

In the interest of conserving resources, we are no longer shipping manuals with products. Please visit www.clontech.com/manuals to obtain an electronic version.

PRODUCT: Mate & Plate™ Library - Human Testis

CATALOG No. 630470

LOT NUMBER: 1202299A

STORAGE CONDITIONS

Store all components at -70°C .
Do not refreeze.

SHELF LIFE

1 year from date of receipt under proper storage conditions.

SHIPPING CONDITIONS

Dry ice (-70°C).

mRNA SOURCE

Normal human testis pooled from 45 Caucasians, ages: 14-64; cause of death: sudden death

NOTE: No further information on the mRNA source was made available to Clontech.

DESCRIPTION

Human testis cDNA library transformed into yeast strain Y187. The library can be readily mated to a *MATa* GAL4 reporter strain, such as AH109 or Y2HGold (1).

PACKAGE CONTENTS

- 5 x 1.0 ml Mate & Plate Library - Human Testis
- 1 x 1.0 ml Mate & Plate Library - Control (pGADT7-T in Y187)

OTHER

- Matchmaker™ Gold Yeast Two-Hybrid User Manual (PT4084-1)
- pGADT7-Rec Vector Information (PT3530-5)

CLONING VECTOR: pGADT7-Rec

PRIMING METHOD: oligo-(dT)

YEAST GENOTYPE (Y187): *MAT α* , *ura3-52*, *his3-200*, *ade2-101*, *trp1-901*, *leu2-3, 112*, *gal4 Δ* , *gal80 Δ* , *met-*, *URA3 :: GAL1_{UAS}-GAL1_{TATA}-LacZ*, *MEL1*

FOR RESEARCH USE ONLY

QUALITY CONTROL DATA

1. Library Construction Notes

This library was constructed using homologous recombination-mediated cloning directly in the Y187 yeast strain.

2. Library Information

- | | |
|----------------------------------|-----------------------------|
| A. Titer (yeast colonies): | $\geq 5 \times 10^7$ cfu/ml |
| B. Number of independent clones: | 1.4×10^7 |
| C. Insert size range: | 0.5 to ≥ 3 kb |

The insert size range is determined by examination of an agarose/EtBr gel of the cDNA prior to cloning.



Clontech

United States/Canada
800.662.2566

Asia Pacific
+1.650.919.7300

Europe
+33.(0)1.3904.6880

Japan
+81.(0)77.543.6116

Clontech Laboratories, Inc.
A Takara Bio Company
1290 Terra Bella Ave.
Mountain View, CA 94043
Technical Support (US)
E-mail: tech@clontech.com
www.clontech.com

Continued on back of page.

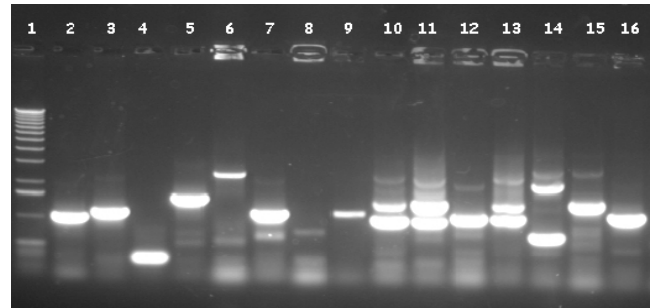
(PA8Y2967)

QUALITY CONTROL DATA continued**3. Library Insert Size Range Analysis**

15 yeast colonies were randomly picked and then screened by PCR using the Matchmaker™ AD LD-Insert Screening Amplimer Set (Cat. No. 630433)

15 of 15 colonies contained inserts as determined by PCR.

Lane 1. 1-kb DNA ladder
2. 0.92 kb
3. 1.02 kb
4. 0.38 kb
5. 1.33 kb
6. 2.25 kb
7. 0.97 kb
8. 0.66 kb
9. 0.99 kb
10. 1.15 kb
11. 1.12 kb
12. 0.82 kb
13. 1.15 kb
14. 1.69 kb
15. 1.09 kb
16. 0.86 kb

**REFERENCES**

1. Pretransformed Mate & Plate™ Libraries (January 2008) *Clontechniques* XXIV(1):26-27.

Mate & Plate™ Library - Human Testis

CATALOG NO.

630470

NOTICE TO PURCHASER:

Our products are to be used for research purposes only. They may not be used for any other purpose, including, but not limited to, use in drugs, in vitro diagnostic purposes, therapeutics, or in humans. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without prior written approval of Clontech Laboratories, Inc.

Your use of this product is also subject to compliance with the licensing requirements listed below and described on the product's web page at <http://www.clontech.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

TRADEMARKS:

Clontech, the Clontech logo and Mate&Plate are trademarks of Clontech Laboratories, Inc.

All other marks are the property of their respective owners. Certain trademarks may not be registered in all jurisdictions. Clontech is a Takara Bio Company. ©2015 Clontech Laboratories, Inc. This document has been reviewed and approved by the Clontech Quality Assurance Department.

Clontech Laboratories, Inc.

A Takara Bio Company

1290 Terra Bella Avenue, Mountain View, CA 94043, USA

U.S. Technical Support: tech@clontech.com

11/20/2015

United States/Canada

Asia Pacific

Europe

Japan

800.662.2566

+1.650.919.7300

+33.(0)1.3904.6880

+81.(0)77.543.6116