

# EGFR-altered Signature

## Transcription-based

## Phosphoprotein-based

# NF1-altered Signature

## Transcription-based

## Phosphoprotein-based

Signature Reverser

Signature Enhancer

droxinostat	HDAC inhibitor	vorinostat	HDAC inhibitor	bosutinib	Abl kinase inhibitor	fasudil	PKA inhibitor	dasatinib	SRC inhibitor	sotfraustaurin	PKC inhibitor
ISOX	HDAC inhibitor	trichostatin-a	HDAC inhibitor	cabozantinib	RET tyrosine kinase inhibitor	RO-90-7501	MEK inhibitor	PD-0325901	MEK inhibitor	belinostat	HDAC inhibitor
apicidin	HDAC inhibitor	ISOX	HDAC inhibitor	cyclosporine		PD-0325901	MEK inhibitor	1268524-70-4		pd0325901	MEK inhibitor
WT-171		PF-03758309	p21 activated kinase inhibitor	gefitinib	EGFR inhibitor	PD-184352	MEK inhibitor	GSK 525762A	MEK inhibitor	ro4929097	
dacinostat	HDAC inhibitor	PHA-793887	CDK inhibitor	olmesartan	Angiotensin receptor antagonist	GSK-1070916	Aurora kinase inhibitor	GSK 525762A		dexamethasone	Glucocorticoid receptor agonist
vorinostat	HDAC inhibitor	apicidin	HDAC inhibitor	smr-3	E3 ligase inhibitor	selumetinib	MEK inhibitor	MG-132	Proteasome inhibitor	gsk-j4	
HC-toxin	HDAC inhibitor	palbociclib	CDK inhibitor	verapamil	calcium channel blocker	nomilin		AS-605240	PI3K inhibitor	unc-0321	
trichostatin-a	HDAC inhibitor	BECLOMETHASONE ...	Steroid	isoproterenol		vemurafenib	RAF inhibitor	Trametinib		zebularine	DNA methyltransferase inhibitor
pyroxanone	HDAC inhibitor	mycophenolic-ac...	IMPDH inhibitor	c646 (chembi179...		homoharringtoni...	Protein synthesis inhibitor	PD-184352	MEK inhibitor	salemide	SIRT inhibitor
givinostat	HDAC inhibitor	scriptaid	HDAC inhibitor	endothelin		GSK-3-inhibitor...	Glycogen synthase kinase inhibitor	I-BET151	Bromodomain inhibitor	ar a014418	
THM-1-94	HDAC inhibitor	SIB-1893	Glutamate receptor antagonist	ponatinib	Bcr-Abl kinase inhibitor	GR-235		AZ-628	RAF inhibitor	compound e	
MLN-4924	NAE inhibitor	Inollitazone (di...	PAPR-gamma inhibitor	carfilzomib	Proteasome inhibitor	4-hydroxy-2-non...	FXR antagonist	TG-101348	Bromodomain Inhibitor	unc-0646	
prostratin	PKC activator	BG-1025		milrinone	Phosphodiesterase inhibitor	NU-7441	DNA dep. protein kinase inhibitor	AZD-8330		unc1215	
panobinostat	HDAC inhibitor	ciobetasol	Glucocorticoid receptor agonist	regorafenib	FGFR inhibitor	propranolol	Adrenergic receptor antagonist	HG-9-91-01		geldanamycin	HSP inhibitor
belinostat	HDAC inhibitor	WT-171		vandetanib	EGFR inhibitor	MLN-2238	Proteasome inhibitor	PD-98059	MEK inhibitor	1271738-62-5	
scriptaid	HDAC inhibitor	belinostat	HDAC inhibitor	okadaic acid		dasatinib	SRC inhibitor	piperlongumine		momelotinib	
APHA-compound-8	HDAC inhibitor	BDBM29595		ibrutinib	BTX inhibitor	azithromycin	Bacterial ribosomal subunit inhibitor	PCI-32765		sch 900776	
NCH-51	HDAC inhibitor	BG-1006		taxol	microtubule inhibitor	7,4'-dihydroxyf...		BI-2536	Bromodomain Inhibitor	epz-5687	
ingenol	PKC activator	pioglitazone	PPAR receptor agonist	erlotinib	EGFR inhibitor	AS-703026	MEK inhibitor	CT-200783		ex527	SIRT inhibitor
