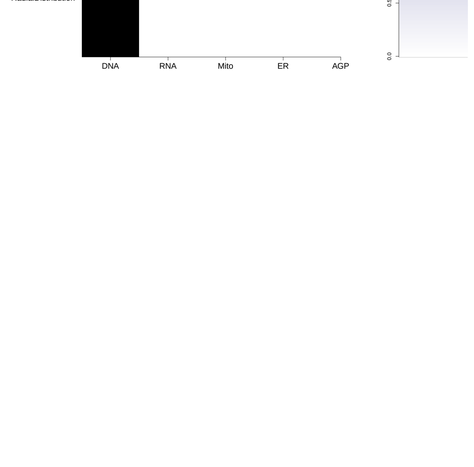
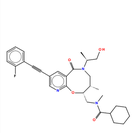
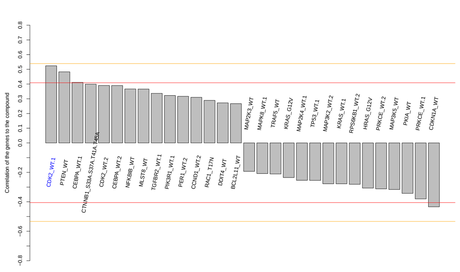
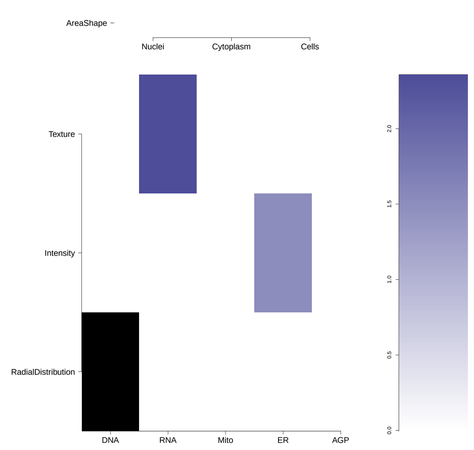
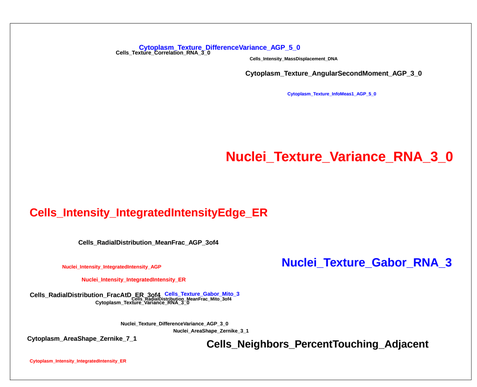


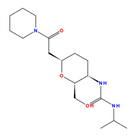
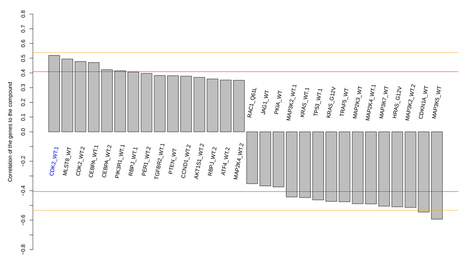
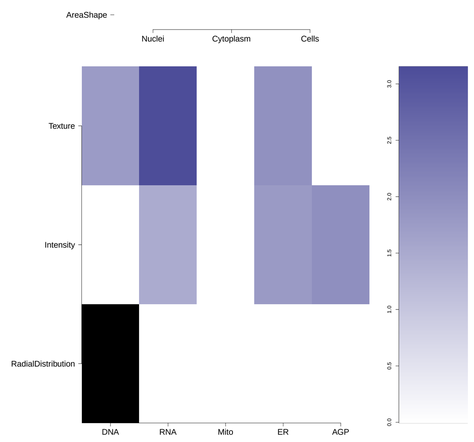
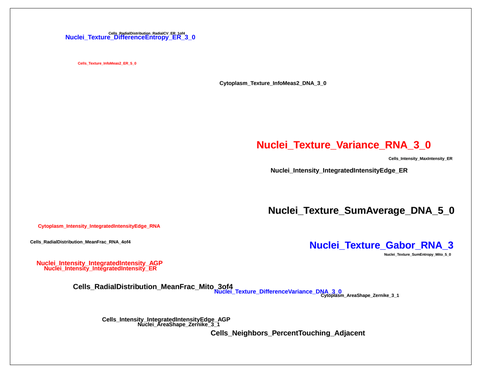
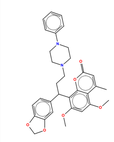
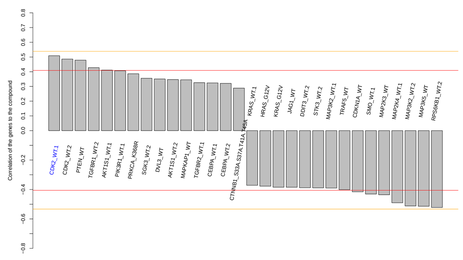
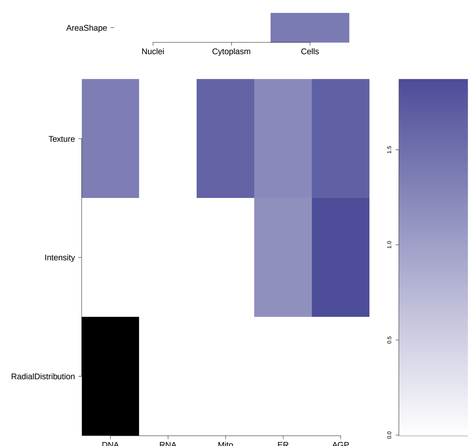
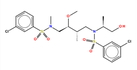
