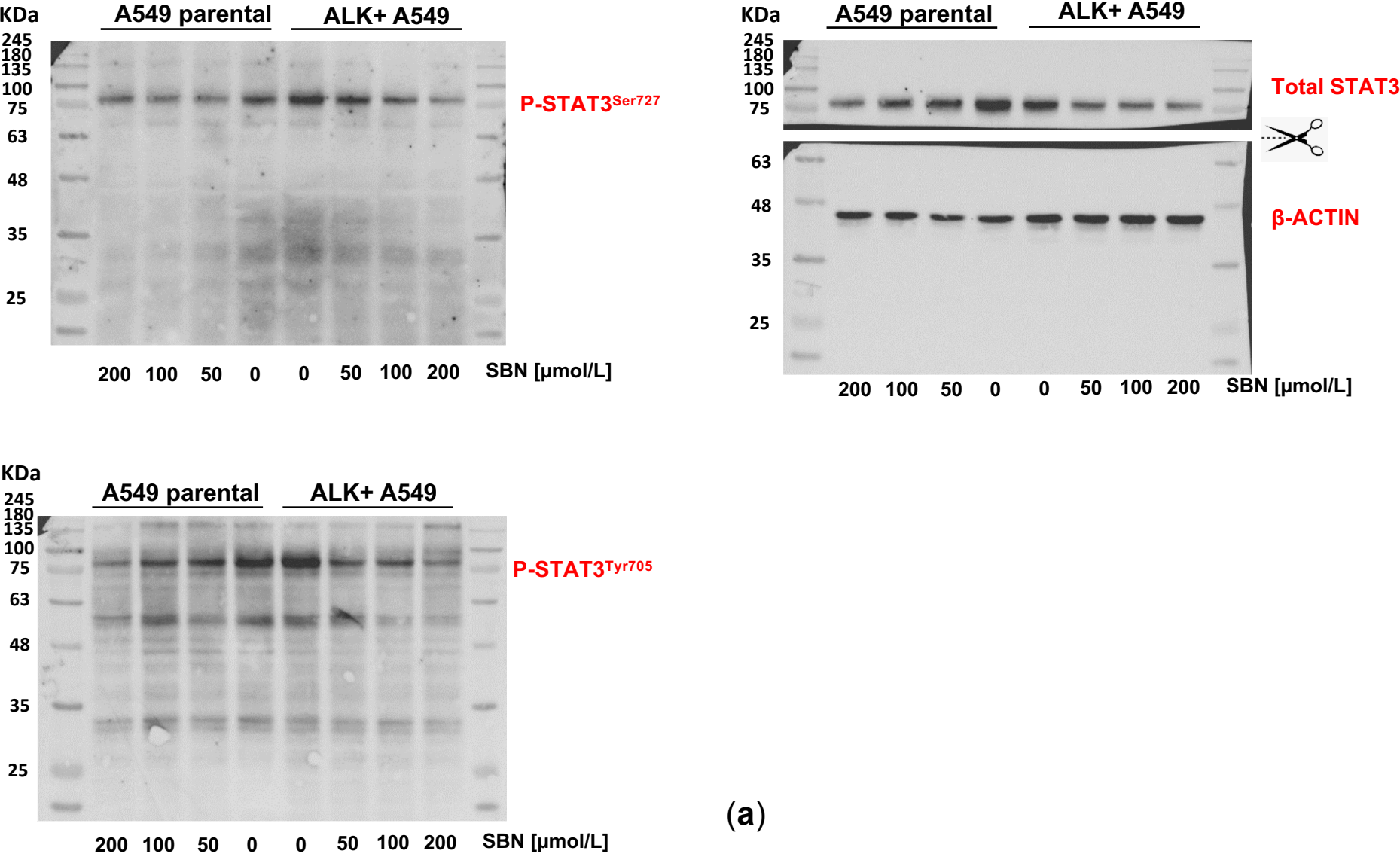


Figure S1. (a) Original uncropped immunoblots for Figure 2. (b) Original raw data of the phenotypic microarray system analyzed in Figure 2.



