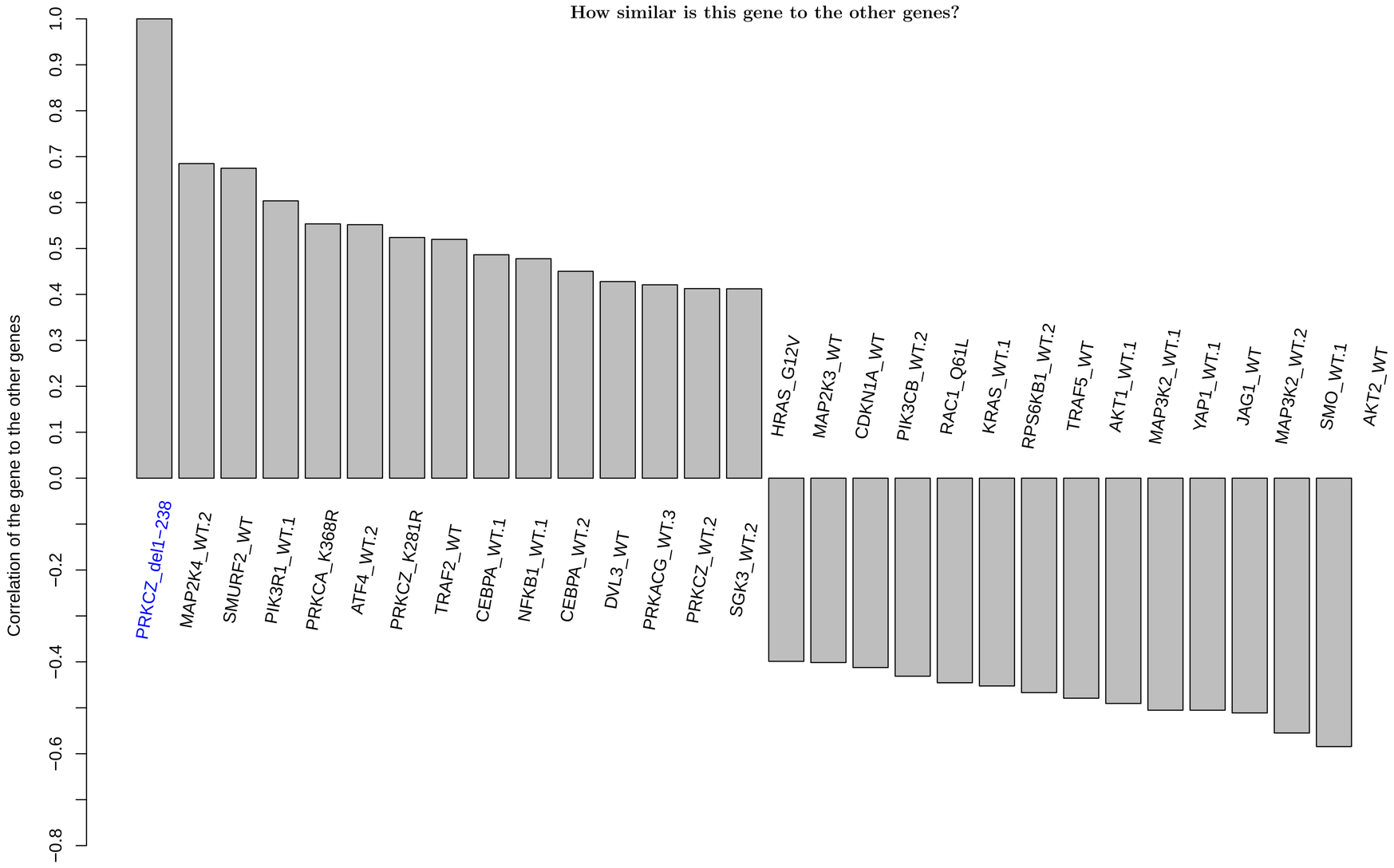
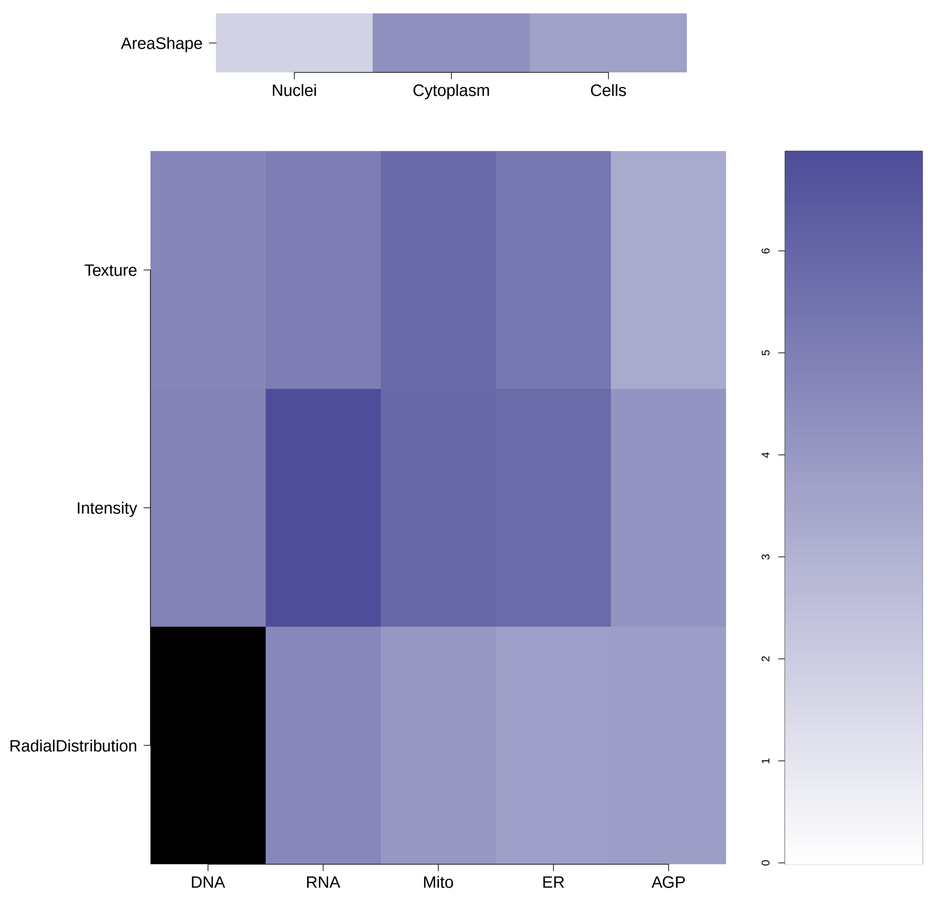
PRKCZ_del1-238 - in Canonical PKC

How similar is this gene to the other genes?



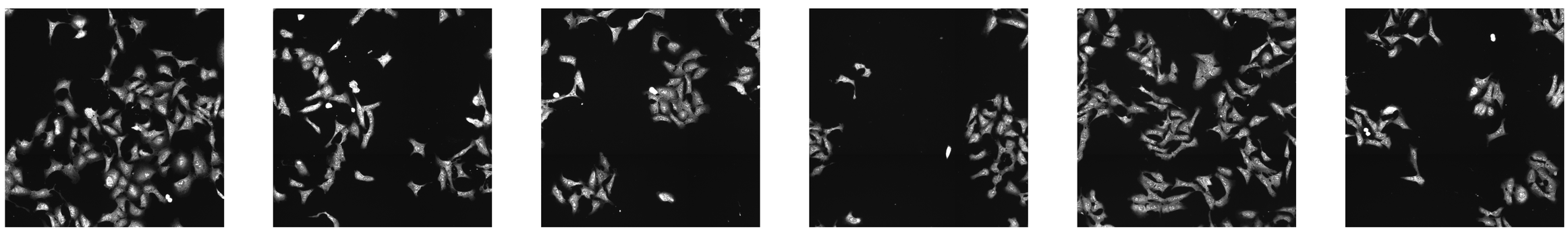
What groups of morphological features are distinguishing in the cluster relative to the untreated samples? (maximum of absolute m-score for the features belonging to the same category; m-score defined as median of a feature z-score across genes in the cluster) Black means no feature is available in the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



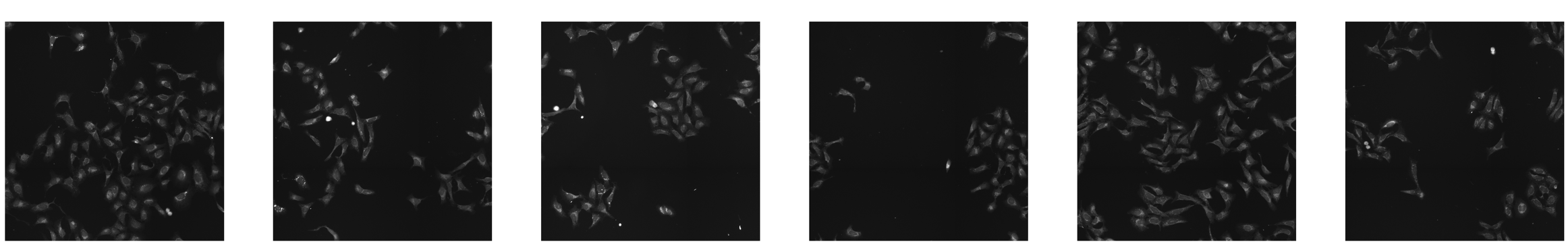
Which individual morphological features are distinguishing in the gene relative to the untreated samples? Blue/Red means the feature has a positive/negative z-score. Size is proportional to the z-score value.