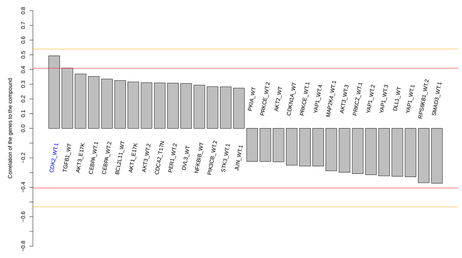
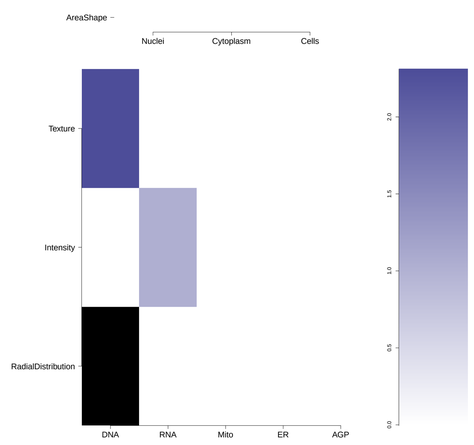
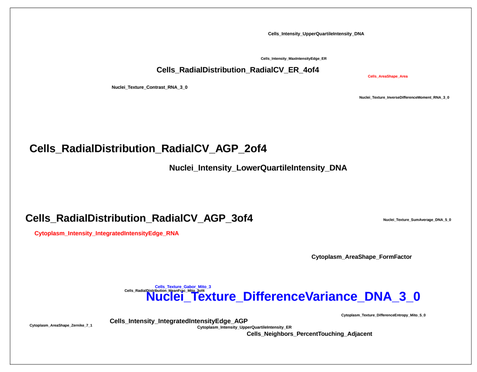
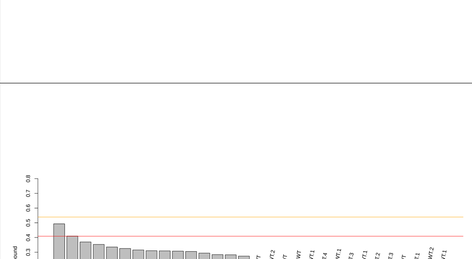
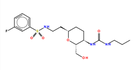
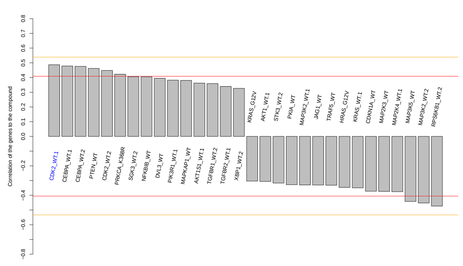
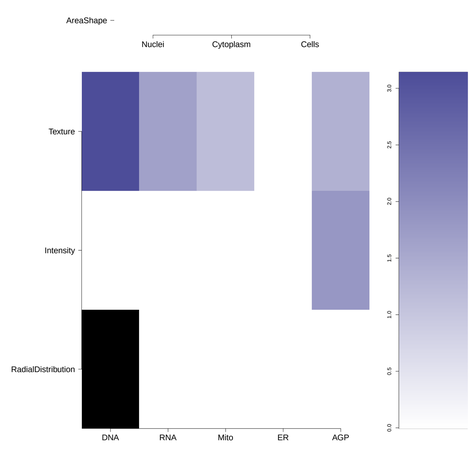
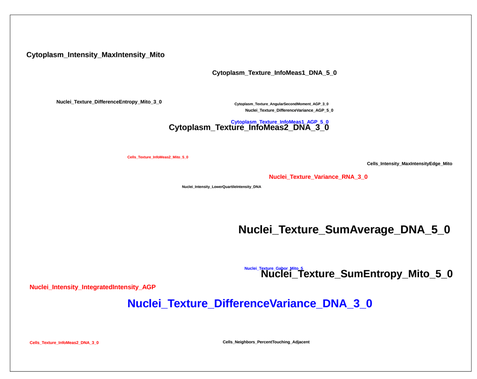
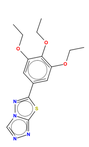
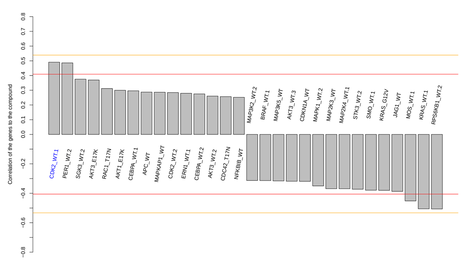
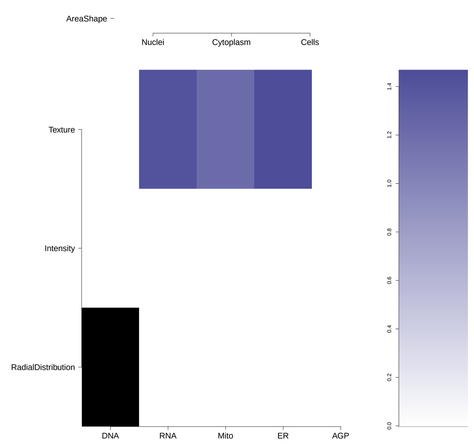
Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.

