

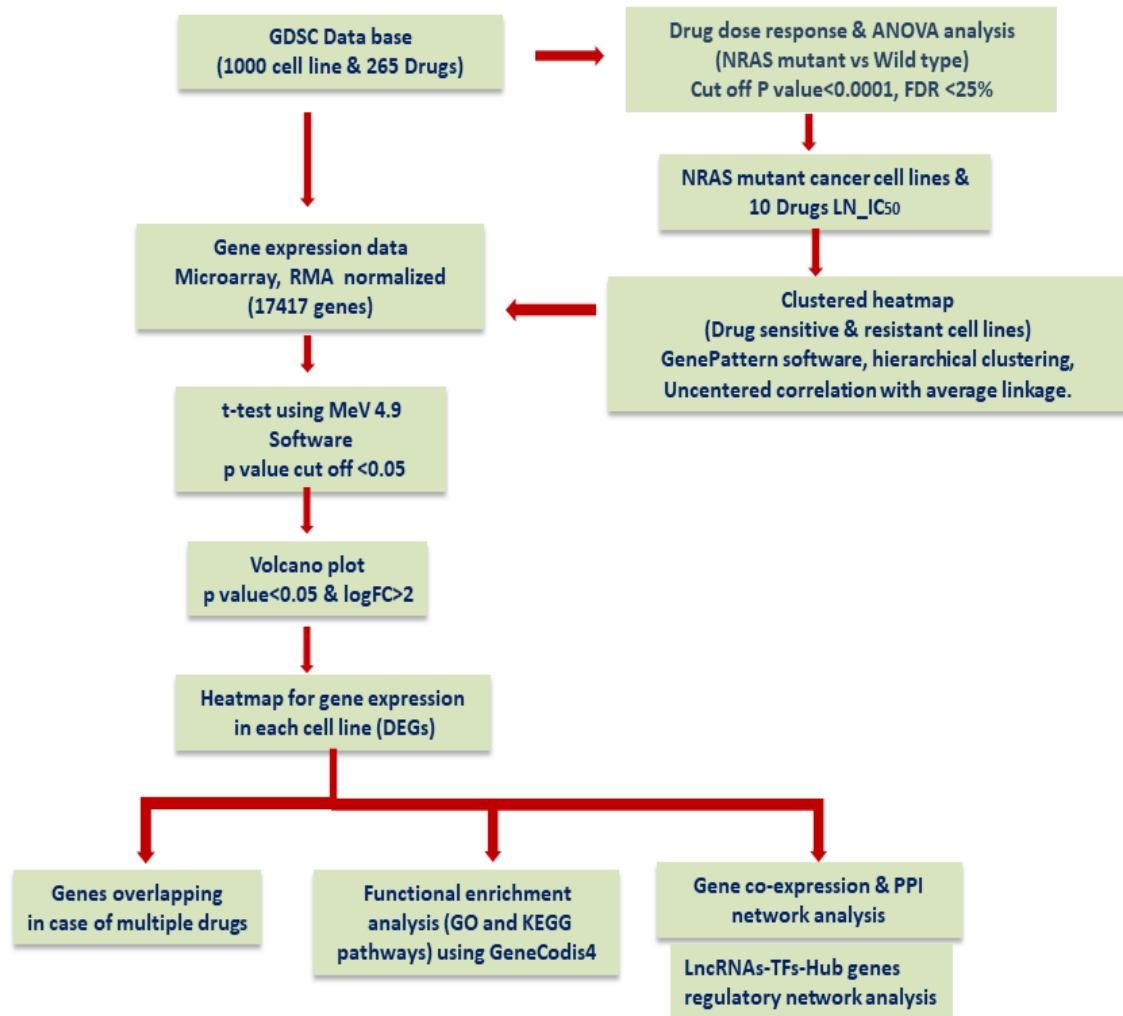


Figure S3a: Schematic overview depicting sequential methods used in our study.

