

S24 Table: Geldanamycin significantly affects the expression of the selected 163 genes as evident in the “LINCS L1000 Chem Pert up” category in Enrichr. The last number after the - is dose density.

Term	Overlap	P-value	Adjusted P-value
LINCS L1000 Chem Pert up			
LJP006 LNCAP 3H-geldanamycin-0.12	9/34	5.59×10^{-12}	1.10×10^{-9}
LJP006 HS578T 3H-geldanamycin-10	10/63	8.63×10^{-11}	1.01×10^{-8}
LJP005 PC3 24H-geldanamycin-1.11	11/86	1.08×10^{-10}	1.22×10^{-8}
LJP006 MCF7 24H-geldanamycin-0.12	10/73	3.91×10^{-10}	3.44×10^{-8}
LJP006 PC3 24H-geldanamycin-0.37	8/45	2.73×10^{-9}	1.69×10^{-7}
LJP005 BT20 3H-geldanamycin-10	9/65	2.75×10^{-9}	1.69×10^{-7}
LJP006 HME1 24H-geldanamycin-1.11	13/185	4.00×10^{-9}	2.31×10^{-7}
LJP006 MCF10A 24H-geldanamycin-10	12/157	6.28×10^{-9}	3.46×10^{-7}
LJP005 MCF7 3H-geldanamycin-0.37	9/72	6.97×10^{-9}	3.80×10^{-7}
LJP006 HME1 3H-geldanamycin-3.33	9/76	1.13×10^{-8}	5.70×10^{-7}
LJP005 MCF7 3H-geldanamycin-1.11	8/56	1.67×10^{-8}	7.88×10^{-7}
LJP005 HS578T 3H-geldanamycin-0.12	7/41	3.74×10^{-8}	1.56×10^{-6}
LJP006 HME1 3H-geldanamycin-1.11	9/90	5.11×10^{-8}	2.04×10^{-6}
LJP005 PC3 24H-geldanamycin-3.33	9/95	8.20×10^{-8}	3.04×10^{-6}
LJP005 HS578T 3H-geldanamycin-3.33	8/78	2.37×10^{-7}	7.37×10^{-6}
LJP006 BT20 3H-geldanamycin-10	7/54	2.69×10^{-7}	8.26×10^{-6}
LJP006 MCF10A 3H-geldanamycin-10	9/113	3.68×10^{-7}	1.07×10^{-5}
LJP006 HS578T 3H-geldanamycin-3.33	8/84	4.22×10^{-7}	1.20×10^{-5}
LJP005 HS578T 3H-geldanamycin-0.37	7/58	4.45×10^{-7}	1.25×10^{-5}
LJP006 LNCAP 3H-geldanamycin-1.11	7/59	5.02×10^{-7}	1.39×10^{-5}
LJP005 MCF10A 3H-geldanamycin-10	8/86	5.07×10^{-7}	1.40×10^{-5}
LJP005 MDAMB231 3H-geldanamycin-10	8/88	6.06×10^{-7}	1.63×10^{-5}
LJP005 MCF7 24H-geldanamycin-3.33	10/158	6.96×10^{-7}	1.84×10^{-5}
LJP006 MCF7 24H-geldanamycin-0.37	9/125	8.67×10^{-7}	2.20×10^{-5}
LJP006 LNCAP 24H-geldanamycin-1.11	8/97	1.28×10^{-6}	3.02×10^{-5}
LJP006 MCF7 24H-geldanamycin-1.11	9/135	1.65×10^{-6}	3.74×10^{-5}
LJP005 MDAMB231 3H-geldanamycin-0.37	6/47	2.18×10^{-6}	4.69×10^{-5}
LJP006 MDAMB231 3H-geldanamycin-0.12	6/47	2.18×10^{-6}	4.68×10^{-5}
LJP006 MCF10A 3H-geldanamycin-0.37	8/107	2.69×10^{-6}	5.62×10^{-5}
LJP006 HME1 3H-geldanamycin-0.37	7/77	3.13×10^{-6}	6.34×10^{-5}
LJP006 HME1 3H-geldanamycin-10	7/78	3.41×10^{-6}	6.81×10^{-5}
LJP005 BT20 3H-geldanamycin-0.04	5/31	4.84×10^{-6}	9.18×10^{-5}
LJP006 BT20 24H-geldanamycin-0.37	7/83	5.18×10^{-6}	9.69×10^{-5}
LJP005 A549 24H-geldanamycin-3.33	8/119	5.97×10^{-6}	1.10×10^{-4}
LJP005 SKBR3 3H-geldanamycin-0.37	6/56	6.19×10^{-6}	1.13×10^{-4}
