

Reporter High FiveTM XXL-GFP Cell line Induced by AcMNPV-DsRED Baculovirus Infection

Santiago Haase^{1*}, María Gabriela López², Oscar Taboga² and Víctor Romanowski¹

¹Institute of Biotechnology and Molecular Biology (IBBM), National University of La Plata, Conicet, Argentina

²Institute of Biotechnology, CICVyA, INTA Castelar, Argentina

Clinical Image

The images correspond to a transgenic cell line derived from the lepidopteran cell line High FiveTM that was engineered to express GFP under the control of the AcMNPV (Autographa californica Multiple

Nucleopolyhedrovirus) polyhedrin promoter.

This transgenic cell line (named XXL-GFP) was infected with an AcMNPV that expresses the red fluorescent protein (DsRED) under the control of the polyhedrin promoter. Thus, red fluorescence acts as a marker of the baculovirus infection and green fluorescence acts as a marker of the cell line transgene expression. Images a-b and c-d correspond to the same frame with Red (a and c) or Green (b and d) excitation fluorescence filters.

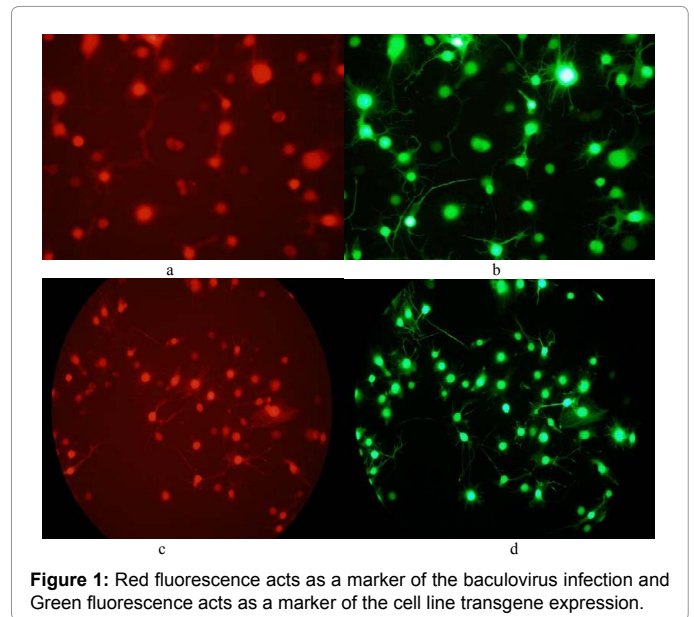


Figure 1: Red fluorescence acts as a marker of the baculovirus infection and Green fluorescence acts as a marker of the cell line transgene expression.

***Corresponding author:** Santiago Haase, Institute of Biotechnology and Molecular Biology (IBBM), National University of La Plata, Conicet, Argentina, Tel: +54-221-422-97; E-mail: shaase@biol.unlp.edu.ar

Received May 27, 2015; **Accepted** May 28, 2015; **Published** June 01, 2015

Citation: Haase S, López MG, Taboga O, Romanowski V(2015) Reporter High FiveTM XXL-GFP Cell line Induced by AcMNPV-DsRED Baculovirus Infection. Clon Transgen 4: i102. doi: [10.4172/2168-9849.1000i102](https://doi.org/10.4172/2168-9849.1000i102)

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