Empty | PRKCZ_del1-238 (41744) | PRKCZ_del1-238 (41755) | PRKCZ_del1-238 (41756) | PRKCZ_del1-238 (41757) | PRKCZ_del1-238 (41754)

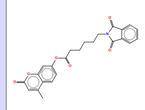
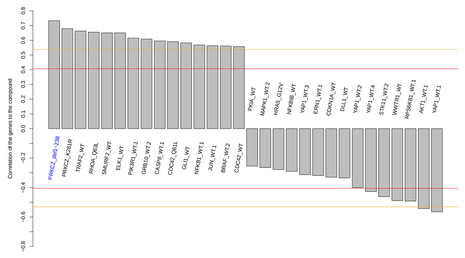
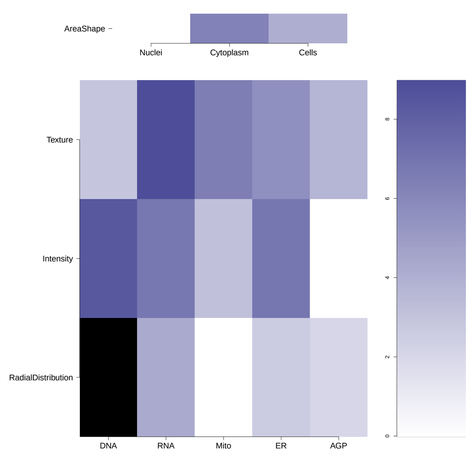
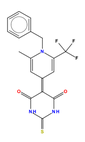
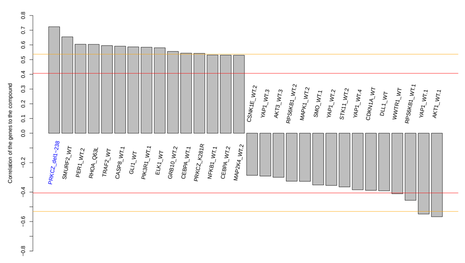
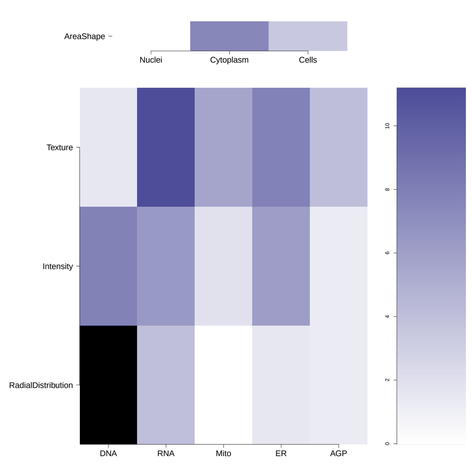
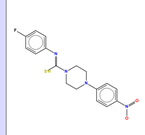
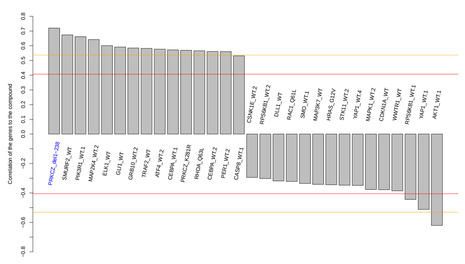
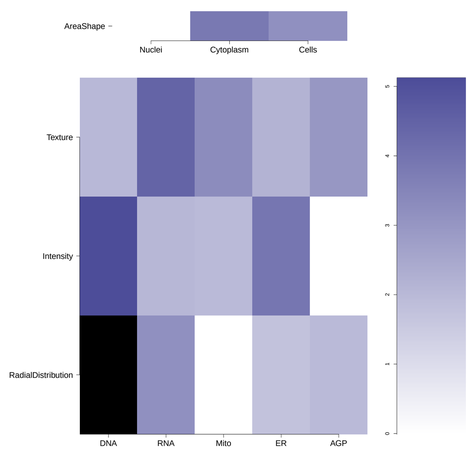
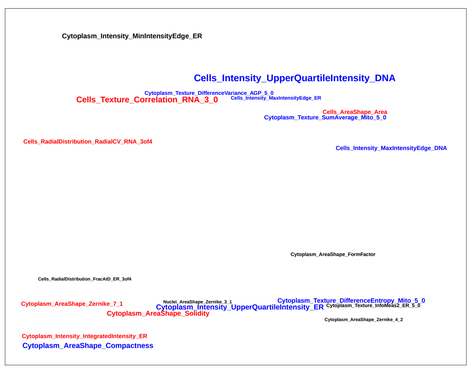
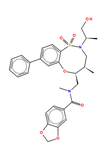
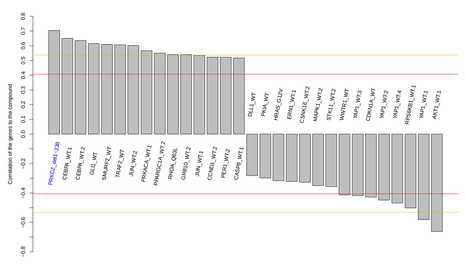
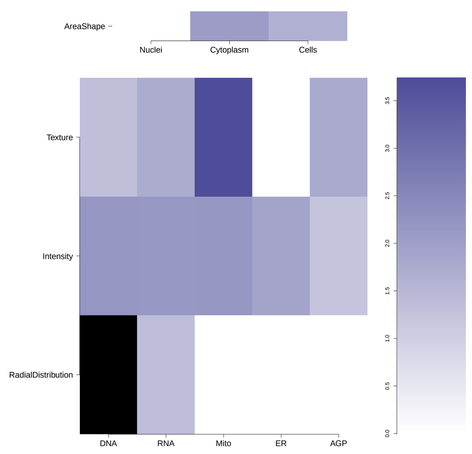
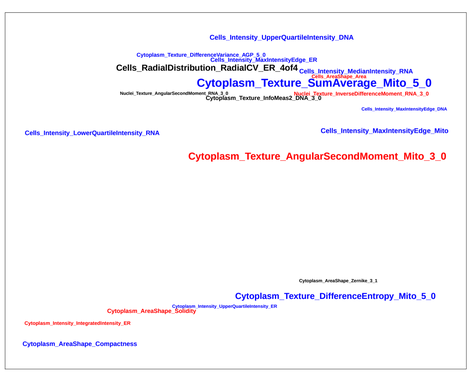
RNA

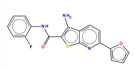
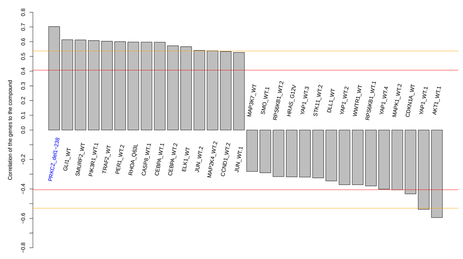
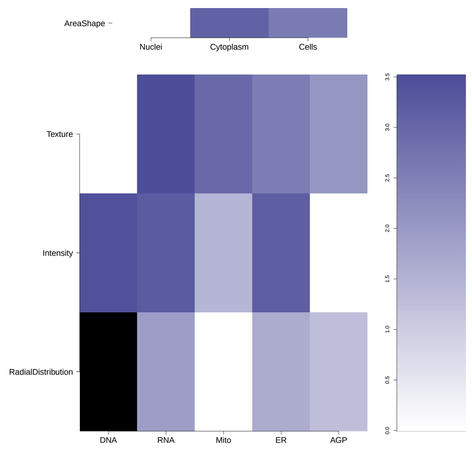
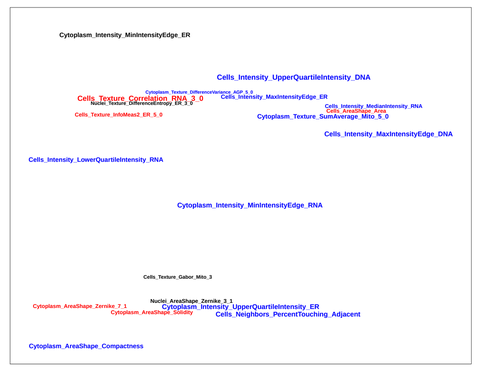


