




Product Sheet


# PhIF Activation Pair (TetR Homolog) (ATCC® SB-2005™)

Please read this FIRST



Storage Temp.  
4°C or colder

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Biosafety Level  
1

## Description

**Product Description:** This pair of product includes two plasmids: pENTR\_L1L2\_PhIF-VP64 contains an ATCC® synthetic activator, PhIF-VP64, (ATCC SB-1099®) and pENTR\_L4R1\_PhIF-pCYC1MIN contains an ATCC® synthetic promoter, PhIF-CYC1MIN, (ATCC SB1060®). They are two of DNA parts in the ATCC® Synthetic Biology Yeast Tool Kit for building gene circuits in yeast, *Saccharomyces cerevisiae*. Detail information of SB-1099 and SB-1060 can be found in these products' information and in the ATCC® [Synthetic Biology Solutions User Guide](#).

**Volume:** purified plasmid DNA (2 to 3 µg/vial)

## Components

### Synthetic activator:

pENTR\_L1L2\_PhIF -VP64 (ATCC SB-1099)

### Synthetic promoter:

pENTR\_L4R1\_PhIF -pCYC1MIN (ATCC SB-1060)

## Rehydration Procedure

Before opening the vial, centrifuge at 6,000 x g for 30 seconds. Add 20 µL of sterilized water to dissolve the DNA. Each vial contains 2-3 µg plasmid DNA.

## ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

## Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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