

Table S12. Predicted mean IC50 values for anticancer drugs between high- and low-risk groups in net
, "drug", "mean_IC50", "pvalue", "sig"

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1, "ABT737", 11.178147212757, 0.423358015830386, ""
2, "Acetalax", 155.855145939948, 0.131746618628901, ""
3, "Afatinib", 6.85041587201738, 0.0581720883753972, ""
4, "Afuresertib", 14.2537152061494, 0.547575954769415, ""
5, "AGI.5198", 107.059497615378, 0.0591762795517344, ""
6, "AGI.6780", 64.6481315242088, 0.0128363399990423, "*"
7, "Alisertib", 11.6921892701123, 0.0666155262182123, ""
8, "Alpelisib", 48.3502253130004, 0.967020056328323, ""
9, "AMG.319", 138.593775510821, 0.809897252233456, ""
10, "AT13148", 50.5645681646969, 0.315580932044784, ""
11, "Axitinib", 22.1876546759216, 0.102039272801352, ""
12, "AZ6102", 12.4187349073572, 0.985005727928206, ""
13, "AZ960", 9.01161522684837, 0.369006464213662, ""
14, "AZD1208", 212.030644185057, 0.251624717654361, ""
15, "AZD1332", 52.6084220628102, 0.804075573215964, ""
16, "AZD2014", 9.0403142527897, 0.622441297306176, ""
17, "AZD3759", 15.2034826586178, 0.665557029006994, ""
18, "AZD4547", 19.5376868703128, 0.00423117747754941, "***"
19, "AZD5153", 6.12021072291728, 0.272401672880845, ""
20, "AZD5363", 22.1489673550625, 0.389376472404805, ""
21, "AZD5438", 10.714606903852, 0.165450731016056, ""
22, "AZD5582", 12.592397845639, 0.0804971987009241, ""
23, "AZD5991", 101.071755448415, 0.226159816428299, ""
24, "AZD6482", 24.7047713749914, 0.000207370266474311, "***"
25, "AZD6738", 12.0219897569692, 0.00909248266785552, "***"
26, "AZD7762", 1.46292503767824, 0.000757649933322486, "***"
27, "AZD8055", 0.820789699268009, 0.177213878485508, ""
28, "AZD8186", 30.203603989645, 0.0298146004950691, "*"
29, "BDP.00009066", 11.5499607721229, 0.0666155262182123, ""
30, "BI.2536", 1.68513041818402, 0.775136001383393, ""
31, "BIBR.1532", 153.586441621583, 0.783787128036475, ""
32, "BMS.345541", 36.3339558441694, 0.243935761336715, ""
33, "BMS.536924", 9.49945846435783, 0.775136001383393, ""
34, "BMS.754807", 1.70438184618753, 3.84709314177518e-06, "***"
35, "Bortezomib", 0.00821348367580336, 0.00273810174172244, "***"
36, "BPD.00008900", 99.6550225292814, 0.0238836673214415, "*"
37, "Buparlisib", 2.88925478137948, 0.045538801786113, "*"
38, "Camptothecin", 0.139187065176726, 0.0132491279530319, "*"
39, "Carmustine", 496.179717889743, 0.349312708767363, ""
40, "CDK9", 0.796260647037549, 0.679269573537379, ""
41, "CDK9re", 0.119595237225926, 0.133683727409678, ""
42, "Cediranib", 9.32568657559209, 0.943066811393625, ""
43, "Cisplatin", 36.9629749183866, 0.00121105020967071, "***"
44, "Crizotinib", 28.2918906152427, 0.160913603879932, ""
45, "Cyclophosphamide", 183.711975186582, 0.328435872104945, ""
46, "Cytarabine", 9.72377422478829, 0.078563131619512, ""
47, "CZC24832", 164.084186683739, 0.253182575837409, ""
48, "Dabrafenib", 106.299085127271, 0.000992494835157497, "***"