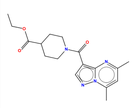
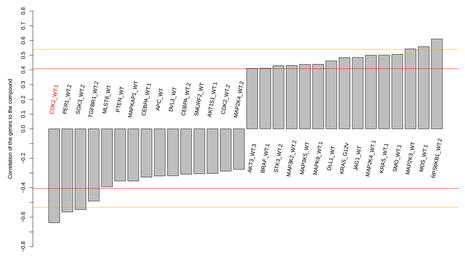
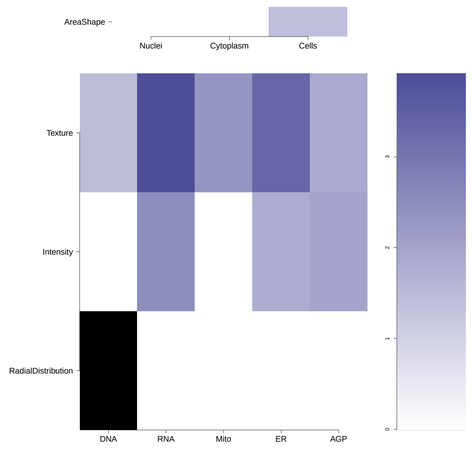


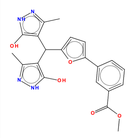
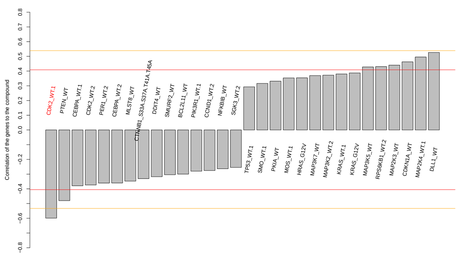
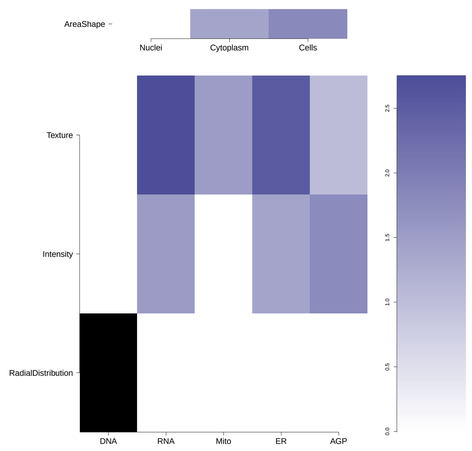
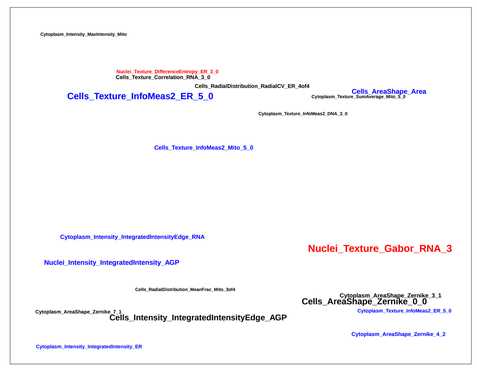


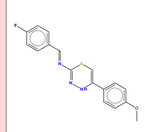
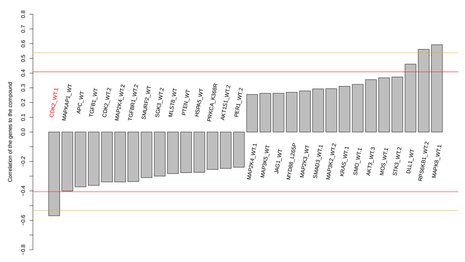
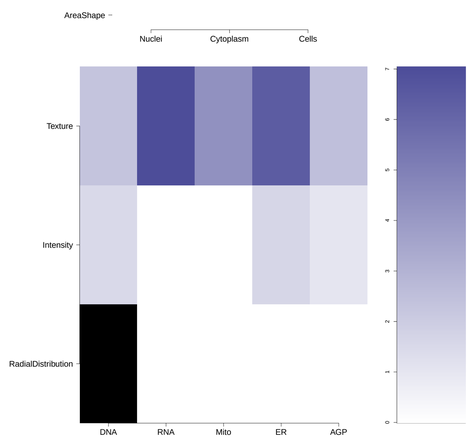
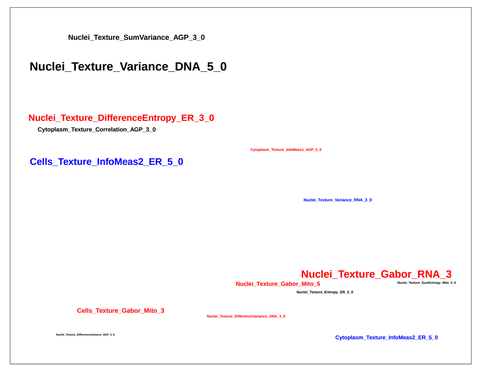
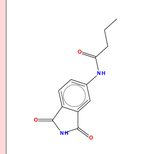
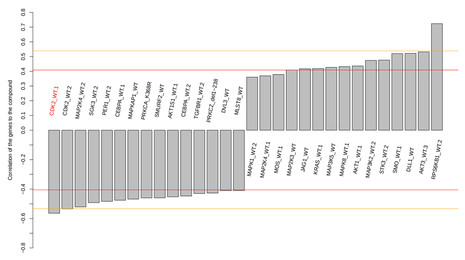
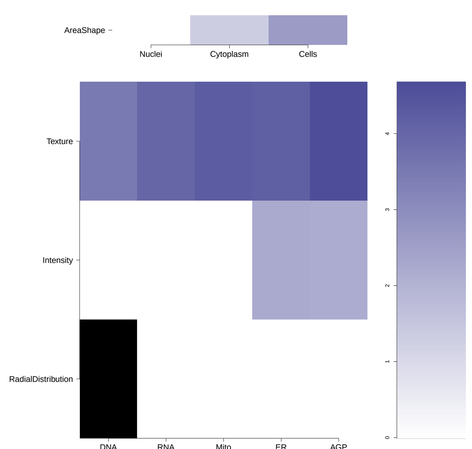
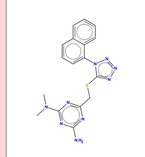
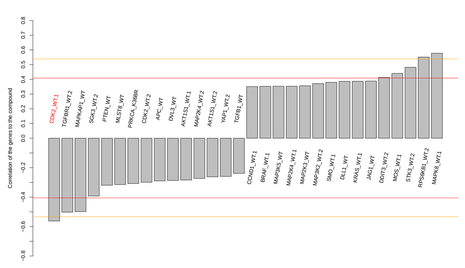
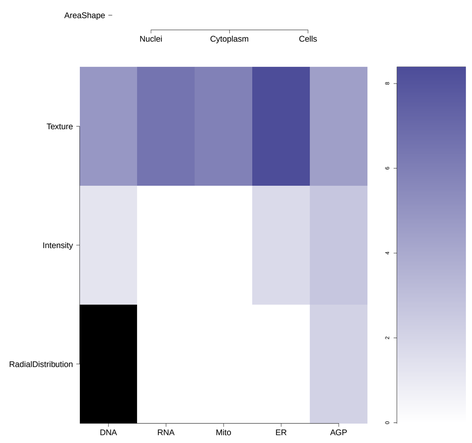
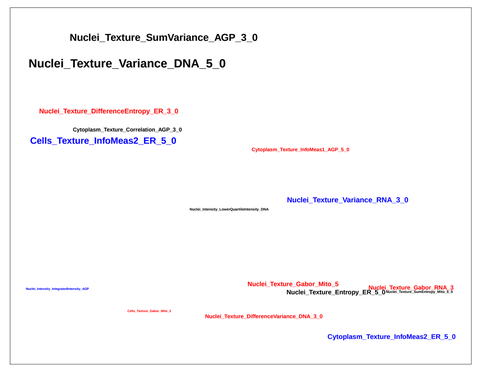
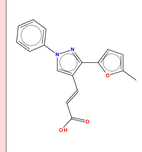
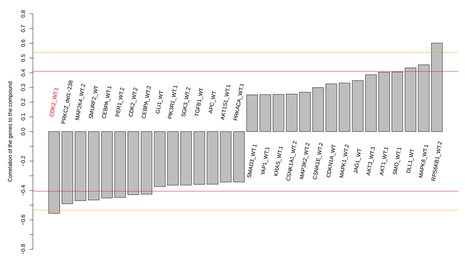
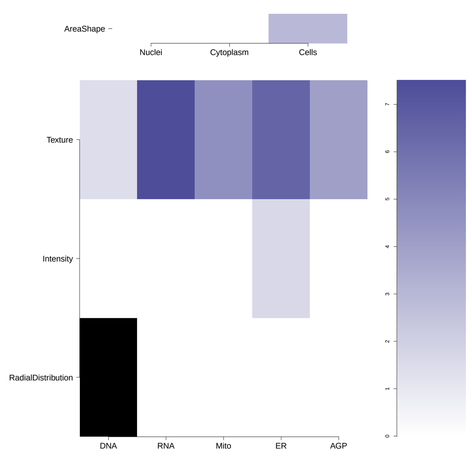
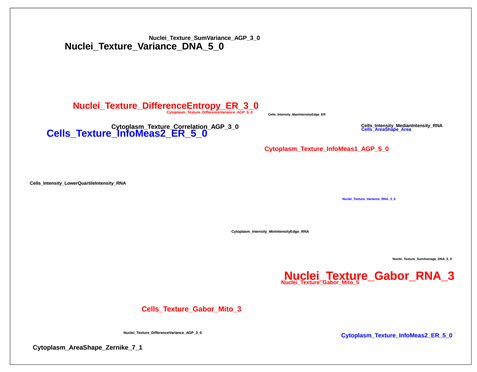
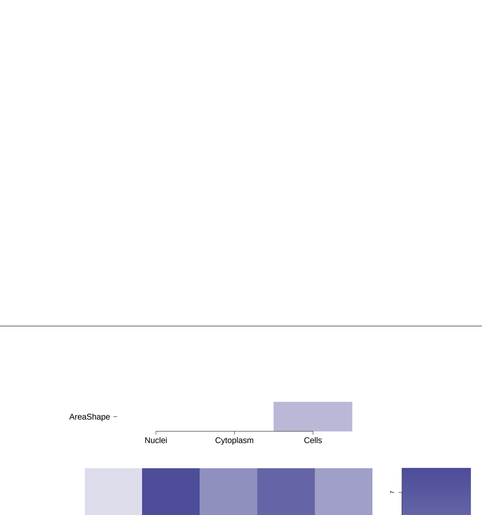
Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.52)	Correlation between compound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

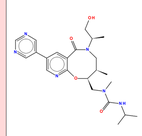
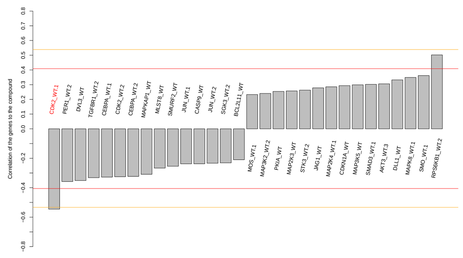
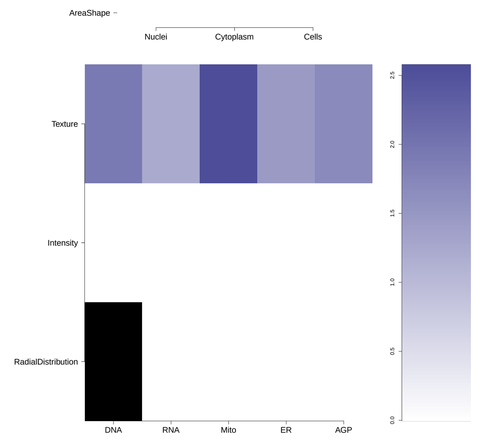
BRD-K47707616-001-06-3 1134-36-7 MLS000084764 MLS000737887 NSC 7950 SMR000019110 NSC7950 ACMC-2099js AC1L243I AC1Q516N AC1Q516O CHEMBL574583 BDBM37561 CTK3J4347 BB SC-8440 HMS1473J22 HMS2363K13 KUC106663N ZINC154832 KSC-22-7 NSC-7950 ANW-16646 BBL008080 SBB056916 STK513465 ZINC00154832 CCG-103916 PS-8495 VZ26294 IDI1 019538 AJ-13396 AK135459 AN-48686 BP-30020 KB-19962 LS-44455 OR003129 OR174385 ZB005897 DB-022223 RT-001962 3D49P06660 A0397 AM20120625 BB 0246046 FT-0614978 R1875 ST24041772 ST45004729 EN300-88962 A803050 I14-6050 3B3-001248 PubChem CID : 14562		NA (in 1 replicates)	0.54	NA				Total number of assays tested in: 835. Active in the following assays: • NCI Yeast Anticancer Drug Screen. Data for the rad50 strain (AID 155) • NCI Yeast Anticancer Drug Screen. Data for the mec2-1 strain (AID 157) • NCI Yeast Anticancer Drug Screen. Data for the sgs1 mgt1 strain (AID 161) • NCI Yeast Anticancer Drug Screen. Data for the cln2 rad14 strain (AID 165) • NCI Yeast Anticancer Drug Screen. Data for the bub3 strain (AID 167) • NCI Yeast Anticancer Drug Screen. Data for the mlh1 rad18 strain (AID 175) • Aggregation and Clearance of Mutant Huntingtin Protein (AID 483) • qHTS Assay for Tau Filament Binding (AID 596) • qHTS Assay for Inhibitors of 15-hLO-2 (15-human lipoxygenase 2) (AID 881) • qHTS Assay for Inhibitors of HADH2 (Hydroxyacyl-Coenzyme A Dehydrogenase, Type II) (AID 886) • qHTS Assay for Inhibitors of 15-hLO (15-human lipoxygenase) (AID 887) • qHTS Assay for Inhibitors of HSD17B4, hydroxysteroid (17-beta) dehydrogenase 4 (AID 893) • Primary Cell-based High Throughput Screening Assay for Inhibitors of Wee1 Degradation (AID 1321) • Luminescence-based primary biochemical high throughput screening assay to identify inhibitors of the Heat Shock Protein 90 (HSP90) (AID 1789) • MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814) • QFRET-based primary biochemical high throughput screening assay to identify inhibitors of the Plasmodium falciparum M18 Aspartyl Aminopeptidase (PFM18AAP). (AID 1822) • Luminescence-based confirmation biochemical high throughput screening assay for inhibitors of the Heat Shock Protein 90 (HSP90) (AID 1846) • Luminescence-based dose response biochemical high throughput screening assay for inhibitors of the Heat Shock Protein 90 (HSP90) (AID 1913) • qHTS Assay for Inhibitors and Activators of Human alpha-Glucosidase Cleavage of Glycogen (AID 2100) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) • 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) • qHTS screen for small molecules that inhibit ELG1-dependent DNA repair in human embryonic kidney (HEK293T) cells expressing luciferase-tagged ELG1 (AID 504467) • 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_SinglePoint_HTS_Activity (AID 504582) • Primary qHTS for delayed death inhibitors of the malarial parasite plastid, 96 hour incubation (AID 504834) • qHTS profiling assay for firefly luciferase inhibitor/activator using purifed enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342) • Beta-Arrestin HTS for Positive Allosteric Modulators of the Human D2 Dopamine Receptor: Potentiators (AID 624464) • qHTS Assay for Activators of ClpP (AID 651965) • qHTS for Inhibitors of PLK1-PDB (polo-like kinase 1 - polo-box domain): Primary Screen (AID 720504)
BRD-K40959498-001-01-1 PubChem CID : 54618519		0.54 (in 4 replicates)	0.52	0.598				Total number of assays tested in: 28. Active in the following assays: • Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01_Activator_Dose_DryPowder_Activity (AID 743399)
