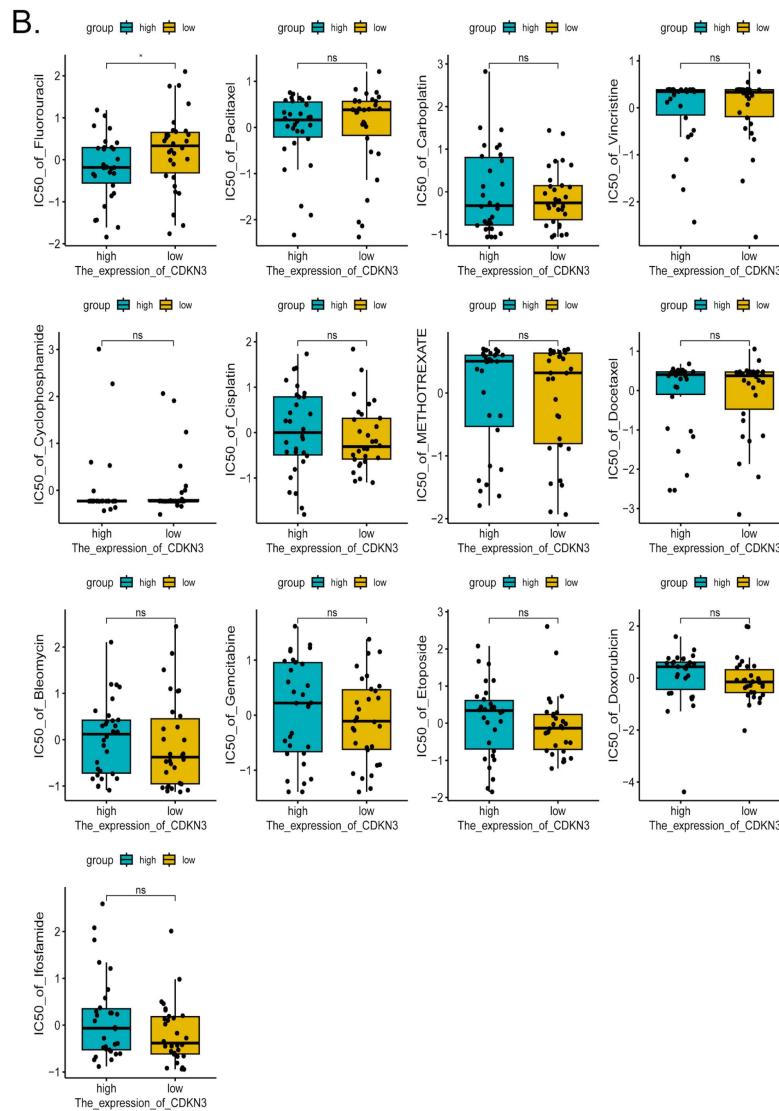
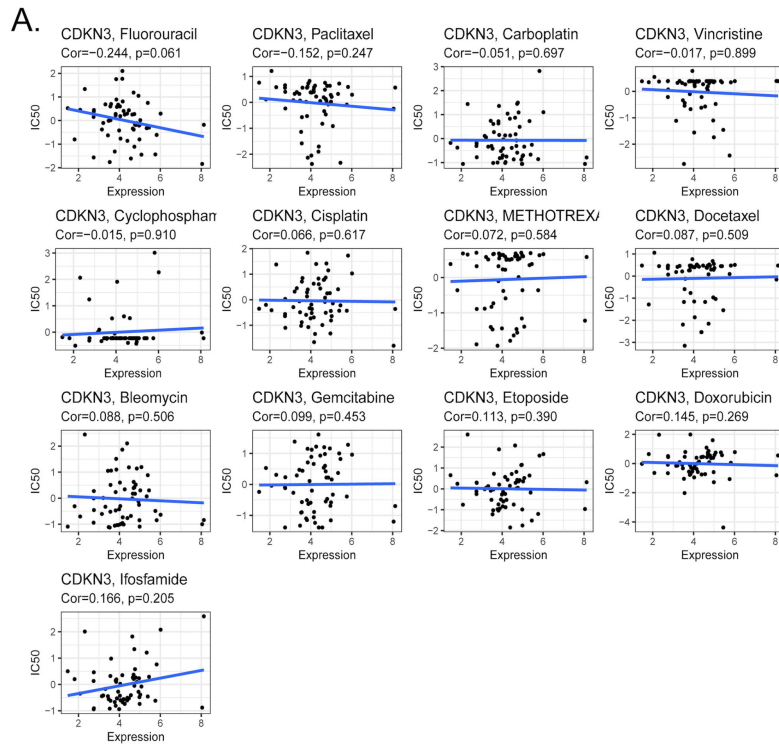




Supplementary Figure S1 The complete findings on CDKN3 expression in corresponding tumors and normal tissues.



Supplementary Figure S3 Drug sensitivity to common clinical chemotherapeutic drugs. (A) The correlation between drug sensitivity and CDKN3. Spearman' s correlation coefficients were calculated to investigate the correlation. (B) The different IC50 values of the corresponding drugs in different CDKN3 expression groups. *p < 0.05, **p < 0.01.

