



**Features:**

**roe = recombination cloning, over-expression**

1. white as selectable marker
2. attB/P site specific integration
3. Amp resistant
4. For over-expression
  - 10X UAS
  - HSP70 promoter
  - Two insulators
  - one ftz intron
5. To simplify cloning
  - Recombination method
  - Two steps, first step clone PCR fragment into Entry vector (PENTR/D TOPO or mENTRY); second step is recombination with this vector. Detailed procedure for small scale cloning can be found on the TRiP website: <http://flyrnai.org/TRiP-HOME.html>.

**PLEASE NOTE:** To amplify this vector you will need to use One Shot ccdB Survival 2 T1R Competent Cells (Invitrogen Cat. No. A10460), or other gateway competent cells.

682-4808, white; 4852- 5223, attB; 5229-5660, gypsy; 5678-5717, loxp; 5718-5827, 5XUAS; 5834-5867, loxp; 5874-6983, 5XUAS; 6987-6249; Hsp70; 6260-7994, attR; 8004-8153, ftz intron; 8027-8209, SV40 polyA tail; 8213-8913, gypsy; 8919-9350

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