LJP005 SKBR3 3H-geldanamycin-10	6/56	6.19×10^{-6}	1.13×10^{-4}
LJP005 MCF10A 24H-geldanamycin-10	8/121	6.76×10^{-6}	1.21×10^{-4}
LJP005 MCF7 24H-geldanamycin-10	6/57	6.88×10^{-6}	1.23×10^{-4}
LJP006 MCF7 3H-geldanamycin-0.37	6/57	6.88×10^{-6}	1.23×10^{-4}
LJP005 MCF7 24H-geldanamycin-1.11	8/122	7.18×10^{-6}	1.27×10^{-4}
LJP005 HS578T 24H-geldanamycin-0.12	7/88	7.66×10^{-6}	1.33×10^{-4}
LJP005 HS578T 3H-geldanamycin-0.04	5/34	7.77×10^{-6}	1.35×10^{-4}
LJP005 SKBR3 3H-geldanamycin-0.12	5/34	7.77×10^{-6}	1.34×10^{-4}
LJP006 A549 24H-geldanamycin-10	8/125	8.59×10^{-6}	1.47×10^{-4}
LJP005 HS578T 3H-geldanamycin-1.11	6/60	9.30×10^{-6}	1.57×10^{-4}
LJP006 LNCAP 24H-geldanamycin-3.33	9/168	9.95×10^{-6}	1.66×10^{-4}
LJP006 MDAMB231 3H-geldanamycin-3.33	6/61	1.02×10^{-5}	1.69×10^{-4}
LJP006 MCF10A 24H-geldanamycin-3.33	9/175	1.38×10^{-5}	2.16×10^{-4}
LJP006 BT20 24H-geldanamycin-10	8/134	1.43×10^{-5}	2.24×10^{-4}
LJP005 MCF7 24H-geldanamycin-0.37	6/65	1.48×10^{-5}	2.31×10^{-4}
LJP005 BT20 3H-geldanamycin-3.33	5/39	1.56×10^{-5}	2.40×10^{-4}
CPC015 A375 6H-geldanamycin-10.0	8/139	1.87×10^{-5}	2.79×10^{-4}
LJP006 HS578T 24H-geldanamycin-0.37	8/141	2.07×10^{-5}	3.04×10^{-4}
LJP005 HS578T 3H-geldanamycin-10	6/70	2.28×10^{-5}	3.31×10^{-4}

S24 Table: (Continued)

LJP006 MCF10A 24H-geldanamycin-0.37	9/191	2.76×10^{-5}	3.91×10^{-4}
LJP006 SKBR3 3H-geldanamycin-1.11	5/45	3.17×10^{-5}	4.41×10^{-4}
LJP006 MDAMB231 24H-geldanamycin-3.33	7/112	3.71×10^{-5}	5.03×10^{-4}
LJP005 MCF10A 24H-geldanamycin-0.12	9/202	4.29×10^{-5}	5.69×10^{-4}
LJP006 LNCAP 3H-geldanamycin-0.37	5/48	4.36×10^{-5}	5.77×10^{-4}
LJP006 MDAMB231 24H-geldanamycin-0.37	6/79	4.54×10^{-5}	5.96×10^{-4}
LJP006 HME1 24H-geldanamycin-0.12	9/204	4.63×10^{-5}	6.05×10^{-4}
CPC011 HT29 6H-geldanamycin-10.0	6/83	6.01×10^{-5}	7.52×10^{-4}
LJP006 MDAMB231 3H-geldanamycin-10	5/52	6.45×10^{-5}	7.90×10^{-4}
LJP006 HT29 24H-geldanamycin-3.33	6/85	6.87×10^{-5}	8.37×10^{-4}
LJP006 BT20 24H-geldanamycin-0.12	6/86	7.33×10^{-5}	8.85×10^{-4}
LJP006 MCF10A 3H-geldanamycin-0.04	5/54	7.75×10^{-5}	9.26×10^{-4}
LJP005 HS578T 24H-geldanamycin-1.11	7/128	8.69×10^{-5}	1.02×10^{-3}
LJP006 MDAMB231 3H-geldanamycin-1.11	5/57	1.01×10^{-4}	1.15×10^{-3}
CPC006 DV90 6H-geldanamycin-10.0	6/91	1.01×10^{-4}	1.15×10^{-3}
LJP006 MDAMB231 24H-geldanamycin-1.11	6/91	1.01×10^{-4}	1.15×10^{-3}
LJP006 HME1 24H-geldanamycin-10	8/177	1.04×10^{-4}	1.18×10^{-3}
LJP005 SKBR3 24H-geldanamycin-1.11	6/93	1.13×10^{-4}	1.27×10^{-3}
LJP006 MCF10A 3H-geldanamycin-1.11	6/95	1.28×10^{-4}	1.41×10^{-3}