(b)

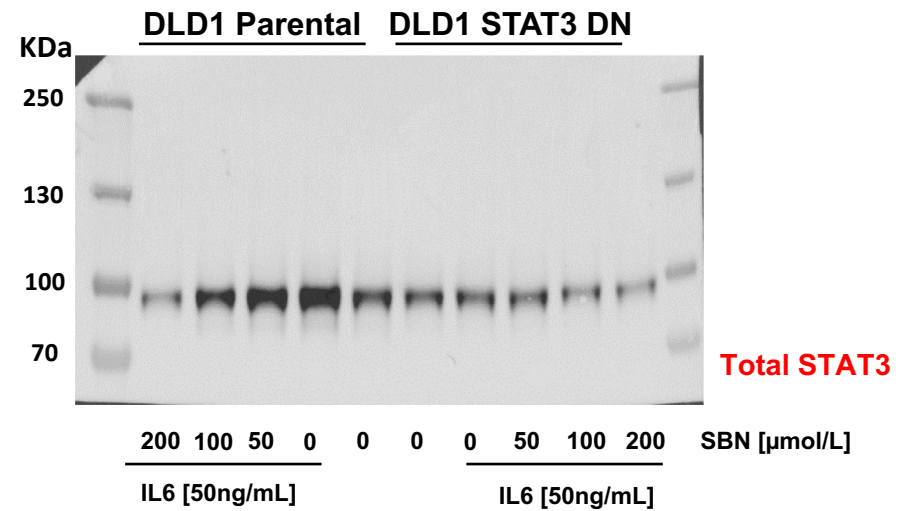
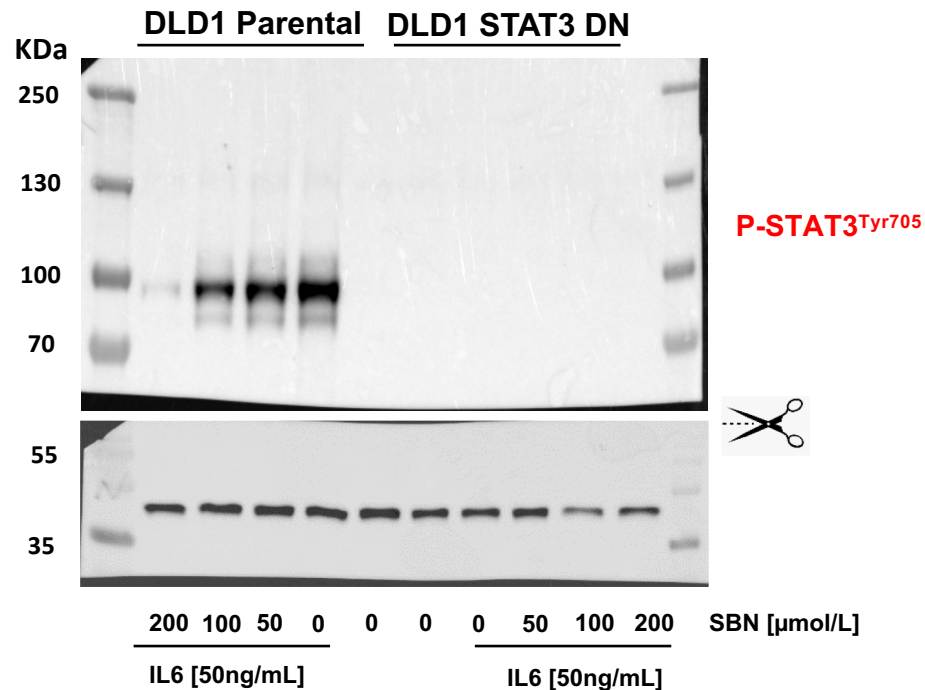
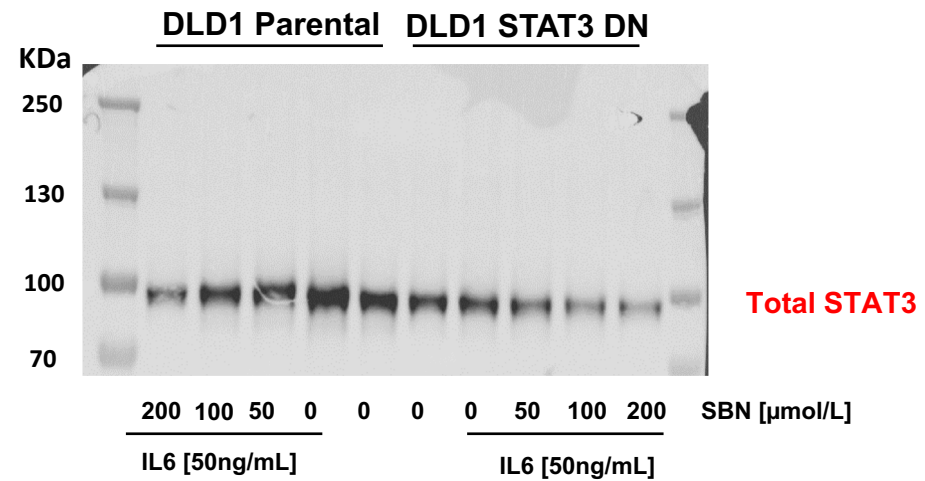
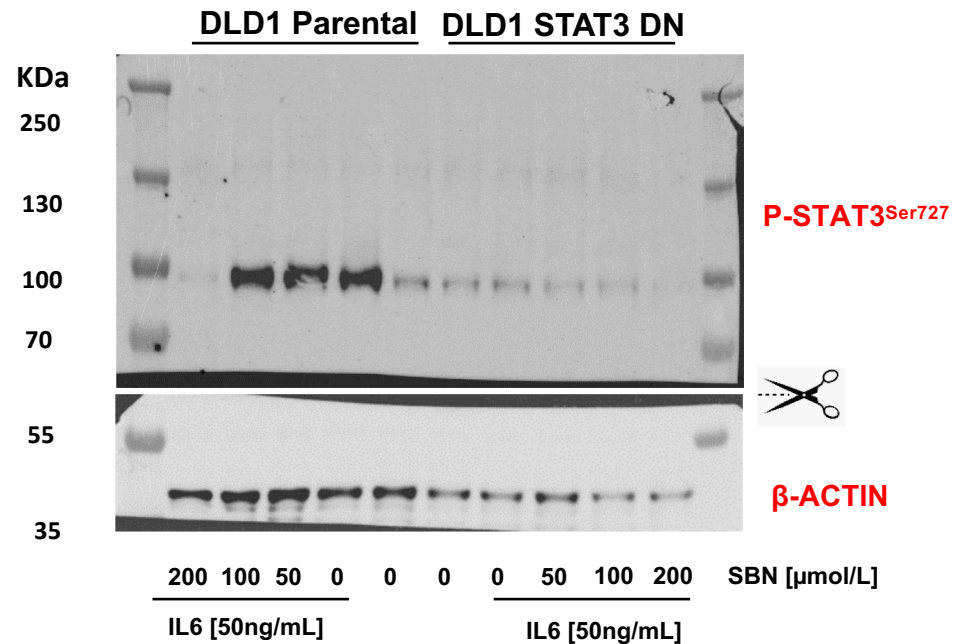
M11	PAR	SBN	PAR	ALK	ALK	SBN
Negative Control 1						
Negative Control 2						
Negative Control 3						
Negative Control 4						
Solasodine 1						
Solasodine 2						
Solasodine 3						
Solasodine 4						
Rotenone 1	0.6203673					
Rotenone 2						
Rotenone 3	0.7071205					
Rotenone 4	0.6510572					
Aklavine Hydrochloride 1	0.4168876					
Aklavine Hydrochloride 2	0.7948967					
Aklavine Hydrochloride 3	1.3096431					
Aklavine Hydrochloride 4						
Deguelin (-) 1						
Deguelin (-) 2						
Deguelin (-) 3						
Deguelin (-) 4						
Celastrol 1						
Celastrol 2						
Celastrol 3						
Celastrol 4						
Juglone 1						
Juglone 2						
Juglone 3						
Juglone 4						
Sanguinarine Sulfate 1						
Sanguinarine Sulfate 2						
Sanguinarine Sulfate 3	1.8401810					
Sanguinarine Sulfate 4						
Actinomycin D 1						
Actinomycin D 2						
Actinomycin D 3						
Actinomycin D 4						
Methylmethane Sulfonate 1						
Methylmethane Sulfonate 2						
Methylmethane Sulfonate 3						
Methylmethane Sulfonate 4						
Azathioprine 1						
Azathioprine 2						
Azathioprine 3						
Azathioprine 4						
Busulfan 1						
Busulfan 2						
Busulfan 3						
Busulfan 4						
Adarubicin 1						
Adarubicin 2						
Adarubicin 3						
Adarubicin 4						
Chloramphenicol 1						
Chloramphenicol 2						
Chloramphenicol 3						
Chloramphenicol 4						
Chloroquine Diphosphate 1						
Chloroquine Diphosphate 2						
Chloroquine Diphosphate 3						
Chloroquine Diphosphate 4						
Cyclophosphamide 1						
Cyclophosphamide 2						
Cyclophosphamide 3						
Cyclophosphamide 4						
Diethylcarbamazine Citrate 1						
Diethylcarbamazine Citrate 2						
Diethylcarbamazine Citrate 3						
