Supplementary File 1

A real example of cross shaped co-expression pattern. The gene expression data of this example (i.e. GDS4336 dataset) is from pancreatic ductal adenocarcinoma tumor tissues and adjacent non-tumor.

As it is indicated, expression levels of genes C5 and Elmo1 are positively correlated (r_1 = 0.29) in tumor samples (orang), while there is an inverse correlation (r_2 = -0.91) between C5 and Elmo1 expression levels in non-tumor samples (blue).