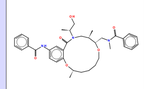
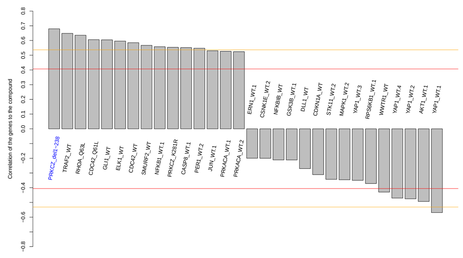
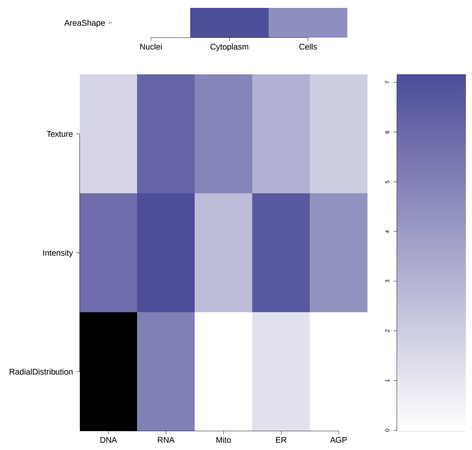
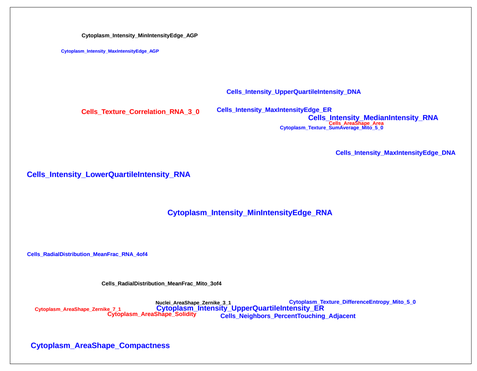
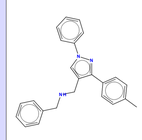
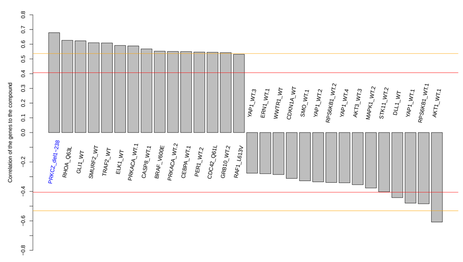
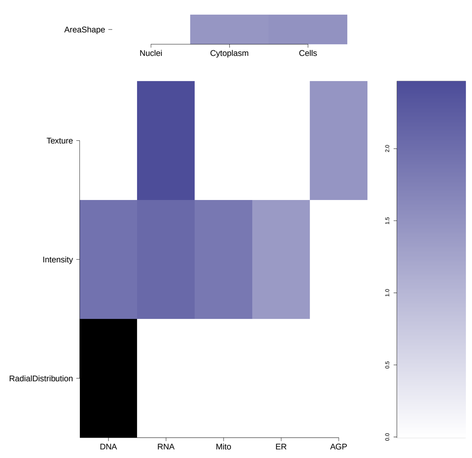
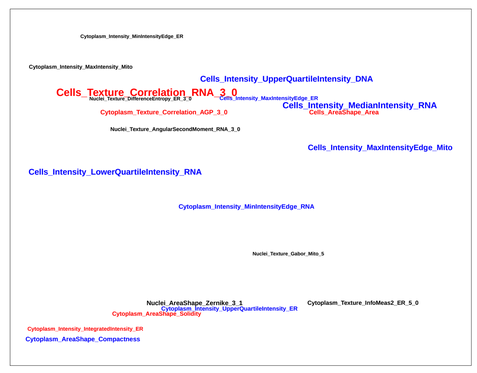
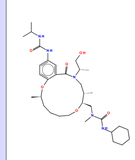
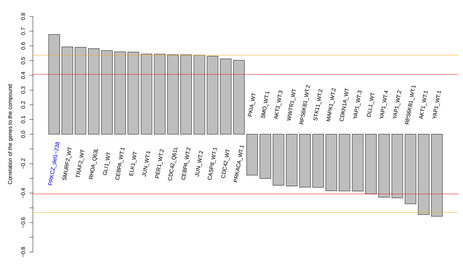
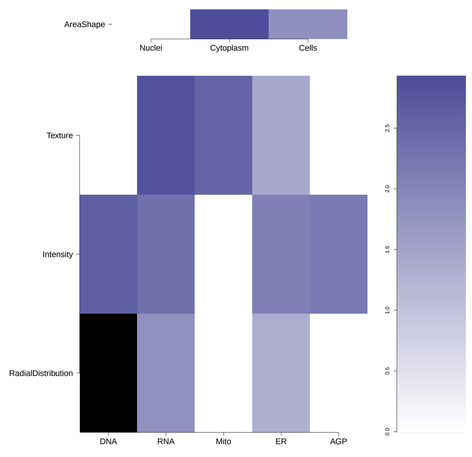
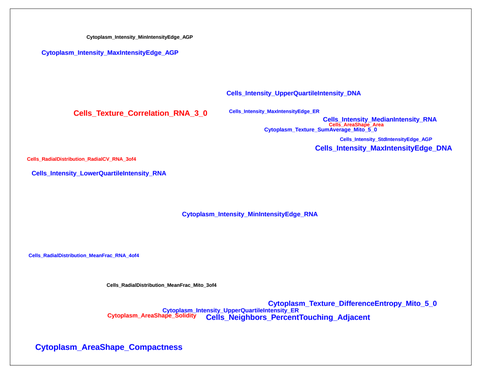
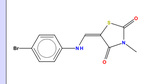
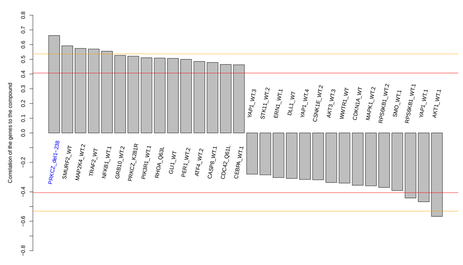
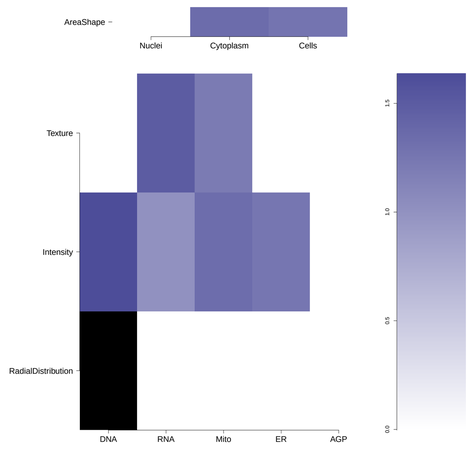
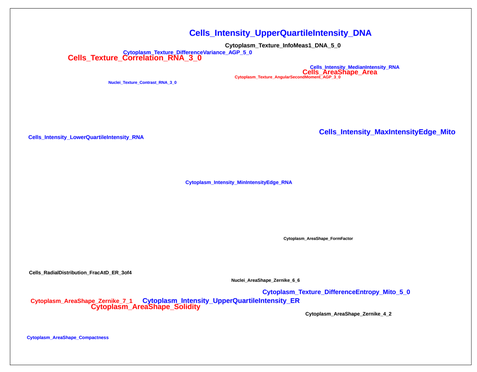
Mito

