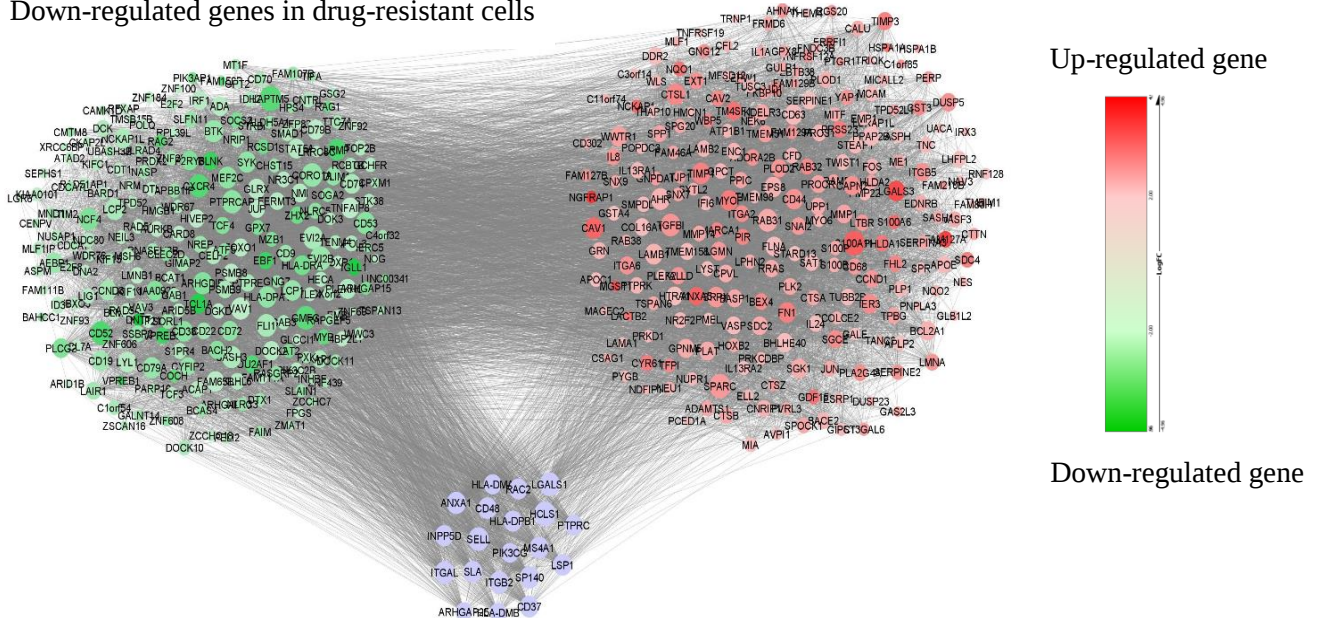


Gene co-expression network of DEGs

(I)Foretinib

Up- regulated genes in drug- resistant cells

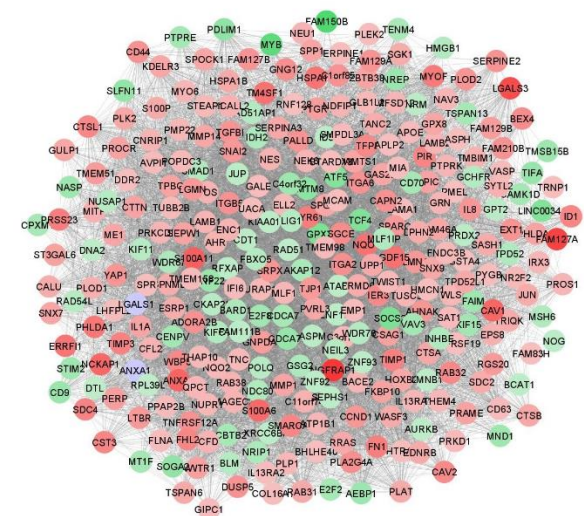
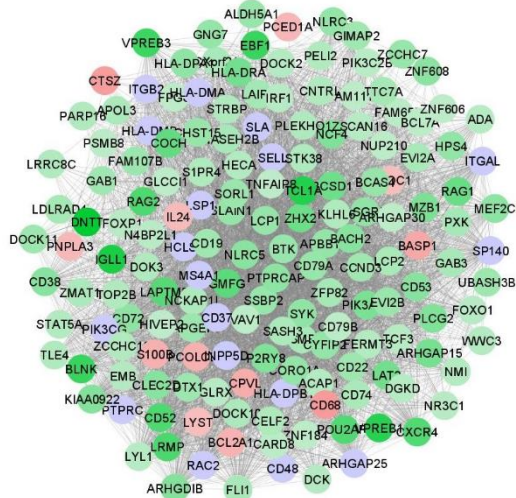
Down-regulated genes in drug-resistant cells



