

S14 Table: A-443654 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 HCC515 24H-A443654-0.37	9/145	2.99×10^{-6}	6.13×10^{-5}
LJP006 HCC515 24H-A443654-0.12	7/88	7.66×10^{-6}	1.33×10^{-4}
LJP006 MCF10A 3H-A443654-0.37	6/67	1.77×10^{-5}	2.66×10^{-4}
LJP006 PC3 24H-A443654-1.11	9/200	3.97×10^{-5}	5.32×10^{-4}
LJP006 HCC515 24H-A443654-10	9/203	4.45×10^{-5}	5.87×10^{-4}
LJP006 HS578T 3H-A443654-1.11	5/54	7.75×10^{-5}	9.27×10^{-4}
LJP006 HT29 24H-A443654-1.11	7/126	7.87×10^{-5}	9.36×10^{-4}
LJP006 MCF7 3H-A443654-0.12	6/89	8.89×10^{-5}	1.04×10^{-3}
LJP006 MCF7 3H-A443654-10	4/33	1.45×10^{-4}	1.56×10^{-3}
LJP006 MCF7 3H-A443654-3.33	5/64	1.75×10^{-4}	1.82×10^{-3}
LJP006 HT29 24H-A443654-0.37	4/41	3.40×10^{-4}	3.18×10^{-3}
LJP006 SKBR3 3H-A443654-0.37	4/42	3.74×10^{-4}	3.44×10^{-3}
LJP006 MCF7 24H-A443654-0.37	6/118	4.15×10^{-4}	3.76×10^{-3}
LJP006 LNCAP 24H-A443654-3.33	6/119	4.34×10^{-4}	3.91×10^{-3}
LJP006 A549 24H-A443654-10	7/169	4.80×10^{-4}	4.24×10^{-3}
LJP006 MDAMB231 3H-A443654-0.37	4/47	5.77×10^{-4}	4.95×10^{-3}
LJP006 PC3 24H-A443654-0.37	5/83	5.88×10^{-4}	5.02×10^{-3}
LJP006 MCF7 24H-A443654-0.12	5/91	8.94×10^{-4}	7.15×10^{-3}
LJP006 MCF7 24H-A443654-3.33	5/92	9.40×10^{-4}	7.45×10^{-3}
LJP006 MCF7 24H-A443654-1.11	5/95	1.09×10^{-3}	8.35×10^{-3}
LJP006 BT20 3H-A443654-0.12	4/56	1.12×10^{-3}	8.59×10^{-3}
LJP006 A549 24H-A443654-1.11	6/150	1.46×10^{-3}	1.06×10^{-2}
LJP006 MDAMB231 3H-A443654-0.12	3/30	1.84×10^{-3}	1.28×10^{-2}
LJP006 LNCAP 24H-A443654-0.37	5/108	1.92×10^{-3}	1.33×10^{-2}
LJP006 BT20 24H-A443654-0.37	6/164	2.29×10^{-3}	1.54×10^{-2}
LJP006 BT20 24H-A443654-1.11	5/113	2.34×10^{-3}	1.56×10^{-2}
LJP006 HME1 24H-A443654-0.04	4/70	2.57×10^{-3}	1.70×10^{-2}
LJP006 SKBR3 24H-A443654-0.37	5/116	2.62×10^{-3}	1.73×10^{-2}
LJP006 BT20 24H-A443654-3.33	5/117	2.72×10^{-3}	1.77×10^{-2}
LJP006 SKBR3 24H-A443654-0.04	4/74	3.14×10^{-3}	1.99×10^{-2}
LJP006 HEPG2 24H-A443654-0.37	4/81	4.35×10^{-3}	2.57×10^{-2}
LJP006 MCF7 3H-A443654-0.37	3/42	4.83×10^{-3}	2.79×10^{-2}
LJP006 SKBR3 3H-A443654-3.33	3/43	5.16×10^{-3}	2.93×10^{-2}
LJP006 HCC515 24H-A443654-3.33	6/211	7.76×10^{-3}	4.06×10^{-2}
LJP006 LNCAP 3H-A443654-10	3/50	7.87×10^{-3}	4.09×10^{-2}
LJP006 HT29 24H-A443654-3.33	5/155	8.87×10^{-3}	4.48×10^{-2}