Supplementary Table S1 The complete results of the correlation between the IC50 values for 408 FDA-approved or clinical trial drugs and CDKN3 expression levels

Gene	Drug	spearman.cor	spearman.pvalue	pearson.cor	pearson.pvalue
CDKN3	norvir	-0.336219003	0.008626792	-0.250001415	0.054044565
CDKN3	Vemurafenib	-0.32019787	0.012627191	-0.248407641	0.055646192
CDKN3	PLX-4720	-0.31741136	0.013465777	-0.21899179	0.092744845
CDKN3	Bosutinib	-0.303267756	0.018500138	-0.150447164	0.251220837
CDKN3	Denileukin Diffitox Ontak	-0.296913149	0.021238556	-0.283933793	0.027910578
CDKN3	Tegafur	-0.273444898	0.03451428	-0.216762977	0.096199943
CDKN3	RAF-265	-0.272387492	0.035246747	-0.198728846	0.127960858
CDKN3	Caffeic acid	-0.268650303	0.037939782	0.005413842	0.96725319
CDKN3	Motesanib	-0.249360898	0.054683675	-0.137741879	0.293942358
CDKN3	Olaparib	-0.246608653	0.057500086	-0.132683541	0.312198684
CDKN3	Fluorouracil	-0.243747916	0.060550842	-0.247231966	0.056852168
CDKN3	Lexibulin	-0.242559814	0.061855658	-0.06907166	0.600001098
CDKN3	Rabusertib	-0.237968212	0.067112807	-0.217965892	0.09432294
CDKN3	ergenyl	-0.237739143	0.067384179	-0.246087328	0.058046569
CDKN3	Temsirolimus	-0.232561691	0.073755728	-0.272780586	0.034972955
CDKN3	timazid	-0.222205744	0.087934308	-0.269512248	0.037304007
CDKN3	claritin	-0.217047586	0.095753237	-0.282702682	0.028626039
CDKN3	BML-277	-0.21567941	0.09791552	-0.079999869	0.543442237
CDKN3	Lapatinib	-0.212015116	0.103893884	-0.081503091	0.535869556
CDKN3	Itraconazole	-0.210609913	0.106260005	-0.211793449	0.104264402
CDKN3	Okadaic acid	-0.210026123	0.107255154	-0.210270231	0.106838168
CDKN3	Hydrastinine HCl	-0.208323495	0.110198591	-0.16368973	0.211404706
CDKN3	Astex FGF inhibitor	-0.202106376	0.121476413	-0.154645035	0.238083739
CDKN3	Calusterone	-0.199599856	0.126264078	-0.084505869	0.52089932
CDKN3	uridin	-0.199115878	0.127204778	-0.118263795	0.368141075
CDKN3	Hydroxychloroquine Sulfate	-0.185057074	0.156906835	-0.010719452	0.935212803
CDKN3	Mebendazole	-0.17986801	0.169073089	-0.168342763	0.198531946
CDKN3	Elesclomol	-0.179798454	0.169240722	-0.185129697	0.156741276
CDKN3	LY-2606368	-0.178899981	0.171416981	-0.197392913	0.130596807
CDKN3	Everolimus	-0.176564269	0.17716981	-0.208661395	0.109609554
CDKN3	salinomycin	-0.173615839	0.184630082	-0.243315328	0.06102333
CDKN3	cinchonidine	-0.172373168	0.187841242	-0.082513593	0.53080828
CDKN3	VE-821	-0.169664369	0.194979681	-0.110183907	0.401984041
CDKN3	TESTOLACTONE	-0.168793938	0.197314118	0.050684331	0.700542856
CDKN3	SR16157	-0.168371324	0.198454694	-0.107036486	0.415643592
CDKN3	Sunitinib	-0.167752692	0.200132751	-0.045451191	0.730217899

CDKN3	ETHINYL ESTRADIOL	-0.162824631	0.213861366	-0.179992186	0.168774124
CDKN3	Arsenic trioxide	-0.162575196	0.214573408	-0.062079078	0.637496519
CDKN3	DOLASTATIN 10	-0.160666899	0.220075975	-0.161590635	0.217400197
CDKN3	Vandetanib	-0.158781766	0.225607809	-0.070489966	0.592516067
CDKN3	BMS-599626	-0.15845051	0.226589765	-0.065395808	0.61959118
CDKN3	Selumetinib	-0.153711461	0.240963654	0.025703343	0.845438994
CDKN3	Pazopanib	-0.15240768	0.245025435	-0.041916961	0.75048717
CDKN3	Paclitaxel	-0.151721455	0.247181975	-0.096285535	0.464267272
CDKN3	PI-103	-0.15083015	0.25000228	-0.094149625	0.474281338
CDKN3	WORTMANNIN	-0.148936466	0.256066784	-0.127884368	0.330177798
CDKN3	Masoprocol	-0.148702915	0.256821562	0.033210788	0.801112473
CDKN3	Ixabepilone	-0.148547453	0.257324813	-0.151466931	0.247985128
CDKN3	Dabrafenib	-0.147273638	0.261473394	-0.198071985	0.12925184
CDKN3	MK-8033	-0.146650551	0.263518981	-0.114092805	0.385390207
CDKN3	Dovitinib	-0.145159498	0.268457648	-0.08992313	0.49443288
CDKN3	AZD-8055	-0.143991491	0.272369293	-0.161478699	0.217723224
CDKN3	Cediranib	-0.143240202	0.274905329	-0.12990114	0.322544372
CDKN3	O-6- Benzylguanine	-0.143129055	0.275281842	-0.185753825	0.155323779
CDKN3	KX-01	-0.141348455	0.281360415	-0.045329044	0.730915466
