



- **Custom BAC Libraries**
- **DNA Library Screening Services**
- **Maximum Quality**



DNA Experts Focusing On Your Research

IS YOUR ASSEMBLY WRONG? USE BAC CLONES TO GET THE CORRECT ASSEMBLY!



Custom BAC Libraries

Amplicon Express is world renowned for its excellence in BAC library construction. We made over 2,000 BAC libraries in ~2 decades of Business! Our protocols are optimized for constructing high quality BAC libraries with fast turnaround times. We guarantee average insert sizes of 115kb or larger. We specialize in delivering high-quality libraries from difficult-to-work-with starting materials.

BAC Library Screening

We have more than 20 years of library screening experience with all kinds of organisms, especially for very difficult regions of interests (duplicated regions, high GC regions, complex targets).

Library Screening Services for a rapid and accurate screening of custom or previously made BAC libraries. Amplicon Express offers the following services and tools for screening BAC libraries:

- **Pools of Superpools®**: PCR-based Pools and Superpools technology to screen library up to 3,000 times. A powerful tool to find your clones of interest.
- **Nylon Filter Sets**: Screening using DNA/DNA hybridization.

WHY BAC LIBRARIES are ESSENTIAL:

- BAC clones are from one specific allele (~100Kb to 200Kb stretches).
- BAC Libraries allow you to determine haplotype & phase of each chromosome/allele.
- Sequencing BAC clones can simplify a complex genome assembly from ~100Kb to 200Kb fragments.
- BAC clones connect the computer genome assembly data to the wet lab.



For orders and enquiries, please contact us:

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