Table S8

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| **Drug** | **lncRNA, associated disease, and logFC** | **Overlap genes** | **Shared/enriched GO term and KEGG pathway** |
| LY-294002 | LSCAT14LUSC: 0.1231.71\* | DNAJC10, WAC, KCNMB3, GPR137B, SEC6239RS: 99.8 | protein bindingProtein processing in endoplasmic reticulum, |
| Trichostatin A | LSCAT161LUSC: 0.0561.31\* | DNAJC10, RHOQ, LMAN1, KCNMB3, KLHL24RS: 99.8 | protein bindingInsulin signaling pathway |
| Acetylsalicylic acid | CAT1406.1LUSC: 0.545-2.26\* | BAAT, SECISBP2L, TRMT61A, FPR2, FCGR2ARS: 99.8 | protein binding |
| Alvespimycin | CAT945.1LUSC: 0.855-1.03 | NAB1, ID1, FAM49A, MAS1, GSPT1RS: 99.8 | protein binding |
| Geldanamycin | CAT2180.4LUSC: 0.8821.56\* | IP6K1, TAOK3, CTDSP2, C3AR1, CD84, FYCO1, PIN4RS: 99.9 | protein binding |
| Geldanamycin | LSCAT255LUSC: 0.735-0.87 | RIN3, C3AR1, CD84, TBC1D2B, FYCO1RS: 99.8 | protein binding |
| Monorden | CAT257LUSC: 0.930-1.64\* | CSF3R, CD84, EPB41L3, STX3, FCARRS: 99.8 | protein binding |
| Monorden | LINC00511.2LUSC: 0.7252.35\* | TWISTNB, BID, ENOPH1, HSP90AA1, PNO1RS: 99.8 | -- |
| Tanespimycin | CAT1149.1LUSC: 0.521-1.56\* | SRM, MRTO4, MRPL15, IMP4, TIMM8A, RAD1, RUVBL1RS: 99.9 | protein binding |
| Wortmannin | CAT1744.1LUSC: 0.4051.79\* | SYNGR4, DRD5, MANF, CD207, MASP1RS: 99.8 | -- |