Product: GenMap Human BAC Clones  
Catalog #: BHS1023

Dr. Vivian Cheung’s lab at the University of Pennsylvania has created a resource of mapped BAC clones that span the human genome at a resolution of 1Mb. The clones in this collection are from the Roswell Park RPCI-11 human male BAC library. The clones were mapped by filter-hybridization and verified by STS-content PCR. Clones are anchored to STS markers from the GeneBridge4 RH map or from chromosome-specific YAC maps.

Storage

4°C for up to one week  
-80°C indefinitely

Product Description

Bacterial culture of E. coli LB broth with an inert growth indicator + 8% glycerol + chloramphenicol (black cap) at a concentration of 25µg/mL.

Making a stock culture

Once the clone has been streak isolated and the identity of the strain has been confirmed, we recommend making a stock of the pure culture. Grow the pure culture in LB broth + chloramphenicol at a concentration of 25µg/mL. Transfer 920µL of culture into a polypropylene tube and add 80µL sterile glycerol to make an 8% glycerol freezing solution. Vortex the culture to evenly mix the glycerol throughout the culture. The culture can be stored indefinitely at -80°C.

BAC clone details

Library of origin: RPCI-11 human BAC library  
Tissue library was constructed from: Blood from a male donor  
Vector: pBACe3.6  
Average insert size: 174Kb

Map and sequence information for the vector

pBACe3.6 - Map can be found at http://www.chori.org/bacpac/pbace36.htm  
(See Figure 1)  
Sequence: Genbank accession - U80929  
Figure 1: Vector map of pBACe3.6

Webshot courtesy of Children’s Hospital Oakland Research Institute website.

Useful websites and references

Information on the RPCI-11 library http://www.chori.org/bacpac/

Information on Dr. Cheung’s collection http://genomics.med.upenn.edu/genmapdb/
