

Top 50 Neg and Pos

Top 50 Compounds for the Temporal Meta-Signatures in the Pharmac Atlas for Negative and Positive Correlation based on the Average Compound Score															
Compounds	0.5dpi Score	1dpi Score	2dpi Score	4dpi Score	7dpi Score	Average Score	Standard Deviation	Compounds	0.5dpi Score	1dpi Score	2dpi Score	4dpi Score	7dpi Score	Average Score	Standard Deviation
Interleukin-23 Subunit p19	-46.14	-80.85	-84.23	-81.39	-77.48	-74.02	15.77	Butylhydroxybutylnitrosamine	100.00	92.73	100.00	100.00	100.00	98.55	3.25
DNA-hsp65	-41.57	-69.73	-71.19	-72.07	-75.72	-66.06	13.87	vaccinia-CEA vaccine	91.86	98.70	99.98	94.75	78.17	92.69	8.73
pneumococcal polysaccharide, type III	-50.45	-85.07	-89.81	-67.48	-37.46	-66.05	22.30	polidocanol	59.41	67.46	70.93	94.70	87.22	75.94	14.57
ruxolitinib	-61.24	-71.70	-70.58	-64.20	-58.33	-65.21	5.81	pristane	58.79	83.03	83.90	80.93	68.80	75.09	10.95
Interleukin-12 Subunit p40	-37.98	-75.03	-75.46	-72.75	-57.87	-63.82	16.16	MF59 oil emulsion	68.99	84.87	86.05	78.90	56.57	75.08	12.35
Cardiotoxin I	-41.65	-64.65	-65.98	-65.10	-55.05	-58.48	10.41	Pyrogens	67.10	100.00	90.03	70.96	44.45	74.51	21.58
AG 1879	-25.88	-69.62	-67.54	-60.43	-49.34	-54.56	17.89	Immunotoxins	60.35	93.65	88.98	70.21	55.99	73.84	16.85
Brodalumab	-32.44	-59.67	-59.78	-63.94	-56.77	-54.52	12.61	shikonin	64.33	86.46	85.31	76.01	54.83	73.39	13.66
Culture media, differentiation	-33.00	-57.93	-58.47	-56.04	-53.66	-51.82	10.69	Trinitrobenzenesulfonic Acid	61.09	74.49	76.15	80.07	67.41	71.84	7.56
Reverse Transcriptase Inhibitors	0.00	-64.65	-64.05	-69.08	-60.50	-51.66	29.04	SSGA protein, Metarhizium anisopliae	71.68	83.23	81.20	71.64	51.07	71.76	12.74
Dexamethasone	-35.39	-60.80	-57.04	-53.40	-49.47	-51.22	9.80	Adjuvants, Immunologic	60.28	85.15	84.15	71.89	57.08	71.71	13.04
beta-glycerol phosphate	-36.08	-55.41	-55.32	-58.03	-50.95	-51.16	8.80	Nickel	56.73	77.15	80.98	73.98	54.69	68.71	12.14
LY2439821	-36.59	-57.59	-59.49	-54.96	-45.70	-50.87	9.58	interleukin-33, mouse	55.60	74.98	76.77	71.02	64.82	68.64	8.61
etanercept	-32.77	-60.22	-59.33	-54.52	-46.33	-50.63	11.41	enterotoxin B, staphylococcal	44.21	83.12	82.46	71.40	58.87	68.01	16.57
Isoniazid	-34.26	-60.55	-59.02	-50.35	-44.68	-49.77	10.82	Bleomycin	45.99	70.26	74.95	76.08	67.24	66.90	12.22
adalimumab	-30.93	-61.22	-59.31	-51.65	-42.97	-49.22	12.50	SIV Vaccine	42.60	82.88	80.97	67.33	54.24	65.61	17.29
TAE226	0.00	-69.92	-67.68	-61.18	-46.76	-49.11	28.90	linezolid	51.04	69.90	76.65	73.23	56.24	65.41	11.16
Benzodiazepines	-27.01	-58.33	-55.77	-54.14	-49.69	-48.99	12.68	Tissue Extracts	55.22	91.85	82.19	58.25	37.93	65.09	21.74
HIV Protease Inhibitors	0.00	-60.70	-60.27	-65.77	-57.99	-48.95	27.51	Vaccines	60.38	75.08	73.84	62.13	52.37	64.76	9.60
Viral Vaccines	-40.44	-78.97	-71.46	-51.38	0.00	-48.45	31.15	2,3-bis(palmitoyloxy)-2-propyl-1-palmitoylcysteine	59.29	75.43	76.19	62.80	49.54	64.65	11.29
AZD 1152	-28.71	-60.00	-54.37	-50.08	-47.93	-48.22	11.84	Interleukin-23	46.80	70.67	69.96	70.75	64.40	64.51	10.25
antiglomerular basement membrane antibody	0.00	-60.40	-59.80	-66.18	-52.30	-47.74	27.14	Carrageenan	62.33	81.43	75.40	60.25	40.74	64.03	15.74
ustekinumab	0.00	-65.79	-63.94	-57.60	-48.49	-47.16	27.22	lipopolysaccharide, Helicobacter pylori	56.03	85.21	81.31	56.85	39.61	63.80	19.10