CDKN3	Vertex ATR inhibitor Cpd 45	-0.140302614	0.284971725	-0.051533972	0.695765242
CDKN3	Rapamycin	-0.139547975	0.287596387	-0.193477113	0.138559502
CDKN3	HYPOTHEMYCIN	-0.138079558	0.292748978	-0.033061062	0.801990931
CDKN3	Homoharringtonin e	-0.137486454	0.294847153	-0.179082859	0.170972373
CDKN3	Zoledronate	-0.137385185	0.295206383	-0.177795123	0.174121021
CDKN3	Noscapine	-0.135996309	0.30016191	-0.040008418	0.761504069
CDKN3	4SC-202	-0.135693544	0.301249307	-0.161947609	0.216372285
CDKN3	Pimozide	-0.135382222	0.302370099	-0.123106905	0.348710493
CDKN3	Gefitinib	-0.134791186	0.304505311	-0.076095269	0.563351198
CDKN3	Tipifarnib	-0.134029931	0.307269796	-0.14618702	0.265047702
CDKN3	Pipamperone	-0.132377459	0.313326232	-0.112632977	0.391539106
CDKN3	Vinorelbine	-0.131894428	0.315110934	-0.099322263	0.450229327
CDKN3	RAPAMYCIN	-0.131227871	0.317584381	-0.219822765	0.091481789
CDKN3	JNJ-28312141	-0.129744902	0.323131693	-0.046894441	0.721992265
CDKN3	CT-32228	-0.129366648	0.324556405	-0.111828693	0.394951435
CDKN3	XR-5944	-0.129282704	0.324873122	-0.154696591	0.237925389
CDKN3	Deforolimus	-0.129213555	0.325134165	-0.104602189	0.426388877
CDKN3	Avagacestat	-0.128517699	0.327768488	-0.193982533	0.137511743
CDKN3	Dexamethasone Decadron	-0.127711059	0.330839036	0.139807667	0.286691383

CDKN3	Abiraterone	-0.126898123	0.333951825	-0.152484071	0.244786165
CDKN3	Masitinib	-0.124381705	0.34370349	-0.144466601	0.270773597
CDKN3	Cabozantinib	-0.12145209	0.355277005	-0.087645735	0.505473222
CDKN3	Acetylcysteine	-0.120956986	0.357256312	-0.148250806	0.258286941
CDKN3	PF-03084014 diastereomer 1	-0.120786907	0.357937803	-0.154442868	0.238705373
CDKN3	Nandrolone phenpropionate	-0.120162849	0.360445167	-0.096491536	0.463307551
CDKN3	Pluripotin	-0.118799501	0.365960109	-0.038817997	0.768399749
CDKN3	Indibulin	-0.116429316	0.375669103	-0.139714752	0.287014968
CDKN3	MK-2206	-0.115237659	0.380608452	-0.086973526	0.508755939
CDKN3	Nilotinib	-0.114124545	0.385257155	-0.123256807	0.348119399
CDKN3	Intedanib	-0.112727323	0.391139968	-0.096723152	0.462229782
CDKN3	Selaciclib	-0.112316777	0.392878561	-0.222614954	0.087336146
CDKN3	Tanespimycin	-0.112216542	0.393303729	-0.067436096	0.608684015
CDKN3	Raloxifene	-0.11012157	0.402252007	-0.045473646	0.730089688
CDKN3	Imatinib	-0.108464875	0.409411713	-0.186275999	0.154145134
CDKN3	AMG-458	-0.105894939	0.420663	-0.084686952	0.520003292
CDKN3	Ezatiostat	-0.105662477	0.42168937	-0.145319778	0.267923818
CDKN3	STREPTOZOCIN	-0.102543508	0.435597988	-0.007284397	0.955948493
CDKN3	Erlotinib	-0.100786395	0.44354568	-0.082408552	0.531333295
CDKN3	SGX-523	-0.099548829	0.449191455	-0.012229503	0.926110102
CDKN3	auranofin	-0.099313641	0.450268848	-0.03479095	0.791856645
CDKN3	Alvespimycin	-0.099206085	0.450762041	0.072986438	0.579443481
CDKN3	PF-477736	-0.098927361	0.452041489	-0.048325391	0.713867517
CDKN3	Neratinib	-0.09717263	0.460142135	-0.04548072	0.730049296
CDKN3	Depsipeptide	-0.09699564	0.46096357	-0.052813974	0.68858987
CDKN3	Adavosertib	-0.093528578	0.477214608	-0.066519332	0.61357465
CDKN3	OSI-027	-0.09317124	0.478906723	-0.129319434	0.324734518
CDKN3	Buparlisib	-0.092614205	0.481550824	-0.059432044	0.651936494
CDKN3	AEG-40730	-0.092016024	0.484398823	0.033222539	0.801043539
CDKN3	Tamoxifen	-0.08992386	0.494429362	-0.112371088	0.392648301
CDKN3	Sonolisib	-0.089666287	0.495671687	-0.101570644	0.439988481
CDKN3	ARRY-162	-0.088373574	0.501931119	0.057530676	0.662388154
CDKN3	Axitinib	-0.087065265	0.508307294	-0.177560913	0.174698192
CDKN3	Cortivazol	-0.085761531	0.514702074	-0.015929868	0.903846151
CDKN3	MI-219	-0.084881672	0.519040648	-0.098287287	0.454987232
CDKN3	Amiodarone hydrochloride	-0.084804868	0.519420239	-0.06075353	0.644711268
CDKN3	Estramustine	-0.082885286	0.52895255	-0.160735792	0.219875623
CDKN3	Fluphenazine	-0.08042749	0.541282774	-0.102695607	0.434913804
CDKN3	Salinomycin	-0.08005335	0.543171931	-0.13963416	0.287295832