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49,"Dactinomycin",0.0966996950101026,0.0287002370015141,"*"
50,"Dactinomycinre",0.0113984079300896,0.00227256190196101,"**"
51,"Dactolisib",0.250946702599842,0.0581720883753972,""
52,"Daporinad",0.0303613203198302,0.477456389487042,""
53,"Dasatinib",7.3894230249737,0.130786257192903,""
54,"Dihydrorotenone",2.61726658297454,0.00176442851969142,"***"
55,"Dinaciclib",0.0713817077930637,0.868641725177334,""
56,"Docetaxel",0.0173313254932595,0.000251231816542426,"****"
57,"Docetaxelre",0.216206487428656,0.0087972749293859,"**"
58,"Doramapimod",91.4161226975076,9.85805872829443e-10,"****"
59,"Eg5",0.0607906105059476,0.0717926636479858,""
60,"Elephantin",41.4544769657055,3.38515729690688e-05,"****"
61,"Entinostat",10.2033549226915,0.0476081430165063,"*"
62,"Entospletinib",45.7080195952005,0.94007582706218,""
63,"Epirubicin",0.459011110681329,0.0107052353900295,"*"
64,"EPZ004777",184.308387729876,0.530195533965935,""
65,"EPZ5676",275.846460185739,0.129831334635063,""
66,"ERK",17.4822200093113,0.847981027067353,""
67,"ERKre",35.4855617124092,0.769383978022799,""
68,"Erlotinib",14.327925622321,0.227604856035292,""
69,"Fludarabine",177.801314077923,0.598734036765862,""
70,"Foretinib",2.92284864032505,0.257896408440052,""
71,"Fulvestrant",19.7383021610149,0.34162561822858,""
72,"Fulvestrantre",102.409996204734,0.00157179842566748,"**"
73,"Gallibiscoquinazole",14.6523853564801,0.00992339388555818,"***"
74,"GDC0810",146.153939231689,0.00566748414910634,"***"
75,"Gefitinib",27.0486331519253,0.46818552540568,""
76,"Gemcitabine",1.54575754001767,0.0225160499888866,"*"
77,"GNE.317",1.85197057494607,0.126065684627147,""
78,"GSK1904529A",81.9843406736455,0.0227391461331478,"*"
79,"GSK2578215A",144.128943812453,0.0132491279530319,"*"
80,"GSK2606414",44.6347076267411,0.315580932044784,""
81,"GSK269962A",17.9898471676953,0.470493852208715,""
82,"GSK343",17.081846652443,0.34162561822858,""
83,"GSK591",105.216694430943,0.0255697662740422,"*"
84,"I.BET.762",30.1557153820234,0.188323526305289,""
85,"I.BRD9",90.1117765271645,0.0330727751455445,"*"
86,"IAP",185.948879883432,0.304829032560568,""
87,"Ibrutinib",100.478180090706,0.732317601011054,""
88,"IGF1R",8.0791193086587,0.203924373442796,""
89,"Ipatasertib",39.4279299610747,0.625100394822109,""
90,"IRAK4",144.07681389542,0.0524400479200161,""
91,"Irinotecan",18.7615770472643,0.021642584291635,"*"
92,"IWP.2",16.8613794582112,0.65738250399855,""
93,"JAK",23.5569857960669,0.545075886638339,""
94,"JAK1",69.7379636537672,0.824496869601448,""
95,"JQ1",11.04638871425,7.32551756869941e-05,"****"
96,"KRAS..G12C..Inhibitor.12",102.924965575704,0.219032808628127,""
97,"KU.55933",84.4316594575171,0.000270310230143498,"****"
98,"Lapatinib",24.0878268372175,0.00504711826640443,"**"

99,"LCL161",146.871069828632,0.196010231542781,""
100,"Leflunomide",156.463879305422,0.00949983944670645,"**"
101,"LGK974",60.3841477635974,0.0649596950366968,""
102,"Linsitinib",53.855651610492,0.41685749412996,""
103,"LJI308",167.660314532405,0.874561940012931,""
104,"Luminespib",0.148821867527459,0.109328625851025,""
105,"LY2109761",183.586930226401,0.224721335697099,""
106,"MG.132",0.207937975384705,0.000768044380839616,"***"
107,"MIM1",54.3155353167453,0.11702367011413,""
108,"MIRA.1",266.380435497247,0.0996973148930215,""
109,"Mirin",129.855106259857,0.000583358413454303,"***"
110,"Mitoxantrone",2.36856540175244,0.520391219368075,""
111,"MK.1775",3.32590832581437,0.0121736083897359,"*"
112,"MK.2206",24.2846614973669,0.69864592434107,""
113,"MK.8776",29.2862641885476,0.00695969635117157,"**"
114,"ML323",96.8276631999318,0.0292528531796069,"*"
115,"MN.64",121.515351634452,0.491549007281372,""
116,"Navitoclax",11.491974809545,0.217626976374868,""
117,"Nelarabine",442.288291237314,0.901285171703817,""
118,"Nilotinib",41.0776259575142,0.216227643663356,""
119,"Niraparib",83.8470852079339,0.472808449032038,""
120,"NU7441",13.7246757055254,1.64815952361966e-06,"***"
121,"Nutlin.3a....",130.967871675859,0.414703804197604,""
122,"NVP.ADW742",18.8056727199496,0.682025047300321,""
123,"Obatoclax.Mesylate",4.23387696578531,0.0929278692126472,""
124,"OF.1",64.3806459650486,0.801168781949313,""
125,"Olaparib",82.7695873156763,0.287455565216724,""
126,"OSI.027",126.383092118254,0.00051455155324543,"***"
127,"Osimertinib",6.37388415313351,0.72666766352166,""
128,"OTX015",13.8856224394106,0.328435872104945,""
129,"Oxaliplatin",59.0734907089072,0.00159220267914865,"**"
130,"Oxaliplatinre",184.527800191578,0.00398703665918078,"***"
131,"P22077",109.842004071351,0.0772948879904394,""
132,"Paclitaxel",0.175582097439361,0.00309522763131069,"**"
133,"PAK",11.469378198096,0.155375160543774,""
134,"Palbociclib",50.8921144916354,0.00111877778519357,"**"
135,"PCI.34051",100.700389673105,0.907239989021221,""
136,"PD0325901",1.96251125830294,0.721032553460091,""
137,"PD173074",64.3718639882043,0.752205068496221,""
138,"Pevonedistat",3.03447703035994,0.0124349730668956,"*"
139,"PF.4708671",50.0964532382009,0.752205068496221,""
140,"PFI3",196.685884277725,0.261072576475229,""
141,"Picolinici.acid",175.202343883833,0.877524704084372,""
142,"Pictilisib",5.41981463503627,0.42118461055101,""
143,"PLX.4720",96.8614100807494,0.979009205285083,""
144,"Podophyllotoxin.bromide",0.657765122529661,0.0102520164785631,"*"
145,"PRIMA.1MET",117.124936145885,0.0154940321329928,"*"
146,"PRT062607",27.7974161632729,0.567778247629828,""
147,"Pyridostatin",34.1120249953997,0.651955425485011,""
148,"Rapamycin",0.135328560698067,0.00909248266785552,"***"

