



Da-Zhi Wang, PhD. FAHA

Associate Professor Department of Pediatrics Harvard Medical School Boston, MA 02115 Staff Scientist Department of Cardiology Boston Children's Hospital Boston, MA 02115

Nandita Singh, Ph.D.

Senior Science Editor
JoVE

1 Alewife Center, Suite 20

1 Alewife Center, Suite 200, Cambridge, MA 02140

tel: 617-945-9051

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Dear Dr. Singh and editors:

Thank you for inviting us to contribute our study to JoVE. We are now submitting a revised manuscript entitled "**Preparation of rAAV9 to Overexpress or Knockdown Genes in Mouse Hearts**" for consideration for publication.

In this study, we describe the detailed procedure to construct, package and purify the rAAV9 vectors. Subcutaneous injection of rAAV9 into neonatal pups resulted in robust expression or efficient knockdown of the genes of interest in mouse hearts.

We have carefully addressed the comments of reviewers and editors and have revised the manuscript thoroughly.

Thank you in advance for your consideration.

Sincerely yours,

Da-Zhi Wang, PhD, FAHA

Associate Professor