CDKN3	HPI-1	-0.079696553	0.544976496	-0.126046885	0.337230921

CDKN3	AZACITIDINE	-0.078831833	0.549361963	-0.008029586	0.951447222
CDKN3	Megestrol acetate	-0.077525001	0.556021607	-0.18815059	0.149968353
CDKN3	1,9-Pyrazoleanthrone	-0.076052072	0.563573355	-0.036744923	0.780450734
CDKN3	leflunomide	-0.0758998	0.564356794	-0.093858972	0.475652921
CDKN3	PF-04217903	-0.074773211	0.570168903	0.065767618	0.617597346
CDKN3	LY-294002	-0.073382514	0.577381635	-0.161149981	0.218673778
CDKN3	Ponatinib	-0.073247656	0.578083288	-0.015500577	0.906425618
CDKN3	Apitolisib	-0.071833491	0.585464417	-0.046491373	0.724286403
CDKN3	XK-469	-0.067344843	0.60917006	-0.022876866	0.862259652
CDKN3	PF-04691502	-0.066715756	0.612525369	-0.048685534	0.711827596
CDKN3	Ixazomib citrate	-0.064303678	0.625463476	-0.034692918	0.792430055
CDKN3	Ibrutinib	-0.064252565	0.625738881	-0.073772043	0.575357161
CDKN3	(+)-JQ1	-0.062184804	0.636922493	-0.17493927	0.181253943
CDKN3	Quercetin	-0.06157437	0.64023967	-0.124795085	0.342089515
CDKN3	E-7820	-0.061029669	0.643205573	0.013074275	0.921021784
CDKN3	RO-4987655	-0.060510914	0.646035351	0.086464606	0.511248462
CDKN3	Saracatinib	-0.060106709	0.648243738	-0.068229483	0.604465253
CDKN3	Lenvatinib	-0.059175877	0.653340804	-0.098789609	0.452674562
CDKN3	Curcumin	-0.059159431	0.653431007	-0.059775658	0.650054688
CDKN3	Quisinosat	-0.057925522	0.66021236	-0.072612262	0.581394405
CDKN3	Ispinesib	-0.057621936	0.661885023	-0.000646136	0.996090649
CDKN3	COLCHICINE	-0.057475236	0.662693877	-0.064821316	0.622677264
CDKN3	EMD-534085	-0.055715338	0.672427065	-0.034712088	0.792317914
CDKN3	rifa	-0.055098412	0.675851798	-0.035841338	0.785719662
CDKN3	Raltitrexed	-0.054673275	0.678215668	-0.110254945	0.401678805
CDKN3	tepotinib	-0.054498716	0.679187154	0.014371319	0.913215485
CDKN3	AMG-900	-0.054086176	0.681485156	-0.012033144	0.927293261
CDKN3	Azacitidine	-0.054016505	0.681873535	-0.031033516	0.81391031
CDKN3	Lapachone	-0.053935394	0.682325788	-0.014180502	0.914363431
CDKN3	TAK-733	-0.052734181	0.689036377	0.080763265	0.539590054
CDKN3	Carboplatin	-0.051360442	0.696740072	-0.002117358	0.987189731
CDKN3	Tivantinib	-0.050377204	0.702272718	0.066729496	0.612452002
CDKN3	Vinblastine	-0.048125148	0.715002597	-0.071044644	0.589600178
CDKN3	PD-0325901	-0.046085964	0.726596295	0.093538621	0.477167097
CDKN3	Entinostat	-0.043069314	0.743859065	-0.10228748	0.436751038
CDKN3	BP-1-102	-0.041349989	0.753754909	0.032147147	0.807358202
CDKN3	PD-98059	-0.041079112	0.755317626	0.029523167	0.822816749
CDKN3	6-(4-pyrimidinyl)-1H-indazole derivative	-0.040404602	0.759213174	-0.076642343	0.560541246
CDKN3	MK-0752	-0.039251832	0.765884597	-0.070348166	0.593262531
CDKN3	florid	-0.038597808	0.769677201	-0.10377436	0.430078647

CDKN3	ciclosporin	-0.038124349	0.772426085	-0.104209113	0.428138634
CDKN3	Haloperidol	-0.036434379	0.782260468	0.112609496	0.391638482
CDKN3	geldanamycin analog	-0.036059336	0.784447602	-0.019931651	0.879851773
CDKN3	Tandutinib	-0.035567411	0.787318871	-0.07173123	0.585999812
CDKN3	Karenitecin	-0.033333308	0.800393823	-0.029871608	0.820759995
CDKN3	Clotrimazole	-0.032205627	0.807014493	-0.067655726	0.607514873
CDKN3	ICG-001	-0.031760146	0.80963368	0.006189822	0.962562651
CDKN3	Benzimate	-0.029872313	0.820755832	-0.053853505	0.682782492
CDKN3	Bortezomib	-0.027761182	0.833235156	-0.08715558	0.507865813
CDKN3	pentamidine isethionate	-0.02717648	0.83669883	-0.118223918	0.368303737
CDKN3	Silmitasertib	-0.026842281	0.838679965	-0.135004134	0.303734882
CDKN3	Nelfinavir	-0.024205539	0.854344531	-0.190592904	0.144653491
CDKN3	AZD-5363	-0.02403579	0.855354977	-0.071822415	0.585522396
CDKN3	TRIMETREXATE GLUCURONATE	-0.023649729	0.857653894	-0.081254028	0.537120659
CDKN3	VINOELBINE	-0.022408722	0.865051717	-0.039926332	0.761978978
CDKN3	Eribulin mesilate	-0.021423808	0.870931176	-0.11876091	0.366116957
CDKN3	AZD-7762	-0.02134104	0.871425582	-0.069982902	0.595187281