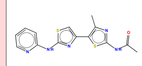
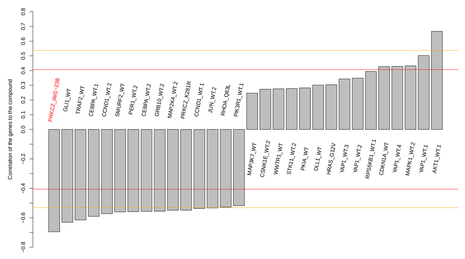
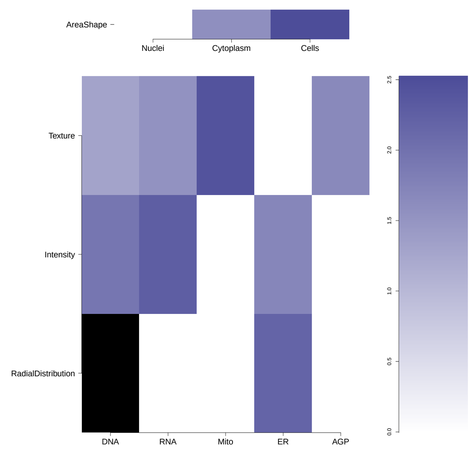
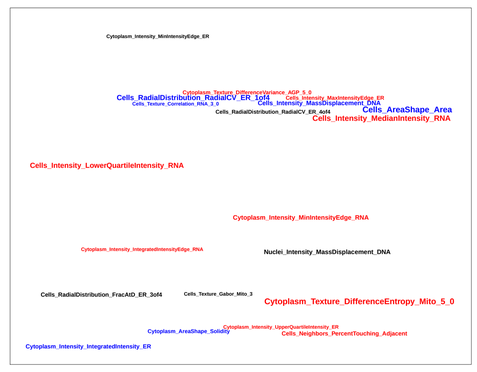
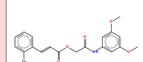
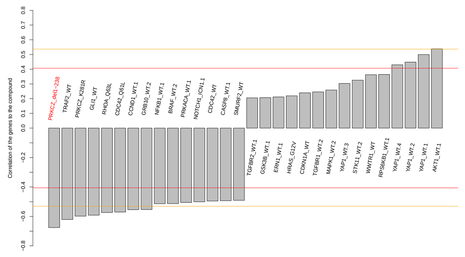
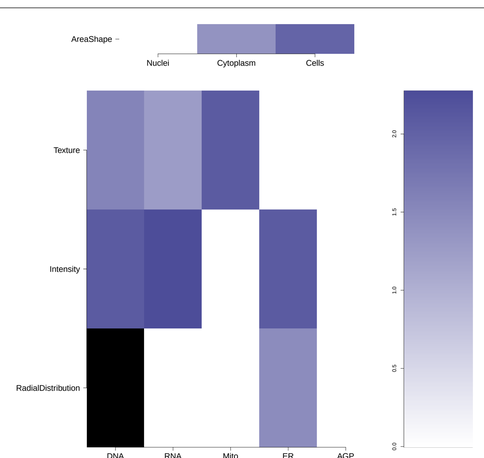
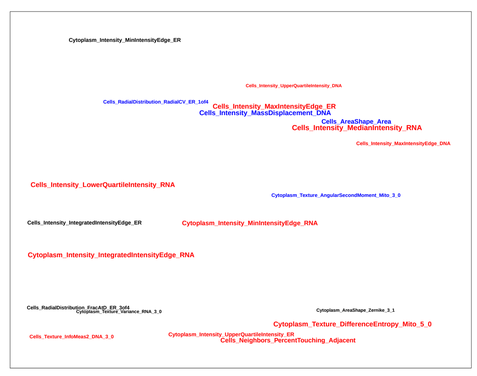
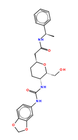
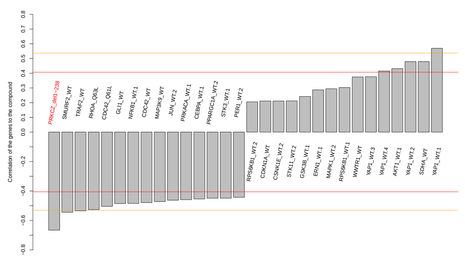
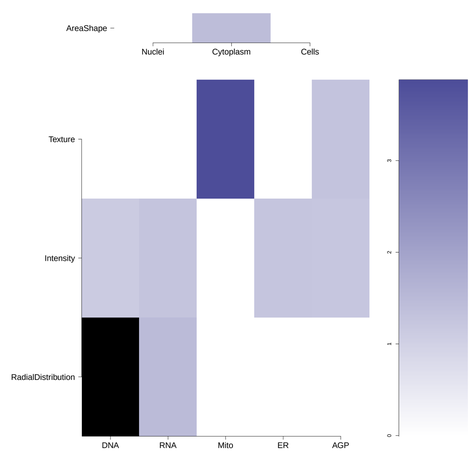
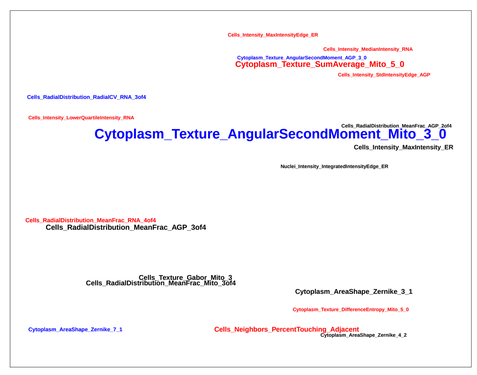
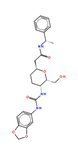
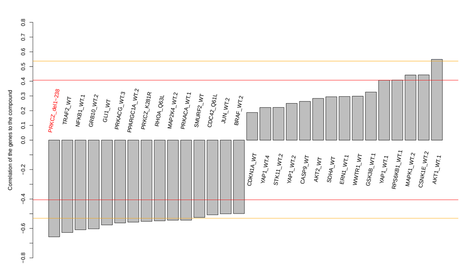
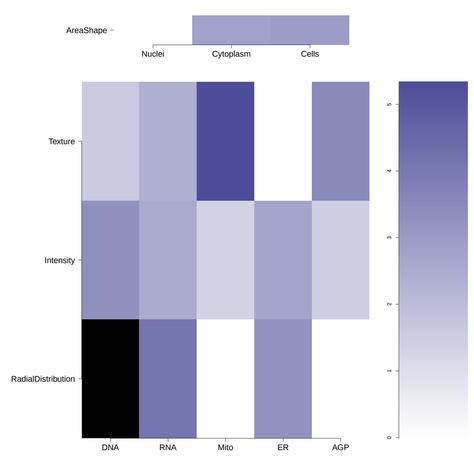
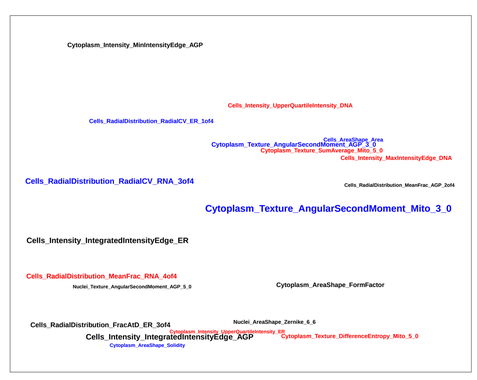
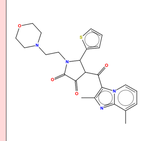
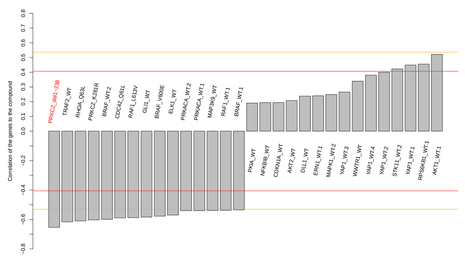
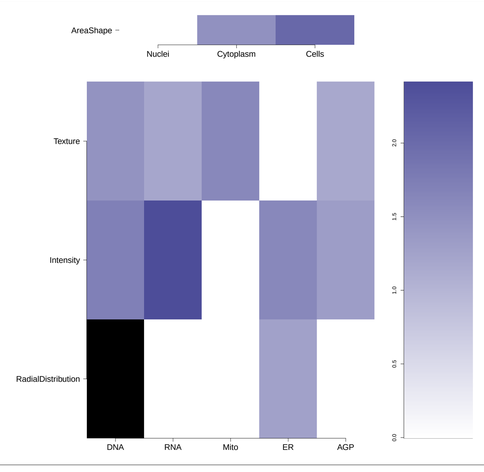
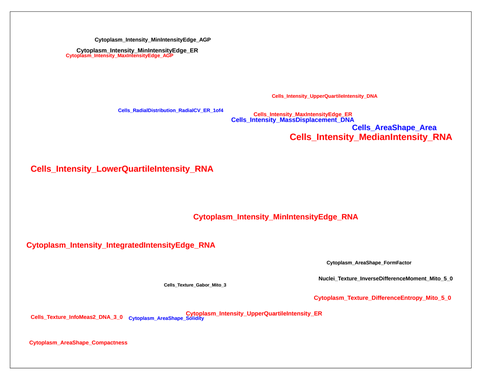