Diethylcarbamazine Citrate 4						
Emetine 1						
Emetine 2						
Emetine 3						
Emetine 4						
Fluorouracil 1						
Fluorouracil 2						
Fluorouracil 3						
Fluorouracil 4						
Hydroxyurea 1						
Hydroxyurea 2						
Hydroxyurea 3						
Hydroxyurea 4						
Mechlorethamine 1						
Mechlorethamine 2						
Mechlorethamine 3						
Mechlorethamine 4						
Mercaptopurine 1						
Mercaptopurine 2						
Mercaptopurine 3						
Mercaptopurine 4						
Quinacrine Hydrochloride 1						
Quinacrine Hydrochloride 2						
Quinacrine Hydrochloride 3						
Quinacrine Hydrochloride 4						
Streptozotisin 1						
Streptozotisin 2						
Streptozotisin 3						
Streptozotisin 4						

M12	PAR	SBN	PAR	ALK	ALK	SBN
Negative Control 1						
Negative Control 2						
Negative Control 3						
Negative Control 4						
Tamoxifen Citrate 1						
Tamoxifen Citrate 2						
Tamoxifen Citrate 3						
Tamoxifen Citrate 4						
Thioguanine 1						
Thioguanine 2						
Thioguanine 3						
Thioguanine 4						
Acridavium Hydrochloride 1						
Acridavium Hydrochloride 2						
Acridavium Hydrochloride 3						
Acridavium Hydrochloride 4						
Pentamidine Isethionate 1						
Pentamidine Isethionate 2						
Pentamidine Isethionate 3						
Pentamidine Isethionate 4						
Mycophenolic Acid 1						
Mycophenolic Acid 2						
Mycophenolic Acid 3						
Mycophenolic Acid 4						
Aminopterin 1						
Aminopterin 2						
Aminopterin 3						
Aminopterin 4						
Berberine Chloride 1						
Berberine Chloride 2						
Berberine Chloride 3						
Berberine Chloride 4						
Emodin 1						
Emodin 2						
Emodin 3						
Emodin 4						
Puromycin Hydrochloride 1						
Puromycin Hydrochloride 2						
Puromycin Hydrochloride 3						
Puromycin Hydrochloride 4						
Nerifolin 1						
Nerifolin 2						
Nerifolin 3						
Nerifolin 4						