CDKN3	Pimasertib	-0.02026661	0.877847946	0.108622504	0.408727327
CDKN3	Cpd-401	-0.019973044	0.879604107	-0.125853713	0.337977844
CDKN3	Amuno	-0.019915659	0.879947462	-0.11465021	0.383057621
CDKN3	tfdu	-0.018465447	0.888631718	-0.034993648	0.790671377
CDKN3	Vismodegib	-0.017117055	0.896717962	-0.047090381	0.720877916
CDKN3	Vincristine	-0.016734421	0.899014541	-0.064262407	0.625685849
CDKN3	Imiquimod	-0.014946999	0.909753306	-0.167360615	0.201201481
CDKN3	Cyclophosphamide	-0.014940706	0.909791143	0.070366341	0.593166831
CDKN3	Luminespib	-0.01353511	0.918247346	0.032501449	0.805276385
CDKN3	Alectinib	-0.011865231	0.928305142	-0.131452536	0.316749318
CDKN3	GSK-2126458	-0.009502746	0.94255326	0.007872363	0.9523968
CDKN3	DACARBAZINE	-0.00844773	0.948922103	-0.034875599	0.791361609
CDKN3	Isotretinoin	-0.007170352	0.956637503	-0.215340302	0.098457281
CDKN3	Tivozanib	-0.007058693	0.957312124	-0.064906918	0.622217012
CDKN3	Actinomycin D	-0.006446772	0.961009743	-0.085508188	0.515949422
CDKN3	melbex	-0.006279871	0.962018415	0.024651068	0.851693598
CDKN3	Colchicine	-0.002473975	0.985032383	-0.142568542	0.277185821
CDKN3	Rigosertib	-0.001333926	0.991929382	-0.00894534	0.945917747
CDKN3	ARSENIC TRIOXIDE	-5.56E-05	0.999663737	-0.02608744	0.843158307
CDKN3	RO-5126766	0.001000431	0.993947077	0.08614785	0.512802957
CDKN3	BMS-536924	0.001750608	0.989408471	0.046826014	0.722381559

CDKN3	6- MERCAPTOPYRIMIDINE	0.00183397	0.988904144	0.058190508	0.658753726
CDKN3	AT-9283	0.001917252	0.988400304	-0.043335383	0.742331293
CDKN3	TAK-960 analog	0.003417901	0.979322677	0.033286822	0.800666469
CDKN3	CCT-128930	0.003612165	0.978147716	-0.076944373	0.558992753
CDKN3	Dasatinib	0.004612585	0.972097681	0.03905369	0.767033028
CDKN3	Zalcitabine	0.005312934	0.967863234	0.120230797	0.360171645
CDKN3	Trametinib	0.005452786	0.967017761	0.077605013	0.555612765
CDKN3	Dromostanolone Propionate	0.005530389	0.966548627	-0.10770164	0.412734849
CDKN3	Alvocidib	0.006335357	0.961683077	0.030165526	0.819026008
CDKN3	XL-147	0.009113896	0.944900246	-0.247867951	0.056197189
CDKN3	PENTAMIDINE ISETHIONATE	0.009448513	0.942880567	-0.090622577	0.491067494
CDKN3	aloin	0.009856113	0.94042086	0.007513577	0.954563996
CDKN3	6-THIOGUANINE	0.011060471	0.933156348	0.104531965	0.426701181
CDKN3	Amuvatinib	0.012855107	0.922341599	-0.088202042	0.502764746
CDKN3	Mocetinostat	0.013643058	0.91759759	-0.011370151	0.931289258
CDKN3	SB-1317	0.014310525	0.913581201	0.043164719	0.743311134
CDKN3	AZD-1480	0.014533834	0.912237944	-0.058580989	0.656606597
CDKN3	Sepantronium bromide	0.016415426	0.900929786	0.026636856	0.839898216
CDKN3	Mithramycin	0.016671529	0.899392097	-0.109129735	0.406529577
CDKN3	Artemether	0.016700101	0.899220569	0.024125971	0.854818137
CDKN3	Teglarinad	0.01732674	0.895459779	0.015221063	0.908105648
CDKN3	Sonidegib	0.018672113	0.887393327	-0.012527576	0.924314371
CDKN3	JZL-195	0.019582248	0.881942812	-0.097306845	0.459519756
CDKN3	(-)-Nutlin-3	0.020095056	0.87887414	-0.05760613	0.661972154
CDKN3	ITRI-260	0.021618317	0.869769489	0.001873653	0.98866407
CDKN3	PENTOSTATIN	0.023006035	0.861489571	-0.045817774	0.728125693
CDKN3	Veliparib	0.026700648	0.839519864	-0.044023453	0.738384974
CDKN3	Ergosterol	0.027407021	0.835332777	0.074304565	0.572594818
CDKN3	Staurosporine	0.027955705	0.83208353	0.088345102	0.502069439
CDKN3	DMAPT	0.031512255	0.811092043	0.020914548	0.873973957
CDKN3	ENMD-2076 Precursor	0.031926422	0.808655822	0.058958038	0.654535944
CDKN3	Acetalax	0.031957316	0.808474166	0.002854276	0.982731878
CDKN3	PF-562271	0.03362372	0.798691036	0.011840473	0.92845435
CDKN3	sr 13654	0.033872873	0.797230913	-0.014987023	0.909512661
CDKN3	KW-2449	0.034428621	0.793976521	0.075999072	0.563845982
CDKN3	nitazoxanide	0.03510186	0.790038798	-0.112442152	0.392347134
CDKN3	Idelalisib	0.036429822	0.78228703	-0.032354631	0.806138901

CDKN3	XR-11576	0.041237114	0.754405978	0.012155604	0.926555358
CDKN3	Volasertib	0.0416186	0.752206228	0.090280551	0.492711654