2-(1H-indazol-4-yl)-6-(4-methanesulfonylpiperazin-1-ylmethyl)-4-morpholin-4-ylthieno(3,2-d)pyrimidin	-26.28	-54.13	-55.75	-50.96	-43.92	-46.21	12.03	Kdo2-lipid A	48.73	84.83	80.01	59.88	44.31	63.55	18.22
Azathioprine	-35.06	-52.12	-51.38	-48.29	-44.10	-46.19	6.98	Chemokine CCL17	67.06	62.78	70.17	58.56	58.65	63.44	5.14
Selenium	-35.91	-56.67	-57.96	-45.62	-34.57	-46.15	11.06	Exotoxins	67.06	62.78	70.17	58.56	58.65	63.44	5.14
gefitinib	-20.20	-58.76	-55.11	-50.97	-45.65	-46.14	15.30	DEC-205 receptor	59.82	79.83	77.49	58.97	40.26	63.27	16.09
1-Methyl-3-isobutylxanthine	-25.19	-48.73	-51.53	-53.86	-50.90	-46.04	11.80	Ganciclovir	44.53	66.88	74.09	72.09	58.72	63.26	12.04
VX	-33.64	-54.74	-52.74	-48.29	-39.72	-45.83	8.93	beta-cyclodextrin-benzaldehyde	43.05	69.22	68.87	74.22	59.48	62.97	12.34
Rifampin	-25.05	-56.90	-54.69	-47.72	-43.01	-45.47	12.69	Dextran Sulfate Sodium	48.90	74.64	74.08	62.57	54.12	62.86	11.57
tricaprylin	0.00	-58.19	-57.78	-62.72	-47.10	-45.16	25.89	Prnp protein, mouse	42.40	77.02	74.56	68.73	49.66	62.47	15.52
Velaglucerase alfa, human	-45.31	-46.04	-53.44	-43.19	-35.81	-44.76	6.32	Antigens, Neoplasm	45.24	66.32	65.57	73.75	61.16	62.41	10.61
1-ethyl-2-benzimidazolinone	-42.30	-46.41	-52.15	-46.90	-35.85	-44.72	6.07	Oligonucleotides	41.82	74.82	74.86	65.23	54.38	62.22	14.19
CP 690,550	-25.09	-62.19	-60.59	-43.73	-31.13	-44.55	16.79	myelin oligodendrocyte glycoprotein	48.64	75.19	75.36	61.37	48.80	61.87	13.28
Agouti Signaling Protein	31.22	-70.60	-71.65	-59.32	-51.47	-44.36	43.07	Interferon-gamma	43.21	82.45	79.60	57.79	45.28	61.66	18.56
tofacitinib	-29.94	-53.28	-52.37	-40.88	-41.20	-43.54	9.62	2-methylthio-ATP	60.11	80.40	76.60	55.21	35.68	61.60	17.98
Leukemia Inhibitory Factor	-30.69	-52.17	-53.82	-43.24	-35.93	-43.17	10.03	Interferon-beta	42.52	82.10	78.36	59.32	44.85	61.43	18.38
Valproic Acid	-26.59	-51.80	-52.65	-45.38	-38.94	-43.07	10.75	Polyethyleneimine	54.10	60.92	67.41	67.31	56.43	61.23	6.10
RANK Ligand	-8.62	-56.03	-56.43	-50.27	-41.15	-42.50	19.92	Enbrel	40.35	71.73	70.15	65.56	58.11	61.18	12.79
2-(4-morpholinoanilino)-6-cyclohexylaminopurine	31.49	-58.09	-60.19	-63.60	-60.50	-42.18	41.23	amyloid beta-protein (1-42)	56.76	77.29	74.00	55.11	41.38	60.91	14.76
Herceptin	-7.34	-42.20	-45.27	-59.13	-56.25	-42.04	20.67	Viral Proteins	43.25	79.89	77.24	60.38	43.42	60.84	17.64
Transforming Growth Factor beta1	-27.33	-53.54	-51.71	-42.45	-33.50	-41.70	11.34	Poly I-C	44.75	82.06	77.77	55.36	42.55	60.50	18.44
anthrax lethal factor	-25.04	-61.33	-55.78	-40.84	-24.92	-41.58	16.91	quinoline-val-asp(OMe)-CH2-OPH	31.95	86.29	86.14	62.38	35.42	60.43	26.32
R788 compound	-33.45	-52.50	-50.89	-39.04	-31.41	-41.46	9.77	lactacystin	55.28	72.43	74.07	56.89	42.54	60.24	13.13
erlotinib	0.00	-50.07	-46.14	-57.14	-53.57	-41.39	23.49	naphthalene	50.88	60.81	69.50	67.13	52.66	60.19	8.35
Cytokines	-33.96	-64.58	-62.76	-45.39	0.00	-41.34	26.36	Tumor Necrosis Factor-alpha	44.87	77.63	74.31	56.44	43.67	59.39	15.99
JQ1	-15.21	-50.65	-48.72	-48.31	-42.61	-41.10	14.78	HGF protein, mouse	67.03	78.59	69.88	48.05	32.34	59.18	18.69
R 406 cpd	-31.58	-50.44	-45.32	-41.40	-36.57	-41.06	7.35	Smoke	32.36	65.28	69.38	66.89	59.74	58.73	15.16
AS602868	-25.54	-56.03	-52.36	-40.64	-30.66	-41.05	13.24	Linoleic Acids, Conjugated	37.74	60.04	62.92	69.92	59.93	58.11	12.09
GSK-126	-20.57	-52.08	-50.85	-44.09	-37.51	-41.02	12.84	cumene	44.54	71.75	72.27	57.62	43.93	58.02	13.89