5-Fluoro-5'-Deoxyuridine 1						
5-Fluoro-5'-Deoxyuridine 2						
5-Fluoro-5'-Deoxyuridine 3						
5-Fluoro-5'-Deoxyuridine 4						
Carboplatin 1						
Carboplatin 2						
Carboplatin 3						
Carboplatin 4						
Cisplatin 1						
Cisplatin 2						
Cisplatin 3						
Cisplatin 4						
Zidovudine (AZT) 1						
Zidovudine (AZT) 2						
Zidovudine (AZT) 3						
Zidovudine (AZT) 4						
Azacytidine 1						
Azacytidine 2						
Azacytidine 3						
Azacytidine 4						
Cycloheximide 1						
Cycloheximide 2						
Cycloheximide 3						
Cycloheximide 4						
Azaserine 1						
Azaserine 2						
Azaserine 3						
Azaserine 4						
p-Fluorophenylalanine 1						
p-Fluorophenylalanine 2						
p-Fluorophenylalanine 3						
p-Fluorophenylalanine 4						
nethyllidrazine Hydrochloride 1						
nethyllidrazine Hydrochloride 2						
nethyllidrazine Hydrochloride 3						
nethyllidrazine Hydrochloride 4						
Phenethyl caffate (CAPE) 1						
Phenethyl caffate (CAPE) 2						
Phenethyl caffate (CAPE) 3						
Phenethyl caffate (CAPE) 4						
Camptothecin 1						
Camptothecin 2						
Camptothecin 3						
Camptothecin 4						
Amygdalin 1						
Amygdalin 2						
Amygdalin 3						
Amygdalin 4						
Ellagic Acid 1						
Ellagic Acid 2						
Ellagic Acid 3						
Ellagic Acid 4						

M13	PAR	SBN	PAR	ALK	ALK	SBN
Negative Control 1						
Negative Control 2						
Negative Control 3						
Negative Control 4						
Monocrotaline 1						
Monocrotaline 2						
Monocrotaline 3						
Monocrotaline 4						
Altretramine 1						
Altretramine 2						
Altretramine 3						
Altretramine 4						
Carmustine 1						
Carmustine 2						
Carmustine 3						
Carmustine 4						
Mitoxantrone Hydrochloride 1						
Mitoxantrone Hydrochloride 2						
Mitoxantrone Hydrochloride 3						
Mitoxantrone Hydrochloride 4						
Urethane 1						
Urethane 2						
Urethane 3						