GeneMANIA predicted genes

Cluster 1

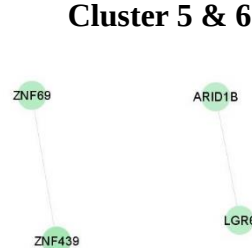
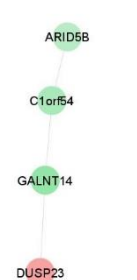
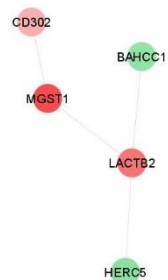
Cluster 2



Cluster 3

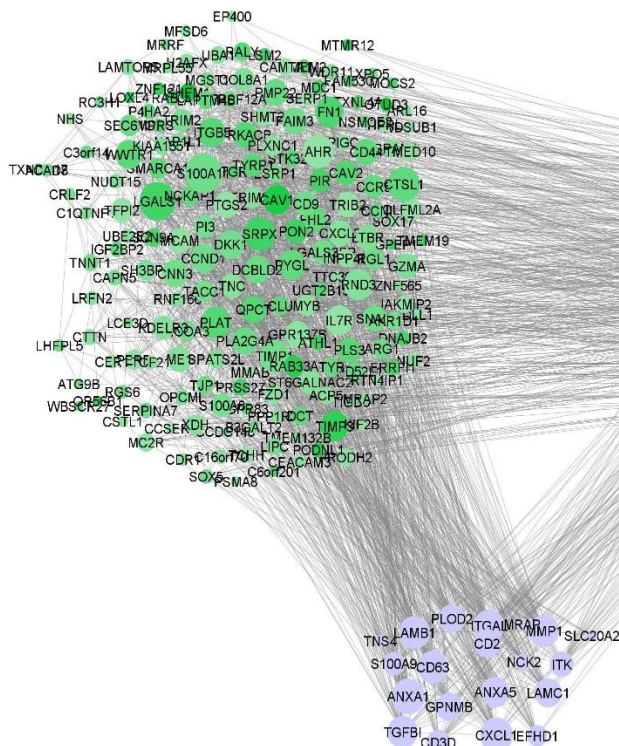
Cluster 4

Cluster 5 & 6



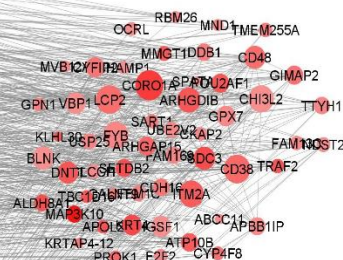
(II) Selumetinib

Down-regulated genes in drug-resistant cells

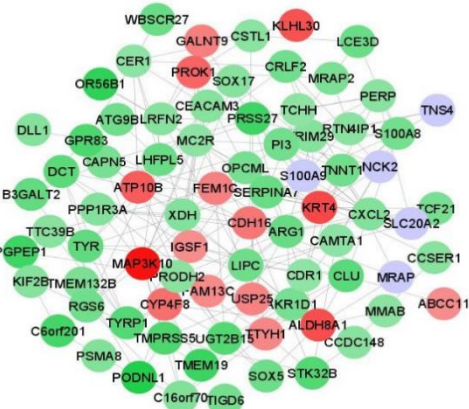


GeneMANIA predicted genes

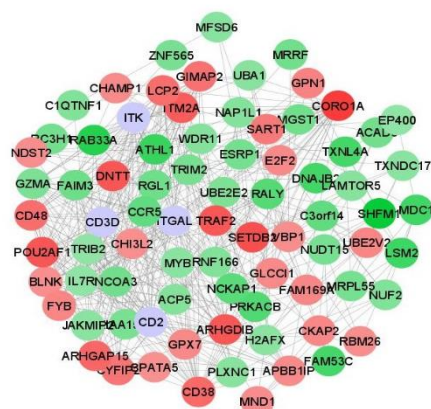
Up-regulated genes in drug-resistant cells



