

# RT-PCR from Yao CK et al. (2017)

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## Abstract

This protocol describes the RT-PCR from 'Flower Ca<sup>2+</sup> channel in CME and ADBE' of Yao CK et al.

Please see the manuscript for the full method details.

**Citation:** Chi-Kuang Yao, Yu-Tzu Liu, I-Chi Lee, You-Tung Wang, Ping-Yen Wu RT-PCR from Yao CK et al. (2017). **protocols.io**

[dx.doi.org/10.17504/protocols.io.hgcb3sw](https://dx.doi.org/10.17504/protocols.io.hgcb3sw)

**Published:** 04 Apr 2017

## Materials

✓ TRIZOL reagent by Contributed by users

## Protocol

### Step 1.

Extract total RNA of different regions of adult rat brain with TRIZOL reagent according to the manufacturer's instructions.

### Step 2.

Mix 5 µg of total RNA with oligo-dT primer in 20 µl of reverse transcription reaction solution.

### Step 3.

Use 1µl of them to amplify cDNA of *ratFwe2* mRNA with specific primers

(forward primer: GAAGATCTATGAGCGGCTCGGTCGCC; reverse primer: CGGAATTCTCACAGTCCCCCTCGAATG).

**Step 4.**

Use Twenty-five PCR cycles to allow exponential PCR amplification.

**Step 5.**

Sequence the PCR products to validate the identity of *ratFwe2* mRNA.