CDKN3	Oxaliplatin	0.041820077	0.751045254	0.057486985	0.662629086
CDKN3	BMS-777607	0.042156454	0.749108154	0.085994603	0.513555881
CDKN3	Daporinad	0.042419212	0.747596082	0.01149381	0.930543809
CDKN3	Mitotane	0.043321199	0.742412708	-0.124008945	0.345162923
CDKN3	Artesunate	0.043382804	0.742059105	-0.053565775	0.684388098
CDKN3	Triapine	0.043873908	0.739242102	0.002472569	0.985040886
CDKN3	Pictilisib	0.044264755	0.737002609	0.022226	0.866141938
CDKN3	BMS-690514	0.045074337	0.732370764	0.024091974	0.855020508
CDKN3	Kahalide F	0.04562949	0.729200045	0.023289662	0.859799079
CDKN3	Dinaciclib	0.045760273	0.728453738	-0.039763482	0.762921406
CDKN3	XAV-939	0.048420234	0.713330115	0.039733267	0.763096305
CDKN3	Abexinostat	0.048905191	0.710584405	0.049507804	0.707177643
CDKN3	Irofulven	0.051548541	0.695683423	0.209434271	0.108271367
CDKN3	Epirubicin	0.053125868	0.686124535	-0.103062083	0.433267779
CDKN3	Carmustine	0.053272938	0.686023625	0.051952526	0.693415978
CDKN3	Mifepristone	0.053463008	0.684961896	-0.000818619	0.995047083
CDKN3	Nitazoxanide	0.054405513	0.679706077	0.020518731	0.876340182
CDKN3	TAK Plk inhibitor	0.055296978	0.674748781	0.062718295	0.634029223
CDKN3	BI-2536	0.055517415	0.673525074	0.036929927	0.779373153
CDKN3	Des-fluoro-TAK-960	0.058613133	0.656429968	0.061277854	0.641853511
CDKN3	CYC-116	0.058768773	0.655575012	0.068925614	0.600774205
CDKN3	IWR-1	0.061594912	0.640127928	-0.02776445	0.833215804
CDKN3	By-Product of CUDC-305	0.062381905	0.635852927	0.085448134	0.516245326
CDKN3	Fulvestrant	0.062633129	0.634490735	0.008728073	0.947229423
CDKN3	8-Chloro-adenosine	0.062797838	0.633598302	0.101362263	0.440932098
CDKN3	Amphotericin B	0.064880034	0.62236154	0.011537159	0.930282502
CDKN3	badil	0.064937411	0.622053099	0.011669168	0.929486805
CDKN3	ABT-737	0.065165136	0.620829534	0.072747479	0.580689047
CDKN3	Cisplatin	0.06585437	0.617132529	-0.016510009	0.900361852
CDKN3	Crenolanib	0.068943478	0.600679615	-0.01087387	0.934281561
CDKN3	Elliptinium Acetate	0.068967434	0.600552784	-0.025148571	0.84873534
CDKN3	ARTENIMOL	0.06966211	0.59687997	-0.002257708	0.986340675
CDKN3	Cordycepin	0.069792714	0.596190566	0.057194735	0.664241544
CDKN3	AT-13387	0.070492783	0.592501246	0.129669779	0.32341433
CDKN3	FENRETINIDE	0.070691212	0.591457391	0.111472712	0.396467328
CDKN3	METHOTREXATE	0.072101625	0.584061641	0.029027445	0.825744901

CDKN3 Afatinib	0.072266389	0.583200415	0.017957148	0.891678682
CDKN3 ONX-0914	0.0725858	0.581532487	-0.005992851	0.963753164
CDKN3 Y-27632	0.073124441	0.578724697	0.064520776	0.624294299
CDKN3 Voreloxin	0.07453002	0.571427172	-0.028696969	0.827698287
CDKN3 PX-316	0.074761564	0.570229134	0.232425428	0.07392968
CDKN3 Fludarabine	0.075410884	0.566875717	0.10873515	0.408238657
CDKN3 AR-67	0.075591537	0.565944372	-0.097772563	0.457363705
CDKN3 TYROTHRICIN	0.075751682	0.565119355	0.031379616	0.811872631
CDKN3 OSU-03012	0.077418997	0.556563483	-0.023748828	0.857063664
CDKN3 Barasertib	0.077957115	0.553815303	0.04762316	0.717850808
CDKN3 Panobinostat	0.079011428	0.548449745	0.062569136	0.634837606
CDKN3 ZM-336372	0.082222994	0.53226137	0.148555852	0.257297607
CDKN3 PKI-587	0.082692676	0.52991378	-0.000287464	0.998260738
CDKN3 LOR-253	0.082811133	0.529322513	0.136593328	0.298025161
CDKN3 Quizartinib	0.083084405	0.527959748	-0.084925059	0.518826281
CDKN3 1st Precursor Intermediate to TDP 665759	0.083250593	0.52713184	0.166523435	0.203497034
CDKN3 artesunate	0.084613889	0.520364727	0.025802383	0.844850794
CDKN3 Amonafide	0.086403115	0.511550045	0.001096762	0.993364256
CDKN3 Docetaxel	0.086852936	0.509345989	0.022260629	0.865935304
CDKN3 Bleomycin	0.087502605	0.506171281	-0.05190403	0.693688027
CDKN3 OUABAIN	0.087556964	0.505906111	0.02064392	0.875591677
CDKN3 CH-5132799	0.088560989	0.501021124	0.080839043	0.539208398
CDKN3 Lificquat	0.089030914	0.49874314	0.019685965	0.881322019
CDKN3 Pevonedistat	0.090113371	0.493516349	0.014640042	0.91159916
