About MAMA score

The MAMA score was calculated from gene expression and sequence similarities. The following examples will help clarify how this score is related to gene expression and sequence similarities.

How to calculate MAMA score

CR: Cover ratio CR = N(x|y)/N(y) N(x|y): number of genes that have x bp of identical sequence to a candidate sequence and upregulated y-folds

N(y): number of genes upregulated y-folds



MAMA scores become higher if identical sequences are enriched in upregulated genes.

Kakei et al. Additional file 2