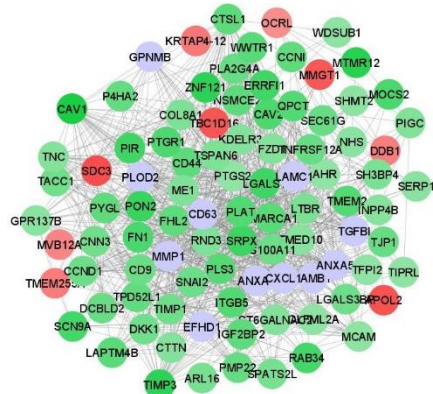
Cluster 1



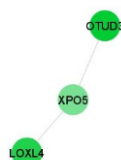
Cluster 2



Cluster 3

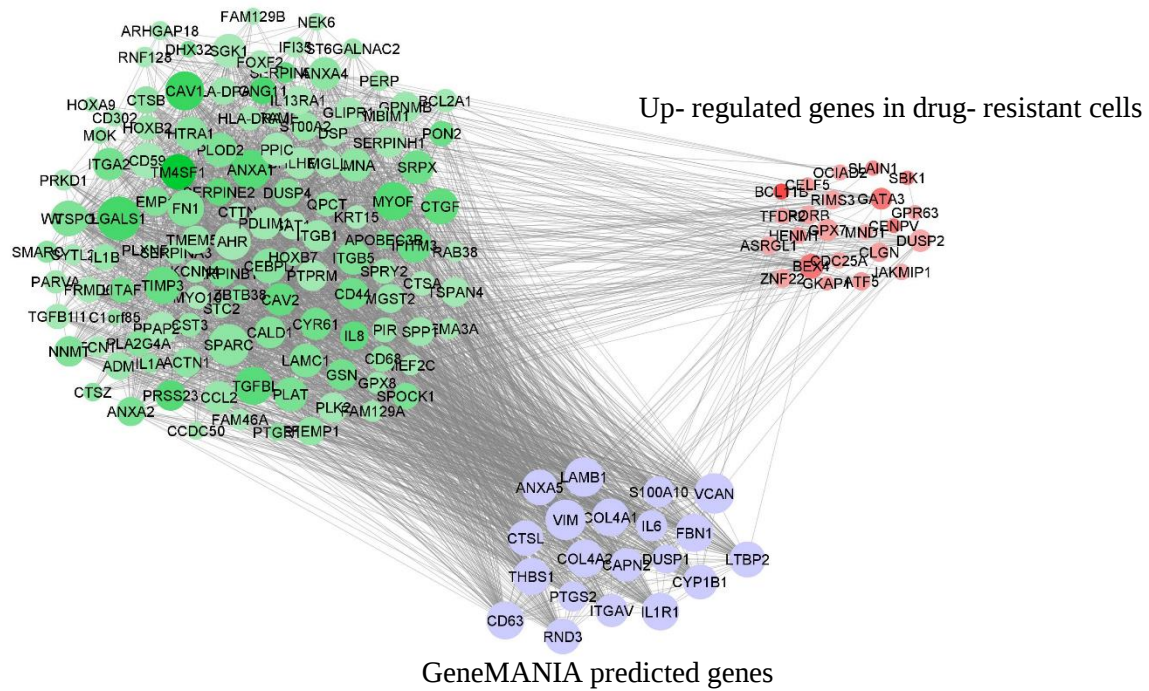


Cluster 4



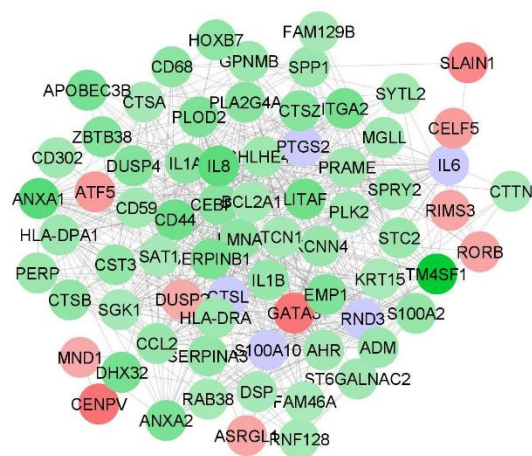
(III) Trametinib

Down-regulated genes in drug-resistant cells

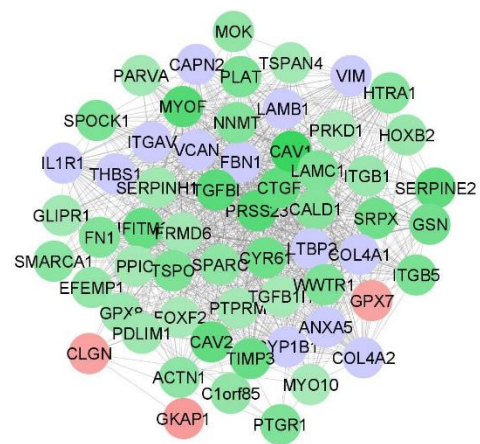


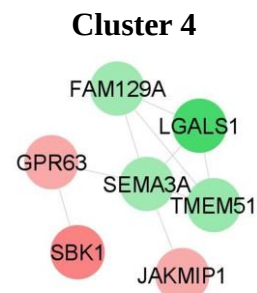
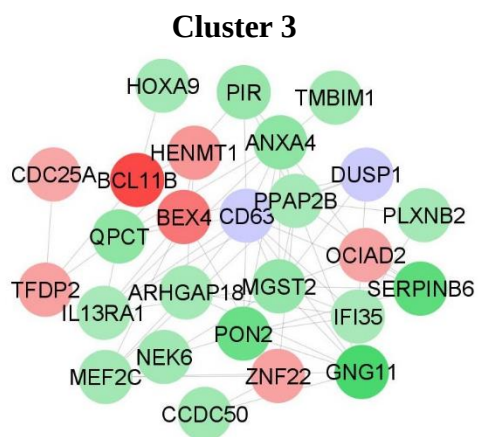
GeneMANIA predicted genes

