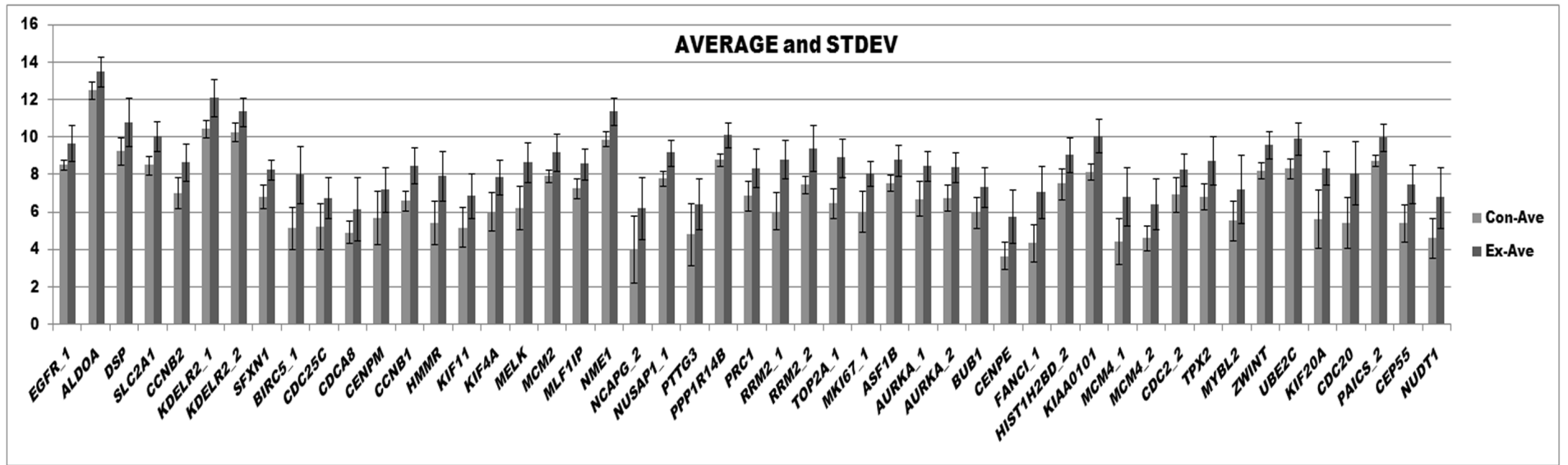
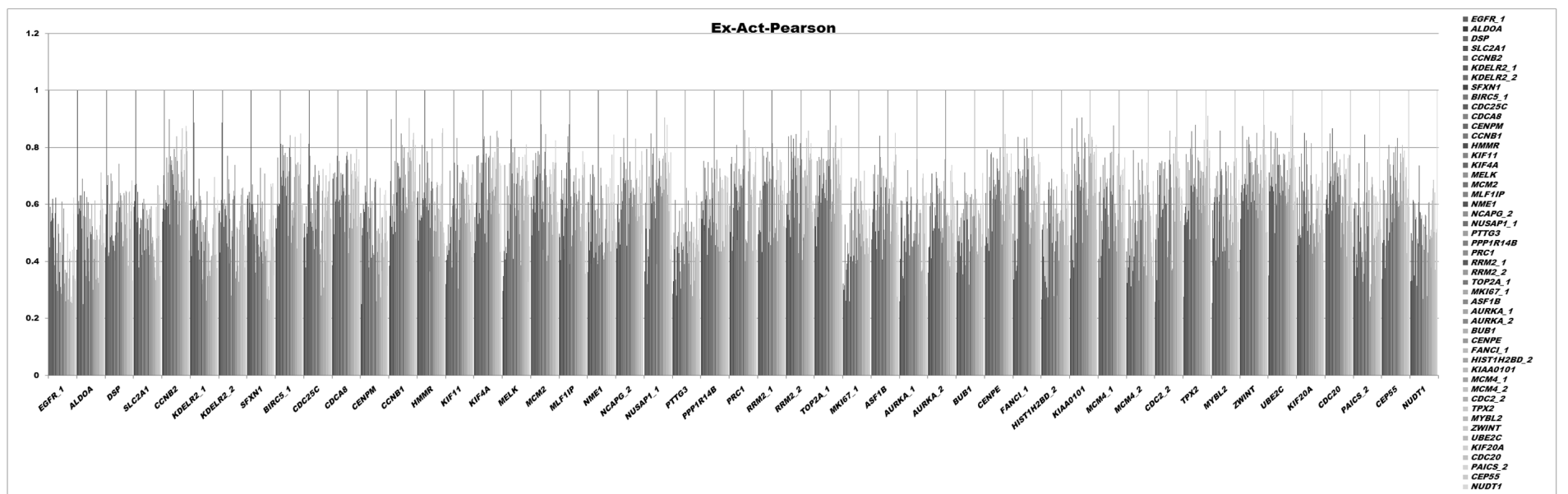


