Cancer datasets downloaded

\[\downarrow\]

Data QC, normalisation and probe annotation

\[\downarrow\]

(A and B chips merged)

Pairwise Pearson correlations calculated and stored

\[\downarrow\]

Network construction of graphs derived from individual datasets using correlations above selected threshold followed by MCL clustering

\[\downarrow\]

Analysis and annotation of graph structure using external resources

44K probes common to all arrays selected

\[\downarrow\]

Pairwise Pearson correlations calculated and stored for each dataset

\[\downarrow\]

Mean pairwise Pearson correlations calculated

\[\downarrow\]

Network construction and MCL clustering of graph of mean correlations >0.6

\[\text{No. of Nodes (thousands)}\]

\[\text{No. of Edges (millions)}\]

\[\text{Pearson Correlation Coefficient}\]