Cluster 1



Cluster 2





(IV)CI-1040

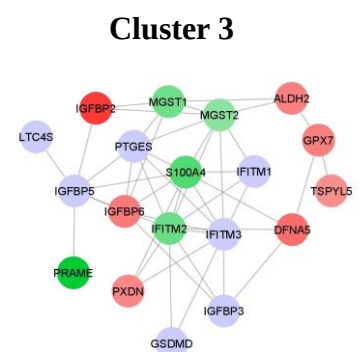
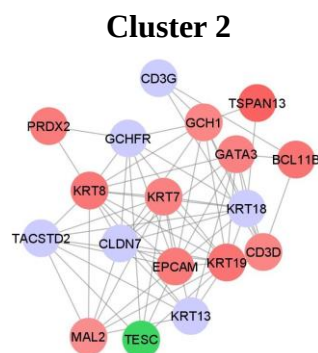
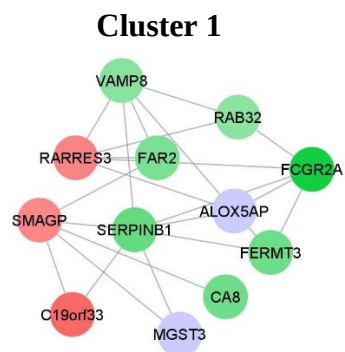
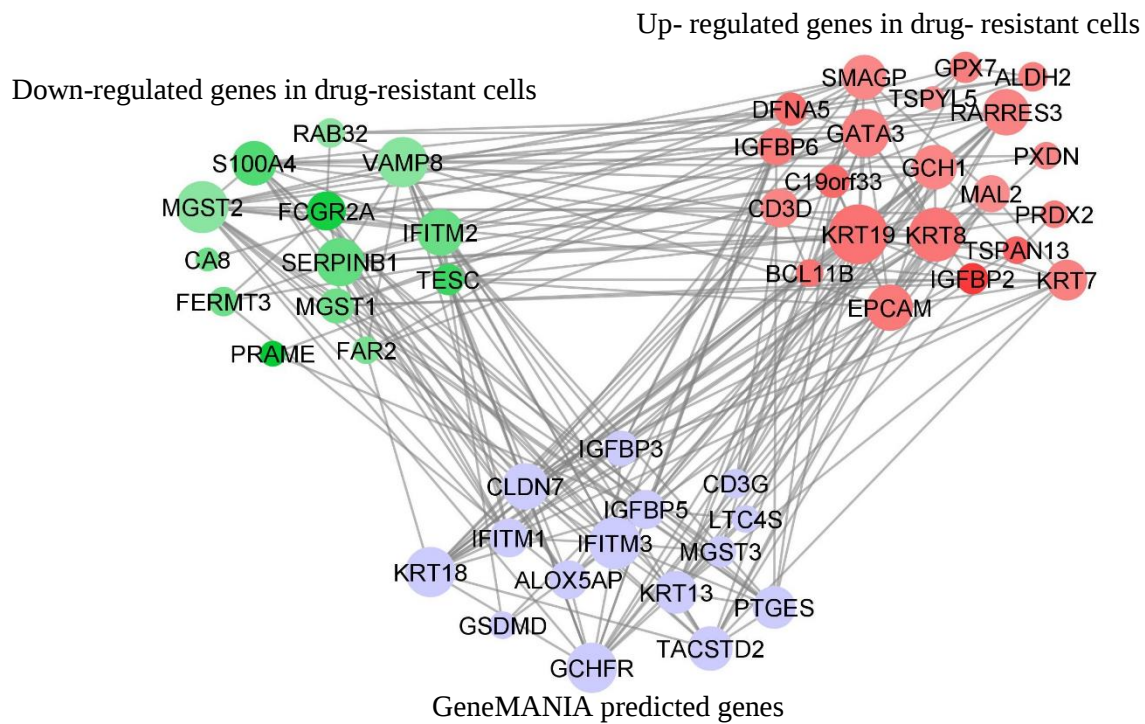


Figure S5: Gene co-expression network and clustered network. The co-expression network represents up- (red) and down-regulated genes (green) and GeneMANIA-predicted genes (blue), top hub genes detected by node degree (node size proportional to node degree) and clustered networks using Glay; (I) Foretinib, (II) Selumetinib, (III) Trametinib, (IV) CI-1040.