Urethane 4						
Thiotepe 1						
Thiotepe 2						
Thiotepe 3						
Thiotepe 4						
Thiodiglycol 1						
Thiodiglycol 2						
Thiodiglycol 3						
Thiodiglycol 4						
Pipobroman 1						
Pipobroman 2						
Pipobroman 3						
Pipobroman 4						
Etanidazole 1						
Etanidazole 2						
Etanidazole 3						
Etanidazole 4						
Semustine 1						
Semustine 2						
Semustine 3						
Semustine 4						
Gossypol 1						
Gossypol 2						
Gossypol 3						
Gossypol 4						
Formestane 1						
Formestane 2						
Formestane 3						
Formestane 4						
Anticabine Hydrochloride 1						
Anticabine Hydrochloride 2						
Anticabine Hydrochloride 3						
Anticabine Hydrochloride 4						
Nimustine 1						
Nimustine 2						
Nimustine 3						
Nimustine 4						
Aminolevulinic Acid Hydrochloride 1						
Aminolevulinic Acid Hydrochloride 2						
Aminolevulinic Acid Hydrochloride 3						
Aminolevulinic Acid Hydrochloride 4						
Picropodophyllotoxin 1						
Picropodophyllotoxin 2						
Picropodophyllotoxin 3						
Picropodophyllotoxin 4						
8-Peltatin 1						
8-Peltatin 2						
8-Peltatin 3						
8-Peltatin 4						
Perillyl Alcohol 1						
Perillyl Alcohol 2						
Perillyl Alcohol 3						
Perillyl Alcohol 4						
Dibenzoylmethane 1						
Dibenzoylmethane 2						
Dibenzoylmethane 3						
Dibenzoylmethane 4						
6-Amino nicotinamide 1						
6-Amino nicotinamide 2						
6-Amino nicotinamide 3						
6-Amino nicotinamide 4						
Carmofur 1						
Carmofur 2						
Carmofur 3						
Carmofur 4						
Indole-3-Carbinol 1						
Indole-3-Carbinol 2						
Indole-3-Carbinol 3						
Indole-3-Carbinol 4						
Rifaximin 1						
Rifaximin 2						
Rifaximin 3						
Rifaximin 4						

	PAR	SBN	PAR	ALK	ALK	SBN

Figure S2. (a) Original uncropped immunoblots for Figure 4. (b) Original raw data of the phenotypic microarray system analyzed in Figure 4.



