

Making libraries for new microarray probes

Armed with groups of tags identified with organisms based on peak clustering, the GST tag can serve as a PCR priming site, along with cassettes ligated onto the fragment enzyme site. Depending on enzyme choices, these PCR products can fall comfortably in the 50 to 500 bp size range. This provides a quick entry point for detailed study of novel organisms, and also rapidly generates large amounts of sequence for making new microarrays to test for the new organism(s).

GST

Bam



Typical extension length ~ 300 bp