LJP006 HME1 3H-geldanamycin-0.04	4/32	1.28×10^{-4}	1.41×10^{-3}
LJP005 HCC515 24H-geldanamycin-3.33	6/99	1.60×10^{-4}	1.70×10^{-3}
LJP005 BT20 24H-geldanamycin-1.11	5/68	2.33×10^{-4}	2.31×10^{-3}
LJP006 BT20 24H-geldanamycin-1.11	5/68	2.33×10^{-4}	2.30×10^{-3}
LJP006 MCF10A 3H-geldanamycin-3.33	6/108	2.58×10^{-4}	2.51×10^{-3}
LJP005 HS578T 24H-geldanamycin-0.37	6/109	2.71×10^{-4}	2.63×10^{-3}
LJP006 HCC515 24H-geldanamycin-1.11	6/109	2.71×10^{-4}	2.63×10^{-3}
LJP005 MCF10A 24H-geldanamycin-0.37	8/205	2.84×10^{-4}	2.74×10^{-3}
LJP006 A549 24H-geldanamycin-3.33	6/110	2.85×10^{-4}	2.74×10^{-3}
LJP006 PC3 24H-geldanamycin-10	5/73	3.25×10^{-4}	3.06×10^{-3}
LJP005 PC3 24H-geldanamycin-10	4/41	3.40×10^{-4}	3.19×10^{-3}
LJP005 BT20 24H-geldanamycin-10	5/74	3.46×10^{-4}	3.22×10^{-3}
LJP005 MCF10A 3H-geldanamycin-0.12	5/74	3.46×10^{-4}	3.22×10^{-3}
LJP005 HEPG2 24H-geldanamycin-1.11	6/115	3.62×10^{-4}	3.35×10^{-3}
LJP005 MCF10A 3H-geldanamycin-3.33	6/117	3.97×10^{-4}	3.63×10^{-3}
LJP006 MCF7 3H-geldanamycin-10	4/43	4.10×10^{-4}	3.72×10^{-3}
CPC019 VCAP 6H-geldanamycin-10.0	6/120	4.54×10^{-4}	4.05×10^{-3}
LJP006 HME1 24H-geldanamycin-3.33	7/168	4.63×10^{-4}	4.12×10^{-3}
LJP005 HCC515 24H-geldanamycin-1.11	5/81	5.26×10^{-4}	4.60×10^{-3}
LJP006 SKBR3 3H-geldanamycin-0.04	4/46	5.31×10^{-4}	4.62×10^{-3}
LJP006 LNCAP 24H-geldanamycin-10	6/125	5.64×10^{-4}	4.86×10^{-3}
LJP006 HME1 3H-geldanamycin-0.12	4/47	5.77×10^{-4}	4.96×10^{-3}
LJP006 MDAMB231 24H-geldanamycin-0.12	5/84	6.21×10^{-4}	5.28×10^{-3}
LJP005 HA1E 24H-geldanamycin-0.12	4/48	6.26×10^{-4}	5.31×10^{-3}
CPC020 HA1E 6H-geldanamycin-10.0	5/85	6.56×10^{-4}	5.53×10^{-3}
LJP005 HS578T 24H-geldanamycin-3.33	5/85	6.56×10^{-4}	5.52×10^{-3}
LJP006 HCC515 24H-geldanamycin-0.12	4/49	6.77×10^{-4}	5.68×10^{-3}
CPC009 A549 6H-geldanamycin-10.0	5/87	7.29×10^{-4}	6.06×10^{-3}
LJP006 HS578T 24H-geldanamycin-0.12	5/89	8.09×10^{-4}	6.56×10^{-3}
LJP006 HT29 24H-geldanamycin-1.11	5/91	8.94×10^{-4}	7.15×10^{-3}
LJP005 MCF10A 24H-geldanamycin-3.33	7/188	9.01×10^{-4}	7.19×10^{-3}
CPC016 A375 6H-geldanamycin-10.0	4/53	9.12×10^{-4}	7.27×10^{-3}
LJP005 MCF7 3H-geldanamycin-10	4/54	9.79×10^{-4}	7.69×10^{-3}
LJP006 MDAMB231 24H-geldanamycin-10	5/93	9.86×10^{-4}	7.71×10^{-3}
CPC005 HT29 6H-geldanamycin-10.0	5/94	1.04×10^{-3}	8.08×10^{-3}
LJP005 SKBR3 3H-geldanamycin-0.04	3/25	1.07×10^{-3}	8.27×10^{-3}
LJP006 SKBR3 24H-geldanamycin-0.37	5/95	1.09×10^{-3}	8.35×10^{-3}
LJP006 HME1 24H-geldanamycin-0.04	6/145	1.22×10^{-3}	9.20×10^{-3}

S24 Table: (Continued)

LJP006 HA1E 24H-geldanamycin-0.12	4/58	1.28×10^{-3}	9.54×10^{-3}