149,"Ribociclib",44.774559958813,0.0694523925929747,""
150,"RO.3306",20.6161293994517,1.58748434174345e-06,"***"
151,"Ruxolitinib",133.507282301179,0.643849328277253,""
152,"RVX.208",120.508537216103,0.214834800122716,""
153,"Sabutoclast",0.766695876815533,0.000844595936951034,"***"
154,"Sapitinib",57.2982057782963,0.00267136098533953,"**"
155,"Savolitinib",14.357078684442,0.596125359442614,""
156,"SB216763",194.401615755628,9.70423951676172e-09,"***"
157,"SB505124",10.8245506700191,0.131746618628901,""
158,"SCH772984",17.1674932777977,0.572884001619526,""
159,"Selumetinib",65.211109791647,0.119681142279645,""
160,"Sepantronium.bromide",0.0188041546884889,4.69149842442794e-06,"***"
161,"Sinularin",38.5804776259281,0.251624717654361,""
162,"Sorafenib",15.9453262474097,0.0169960946266708,"**"
163,"Staurosporine",0.0618340713004454,0.723848237587055,""
164,"TAF1",51.6641177906921,0.311969622612799,""
165,"Talazoparib",31.4194385423665,0.179639494574412,""
166,"Tamoxifen",37.8160561510931,0.00171983590491096,"***"
167,"Taselisib",12.4698491805494,0.654666683694785,""
168,"Telomerase.Inhibitor.IX",2.31523858229726,0.00919283259628162,"**"
169,"Temozolomide",426.849660234108,0.0309659638733297,"**"
170,"Teniposide",2.29490228451033,0.0225160499888866,"**"
171,"Topotecan",1.40367507838831,0.026323327458988,"**"
172,"Tozasertib",20.4285909664308,0.379107294656218,""
173,"Trametinib",2.50497730162195,0.540092813290718,""
174,"Ulixertinib",17.6725728743739,0.865684355868598,""
175,"Ulixertinibre",10.408480465392,0.00719911633744247,"***"
176,"ULK1",12.6272253034161,0.000688466803587527,"***"
177,"UMI.77",17.5697208429976,0.28406267774657,""
178,"Uprosertib",22.4518627204109,0.575445023256423,""
179,"Uprosertibre",20.6188140778517,0.625100394822109,""
180,"VE.822",38.1127914435981,0.0748084436945387,""
181,"VE821",74.9215804401827,0.0488872813022322,"**"
182,"Venetoclax",9.57060068034564,0.117904297255936,""
183,"Vinblastine",0.0575294112218311,0.0268362969423903,"**"
184,"Vincristine",0.346614002594928,0.0628048817562705,""
185,"Vinorelbine",0.114613122612767,0.0023890413397127,"***"
186,"Vorinostat",5.13574775356031,0.00251096263396692,"***"
187,"VSP34",11.9853417932198,0.0306746020541145,"**"
188,"VX.11e",20.5620061630513,0.0712016228096713,""
189,"Wee1.Inhibitor",14.5202062271363,0.0423857147671274,"**"
190,"WEHI.539",38.7791411998993,0.0273578750844047,"**"
191,"WIKI4",42.285771338518,0.0688772174727216,""
192,"Wnt.C59",73.3533422383458,0.28406267774657,""
193,"WZ4003",44.3231091740721,0.0844813296777362,""
194,"X5.Fluorouracil",180.707875907646,0.000240398765485019,"***"
195,"XAV939",83.1776142954186,0.0989262594364801,""
196,"YK.4.279",14.8822738732272,0.0214288821889225,"**"
197,"ZM447439",19.3630552481003,0.00176442851969142,"***"
198,"Zoledronate",46.1166830051019,0.614493618881247,""

uroblastoma, showing differential drug sensitivity based on the risk stratification model.