

IRB BARCELONA DROSOPHILA INJECTION SERVICE

RULES

- Contact **Ainoa Olza** (ainoa.olza@irbbarcelona.org) to arrange a date and time to give the DNA for injection and start the injection process
- Mix **6mg of DNA** with **2 mg of delta 2-3 helper DNA**, precipitate it and resuspend it in **20ml of injection buffer**. The length of the DNA to be injected should be provided
- We use **w¹¹¹⁸** and **yw embryos** as hosts. Please cross the F1 with **w¹¹¹⁸** or **yw** (no balancers) to increase the frequency of transgenic flies
- People will be contacted by email once the injected larvae are ready
- Numbers of F1 flies, scored F2 flies and F2 red eyes flies carrying a transgene should be provided

INSTITUTE
FOR RESEARCH
IN BIOMEDICINE

PROTOCOL INJECTION BUFFER

(5mM KCl, 01mM Phosphatase buffer pH 6,8):

0.074gr KCl

10ml Stock Phosphatase Buffer pH 6,8

190ml H₂O

(Stock Phosphatase Buffer pH 6,8:

46.3ml Na₂HPO₄ 1M +53.7ml NaH₂PO₄ 1M)

IRB
Institut de Recerca Biomèdica
Parc Científic de Barcelona

Josep Samitier, 1-5
08028 Barcelona
Spain

Tel.: +34 93 403 4716
Fax: +34 93 403 4716