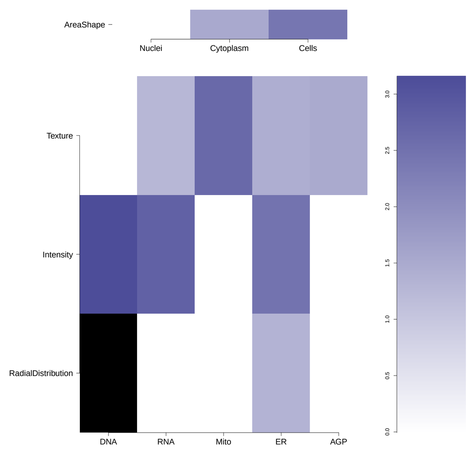
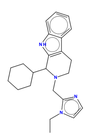
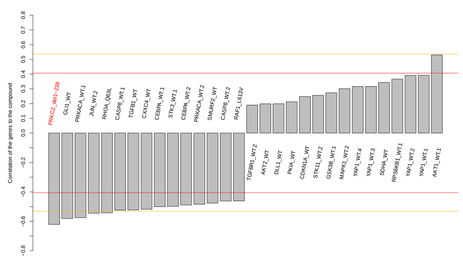
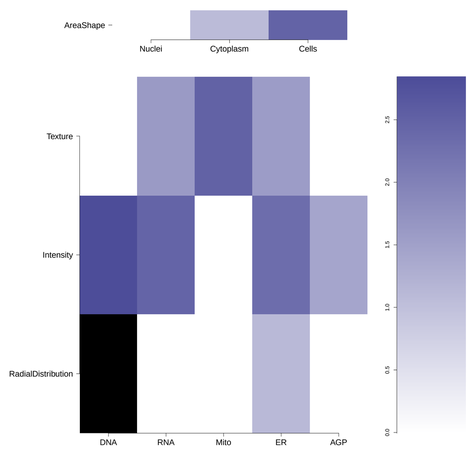
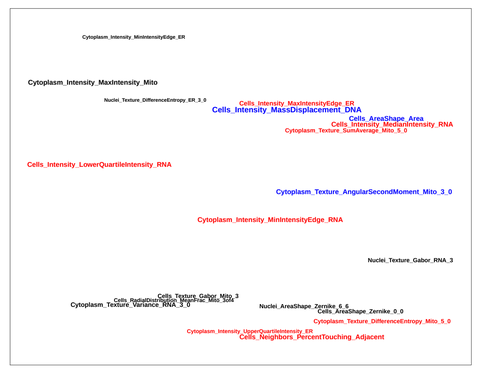
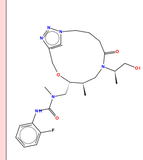
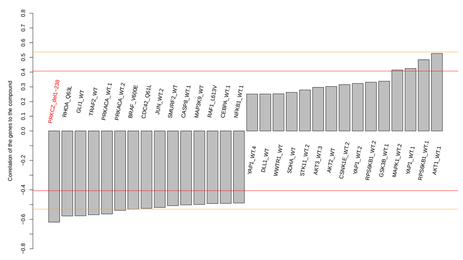
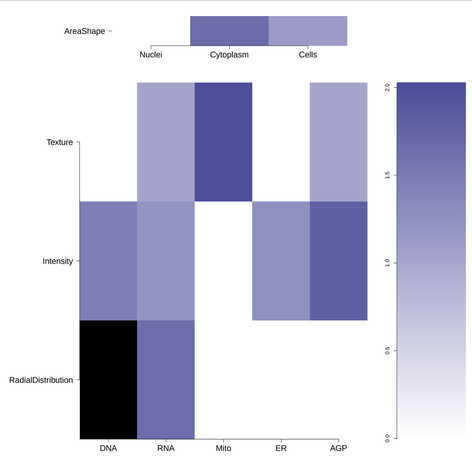
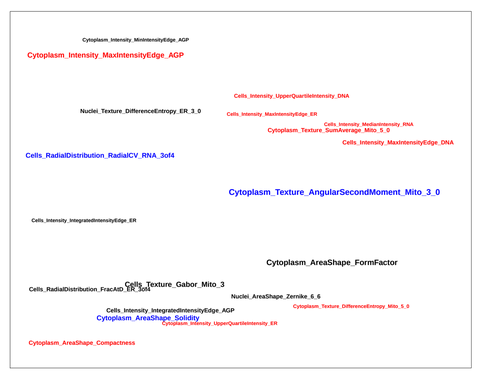
Compound IDs and common names (where available); blue/red colored box means the matching compound is positively/negatively correlated with the cluster	Chemical structure	Mean pairwise replicates correlation of the compound signature (95th DMSO replicate correlation is 0.52)	Correlation between compound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

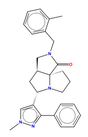
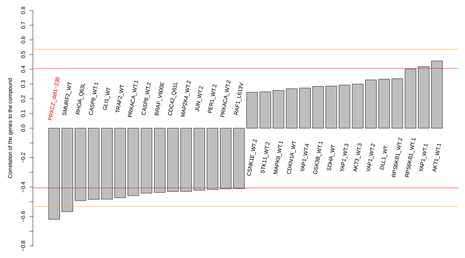
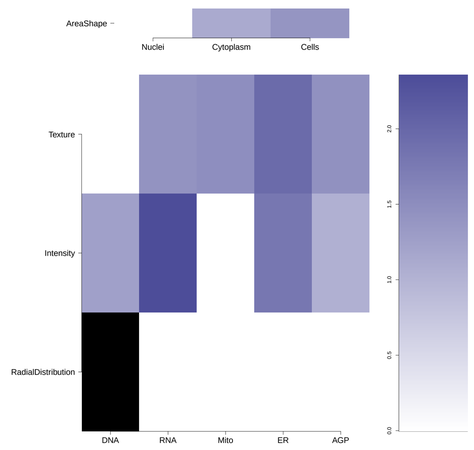
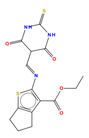
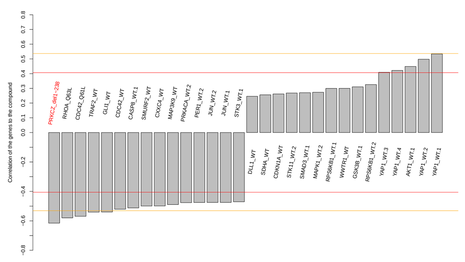
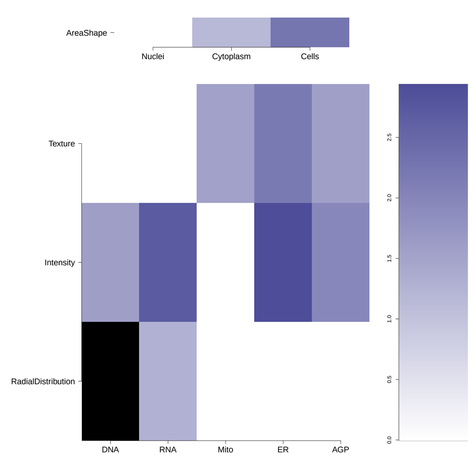
BRD-K28901743-001-05-3 ZINC01748812 AC1LTAWC MLS000552933 ZINC1748812 CCG-15676 STL331422 BAS 00558059 SMR000175471 ST50181975 PubChem CID : 1555494		NA (in 1 replicates)	0.73	NA				Total number of assays tested in: 626. Active in the following assays: • Screen for Chemicals that Extend Yeast Lifespan (AID 775) • uHTS identification of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463190) • Single concentration confirmation of small molecule inhibitors of tim10-1 yeast via a luminescent assay (AID 463213) • Fluorescence-based biochemical primary high throughput screening assay to identify inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 588726) • Fluorescence Intensity-based biochemical primary high throughput screening assay to identify activators of kallikrein-7 (K7) zymogen (AID 652039) • Fluorescence Intensity-based biochemical primary high throughput confirmation assay to identify activators of kallikrein-7 (K7) zymogen (AID 686949) • Counterscreen for activators of kallikrein-7 (K7) zymogen: Fluorescence intensity-based biochemical high throughput counterscreen assay for activators that optically interfere with measurement of EDANS-DABCYL fluorescence (AID 686952)
BRD-K70783599-001-06-5 ST50133582 AC1LQBW4 MLS000662655 HMS2706O12 ZINC1151909 STK987650 SMR000270095 PubChem CID : 1322062		NA (in 1 replicates)	0.72	NA				Total number of assays tested in: 631. Active in the following assays: • HTS identification of compounds activating phosphomannose isomerase (PMI) via a fluorescence intensity assay using a near- saturating concentration of mannose 6-phosphat (AID 1216) • Primary screen for compounds that inhibit Alzheimer's amyloid precursor protein (APP) translation (AID 1285) • MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - inhibitors (AID 1813) • HCS assay for microtubule stabilizers (AID 2205) • uHTS luminescence assay for the identification of chemical inhibitors of T-cell specific antigen receptor-induced NF-kB activation (AID 435003) • Fluorescent Polarization Homogeneous Dose Retest to Confirm Inhibitors of Mex-5 Binding to TCR-2 (AID 449745) • High-content cell-based screening for modulators of autophagy (AID 463193) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) • Nrf2 qHTS screen for inhibitors: counterscreen for cytotoxicity (AID 504648) • Cholera Quorum: HTS for inducers of light production in the absence ofautoinducers using BH1578 (luxS deficient, cqsA deficient) Measured in Microorganism System Using Plate Reader - 2132-01_Agonist_SinglePoint_HTS_Activity (AID 588436) • A quantitative high throughput screen for small molecules that induce DNA re-replication in MCF 10a normal breast cells. (AID 624296) • A quantitative high throughput screen for small molecules that induce DNA re-replication in SW480 colon adenocarcinoma cells. (AID 624297) • uHTS identification of small molecule Triacylglycerol inhbitors in a fluoresence assay (AID 651582) • Luminescence Cell-Based Primary HTS to identify inhibitors of the oncoprotein EWS/Fli transcriptional activity Measured in Cell-Based System Using Plate Reader - 7014-01_Inhibitor_SinglePoint_HTS_Activity (AID 651661) • MLPCN PGC1a Modulators Measured in Cell-Based System Using Plate Reader - 2139-01_Inhibitor_SinglePoint_HTS_Activity (AID 651687) • 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)
BRD-K87091170-001-06-1 ST51029427 AC1MEUID MLS000662650 HMS2723M17 STK144293 ZINC13497441 SMR000270103 PubChem CID : 2909240		NA (in 1 replicates)	0.72	NA				Total number of assays tested in: 633. Active in the following assays: • Luminescence Cell-Based Primary HTS to Identify Inhibitors of Beta Cell Apoptosis. (AID 435005) • Luminescence Cell-Based Dose Retest to Confirm Inhibitors of Beta Cell Apoptosis (AID 449756) • ATP-based Luminescence in the Absence of Cytokines Measured in Cell-Based System Using Plate Reader - 2061-06_Inhibitor_Dose_CherryPick (AID 463229) • Antagonist of Human D 1 Dopamine Receptor: qHTS (AID 504652) • 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-K53255530-001-01-8 PubChem CID : 54618578		0.79 (in 4 replicates)	0.70	0.329				Total number of assays tested in: 39. Active in the following assays: • Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01_Activator_SinglePoint_HTS_Activity (AID 623901) • Small molecule inhibitors of miR122 Measured in Cell-Based System Using Plate Reader - 2144-01_Activator_Dose_CherryPick_Activity (AID 651956)

