

Overlap of the CCLE and the ENCODE data.

What is the CCLE

- Gene expression, chromosomal copy number and sequencing data from 947 human cancer cell lines.
- Pharmacological profiles for 24 anticancer drugs across 479 of these cell lines
- Allowed identification of genetic, lineage, and gene-expression-based predictors of drug sensitivity.

Overlap Tier 1

- nope: GM12878, H1-hESC,
- yes: K562

Overlap Tier 2

- HeLa-S3 nope
- HepG2 yes
- HUVEC nope

Overlap Tier 3

- SK-N-SH yes
- IMR90 (ATCC CCL-186) nope
- A549 (ATCC CCL-185) yes
- MCF7 (ATCC HTB-22) yes
- HMEC or LHCM nope
- CD14+ yes
- CD20+ yes
- Primary heart or liver cells: nope
- Differentiated H1 cells: nope