BRD-K43872124-001-05-6 AC1LHTYO MLS000700458 HMS2547F24 ZINC8684209 STK450089 ZINC08684209 SMR000228225 ST50832082 PubChem CID : 843841		NA (in 1 replicates)	0.52	NA				Total number of assays tested in: 650. Active in the following assays: • Primary cell-based high throughput screening assay to measure STAT1 activation (AID 932) • qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) • Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Primary Screen (AID 1456) • qHTS Assay for Enhancers of SMN2 Splice Variant Expression (AID 1458) • Multiplex HTS Assay for Inhibitors of MEK Kinase PB1 Domains, specifically MEK5 MEK Kinase3 Wildtype (AID 1529) • Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Secondary Assay 3 with KCC2 cells (AID 1714) • Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Secondary Assay 2 with KCC2 cells (AID 1715) • Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Counterscreen with HEK cells (AID 1716) • Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Retesting of KCC2 cells with Ouabain (AID 1717) • Identification of Novel Modulators of Cl- dependent Transport Process via HTS: Counterscreen 2 with HEK cells (AID 1718) • MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814) • qHTS Assay for Modulators of miRNAs and/or Inhibitors of miR-21 (AID 2289) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) • HTS Luminescent assay for identification of inhibitors of Sentrin-specific protease 8 (SENP8) (AID 2540) • qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551) • uHTS Luminescent assay for identification of inhibitors of Sentrin-specific protease 6 (SENP6) (AID 2599) • uHTS Luminescent assay for identification of inhibitors of Sentrin-specific protease 7 (SENP7) (AID 434973) • uHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190) • qHTS Assay for Rab9 Promoter Activators (AID 485297) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) • qHTS profiling assay for firefly luciferase inhibitor/activator using purifed enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342) • qHTS of TDP-43 Inhibitors (AID 652104) • Luminescence-based cell-based primary high throughput screening assay to identify agonists of the DAF-12 from the parasite H. glycines (hgDAF-12). (AID 687014)

BRD-K30417169-001-01-0 PubChem CID : 54641225		NA (in 1 replicates)	0.52	NA				Total number of assays tested in: 37.