BRD-K70677790-001-05-8 MLS000559030 SMR000149346 AC1LZUK5 BDBM50131 HMS2431A21 KSC-21-83B KUC107305N STK207946 ZINC17360071 ST50130120 PubChem CID : 1959044		NA (in 1 replicates)	0.70	NA				Total number of assays tested in: 700. Active in the following assays: • Primary cell-based high-throughput screening assay to identify antagonists of Galanin Receptor 2 (GALR2) (AID 828) • Screen for Chemicals that Inhibit the RAM Network (AID 868) • uHTS of Mcl-1/Bid interaction inhibitors (AID 1021) • uHTS of Mcl-1/Noxa interaction inhibitors (AID 1022) • HTS identification of compounds inhibiting phosphomannose isomerase (PMI) via a fluorescence intensity assay using a high concentration of mannose 6-phosphate (AID 1220) • Primary screen for compounds that activate Alzheimer's amyloid precursor (AID 1276) • Dose Response Confirmation for Mcl-1/Noxa Interaction Inhibitors (AID 1417) • qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490) • Fluorescence-based primary biochemical high throughput screening assay to identify inhibitors of the Hepatitis C Virus non-structural protein 3 helicase (NS3) (AID 1800) • MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814) • TR-FRET-based primary biochemical high-throughput screening assay to identify inhibitors of Hepatitis C Virus (HCV) core protein dimerization (AID 1899) • Fluorescence-based confirmation biochemical high throughput screening assay for inhibitors of the Hepatitis C Virus non-structural protein 3 helicase (NS3) (AID 1943) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of tRNA 2'-phosphotransferase (TPT1). (AID 1962) • uHTS HTRF assay for identification of inhibitors of SUMOylation (AID 2006) • 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 Protein Phosphatase Methylesterase 1 (PME-1). (AID 2130) • Fluorescence polarization-based biochemical high throughput confirmation assay to identify inhibitors of tRNA 2'-phosphotransferase (TPT1). (AID 2149) • Fluorescence polarization-based counterscreen assay for inhibitors of tRNA 2'-phosphotransferase (TPT1): biochemical high throughput screening assay to identify inhibitors of RNAse T1. (AID 2153) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) • Confirmation qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 2701) • uHTS Luminescent assay for identification of inhibitors of mouse intestinal alkaline phosphatase (AID 2806) • Single concentration confirmation of uHTS hits from a small molecule inhibitors of mouse intestinal alkaline phosphatase via a luminescent assay (AID 434971) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of the plasma platelet activating factor acetylhydrolase (pPAFAH) (AID 463082) • uHTS identification of small molecule inhibitors of tim10 yeast via a luminescent assay (AID 463195) • qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxiredoxins (AID 485364) • Inhibitos of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase): Dry Powder Followup (AID 493214) • uHTS fluorescent assay for identification of inhibitors of ATG4B (AID 504462) • Counterscreen for inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis: Absorbance-based biochemical high throughput Glycerophosphate Dehydrogenase-Triosephosphate Isomerase (GDH-TPI) full deck assay to identify assay artifacts (AID 588335) • uHTS identification of inhibitors of Rpn11 in a Fluorescent Polarization assay (AID 588493) • Primary cell-based high-throughput screening for identification of compounds that antagonize MrgX1 receptor signaling (AID 588676) • Fluorescence-based biochemical primary high throughput screening assay to identify inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 588726) • qHTS for Inhibitors of Vif-A3F Interactions: qHTS (AID 602313) • Re-confirmation screening for identification of compounds that antagonize MrgX1 receptor signaling (AID 602420) • Fluorescence-based biochemical high throughput confirmation assay for inhibitors of the fructose-bisphosphate aldolase (FBA) of M. tuberculosis (AID 651616) • qHTS for inhibitors of Vif-A3G interactions: Cherry picks (AID 651812) • Fluorescence-based biochemical primary high throughput screening assay to identify molecules that bind r(CAG) RNA repeats (AID 651821) • qHTS Assay for Activators of ClpP (AID 651965) • Fluorescence-based biochemical high throughput confirmation assay to identify molecules that bind r(CAG) RNA repeats (AID 652065) • Counterscreen for molecules that bind rCAG RNA repeats: fluorescent based biochemical counterscreen assay for inhibitors of the DNA-based (5'CAG/3'GTC) TO-PRO-1 dye complex (AID 652068) • 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) • Primary biochemical fluorescence polarization-based high throughput screening assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 652257) • Fluorescence polarization-based biochemical high throughput confirmation assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 687036) • QFRET-based biochemical high throughput primary assay to identify inhibitors of human group III secreted phospholipase A2 enzyme (HGIII-sPLA2) (AID 743126)
BRD-K27496085-001-06-9 MLS000762893 SMR000439717 AC1LXW72 BDBM58089 HMS2785I13 HMS3469C13 ZINC8657900 STK848802 ZINC08657900 ST50782147 T6363733 F3348-0380 PubChem CID : 1838594		NA (in 1 replicates)	0.70	NA				Total number of assays tested in: 569. Active in the following assays: • HTS to identify inhibitors of zVAD Induced Cell Death in L929 Cells. (AID 1377) • High Throughput Screen to Identify Inhibitors of Mycobacterium tuberculosis H37Rv (AID 1626) • MLPCN Streptokinase Expression Inhibition (AID 1662) • 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) • qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551) • Primary qHTS for delayed death inhibitors of the malarial parasite plastid, 48 hour incubation (AID 504832) • uHTS identification of small molecule Triacylglycerol inhbitors in a fluoresence assay (AID 651582) • Single concentration confirmation of small molecule Triacylglycerol inhbitors in a fluoresence assay (AID 651629) • qHTS of TDP-43 Inhibitors (AID 652104) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978)

