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Certificate of Analysis

NIH_MGC_234 Rat Heart Normalized cDNA Library

Date: April 4, 2007

Tissue description: Heart tissue from male and female Brown Norway-Line 3 rats 8 weeks old.

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: 2.2 kb

Recombinants: 96%

Actin reduction: 100-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

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