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Certificate of Analysis

NIH_MGC_279 HSF-1.14 Human ESC Normalized cDNA Library

Date: December 3, 2008

Tissue description: Human male embryonic stem cells (HSF-1.14, NIH Registry designation UC01) derived from the inner cell mass of blastocyst stage embryos.

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

Diluent: 80% SOC:20% Glycerol

Number of Tubes: 1

Total Volume: 1.2 ml

Titer: 1×10^{10} cfu/ml

Average insert size: 1.8 kb

Recombinants: 98%

Actin reduction: 160-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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