BRD-K43014865-001-01-7 PubChem CID : 44617302		0.88 (in 4 replicates)	0.68	NA				Total number of assays tested in: 40. Active in the following assays: • HTS for Bacterial rRNA inhibitors Measured in Microorganism-Based System Using Plate Reader - 7056-01_Inhibitor_SinglePoint_HTS_Activity (AID 720706)
BRD-K20428666-003-06-2 MLS000672046 SMR000293477 AC1MHCD3 PubChem CID : 2949708		NA (in 1 replicates)	0.68	NA				Total number of assays tested in: 616. Active in the following assays: • qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) • Leishmania major promastigote HTS (AID 1063) • qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490) • Multiplex HTS Assay for Inhibitors of MEK Kinase PB1 Domains, specifically MEK5 binding to MEK Kinase 2 Wildtype (AID 1531) • Fluorescence-based primary cell-based high throughput screening assay to identify antagonists of the G-protein coupled receptor 7 (GPR7). (AID 1861) • Luminescence Cell-Based/Microorganism Primary HTS to Identify Inhibitors of T.Cruzi Replication (AID 1885) • High Throughput Screen of 100,000 compound library to Identify Inhibitors of Mycobacterium tuberculosis H37Rv (AID 1949) • Fluorescence-based confirmation cell-based high throughput screening assay to identify antagonists of the G-protein coupled receptor 7 (GPR7). (AID 1952) • Fluorescence-based counterscreen for antagonists of the G-protein coupled receptor 7 (GPR7): cell-based high throughput screening assay to identify antagonists of the melanin-concentrating hormone receptor 1 (MCHR1). (AID 2148) • VP16 counterscreen qHTS for inhibitors of ROR gamma transcriptional activity (AID 2546) • HTS Assay for Allosteric Antagonists of the Human D2 Dopamine Receptor: Primary Screen for Antagonists (AID 485344) • Luminescence-based cell-based primary high throughput screening assay to identify biased ligands of the melanocortin 4 receptor (MC4R): agonists of MC4R (AID 540308) • HTS Assay for Peg3 Promoter Inhibitors (AID 588405) • uHTS identification of small molecule inhibitors of the mitochondrial permeability transition pore via an absorbance assay (AID 602449) • Dose response confirmation of uHTS inhibitor hits of the mitochondrial permeability transition pore via an absorbance assay (AID 651561) • Dose response confirmation of uHTS inhibitor hits of the mitochondrial permeability transition pore via a fluorescent based counterscreen assay (AID 651564) • Flow Cytometric HTS Screening for Inhibitors of Lytic Granule Exocytosis with MLPCN Compound Library (AID 651702) • qHTS Assay for Inhibitors of Hepatitis C Virus (HCV) (AID 651820) • Flow Cytometric HTS Screening for Inhibitors of Lytic Granule Exocytosis with compounds from Cherry Pick01 (AID 651954) • 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)
BRD-K61991236-001-01-5 PubChem CID : 54614996		0.79 (in 4 replicates)	0.68	NA				Total number of assays tested in: 32.
BRD-K41310524-001-05-5 8P-012 AC1NV9J9 MLS000721298 HMS2679D08 ZINC05753427 SMR000335361 PubChem CID : 5525072		0.66 (in 2 replicates)	0.66	NA				• Primary cell-based high throughput screening assay to measure STAT1 activation (AID 932) • Confirmation cell-based high throughput screening assay to measure STAT1 activation (AID 1262) • Primary screen for compounds that activate Alzheimer's amyloid precursor (AID 1276) • Counterscreen assay for STAT1 activators: Cell-based high throughput assay to measure NF-kappaB activation (AID 1306) • qHTS Assay for Enhancers of SMN2 Splice Variant Expression (AID 1458) • uHTS luminescence assay for the identification of compounds that inhibit NOD1 (AID 1578) • MLPCN Alpha-Synuclein 5'UTR - 5'-UTR binding - activators (AID 1814) • Cycloheximide Counterscreen for Small Molecule Inhibitors of Shiga Toxin (AID 2314) • A qHTS for Small Molecule Inhibitors of Shiga Toxin (AID 2315) • Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796) • qHTS Assay for Rab9 Promoter Activators (AID 485297) • Heat Shock Factor-1 (HSF-1) Measured in Cell-Based System Using Plate Reader - 2038-01_Activator_SinglePoint_HTS_Activity (AID 504408) • Wnt/Beta-catenin HTS Measured in Cell-Based System Using Plate Reader - 2161-01_Activator_SinglePoint_HTS_Activity (AID 743398)

BRD-K80949975-004-10-0 MLS000678073 SMR000285925 PubChem CID : 16194139		NA (in 1 replicates)	-0.70	NA				Total number of assays tested in: 625. Active in the following assays: • Primary cell-based high throughput screening assay to measure STAT1 activation (AID 932) • Confirmation cell-based high throughput screening assay to measure STAT1 activation (AID 1262) • Counterscreen assay for STAT1 activators: Cell-based high throughput assay to measure NF-kappaB activation (AID 1306) • Counterscreen assay for STAT1 activators: Cell-based high throughput assay to measure STAT3 activation (AID 1316) • qHTS Assay for Enhancers of SMN2 Splice Variant Expression (AID 1458) • 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) • uHTS Luminescent assay for identification of inhibitors of Sentrin-specific protease 6 (SENP6) (AID 2599) • Luminescence-based primary cell-based high throughput screening assay to identify activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2796) • Luminescence-based cell-based high throughput confirmation assay for activators of the Aryl Hydrocarbon Receptor (AHR) (AID 2845) • Counterscreen for activators of the Aryl Hydrocarbon Receptor (AHR): luminescence-based cell-based high throughput screening assay to identify activators of the Pregnane X Receptor (PXR) (AID 434939) • uHTS Luminescent assay for identification of inhibitors of Sentrin-specific protease 7 (SENP7) (AID 434973) • qHTS Assay for Rab9 Promoter Activators (AID 485297) • qHTS Assay for NPC1 Promoter Activators (AID 485313) • qHTS profiling assay for firefly luciferase inhibitor/activator using purifed enzyme and Km concentrations of substrates (counterscreen for miR-21 project) (AID 588342) • qHTS Assay for Inhibitors of Hepatitis C Virus (HCV) (AID 651820) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in presence of CPT (AID 686979) • 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) • qHTS for Inhibitors of Inflammasome Signaling: IL-1-beta AlphaLISA Primary Screen (AID 743279)
BRD-K50932361-001-05-0 T0513-2819 ZINC03264211 AC1M5LGN MLS000374927 HMS2558B17 ZINC3264211 SMR000254281 PubChem CID : 2380760		NA (in 1 replicates)	-0.68	NA				Total number of assays tested in: 635. Active in the following assays: • Screen for Chemicals that Inhibit the RAM Network (AID 868) • Primary Cell-based High Throughput Screening Assay for Inhibitors of Wee1 Degradation (AID 1321) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of the Epstein-Barr virus nuclear antigen 1 (EBNA-1). (AID 1950) • Fluorescence polarization-based biochemical high throughput confirmation assay to identify inhibitors of the Epstein-Barr virus nuclear antigen 1 (EBNA-1). (AID 2292) • A CPE Based HTS Assay for Antiviral Drug Screening Against Dengue Virus (AID 540333)
BRD-K31267215-001-01-2 PubChem CID : 54641107		NA (in 1 replicates)	-0.67	NA				Total number of assays tested in: 38.
BRD-K71709348-001-01-4 PubChem CID : 54641106		NA (in 1 replicates)	-0.66	NA				Total number of assays tested in: 41. Active in the following assays: • Small Molecule Inhibitors of FGF22-Mediated Excitatory Synaptogenesis and Epilepsy Measured in Biochemical System Using RT-PCR - 7012-01_Inhibitor_SinglePoint_HTS_Activity (AID 651658)
BRD-A55864685-001-06-9 AC1O13WE HMS2393N10 ST50119597 PubChem CID : 6110858		NA (in 1 replicates)	-0.65	NA				Total number of assays tested in: 675. Active in the following assays: • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332)