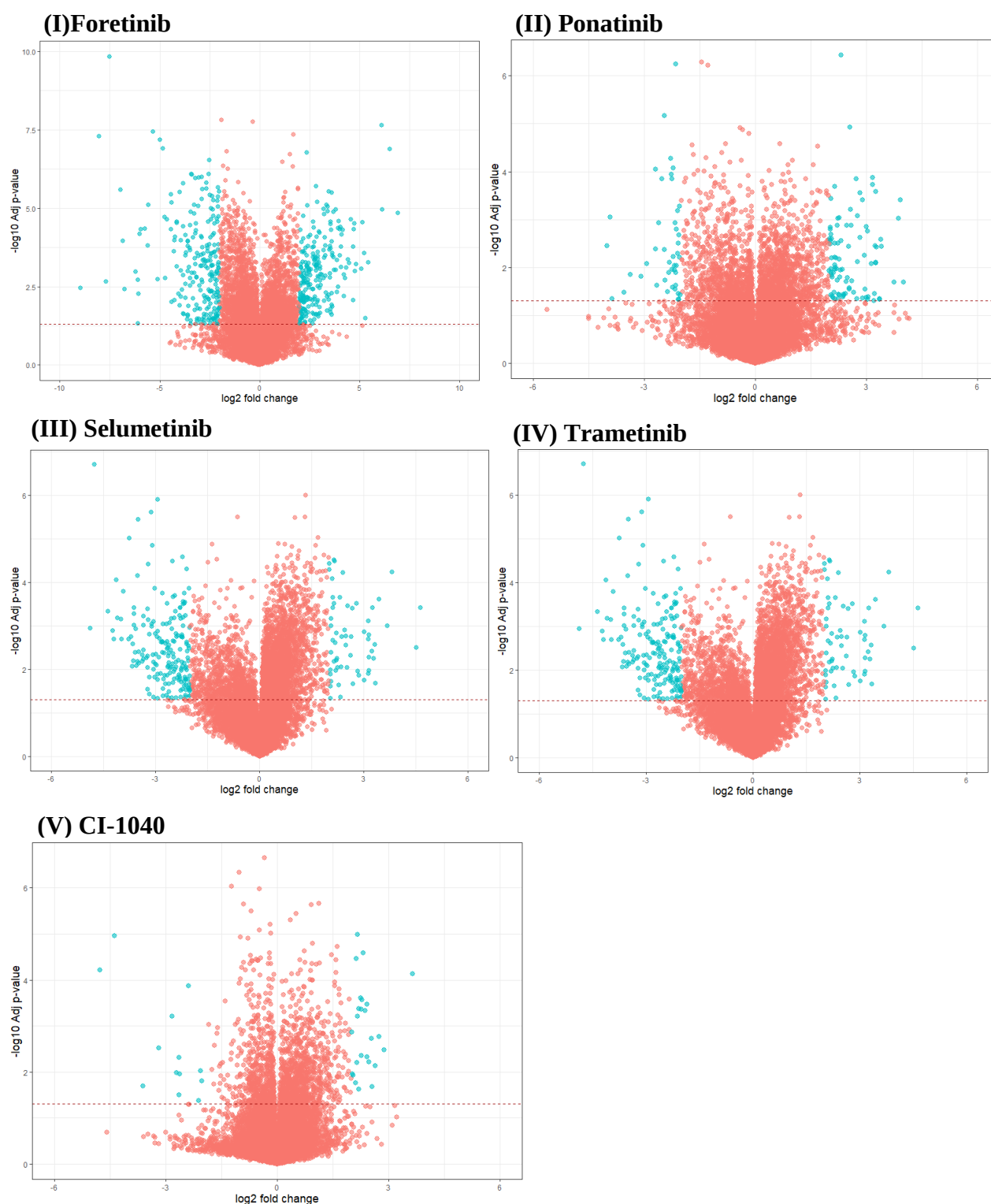


Figure S3b: Volcano plot of significantly differentially expressed genes between drug-sensitive and –resistant cancer cell lines. (I-V) Dots (blue) at the top represent significantly differentially expressed genes, bottom dots (red) represent non-significant differentially expressed genes. The x-axis shows fold change in gene expression (magnitude of change, $\log_2 \text{FC} > 2$) and the y-axis (p-value) shows statistically significant genes (threshold p-value < 0.05) for each drug.