(a)

(b)

	M11	PAR SBN	PAR	DN	DN SBN
Negative Control 1					
Negative Control 2					
Negative Control 3					
Negative Control 4					
Solasodine 1					
Solasodine 2					
Solasodine 3					
Solasodine 4					
Rotenone 1					
Rotenone 2					
Rotenone 3					
Rotenone 4					
Aklavine Hydrochloride 1					
Aklavine Hydrochloride 2					
Aklavine Hydrochloride 3					
Aklavine Hydrochloride 4					
Deguelin(-) 1					
Deguelin(-) 2					
Deguelin(-) 3					
Deguelin(-) 4					
Celastrol 1					
Celastrol 2					
Celastrol 3					
Celastrol 4					
Juglone 1					
Juglone 2					
Juglone 3					
Juglone 4					
Sanguinarine Sulfate 1					
Sanguinarine Sulfate 2					
Sanguinarine Sulfate 3					
Sanguinarine Sulfate 4					
Actinomycin D 1					
Actinomycin D 2					
Actinomycin D 3					
Actinomycin D 4					
Methylmethane Sulfonate 1					
Methylmethane Sulfonate 2					
Methylmethane Sulfonate 3					
Methylmethane Sulfonate 4					
Azathioprine 1					
Azathioprine 2					
Azathioprine 3					
Azathioprine 4					
Busulfan 1					
Busulfan 2					
Busulfan 3					
Busulfan 4					
Aclarubicin 1					
Aclarubicin 2					
Aclarubicin 3					
Aclarubicin 4					
Chloramphenicol 1					
Chloramphenicol 2					
Chloramphenicol 3					
Chloramphenicol 4					
Chloroquine Diphosphate 1					
Chloroquine Diphosphate 2					
Chloroquine Diphosphate 3					
Chloroquine Diphosphate 4					
Cyclophosphamide 1					
Cyclophosphamide 2					
Cyclophosphamide 3					
Cyclophosphamide 4					
Diethylcarbamazine Citrate 1					
Diethylcarbamazine Citrate 2					
Diethylcarbamazine Citrate 3					
Diethylcarbamazine Citrate 4					
Emetine 1					
Emetine 2					
Emetine 3					
Emetine 4					
Fluorouracil 1					
Fluorouracil 2					
Fluorouracil 3					
Fluorouracil 4					
Hydroxyurea 1					
Hydroxyurea 2					
Hydroxyurea 3					
Hydroxyurea 4					
Mechlorethamine 1					
Mechlorethamine 2					
Mechlorethamine 3					
Mechlorethamine 4					
Mercaptopurine 1					
Mercaptopurine 2					
Mercaptopurine 3					
Mercaptopurine 4					
Quinacrine Hydrochloride 1					
Quinacrine Hydrochloride 2					
Quinacrine Hydrochloride 3					
Quinacrine Hydrochloride 4					
Streptozosin 1					
Streptozosin 2					
Streptozosin 3					
Streptozosin 4					

	M12	PAR SBN	PAR	DN	DN SBN
Negative Control 1					
Negative Control 2					
Negative Control 3					
Negative Control 4					
Tamoxifen Citrate 1					
Tamoxifen Citrate 2					
Tamoxifen Citrate 3					
Tamoxifen Citrate 4					
Thioguanine 1					
Thioguanine 2					
Thioguanine 3					
Thioguanine 4					
Acriflavium Hydrochloride 1					
Acriflavium Hydrochloride 2					
Acriflavium Hydrochloride 3					
Acriflavium Hydrochloride 4					
Pentamidine Isethionate 1					
Pentamidine Isethionate 2					
Pentamidine Isethionate 3					
Pentamidine Isethionate 4					
Mycophenolic Acid 1					
Mycophenolic Acid 2					
Mycophenolic Acid 3					
Mycophenolic Acid 4					
Aminopterin 1					
Aminopterin 2					
Aminopterin 3					
Aminopterin 4					
Berberine Chloride 1					
Berberine Chloride 2					
Berberine Chloride 3					
Berberine Chloride 4					
Emodin 1					
Emodin 2					
Emodin 3					
Emodin 4					
Puromycin Hydrochloride 1					
Puromycin Hydrochloride 2					
Puromycin Hydrochloride 3					
Puromycin Hydrochloride 4					