BRD-K98065258-001-05-9 ST057882 MLS000689929 AC1M3T99 BDBM70238 HMS2629K17 STK157287 ZINC12411360 SMR000298648 PubChem CID : 2243980		NA (in 1 replicates)	-0.65	NA				Total number of assays tested in: 641. Active in the following assays: • qHTS for Inhibitors of Tau Fibril Formation, Thioflavin T Binding (AID 1460) • uHTS luminescence assay for the identification of compounds that inhibit NOD2 (AID 1566) • uHTS fluorescence assay for the identification of Human Immunodeficiency Virus Fusion Inhibitors. (AID 1986) • A Cell Based Assay for the Identification of Lead Compounds with Inhibitory Activity against HIV-1 Fusion (CCR5 Tropic HIV-1 Fusion Inhibition Assay) - Dose Response (AID 2279) • A Cell Based Assay for the Identification of Lead Compounds with Inhibitory Activity against HIV-1 Fusion (CCR5 Tropic HIV-1 Fusion Inhibition Assay) - Cytotoxicity Counter Screen - Dose Response (AID 2286) • uHTS identification of small molecule antagonists of the APJ receptor via a luminescent beta-arrestin assay (AID 2521) • A Cell Based Assay for the Characterization of Lead Compounds with Antiviral Activity against HIV-1 (CCR5-Tropic HIV-1 MAGI Antiviral Assay) - Secondary Assay (AID 2644) • HTS for small molecule inhibitors of CHOP to regulate the unfolded protein response to ER stress (AID 2732) • Single concentration confirmation of uHTS hits from a small molecule antagonists of the APJ receptor via a luminescent beta-arrestin assay (AID 2766) • SAR analysis of compounds that inhibit Human Immunodeficiency Virus Fusion. (AID 434967) • SAR analysis of compounds that inhibit Human Immunodeficiency Virus Fusion, cell-cell fusion assay (AID 435029) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of the plasma platelet activating factor acetylhydrolase (pPAFAH) (AID 463082) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of human platelet activating factor acetylhydrolase 2 (PAFAH2) (AID 492956) • uHTS Colorimetric assay for identification of inhibitors of Scp-1 (AID 493091) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) • qHTS Assay for Inhibitors of BAZ2B (AID 504333) • Nrf2 qHTS screen for inhibitors (AID 504444) • uHTS fluorescent assay for identification of inhibitors of ATG4B (AID 504462) • Dose response confirmation of the uHTS fluorescent assay for identification of inhibitors of ATG4B. (AID 504756) • Single concentration confirmation of inhibitors of ATG4B via a fluorescent assay (AID 504757) • Single concentration confirmation of uHTS hits for Scp-1 phosphatase using a colorimetric assay (AID 540281) • HTS for Inhibitors of HP1-beta Chromodomain Interactions with Methylated Histone Tails (AID 540317) • Differential Scanning Fluorimetry (Thermal Shift) Binding Assay for validation of Inhibitors of Scp-1 phosphatase (AID 540329) • Dose response counterscreen of uHTS hits for ATG4B inhibitors in a Phospholipase A2 assay (AID 588400) • A screen for small molecule inhibitors of the human deubiquitinating enzyme, UCH37 (AID 588478) • qHTS for Inhibitors of Polymerase Iota (AID 588590) • qHTS Assay for the Inhibitors of Human Flap endonuclease 1 (FEN1). (AID 588795) • 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) • qHTS for Inhibitors of phosphatidylinositol 5-phosphate 4-kinase (PI5P4K) (AID 652105) • 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)
BRD-A25919039-001-06-1 MLS000735743 SMR000318272 BDBM57836 HMS2662F11 PubChem CID : 16192202		NA (in 1 replicates)	-0.62	NA				Total number of assays tested in: 623. Active in the following assays: • Chemical Genetic Screen to Identify Inhibitors of Mitochondrial Fusion - Confirmatory Screen (AID 1361) • Chemical Genetic Screen to Identify Inhibitors of Mitochondrial Fusion - Primary Screen (AID 1362) • MLPCN Streptokinase Expression Inhibition (AID 1662) • 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) • Absorbance Microorganism-Based Dose Response HTS to Identify Inhibitors of Streptokinase Expression (AID 1914) • Luminescence Microorganism-Based Dose Response HTS to Identify Compounds Cytotoxic to Streptococcus (AID 1915) • qHTS Assay for Inhibitors of Human Jumonji Domain Containing 2E (JMJD2E) (AID 2147) • qHTS for inhibitors of ROR gamma transcriptional activity (AID 2551) • Primary cell-based high-throughput screening assay for identification of compounds that potentiate/activate regulator of G-protein signaling 4 (RGS4) (AID 463111) • 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) • qHTS for Inhibitors of human tyrosyl-DNA phosphodiesterase 1 (TDP1): qHTS in cells in absence of CPT (AID 686978) • qHTS for Inhibitors of PLK1-PDB (polo-like kinase 1 - polo-box domain): Primary Screen (AID 720504)
BRD-K46961295-001-02-4 MLS003129417 SMR001833863 PubChem CID : 44488161		0.63 (in 3 replicates)	-0.62	0.721				Total number of assays tested in: 229.

BRD-K77338217-001-05-5 MLS000735391 HMS2663N07 ZINC11873657 SMR000318249 PubChem CID : 16191909		NA (in 1 replicates)	-0.62	NA				Total number of assays tested in: 625. 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) • qHTS Assay for Activators of Human Muscle isoform 2 Pyruvate Kinase (AID 1631) • Fluorescence-based primary cell-based high throughput screening assay to identify antagonists of the G-protein coupled receptor 7 (GPR7). (AID 1861) • qHTS Assay for the Inhibitors of Schistosoma Mansoni Peroxiredoxins (AID 485364) • qHTS Assay for Inhibitors of Histone Lysine Methyltransferase G9a (AID 504332) • qHTS Assay for Inhibitors of JMJD2A-Tudor Domain (AID 504339) • Primary qHTS for delayed death inhibitors of the malarial parasite plastid, 48 hour incubation (AID 504832) • qHTS Assay for Inhibitors of Mammalian Selenoprotein Thioredoxin Reductase 1 (TrxR1): qHTS (AID 588453) • Luminescence-based biochemical primary high throughput screening assay to identify inhibitors of the interaction of the lipase coactivator protein, abhydrolase domain containing 5 (ABHD5) with perilipin-5 (MLDP; PLIN5) (AID 602281) • Flow Cytometric HTS Screening for Inhibitors of Lytic Granule Exocytosis with MLPCN Compound Library (AID 651702) • Primary biochemical fluorescence polarization-based high throughput screening assay to identify inhibitors of protein arginine methyltransferase 1 (PRMT1) (AID 652257)
BRD-K48784826-001-06-7 AC1O0S56 PubChem CID : 6050693		NA (in 1 replicates)	-0.62	NA				Total number of assays tested in: 540. Active in the following assays: • uHTS for 14-3-3/Bad interaction inhibitors (AID 781) • qHTS Assay for Inhibitors of Aldehyde Dehydrogenase 1 (ALDH1A1) (AID 1030) • HTS identification of compounds activating phosphomannose isomerase (PMI) via a fluorescence intensity assay using a near- saturating concentration of mannose 6-phosphat (AID 1216) • qHTS Assay for Inhibitors of Bacillus subtilis Sfp phosphopantetheinyl transferase (PPTase) (AID 1490) • MLPCN maternal gene expression-MEX-5 TCR-2 binding assay-Primary Screen (AID 1832) • Fluorescence polarization-based primary biochemical high throughput screening assay to identify inhibitors of tRNA 2'-phosphotransferase (TPT1). (AID 1962) • uHTS fluorescence assay for the identification of Human Immunodeficiency Virus Fusion Inhibitors. (AID 1986) • Fluorescence polarization-based counterscreen assay for inhibitors of tRNA 2'-phosphotransferase (TPT1): biochemical high throughput screening assay to identify inhibitors of RNAse T1. (AID 2153) • Fluorescent Polarization Homogeneous Dose Retest to Confirm Inhibitors of Mex-5 Binding to TCR-2 (AID 449745) • POS-1 FP counterscreen Measured in Biochemical System Using Plate Reader - 2024-02_Inhibitor_Dose_CherryPick_Activity_Set2 (AID 493130) • qHTS Assay for Inhibitors of JMJD2A-Tudor Domain (AID 504339) • qHTS Assay for Inhibitors of RanGTP induced Rango (Ran-regulated importin-beta cargo) - Importin beta complex dissociation (AID 540253) • qHTS Assay for Inhibitors of Mammalian Selenoprotein Thioredoxin Reductase 1 (TrxR1): qHTS (AID 588453) • uHTS identification of agonists of the CRF-binding protein and CRF-R2 receptor complex (AID 588473) • Primary cell-based high-throughput screening for identification of compounds that antagonize MrgX1 receptor signaling (AID 588676) • qHTS for Inhibitors of WRN Helicase (AID 651768) • qHTS for Inhibitors of phosphatidylinositol 5-phosphate 4-kinase (PI5P4K) (AID 652105)