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Certificate of Analysis

Mouse Oocyte NIH_MGC_257 Normalized cDNA Library

Date: January 15, 2008 **Nov. 11, 2006**

Tissue description: Denuded mouse oocytes (11,000) arrested in meiotic prophase, isolated from 175 C57bl6/J (Jackson Labs) female mice, 25-27 days old.

Vector: pExpress 1 (Not I—blunt, 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, **1.25 ml**

Titer: at least 5×10^9 cfu/ml; **4×10^7 cfu/ml**

Average insert size: 1.2 kb; **1.3 kb**

Clone size range of QC (n=24): 0.65 to **3.65 kb**

Recombinants: 98%; **98%**

Actin reduction: 70-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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