LJP006 PC3 24H-geldanamycin-1.11	4/58	1.28×10^{-3}	9.53×10^{-3}
CPC010 A375 6H-geldanamycin-10.0	5/99	1.31×10^{-3}	9.70×10^{-3}
CPC006 NOMO1 6H-geldanamycin-10.0	5/100	1.37×10^{-3}	1.01×10^{-2}
LJP006 LNCAP 3H-geldanamycin-3.33	4/59	1.37×10^{-3}	1.00×10^{-2}
LJP006 HS578T 24H-geldanamycin-10	6/154	1.66×10^{-3}	1.18×10^{-2}
LJP006 HT29 24H-geldanamycin-10	5/105	1.70×10^{-3}	1.20×10^{-2}
CPC019 HCC515 6H-geldanamycin-10.0	5/106	1.77×10^{-3}	1.24×10^{-2}
LJP005 MDAMB231 3H-geldanamycin-1.11	4/64	1.85×10^{-3}	1.29×10^{-2}
LJP006 HCC515 24H-geldanamycin-10	4/64	1.85×10^{-3}	1.29×10^{-2}
CPC006 SW620 6H-geldanamycin-10.0	4/65	1.96×10^{-3}	1.36×10^{-2}
LJP005 SKBR3 3H-geldanamycin-3.33	4/67	2.19×10^{-3}	1.48×10^{-2}
LJP006 HME1 24H-geldanamycin-0.37	6/163	2.22×10^{-3}	1.49×10^{-2}
LJP005 A375 24H-geldanamycin-3.33	5/112	2.25×10^{-3}	1.52×10^{-2}
LJP006 MCF7 24H-geldanamycin-3.33	4/70	2.57×10^{-3}	1.70×10^{-2}
LJP006 SKBR3 24H-geldanamycin-0.04	4/72	2.84×10^{-3}	1.84×10^{-2}
LJP006 MCF7 3H-geldanamycin-1.11	3/37	3.37×10^{-3}	2.11×10^{-2}
LJP006 MCF10A 24H-geldanamycin-0.12	6/182	3.82×10^{-3}	2.33×10^{-2}
CPC006 VCAP 6H-geldanamycin-10.0	7/244	3.93×10^{-3}	2.38×10^{-2}
CPC004 VCAP 6H-geldanamycin-10.0	4/80	4.16×10^{-3}	2.50×10^{-2}
LJP006 HT29 24H-geldanamycin-0.37	3/40	4.21×10^{-3}	2.50×10^{-2}
CPC001 PC3 6H-geldanamycin-10.0	5/130	4.27×10^{-3}	2.54×10^{-2}
LJP006 SKBR3 3H-geldanamycin-3.33	3/41	4.51×10^{-3}	2.65×10^{-2}
LJP005 SKBR3 24H-geldanamycin-0.12	4/82	4.54×10^{-3}	2.66×10^{-2}
LJP006 HCC515 24H-geldanamycin-3.33	4/84	4.95×10^{-3}	2.84×10^{-2}
CPC008 A549 6H-geldanamycin-10.0	5/137	5.33×10^{-3}	3.02×10^{-2}
LJP006 SKBR3 3H-geldanamycin-0.37	3/44	5.51×10^{-3}	3.08×10^{-2}
CPC004 HT29 6H-geldanamycin-10.0	4/87	5.60×10^{-3}	3.13×10^{-2}
LJP006 BT20 24H-geldanamycin-3.33	4/88	5.83×10^{-3}	3.24×10^{-2}
LJP005 SKBR3 24H-geldanamycin-0.04	3/46	6.24×10^{-3}	3.40×10^{-2}
LJP006 MCF7 24H-geldanamycin-10	3/46	6.24×10^{-3}	3.40×10^{-2}
CPC006 SKLU1 6H-geldanamycin-10.0	4/90	6.31×10^{-3}	3.43×10^{-2}
LJP005 MCF10A 3H-geldanamycin-0.37	4/90	6.31×10^{-3}	3.43×10^{-2}
LJP006 HA1E 24H-geldanamycin-10	4/90	6.31×10^{-3}	3.43×10^{-2}
LJP006 SKBR3 3H-geldanamycin-10	3/49	7.44×10^{-3}	3.91×10^{-2}
LJP006 A549 24H-geldanamycin-1.11	4/95	7.62×10^{-3}	3.99×10^{-2}
LJP005 MCF10A 3H-geldanamycin-0.04	3/50	7.87×10^{-3}	4.10×10^{-2}
LJP005 A549 24H-geldanamycin-1.11	4/99	8.79×10^{-3}	4.45×10^{-2}
CPC019 HA1E 6H-geldanamycin-10.0	4/100	9.10×10^{-3}	4.58×10^{-2}
LJP006 LNCAP 24H-geldanamycin-0.37	4/101	9.42×10^{-3}	4.68×10^{-2}