BRD-A72105556-001-05-4 MLS000879426 KUC101566N HMS2223G06 HMS3358B13 SMR000465591 PubChem CID : 16746299		0.56 (in 2 replicates)	0.51	NA				Total number of assays tested in: 543. Active in the following assays: • qHTS Assay for Inhibitors of BAZ2B (AID 504333) • qHTS Assay for Inhibitors of JMJD2A-Tudor Domain (AID 504339) • Antagonist of Human D 1 Dopamine Receptor: qHTS (AID 504652) • 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) • Luminescence-based cell-based primary high throughput screening assay to identify agonists of the mouse 5-hydroxytryptamine (serotonin) receptor 2A (HTR2A) (AID 624169) • Luminescence-based cell-based high throughput confirmation assay for agonists of the mouse 5-hydroxytryptamine (serotonin) receptor 2A (HTR2A) (AID 624381) • qHTS Assay for Activators of ClpP (AID 651965) • 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 KCHN2 3.1: Wildtype qHTS (AID 720551) • qHTS for Inhibitors of KCHN2 3.1: Mutant qHTS (AID 720553)
BRD-K77588167-001-01-4 PubChem CID : 54649198		0.59 (in 2 replicates)	0.49	0.598				Total number of assays tested in: 37. Active in the following assays: • Inhibition of T.cruzi proliferation in culture Measured in Cell-Based System Using Plate Reader - 2138-01_Inhibitor_SinglePoint_HTS_Activity (AID 624255) • NIH/3T3 (mouse embryonic fibroblast) toxicity Measured in Cell-Based System Using Plate Reader - 2138-02_Inhibitor_SinglePoint_CherryPick_Activity (AID 651742) • NIH/3T3 (mouse embryonic fibroblast) toxicity Measured in Cell-Based System Using Plate Reader - 2138-02_Inhibitor_SinglePoint_CherryPick_Activity_Set2 (AID 651744)
BRD-K48356852-001-05-3 MLS000042714 AC1LDF6E HMS2354K16 ZINC2431605 STK824405 ZINC02431605 BAS 11413363 SMR000047319 PubChem CID : 666065		0.56 (in 2 replicates)	0.49	NA				Total number of assays tested in: 774. Active in the following assays: • Modulators of the EP2 prostaglandin E2 receptor - Primary Screening (AID 940) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of the plasma platelet activating factor acetylhydrolase (pPAFAH) (AID 463082) • qHTS Assay for Inhibitors of JMJD2A-Tudor Domain (AID 504339) • qHTS for Inhibitors of PLK1-PDB (polo-like kinase 1 - polo-box domain): Primary Screen (AID 720504)
BRD-K09975896-001-01-4 PubChem CID : 54641155		NA (in 1 replicates)	0.49	NA				Total number of assays tested in: 38.
BRD-K19693607-001-01-1 PubChem CID : 54638076		0.84 (in 3 replicates)	0.49	0.833				Total number of assays tested in: 38. Active in the following assays: • MLPCN SirT-5 Measured in Biochemical System Using Imaging - 7044-01_Inhibitor_SinglePoint_HTS_Activity_Set5 (AID 652115)
BRD-K24050338-001-01-3 PubChem CID : 54646569		0.58 (in 4 replicates)	0.48	0.249				Total number of assays tested in: 39.

BRD-K50920395-001-05-5 SMR000021483 AC1MMTM0 MLS000044072 HMS2321D17 CCG-26113 EU-0053628 PubChem CID : 3244226		NA (in 1 replicates)	-0.64	NA				Total number of assays tested in: 790. 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 HSD17B4, hydroxysteroid (17-beta) dehydrogenase 4 (AID 893) • Fluorescence-based biochemical primary high throughput screening assay to identify inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 588726) • 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-K65895220-001-01-2 PubChem CID : 54641123		NA (in 1 replicates)	-0.61	NA				Total number of assays tested in: 37.

