b

С

CS "I'H Heither

CR TH

plk inhibitor (12) mtor inhibitor (12) mek inhibitor (12) glucocorticoid receptor agonist (12) mtor inhibitor|pi3k inhibitor (11) aromatase inhibitor (5) egfr inhibitor (11) dna methyltransferase inhibitor (4) xiap inhibitor (10) calcineurin inhibitor (4) proteasome inhibitor (10) akt inhibitor (4) p38 mapk inhibitor (10) raf inhibitor (3) hsp inhibitor (10) progesterone receptor agonist (3) hdac inhibitor (10) bcl inhibitor (3) vitamin d receptor agonist (9) tachykinin antagonist (2) cdk inhibitor (9) serotonin receptor agonist|serotonin receptor antagonist (2) androgen receptor agonist (9) rho associated kinase inhibitor (2) tubulin inhibitor (8) retinoid receptor agonist (8) hcv inhibitor (2) prostanoid receptor agonist (2) ppar receptor agonist|insulin sensitizer (2) mdm inhibitor (7) free radical scavenger (2) matrix metalloprotease inhibitor (2) gamma secretase inhibitor (7) angiotensin converting enzyme inhibitor (2) dopamine receptor antagonist|serotonin receptor antagonist (2) dopamine receptor antagonist (5) adenosine receptor antagonist (2) alk tyrosine kinase receptor inhibitor (2) topoisomerase inhibitor (4) acetylcholine receptor agonist (2) Cell Painting Both L1000 3.33 uM 0.04 uM 0.12 uM 0.37 uM 1.11 uM 10 uM 0.75 0.50 MOA median pairwise correlation 0.25 0.25 -0.250.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 0.25 0.50 0.75 0.50 0.75 1.00 0.00 0.25 0.50 0.75 1.00 0.00 1.00 0.00 MOA average precision Non–matching MOAs in any dose or assay (n = 57) 0.04 uM 0.12 uM 0.37 uM 1.11 uM 3.33 uM 10 uM 0.50 100 insulin secretagogue endothelin receptor antagonist dopamine receptor agonist opioid receptor antagonistmonoamine oxidase inhibitor adenosine receptor agonist L1000 MOA Median Pairwise Correlation leukotri ine receptoardatiad Grüstribosomal subunit inhibitor vasopressin receptor antagonist-75 dna synthesis inhibitor reverse transerip เลลอย่างมู่ค่เกลรe inhibitor MOA threshold count cyclooxygenase inhibitor|prostanoid receptor antagonist
osk receptor antagonist/rosine kinase ighibitor 0.00 glutamate receptor modulatorse inhibitor dna inhibitor 50 fungal squalene epoxidase inhibitor dna polymerase inhibitor fgfr inhibitor|vegfr inhibitor xanthine oxidase inhibitor mucolytic agent mineralocorticoid receptor antagonist 25 -0.50

Cell Painting MOA Median Pairwise Correlation

cannabinoid receptor agonist

-0.1

-0.2

Pass null

threshold

a Cell Painting

Both

L1000