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## PRODUCT: Matchmaker™ AD LD-Insert Screening Amplimer Set

**CATALOG No.** 630433

**LOT NUMBER**

Specified on product label.

**STORAGE CONDITIONS**

-20°C in a constant temperature freezer (not "frost-free")

**SHELF LIFE**

1 year from date of receipt under proper storage conditions.

**SHIPPING CONDITIONS**

Blue ice (4°C) or dry ice (-70°C)

**FOR RESEARCH USE ONLY**

**DESCRIPTION**

PCR primers for amplifying and sequencing cDNA inserts in GAL4 Activation Domain (AD) Vectors by either long-distance PCR (LD PCR) or conventional PCR (when the expected insert size is less than 2–3 kb). This Amplimer Set can be used with libraries in the following GAL4 AD Vectors: pGAD10, pGAD424, pGAD GL, pGAD GH, pACT, λACT, pACT2, and λACT2.

**PACKAGE SIZE:** 100 assays

**SEQUENCE INFORMATION**

*See following pages.*

**PACKAGE CONTENTS**

- 100 µl 5' Amplimer (20 µM)
- 100 µl 3' Amplimer (20 µM)
- User Manual (PT1579-1)
- Protocol-at-a-Glance (PT1579-2)

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**QUALITY CONTROL DATA**

The Amplimer Set was tested by amplification of a 2.1 kb insert from a recombinant pGADT7-T clone using Advantage™ 2 Polymerase Mix and the LD-Insert Screening Protocol (PT1579-1). When the PCR product was electrophoresed on a 1.2% agarose/EtBr gel, a single major PCR product of 2.1 kb was observed.



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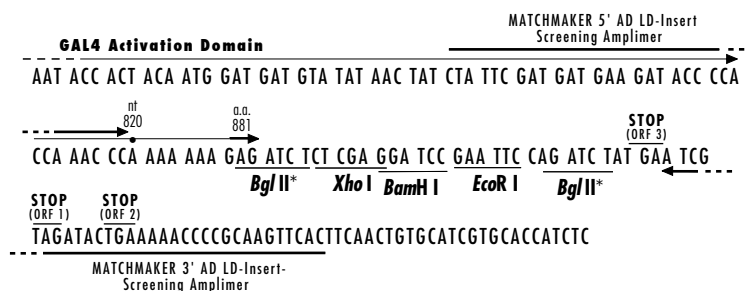
APPROVED BY: \_\_\_\_\_

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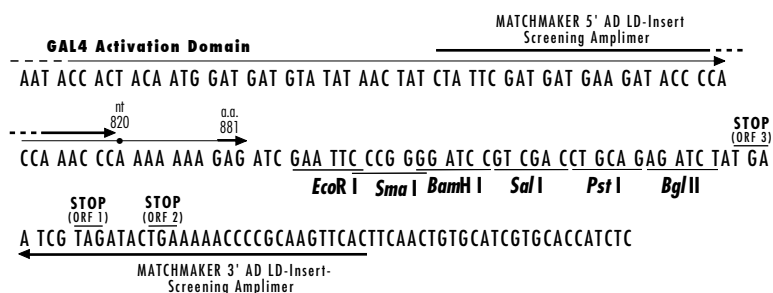
Matchmaker™ AD LD-Insert Screening Amplimer sequences

5' primer 5'-CTATTTCGATGATGAAGATACCCCACCAAACCC-3'  
 3' primer 5'-GTGAACCTGCGGGGTTTTCAGTATCTACGAT-3'

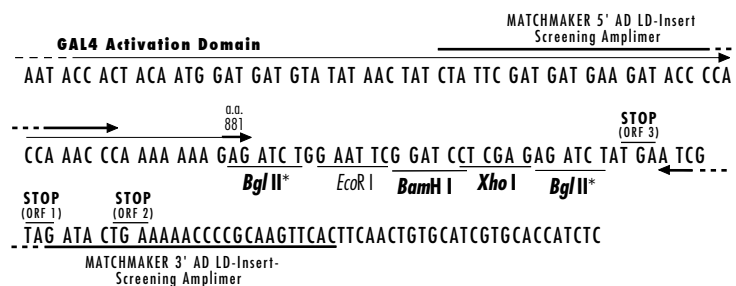
AMPLIMER LOCATIONS in pGAD10



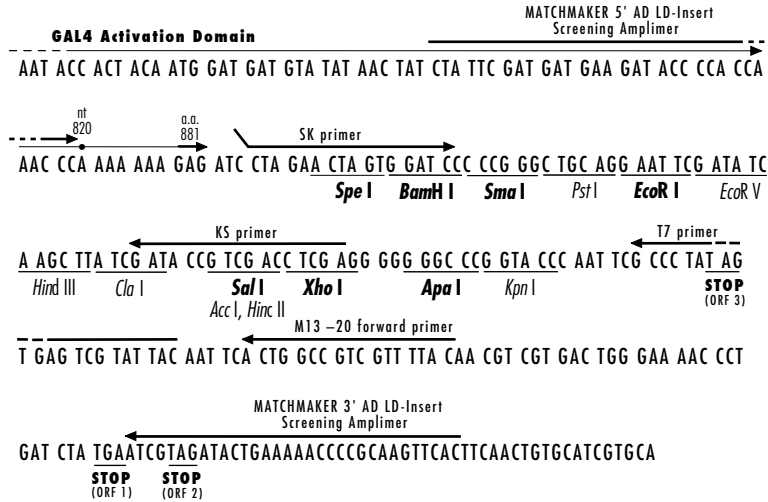
AMPLIMER LOCATIONS in pGAD424



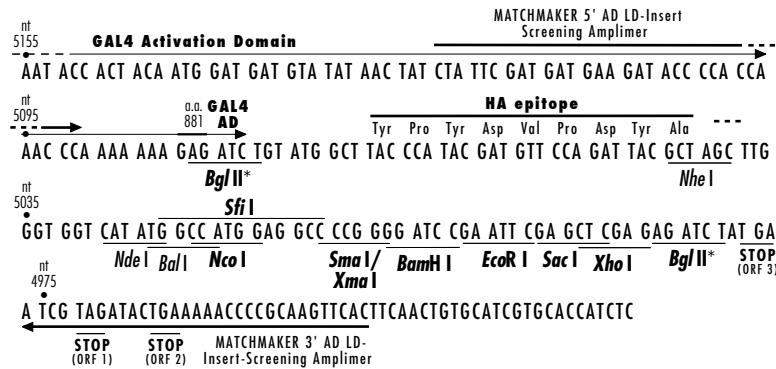
AMPLIMER LOCATIONS in pACT & λACT



**AMPLIMER LOCATIONS in pGAD GL & pGAD GH**



**AMPLIMER LOCATIONS in pACT2 & λACT2**



\* In these vectors, *Bgl II* sites can be used as one unique site for cloning.

**Notice to Purchaser**

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