BRD-K70551979-001-08-2 MLS000715976 SMR000277493 BAS 05901102 AC1MK7KA BDBM61200 HMS2627O24 STK263897 ZINC19974282 PubChem CID : 3152845		NA (in 1 replicates)	-0.60	NA				Total number of assays tested in: 661. Active in the following assays: • qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) • Leishmania major promastigote HTS (AID 1063) • qHTS for Inhibitors of Tau Fibril Formation, Thioflavin T Binding (AID 1460) • qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490) • 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) • AlphaScreen confirmatory assay for validation of inhibitors of SUMOylation (AID 2018) • 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 Assay for Inhibitors of Fructose-1,6-bisphosphate Aldolase from Giardia Lamblia (AID 2451) • qHTS Assay for Inhibitors of Fructose-1,6-bisphosphate Aldolase from Giardia Lamblia: Coupling assay counterscreen (AID 2472) • qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551) • 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) • 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) • uHTS identification of small molecule inhibitors of tim23-1 yeast via a luminescent assay (AID 463212) • Single concentration confirmation of small molecule inhibitors of tim23-1 yeast via a luminescent assay (AID 463218) • qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxiredoxins (AID 485364) • uHTS Fluorescent assay for identification of inhibitors of Apaf-1 (AID 489030) • Dose Response confirmation of uHTS small molecule inhibitors of tim23-1 yeast via a luminescent assay (AID 493002) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) • qHTS Assay for Inhibitors of BAZ2B (AID 504333) • qHTS Assay for Inhibitors of JMJD2A-Tudor Domain (AID 504339) • A screen for small molecule inhibitors of the human deubiquitinating enzyme, UCH37 (AID 588478) • qHTS for Inhibitors of Polymerase Iota (AID 588590) • Primary cell-based high-throughput screening for identification of compounds that activate MrgX1 receptor signaling (AID 588627) • Re-confirmation screening for identification of compounds that activate MrgX1 receptor signaling (AID 602412) • ARNT-TAC3: AlphaScreen HTS to detect disruption of ARNT/TAC3 interactions Measured in Biochemical System Using Plate Reader - 2158-01_Inhibitor_SinglePoint_HTS_Activity (AID 623870) • A reconfirmation screen for small molecule inhibitors of the human deubiquitinating enzyme, UCH37 (AID 624100) • Counter-screen against parental HEK293 cells for identification of compounds that activate MrgX1 receptor signaling (AID 624115) • Fluorescence polarization-based biochemical primary high throughput screening assay to identify inhibitors of ArfGAP with SH3 domain, ankyrin repeat and PH domain 1 (ASAP1) (AID 624377) • Fluorescence polarization-based biochemical primary high throughput screening assay to identify inhibitors of ADP-ribosylation factor GTPase activating protein 1 (ARFGAP1) (AID 651572) • ARNT-TAC3: AlphaScreen HTS to detect disruption of ARNT/TAC3 interactions Measured in Biochemical System Using Plate Reader - 2158-01_Inhibitor_Dose_CherryPick_Activity (AID 651703) • ARNT-TACC3: counter AlphaScreen Measured in Biochemical System Using Plate Reader - 2158-02_Inhibitor_Dose_CherryPick_Activity (AID 651705) • Fluorescence-based biochemical high throughput screening primary assay to identify inhibitors of Crimean-Congo Hemorrhagic Fever (CCHF) viral ovarian tumor domain protease (vOTU): Pep-AMC substrate (AID 651958) • Primary biochemical fluorescence polarization-based high throughput screening assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 652257) • 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 PLK1-PDB (polo-like kinase 1 - polo-box domain): Primary Screen (AID 720504) • Epi Absorbance-based biochemical primary high throughput screening assay to identify inhibitors of human tyrosyl-DNA phosphodiesterase 2 (TDP2) (AID 720702) • Epi Absorbance-based biochemical high throughput confirmation assay to identify inhibitors of human tyrosyl-DNA phosphodiesterase 2 (TDP2) (AID 743263) • TRFRET-based biochemical primary high throughput screening assay to identify inhibitors of HIV-1 LEDGF/p75 DNA Integration (AID 743269) • Development of Small Molecule Probes of the Histone Methyltransferase, NSD2 Measured in Biochemical System Using Plate Reader - 7053-01_Inhibitor_SinglePoint_HTS_Activity_Set2 (AID 743445) • Fluorescence-based biochemical high throughput primary assay to identify inhibitors of Trypanosoma brucei RNA editing ligase 1 (TbREL1) (AID 1117264)
BRD-K38678832-001-01-6 PubChem CID : 54649109		0.70 (in 2 replicates)	-0.57	0.125				Total number of assays tested in: 36.