CDKN3 Imexon	0.090205506	0.493072786	0.069750692	0.596412345
CDKN3 tic10	0.090263595	0.492793239	0.065873001	0.617032724
CDKN3 JNJ-38877605	0.09039501	0.492161118	0.094975428	0.470395979
CDKN3 BN-2629	0.090754995	0.490431719	-0.021749257	0.868987618
CDKN3 Lomustine	0.092174735	0.483642317	0.06077602	0.644588585
CDKN3 Belinostat	0.093195143	0.478793436	0.07847253	0.551189151
CDKN3 AFP464	0.095428652	0.468270882	0.04791867	0.716173661
CDKN3 GSK-461364	0.095529598	0.467798267	0.019785578	0.880725865
CDKN3 Rebimastat	0.095623724	0.467357812	-0.028140263	0.830991218
CDKN3 Epothilone B	0.096915356	0.46133644	-0.028695893	0.827704649
CDKN3 Gemcitabine	0.098700938	0.45308233	0.008917298	0.946087032
CDKN3 SNS-314	0.09876063	0.452807806	0.054115126	0.681323799
CDKN3 Bendamustine	0.100738174	0.443764926	0.049797768	0.705540418
CDKN3 Pracinostat	0.102117373	0.437518082	0.104989345	0.42466945
CDKN3 Valrubicin	0.102839836	0.434265584	-0.024188673	0.854444917
CDKN3 Celecoxib	0.104024237	0.428963007	-0.106984627	0.415870866
CDKN3 Copanlisib	0.108307863	0.409097569	0.070891669	0.590403712

CDKN3	Vorinostat	0.10930966	0.405751643	0.084480161	0.521026591
CDKN3	6-Thioguanine	0.111520239	0.396264741	0.182394579	0.163065953
CDKN3	Sapitinib	0.112005118	0.394201424	0.057933911	0.660166163
CDKN3	Etoposide	0.112978966	0.390076558	-0.020263432	0.877866959
CDKN3	6-Mercaptopurine	0.114099928	0.385360343	0.127826729	0.33039762
CDKN3	Palbociclib	0.114351615	0.384306111	0.137713945	0.294041222
CDKN3	Simvastatin	0.115394768	0.379955031	0.136148103	0.299617695
CDKN3	BX-912	0.115397974	0.379941702	0.060762754	0.644660952
CDKN3	Floxuridine	0.116519154	0.375298297	-0.075201825	0.567954397
CDKN3	Camptothecin	0.116710434	0.374509532	0.03525302	0.789155392
CDKN3	brigatinib	0.117073307	0.373015921	-0.059099397	0.653760304
CDKN3	Obatoclox	0.117313624	0.372028741	0.219558512	0.091881976
CDKN3	Parthenolide	0.11762581	0.370748693	0.09962323	0.448850918
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CDKN3	Hydroxystaurosporine	0.118653959	0.366551862	0.015562815	0.906051591
CDKN3	Ribavirin	0.12106529	0.356822764	0.266550183	0.039526485
CDKN3	malacid	0.121205385	0.356262428	0.122094307	0.352719641
CDKN3	Crizotinib	0.122429699	0.3513886	0.00406394	0.975415432
CDKN3	CUDC-305	0.123207736	0.348312826	0.105541337	0.422224799
CDKN3	Linsitinib	0.125475922	0.33944161	0.146561309	0.26381284
CDKN3	Mitomycin	0.125868297	0.337002939	0.002567453	0.984466906
CDKN3	Allopurinol	0.1276105	0.331223089	0.171102328	0.191166507
CDKN3	aclarubicin	0.127792598	0.330527832	0.119230795	0.364209943
CDKN3	Varbulin	0.128344881	0.328424813	0.02697056	0.837919408
CDKN3	5-Fluoro deoxyuridine 10mer	0.128592012	0.327486518	-0.068870662	0.601065215
CDKN3	benzaldehyde (BEN)	0.128714935	0.327020439	0.056037647	0.670640457
CDKN3	Lovastatin	0.130234238	0.321294482	0.149378953	0.254640893
CDKN3	ENMD-2076	0.131132509	0.317939262	0.191126588	0.143511058
CDKN3	Midostaurin	0.131995777	0.314735931	0.128228761	0.32886628
CDKN3	Carfilzomib	0.13208282	0.31441409	0.02603673	0.843459339
CDKN3	IDOXURIDINE	0.132492415	0.31290245	0.037468333	0.776239484
CDKN3	pralatrexate	0.132940276	0.311254933	0.092438292	0.482387441
CDKN3	Teniposide	0.134791186	0.304505311	-0.030549331	0.816763029
CDKN3	3-Bromopyruvate (acid)	0.134983355	0.303810005	0.150208301	0.251982873
CDKN3	Cytarabine	0.13520798	0.302998564	0.093124982	0.479126003
CDKN3	IDEBENONE	0.135989775	0.300185352	0.054351712	0.680005688
CDKN3	Asparaginase	0.136660461	0.297785509	0.11402637	0.385668782
CDKN3	Pyrazoloacridine	0.13976687	0.286833432	0.149523651	0.25417578
CDKN3	TAK-901	0.139991108	0.286053234	0.047273031	0.719839661

CDKN3	SB-590885	0.141445861	0.281025618	0.003882549	0.976512431
CDKN3	Bisacodyl, active ingredient of Viraplex	0.141504865	0.280822941	0.015592431	0.905873616
CDKN3	Acrichine	0.142505803	0.277399479	0.091138533	0.488592683