Nerifolin 1					
Nerifolin 2					
Nerifolin 3					
Nerifolin 4					
5-Fluoro-5'-Deoxyuridine 1					
5-Fluoro-5'-Deoxyuridine 2					
5-Fluoro-5'-Deoxyuridine 3					
5-Fluoro-5'-Deoxyuridine 4					
Carboplatin 1					
Carboplatin 2					
Carboplatin 3					
Carboplatin 4					
Cisplatin 1					
Cisplatin 2					
Cisplatin 3					
Cisplatin 4					
Zidovudine (AZT) 1					
Zidovudine (AZT) 2					
Zidovudine (AZT) 3					
Zidovudine (AZT) 4					
Azacytidine 1					
Azacytidine 2					
Azacytidine 3					
Azacytidine 4					
Cycloheximide 1					
Cycloheximide 2					
Cycloheximide 3					
Cycloheximide 4					
Azaserine 1					
Azaserine 2					
Azaserine 3					
Azaserine 4					
p-Fluorophenylalanine 1					
p-Fluorophenylalanine 2					
p-Fluorophenylalanine 3					
p-Fluorophenylalanine 4					
methylhydrazine Hydrochloride 1					
methylhydrazine Hydrochloride 2					
methylhydrazine Hydrochloride 3					
methylhydrazine Hydrochloride 4					
Phenethyl caffeine (CAPE) 1					
Phenethyl caffeine (CAPE) 2					
Phenethyl caffeine (CAPE) 3					
Phenethyl caffeine (CAPE) 4					
Camptothecin 1					
Camptothecin 2					
Camptothecin 3					
Camptothecin 4					
Amygdalin 1					
Amygdalin 2					
Amygdalin 3					
Amygdalin 4					
Ellagic Acid 1					
Ellagic Acid 2					
Ellagic Acid 3					
Ellagic Acid 4					

	M13	PAR SBN	PAR	DN	DN SBN
Negative Control 1					
Negative Control 2					
Negative Control 3					
Negative Control 4					
Monocrotaline 1					
Monocrotaline 2					
Monocrotaline 3					
Monocrotaline 4					
Altretramine 1					
Altretramine 2					
Altretramine 3					
Altretramine 4					
Carmustine 1					
Carmustine 2					
Carmustine 3					
Carmustine 4					
Mitoxantrone Hydrochloride 1					
Mitoxantrone Hydrochloride 2					
Mitoxantrone Hydrochloride 3					
Mitoxantrone Hydrochloride 4					
Urethane 1					
Urethane 2					
Urethane 3					
Urethane 4					
Thiotepa 1					
Thiotepa 2					
Thiotepa 3					
Thiotepa 4					
Thiodiglycol 1					
Thiodiglycol 2					
Thiodiglycol 3					
Thiodiglycol 4					
Pipibroman 1					
Pipibroman 2					
Pipibroman 3					
Pipibroman 4					
Etanidazole 1					
Etanidazole 2					
Etanidazole 3					
Etanidazole 4					
Semustine 1					
Semustine 2					
Semustine 3					
Semustine 4					
Gossypol 1					
Gossypol 2					
Gossypol 3					
Gossypol 4					
Formestane 1					
Formestane 2					
Formestane 3					
Formestane 4					
Ancitabine Hydrochloride 1					
Ancitabine Hydrochloride 2					
Ancitabine Hydrochloride 3					
Ancitabine Hydrochloride 4					
Nimustine 1					
Nimustine 2					
Nimustine 3					
Nimustine 4					
Aminolevulinic Acid Hydrochloride 1					
Aminolevulinic Acid Hydrochloride 2					
Aminolevulinic Acid Hydrochloride 3					
Aminolevulinic Acid Hydrochloride 4					
Picropodophyllotoxin 1					
Picropodophyllotoxin 2					
Picropodophyllotoxin 3					
Picropodophyllotoxin 4					
8-Peltatin 1					
8-Peltatin 2					
8-Peltatin 3					
8-Peltatin 4					
Perillyl Alcohol 1					
Perillyl Alcohol 2					
Perillyl Alcohol 3					
Perillyl Alcohol 4					
Dibenzoylmethane 1					
Dibenzoylmethane 2					
Dibenzoylmethane 3					
Dibenzoylmethane 4					
6-Amino nicotinamide 1					
6-Amino nicotinamide 2					
6-Amino nicotinamide 3					
6-Amino nicotinamide 4					