BRD-K07723125-004-05-8 MLS000518985 SMR000129405 PubChem CID : 56642830		NA (in 1 replicates)	-0.57	NA				Total number of assays tested in: 681. Active in the following assays: • qHTS for Inhibitors of Tau Fibril Formation, Thioflavin T Binding (AID 1460) • qHTS Assay for Promiscuous and Specific Inhibitors of Cruzain (without detergent) (AID 1476) • qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490) • Cytochrome panel assay with activity outcomes (AID 1851) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796) • HTS using DiI-HDL to assay lipid transfer in ldlA[SR-BI] cells Measured in Cell-Based System Using Plate Reader - 2085-01_Inhibitor_SinglePoint_HTS_Activity (AID 488896) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) • Primary biochemical fluorescence polarization-based high throughput screening assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 652257)
BRD-K65788620-001-05-6 MLS000530119 AC1OFYHI HMS2249L18 ZINC4263896 STL120313 SMR000127082 F1105-0222 PubChem CID : 7157941		NA (in 1 replicates)	-0.56	NA				Total number of assays tested in: 692. Active in the following assays: • Luminescence Cell-Free Homogeneous Dose Retest to Confirm Inhibitors of GSK-3 alpha (AID 463203) • qHTS Inhibitors of AmpC Beta-Lactamase (assay without detergent) (AID 485341) • Fluorescence-based biochemical primary high throughput screening assay to identify inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 588726) • Fluorescence-based biochemical high throughput confirmation assay for inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 651616) • 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-K51608872-001-12-3 SMR000076922 MLS000049874 AC1LU0GD MLS002546659 MLS002703075 BDBM39110 AOB1554 HMS2402C13 ML150 ZINC1441041 STL363359 ZINC01441041 695209-67-7 PubChem CID : 1517919		NA (in 1 replicates)	-0.56	NA				Total number of assays tested in: 850. Active in the following assays: • Pyruvate Kinase (AID 361) • Cell Proliferation and Viability (Cytotoxicity) Primary Assay 60K MLSMR (AID 463) • Primary Cell-based High Throughput Screening assay for inhibitors of the Retinoic Acid Receptor-related orphan receptor A (RORA) (AID 561) • Primary Cell Based High Throughput Screening Assay for Antagonists of the 5-Hydroxytryptamine Receptor Subtype 1E (5HT1E) (AID 571) • Allosteric Modulators of D1 Receptors: Primary Screen (AID 641) • Allosteric Modulators of D1 Receptors: Confirmation Screen (AID 642) • Allosteric Modulators of D1 Receptors: Secondary Assay 2 (AID 647) • qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) • MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - inhibitors (AID 1813) • Fluorescence-based primary biochemical high throughput screening assay to identify inhibitors of Protein Phosphatase 5 (PP5). (AID 1987) • 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 Confimation HTS to Identify Inhibitors of of 5'UTR Stem-Loop Driven Alpha-Synuclein mRNA Translation in H4 Neuroglioblastoma Cells. (AID 2460) • ELISA Cell-Based Dose Response to Identify Inhibitors of Alpha-Synuclein Translation in SH-SY5Y Cells (AID 2473) • Western Blot Cell-Based Dose Response to Identify Inhibitors of Binding of Alpha-Synuclein Translation in H4 Cells (AID 2484) • Nrf2 qHTS screen for inhibitors (AID 504444) • Parallel artificial membrane permeability assay at pH 7.4 (AID 624339) • Counterscreen of compound fluorescence effects on High-throughput multiplex microsphere screening for inhibitors of toxin protease (AID 624483) • qHTS Assay for Inhibitors of Hepatitis C Virus (HCV) (AID 651820) • qHTS for Inhibitors of TGF-b: Confirmation of Cherry Picks (AID 720534) • qHTS Assay for Inhibitors of Hepatitis C Virus (HCV): Confirmation Assay for Cherry-picked Compounds (AID 720575) • qHTS Assay for Inhibitors of Hepatitis C Virus (HCV): Cytotoxicity Counterscreen for Cherry-picked Compounds (AID 720576)
BRD-K17675685-001-05-6 MLS000774474 SMR000371756 AC1LGTLZ AC1Q2MPA Ambcb5868527 BDBM54753 HMS1398D12 HMS2698D07 ZINC445276 NE38446 EN300-16875 T5226903 PubChem CID : 876610		NA (in 1 replicates)	-0.56	NA				Total number of assays tested in: 646. Active in the following assays: • Homogeneous Time-Resolved Fluorescence Resonance Energy Transfer (HTRF) Assay (AID 2073) • uHTS Homogeneous Terbium Time-Resolved Fluorescence Resonance Energy Transfer (HTRF) Assay (AID 2091) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxiredoxins (AID 485364) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) • qHTS profiling assay for firefly luciferase inhibitor/activator using purifed enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342) • Fluorescence-based biochemical primary high throughput screening assay to identify inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 588726) • Primary biochemical fluorescence polarization-based high throughput screening assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 652257) • Fluorescence-based biochemical high throughput primary assay to identify inhibitors of Trypanosoma brucei RNA editing ligase 1 (TbREL1) (AID 1117264)
BRD-K15954169-001-06-0 SMR000179996 MLS000546598 3R-0050 AC1MXZ4M BDBM59282 HMS2279H18 ZINC5517730 PubChem CID : 3773687		NA (in 1 replicates)	-0.55	NA				Total number of assays tested in: 658. Active in the following assays: • uHTS of Mcl-1/Noxa interaction inhibitors (AID 1022) • qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) • Primary biochemical High Throughput Screening assay for agonists of the steroid receptor coactivator 2 (SRC-2) recruitment by the peroxisome proliferator-activated receptor gamma (PPARgamma) (AID 1032) • Cytochrome panel assay with activity outcomes (AID 1851) • Luminescence Cell-Based Primary HTS to Identify Inhibitors of Heat Shock Factor 1 (HSF1). (AID 2098) • Luminescence Cell-Based Dose Confimation HTS to Identify Inhibitors of Heat Shock Factor 1 (HSF1) (AID 2382) • qHTS for Agonist of gsp, the Etiologic Mutation Responsible for Fibrous Dysplasia/McCune-Albright Syndrome: qHTS (AID 624287)

BRD-K06444139-001-01-1 PubChem CID : 54619953		0.58 (in 4 replicates)	-0.55	NA				Total number of assays tested in: 36.