

The [National Xenopus Resource](#) and [Xenbase](#) are pleased to be a part of the [Resource Identification Initiative](#), a project aimed at clearly identifying key research resources used in the course of scientific research. These key research resources include **model organisms, antibodies, databases, stock centers and software tools**.

This initiative will help disambiguate which resources and reagents (including frogs) were used in the research, promoting reproducibility, rigor, and transparency. Using identifiers, the RRID numbers, allows questions such as “who else used this frog?” or “which antibody did they use in that experiment, and where can I get it?” to be answered more easily. All *Xenopus* stocks supplied by the NXR now carry a RRID number. Over 2.4 million antibodies and 400+ data resources have RRIDs.

Many publishers, like Nature, Wiley, Elsevier, BMC, and PLoS are now directing authors to consult the portal [SciCrunch](http://scicrunch.org/resources) (<http://scicrunch.org/resources>) to retrieve RRID numbers. Authors just need to copy and paste the ‘**cite this**’ text for each reagent or resource, and include the citation in the Materials and Methods section of a manuscript. Click this link to see list of [participating journals](#) that will ask you to use RRIDs in your papers.

The format for citation is relatively straightforward, and we provide a range of examples below.

**Genetically modified organisms:**

"transgenic *X. laevis* were developed in J strain (RRID:NXR\_0.024), and the line *Xla.Tg(myI2:GFP)<sup>1Mohun</sup>* (NXR\_0.0027) was deposited with NXR (RRID:SCR\_013731)."

"The line *Xla.Tg(CMV:memGFP,cryga:mCherry)<sup>1NXR</sup>* (RRID:NXR\_0.0012) was obtained from the NXR (RRID:SCR\_013731)."

**Advanced workshops:**

"Imaging techniques, bioinformatics tools and genome editing information was learned at the NXR workshop on [date] (RRID:SCR\_013731)."

**Antibodies:**

"Sections were stained with a mouse monoclonal antibody against sarcomeric actin at 1:500 dilution (Sigma-Aldrich Cat# A2172 RRID:AB\_476695)."

**Database reference:**

"gene symbols follow Xenbase (<http://www.xenbase.org/> , RRID:SCR\_003280)."

"Phenotypes were described using anatomy terms from the XAO (<http://www.xenbase.org/anatomy/xao.do?method=display> , RRID:SCR\_004337)."

"Gene expression patterns between chick, frog and fish where compared using tools on Bgee (<http://bgee.unil.ch/bgee/bgee> , RRID:SCR\_002028)."

**Software tools:**

"We used SeqExpress (<http://www.seqexpress.com/> , RRID:SCR\_007075) to assign GO functional enrichment scores to clusters...."

Contact Xenbase for help with gene and transgenic naming: [xenbase@ucalgary.ca](mailto:xenbase@ucalgary.ca).  
Use the SciCrunch website to get RRIDs for *your* lab's frog lines or custom reagents.