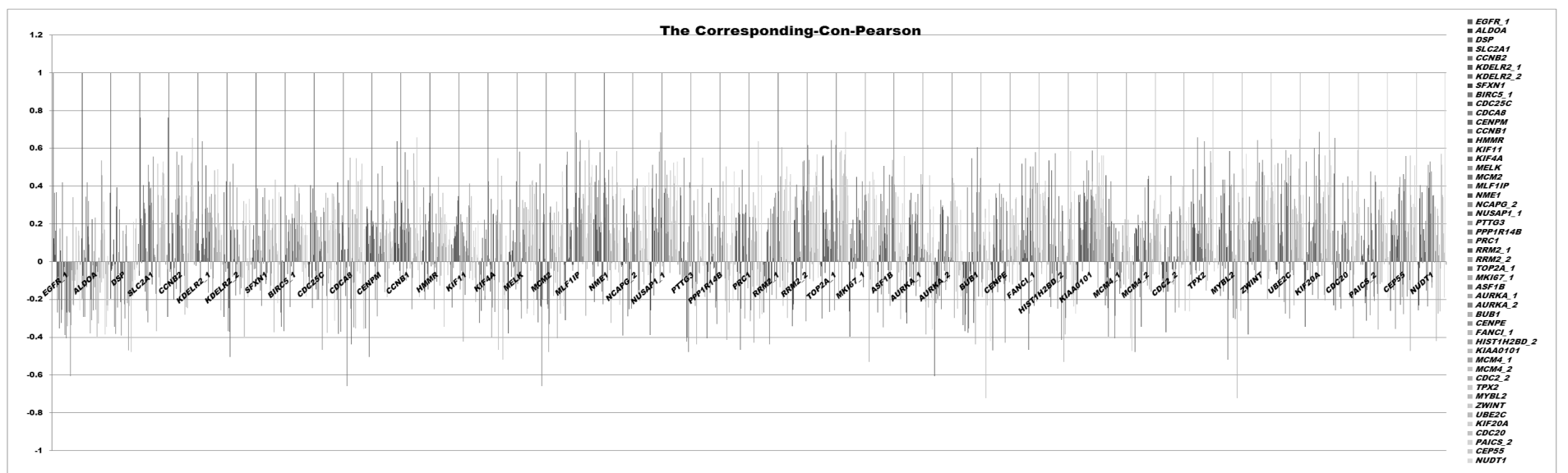
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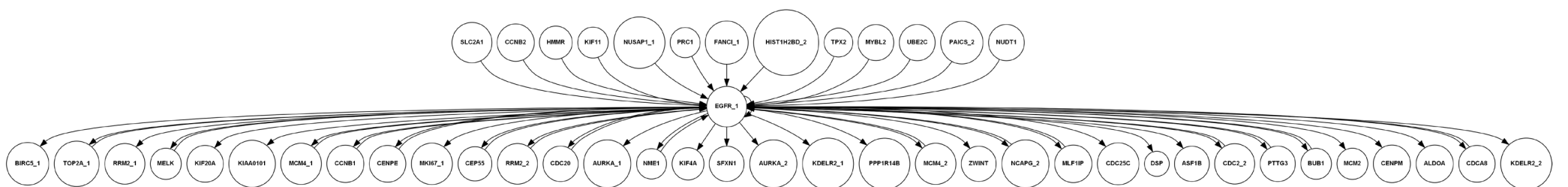
B



C



Supplementary Figure 1 (A) Gene expression values of *EGFR_1*-activatory different mutual Pearson positive correlation molecules in high lung adenocarcinoma and the corresponding low human normal adjacent tissues by AVERAGE and STDEV measurement. **(B)** Vertical quantification chart of *EGFR_1*-activatory different molecular mutual Pearson positive correlation coefficients in high lung adenocarcinoma. n=25. **(C)** The corresponding correlation coefficients in low human normal adjacent tissues. n=25. Con, human normal adjacent tissues; Ex, lung adenocarcinoma; Act, activation.



Supplementary Figure 2 *EGFR_1*-activatory molecular network of high lung adenocarcinoma by GRNInfer. n=25. Black arrow represents the activation relationship and empty circle as the inhibition one. Con, human normal adjacent tissues; Ex, lung adenocarcinoma; Act, activation.