CDKN3	MONENSIN SODIUM	0.142585209	0.27712908	0.077278261	0.557283291
CDKN3	Doxorubicin	0.144958946	0.269126607	-0.046616561	0.723573613
CDKN3	Perifosine	0.145137761	0.268530101	0.089439879	0.496765034
CDKN3	M-AMSA	0.145375735	0.267737616	0.038393297	0.770864236
CDKN3	Pipobroman	0.149260785	0.255021157	0.075035943	0.568810981
CDKN3	Cyclobenzaprine Hydrochloride	0.152650375	0.244265826	0.102026246	0.437929298
CDKN3	Buthionine sulphoximine	0.15305979	0.242988051	0.064467277	0.624582332
CDKN3	Idarubicin	0.153863255	0.240493778	0.071991394	0.584638147
CDKN3	RH1	0.155395925	0.235784613	0.050733878	0.700263934
CDKN3	Methylprednisolone	0.155735091	0.234751161	0.196987575	0.131404641
CDKN3	Batracylin	0.157114474	0.230580341	0.150864121	0.249894387
CDKN3	Econazole nitrate	0.158200412	0.227333101	0.039497464	0.764461616
CDKN3	AS-703569	0.162243285	0.215523465	0.185925748	0.154934983
CDKN3	Cladribine	0.164367194	0.209494803	0.099490328	0.449459314
CDKN3	Nitrogen mustard	0.165305102	0.206870792	0.077026407	0.558572521
CDKN3	Ifosfamide	0.165918722	0.205166672	0.223102919	0.08662705
CDKN3	Pemetrexed	0.167622723	0.200486576	0.09055513	0.491391495
CDKN3	Fenretinide	0.167852381	0.199861662	0.085433733	0.516316296
CDKN3	Foretinib	0.172870383	0.186551617	0.088944007	0.49916402
CDKN3	7-Ethyl-10-hydroxycamptothecin	0.173547729	0.184805053	0.076283368	0.562384315
CDKN3	Thiotepa	0.178617576	0.17210521	0.101299198	0.4412179
CDKN3	KHK-Indazole	0.184425148	0.158352875	0.143036127	0.275596904
CDKN3	Fostamatinib	0.18744356	0.151533701	0.118070962	0.368928061
CDKN3	Melphalan	0.187832562	0.150670966	0.10178956	0.438998369
CDKN3	Navitoclax	0.189745532	0.146481343	0.071902723	0.585102079
CDKN3	Topotecan	0.190715706	0.144390015	0.060430999	0.64647173
CDKN3	AMINOFLAVONE	0.192621417	0.140347032	0.125466942	0.339476451
CDKN3	DIGOXIN	0.196926754	0.131526183	0.078664728	0.550211391
CDKN3	Ancitabine hydrochloride	0.197526749	0.130330899	0.169970303	0.194163892
CDKN3	LMP-400	0.201606181	0.122420611	0.089915931	0.494467581
CDKN3	Irinotecan	0.204315268	0.117372975	0.085524254	0.515870277
CDKN3	Mitoxantrone	0.206729834	0.113009591	0.08967684	0.495620757

CDKN3	Alisertib	0.206878348	0.112745331	0.132251616	0.313790572
CDKN3	Daunorubicin	0.208205399	0.110405033	0.082560737	0.530572729
CDKN3	TRICIRIBINE PHOSPHATE	0.209365015	0.108390764	0.168332541	0.198559598
CDKN3	Fluvastatin	0.209711706	0.10779409	0.203955675	0.118033668
CDKN3	DECITABINE	0.211557443	0.104660008	0.00685153	0.958563838
CDKN3	Econazole Nitrate	0.213382611	0.101630602	0.155901702	0.23424464
CDKN3	LMP776	0.219796536	0.091521448	0.143276617	0.274782045
CDKN3	Triethylenemelamine	0.220835882	0.089960138	0.104932248	0.424922783
CDKN3	PYRAZOLOACRIDINE	0.223577632	0.085941563	0.245809975	0.058339013
CDKN3	MITOXANTRONE	0.224259088	0.084965006	0.057450384	0.662830944
CDKN3	ST-3595	0.224682885	0.084362109	0.227083739	0.081010021
CDKN3	ANCITABINE HYDROCHLORIDE	0.224691056	0.084350518	0.161201523	0.218524542
CDKN3	Chelerythrine	0.225357225	0.083409742	0.383122946	0.002515842
CDKN3	Chlorambucil	0.225899683	0.082649802	0.131010136	0.318395028
CDKN3	AMONAFIDE	0.226797822	0.081403608	0.277366342	0.031907538
CDKN3	Clofarabine	0.231400825	0.075248155	0.141102611	0.282206588
CDKN3	SCH-1473759	0.237061121	0.068192566	0.279266094	0.030705052
CDKN3	Dexrazoxane	0.238911742	0.066004258	0.249451295	0.054593107
CDKN3	Hydroxyurea	0.241545091	0.06298792	0.194057605	0.137356625
CDKN3	Uracil mustard	0.243998	0.060279042	0.155273767	0.236157599
CDKN3	DAUNORUBICIN	0.247964432	0.056098364	0.047263847	0.719891857
CDKN3	Ofloxacin	0.252350555	0.05175235	0.064784357	0.622876025
CDKN3	CAMPTOTHECIN	0.252650301	0.051465653	0.077455545	0.556376624
CDKN3	TAE-684	0.28663925	0.026390915	0.106582444	0.417635883
CDKN3	Nelarabine	0.299511224	0.020080024	0.206510725	0.113400334
CDKN3	BMS-754807	0.311362438	0.015452457	0.266999448	0.039182519
CDKN3	Procarbazine	0.31798925	0.013288031	0.131011652	0.318389381