phorbol-12-myri...	PKC activator	BG-1003		gsk525762a	bromodomain inhibitor	narciclasine		LY2090314	Glycogen synthase kinase inhibitor	lenalidomide	Anticancer agent
...	...	...	...	...	...	...	...	...	...	...	...
KU-0063794	MTOR inhibitor	BRD-A54632525		cpi-169	EZH2 inhibitor	VU-0365114-2		HU-211		nicosamide	DNA replication inhibitor
dasatinib	SRC inhibitor	BRD-K48775846		dactolisib	PI3K inhibitor	BRD-K71726959		BRD-K7172154		roscovitine	CDK inhibitor
fasudil	PKA inhibitor	BRD-K33038714		gsk126	EZH2 inhibitor	JAK3-inhibitor-...	JAK inhibitor	Maxacalcitol-D6		verapamil	Calcium channel blocker
AR-A014418	Glycogen synthase kinase inhibitor	CHEMBL2133980		cc-401	JNK inhibitor	dorsomorphin	AMPK inhibitor	936890-98-1		ibrutinib	BTX inhibitor
5-nonyloxytrypt...		Avicin-G		vx-970	ATR kinase inhibitor	SNS-314	Aurora kinase inhibitor	CD-437	retinoid receptor agonist	endothelin	
torin-2	MTOR inhibitor	BRD-K57786095		pravastatin	HMGCR inhibitor	nocodazole	Tubulin inhibitor	QS-11		daunorubicin	RNA synthesis inhibitor
HG-6-64-01	PDGFR/KIT inhibitor	BRD-K88590679		gsk-j4		mebendazole	Tubulin inhibitor	MLS000038106		isoproterenol	
pepstatin	Aspartic protease inhibitor	Avicin-D		tg101348	JAK inhibitor	BRD-A05680309		SCHMBL16892136		ttb	
quizaritinib	FLT3 inhibitor	BAY 87-2243	Hypoxia inducible factor inhibitor	sp800125	JNK inhibitor	prostratin	PKC activator	nocodazole	Tubulin inhibitor	smr-3	E3 ligase inhibitor
narciclasine		MLN-0128	mTOR inhibitor	pd0325901	MEK inhibitor	BRD-K63784565		MLS001065900		axitinib	PDGFR/RTK inhibitor
MK-212		VU0418939-2		pd-0332991	CDK inhibitor	BMS-345541	IKK inhibitor	WYE-125132	MTOR inhibitor	ponatinib	Bcr-Abl kinase inhibitor
QL-X-138	MTOR inhibitor	BRD-K65971331		bms-906024		AT-7519	CDK inhibitor	gemcitabine	Ribonucleotide reductase inhibitor	vandetanib	EGFR inhibitor
vemurafenib	RAF inhibitor	methylene-blue	Guanylyl cyclase inhibitor	afuresertib	SIRT inhibitor	apicidin	HDAC inhibitor	mebendazole	Tubulin inhibitor	regorafenib	FGFR inhibitor
homoharringtoni...	Protein synthesis inhibitor	GSK 1059615	PI3K inhibitor	ex527	SIRT inhibitor	QS-11	HDAC inhibitor	tacedinaline	HDAC inhibitor	erlotinib	EGFR inhibitor
PJ-34	PARP inhibitor	Oxetane	PARP inhibitor	dasatinib	SRC inhibitor	pyroxamide	PKC activator	prostratin	PKC activator	amiodarone	Potassium channel blocker
emetine	Protein synthesis inhibitor	homoharringtoni...	Protein synthesis inhibitor	dasatinib	EGFR inhibitor	ingenol	HDAC inhibitor	entinostat	HDAC inhibitor	flecainide	Sodium channel blocker
verrucarin-a	Protein synthesis inhibitor	torin-1	MTOR inhibitor	isomipimod	p38 MAPK inhibitor	WT-171	HDAC inhibitor	Ingenol Mebutat...		ginkgetin	
cephaeline	Protein synthesis inhibitor	QL47	BTX inhibitor	unc1215		BX-795	IKK inhibitor	phorbol-12-myri...	PKC activator	okadaic acid	EGFR inhibitor
tyrphostin-AG-1...		BRD-K69482343		byl719	PI3K inhibitor	droxinostat	HDAC inhibitor		PKC activator	dinaciclib	CDK inhibitor
calyculin											

CLUE

iLINC5

P100

CLUE

iLINC5

P100

CLUE Connectivity Score

iLINC5 Z-score

P100 Connectivity Score

