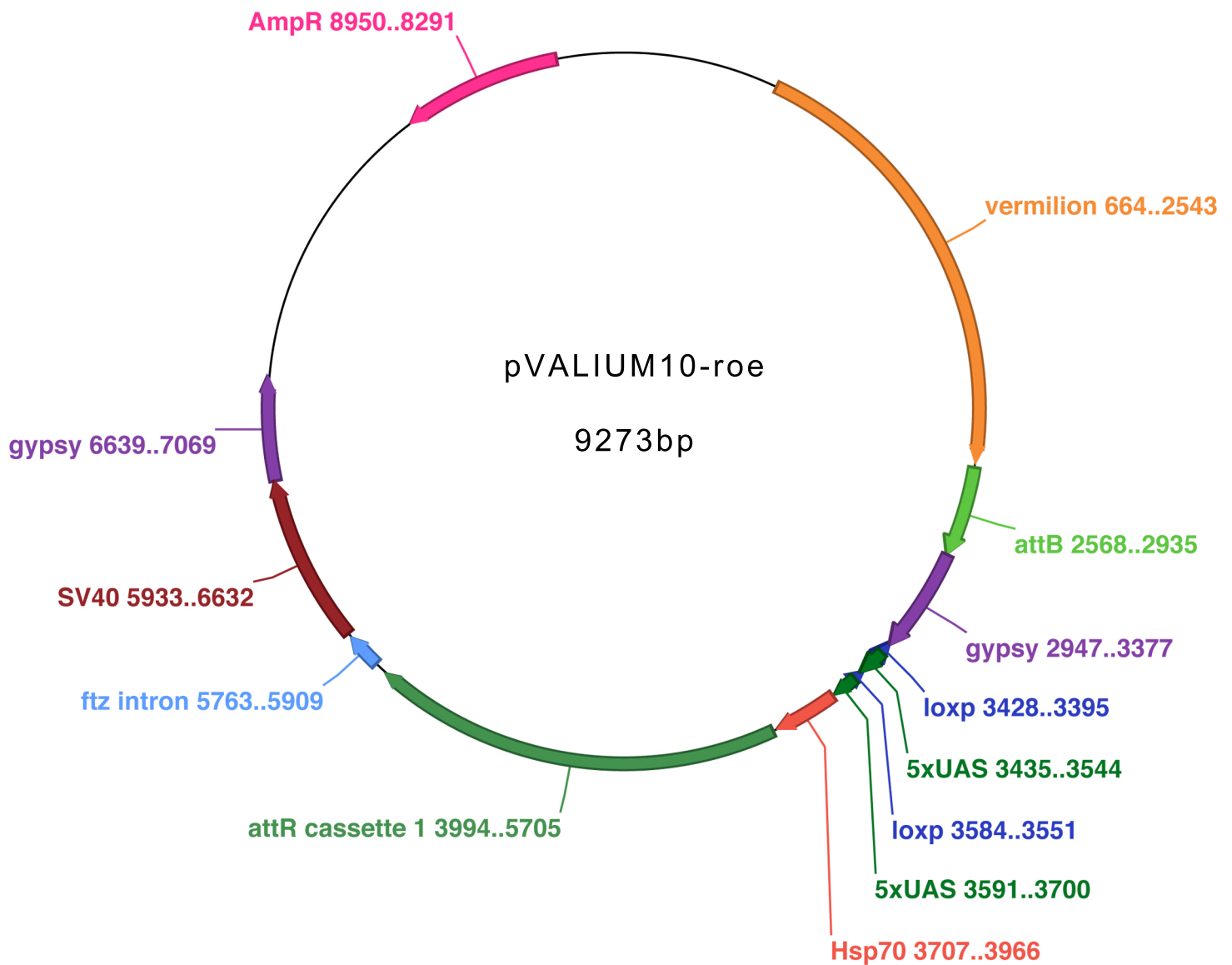




Features:

roe = recombination cloning, over-expression

1. Vermilion is the 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. Simplified cloning

- Recombination method
- Two step cloning:

1st - clone PCR fragment into Entry vector (pENTR/DTOPO or mENTRY)

2nd - recombination

The detailed cloning method can be found on the TRiP website: <http://flyrnai.org/TRiP-HOME.html>

664-2543,	vermilion
2568-2935,	attB
2947-3377,	gypsy
3395-3428,	loxp
3435-3544,	5xUAS
3551-3584,	loxp
3591-3700,	5xUAS
3707-3966,	Hsp70 promoter
3994-5705,	attR cassette 1
5763-5909,	ftz intron
5933-6632,	SV40 polyA
6639-7069,	gypsy

Accession number: GU931386

Jian-Quan Ni (jni@genetics.med.harvard.edu)

VALIUM10-roe: 9273bp

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