



Express Biotech Int'l.
503 Gateway Drive West
Thurmont, MD 21788 USA

Tel: 301.228.2444
Fax: 301.560.6570
Email: info@xpressbio.com
Web: www.xpressbio.com

Certificate of Analysis

NIH_MGC_368 Rat Embryonic Liver Normalized cDNA Library

Date: April 4, 2007

Tissue description: Fifteen day old male/female mix of embryonic liver tissue from BN/NHsdMcwi rats.

Vector: pExpress 1 (Not I—Eco RV)

Cells used for Electroporation: DH10B *E. coli* bacterial cells, T1 phage resistant

Diluent: 80% SOC:20% Glycerol

Number of Tubes: 1

Total Volume: 1 ml

Titer: 5×10^9 cfu/ml

Average insert size: 1.4 kb

Recombinants: 92%

Actin reduction: 90-fold reduction compared to primary library

Storage conditions: -80° C

Primer(s) for sequencing: M13FWD GTA AAA CGA CGG CCA GT
M13REV CAG GAA ACA GCT ATG AC

This product is distributed for laboratory research use only. CAUTION: Not for diagnostic use. The safety and efficacy of this product in diagnostic or other clinical uses has not been established. XpressBio provides innovative state-of-the-art cDNA libraries for life science research.