Carmofur 1					
Carmofur 2					
Carmofur 3					
Carmofur 4					
Indole-3-Carbinol 1					
Indole-3-Carbinol 2					
Indole-3-Carbinol 3					
Indole-3-Carbinol 4					
Rifaximin 1					
Rifaximin 2					
Rifaximin 3					
Rifaximin 4					

	M14	PAR SBN	PAR	DN	DN SBN
Negative Control 1					
Negative Control 2					0.976571
Negative Control 3					0.976571
Negative Control 4					
Cepharranthine 1					
Cepharranthine 2					
Cepharranthine 3					
Cepharranthine 4					0.7654923
4'-Demethyl epipodophyllotoxin 1					0.9911712
4'-Demethyl epipodophyllotoxin 2					
4'-Demethyl epipodophyllotoxin 3					
4'-Demethyl epipodophyllotoxin 4					0.9911712
Miltefosine 1					
Miltefosine 2					
Miltefosine 3					0.9911712
Miltefosine 4		0.9294961			0.9911712
Elaidyl phosphocholine 1		0.976571			
Elaidyl phosphocholine 2					0.9911712
Elaidyl phosphocholine 3		0.976571			0.9911712
Elaidyl phosphocholine 4		0.976571			0.9211712
Podofilox 1					
Podofilox 2					
Podofilox 3		0.976571			
Podofilox 4					
Colchicine 1					0.9911712
Colchicine 2					
Colchicine 3					
Colchicine 4					
Methotrexate 1		0.9911712			
Methotrexate 2					0.9911712
Methotrexate 3		0.9911712			
Methotrexate 4		0.9911712			
Acicidin 1					0.9911712
Acicidin 2		0.7715447			0.9397899
Acicidin 3					0.9911712
Acicidin 4		0.976571			0.6245658
Flouxuridine 1					
Flouxuridine 2					0.9911712
Flouxuridine 3					0.7715447
Flouxuridine 4		0.976571			0.9911712
Lefunomide 1					0.7325815
Lefunomide 2					0.7045239
Lefunomide 3					0.7325815
Lefunomide 4					0.6484454
Rapamycin 1					0.6091890
Rapamycin 2		0.9911712			0.6995258
Rapamycin 3		0.9911712			0.6983492
Rapamycin 4		0.44357619			0.5747804
13-cis Retinoic Acid 1					0.9911712
13-cis Retinoic Acid 2					0.8121068
13-cis Retinoic Acid 3					
13-cis Retinoic Acid 4					0.9911712
All-trans Retinoic Acid 1					0.8849739
All-trans Retinoic Acid 2					0.8773997
All-trans Retinoic Acid 3					0.976571
All-trans Retinoic Acid 4					
Piceatannol 1					0.8445978
Piceatannol 2					0.9911712
Piceatannol 3		0.8116736			0.9911712
Piceatannol 4		0.686276			0.7213266
(+)-Catechin 1		0.9911712			0.9911712
(+)-Catechin 2					0.9911712
(+)-Catechin 3					0.9911712
(+)-Catechin 4					0.9911712
Mitomycin C1					
Mitomycin C2					0.5501477
Mitomycin C3		0.6477031			0.9911712
Mitomycin C4		0.9911712			0.6917915
Cytosine-8-Darabinafuranoside 1					
Cytosine-8-Darabinafuranoside 2					
Cytosine-8-Darabinafuranoside 3					
Cytosine-8-Darabinafuranoside 4		4.5797312			
Doxorubicin Hydrochloride 1					
Doxorubicin Hydrochloride 2					
Doxorubicin Hydrochloride 3					0.6985321
Doxorubicin Hydrochloride 4					2.114036
Doxorubicin Hydrochloride 5					
Doxorubicin Hydrochloride 6		0.5178259			0.7579322
Doxorubicin Hydrochloride 7					0.9911712
Etoposide 1					
Etoposide 2					
Etoposide 3					
Etoposide 4		0.9292991			
Nocodazole 1		2.9242199			
Nocodazole 2					0.9911712
Nocodazole 3					
Nocodazole 4		0.9292991			0.9911712
Quercetin Dihydrate 1					
Quercetin Dihydrate 2		0.7736623			2.5950226
Quercetin Dihydrate 3		0.27315682			0.9911712
Quercetin Dihydrate 4					
Vinblastine Sulfate 1					0.7612493
Vinblastine Sulfate 2					0.9911712
Vinblastine Sulfate 3					
Vinblastine Sulfate 4					