An introduction to GAGA

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Is this thing on?

Introduction - why we wrote gaga, the type of input data (SNVs - and reference our papers) and the basic outputs (phylogenies, proportions and heatmap)

How it works Overview of genetic algorithms and the string encoding each individual.

Unsure whether to put this in how it works, probably best as an introduction in the worked examples: Discussion that you might get a different answer every time and that the number of clones is probably the most important variable. The user MUST cycle through a number of clones and choose the lowest number of clones with the best answer. INCLUDE SAMPLE CODE!

Worked examples: 1.) Synthetic data as a proof of principle. Note the inclusion of the jittered data (explain the jitter) and show that it works] 2.) The yeast data, as it's REAL data and has a definite answer 3.) Perhaps include the data from the recent LM paper?