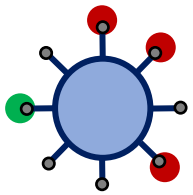
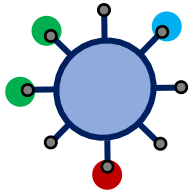
Kinase inhibitor screen



Kinobeads pulldown

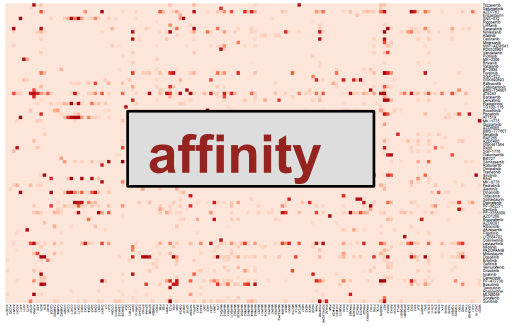


Drug response assay

Linear regression model

Proteins

Drugs



X

Tumors / cell lines

Proteins

$$\begin{pmatrix} ß_{11} & ß_{12} & ß_{13} & ß_{14} \\ ß_{21} & ß_{22} & ß_{23} & ß_{24} \\ ß_{31} & ß_{32} & ß_{33} & ß_{34} \end{pmatrix}$$

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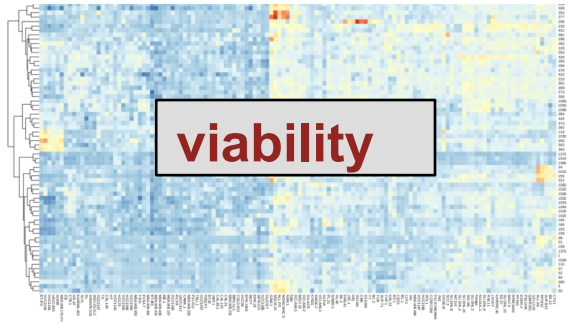
Tumors / cell lines

Drugs



Protein Dependence Matrix