

# Printout

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## COPYRIGHT PERMISSION LETTER

**Life Technologies Corporation, a part of Thermo Fisher Scientific Inc. grants to:**

**Requesting Organization:** The Gene Regulatory Evolution Lab, Department of Biology, University of Iowa

**Organization Contact:** Hanxi Tang and Bin He, Ph.D.

**Address:** 129 E Jefferson St, Iowa City, IA 52245

**E-mail:** hanxi-tang@uiowa.edu; bin-he@uiowa.edu

**Telephone number:** 515-710-8183

**Authorization to use the following Copyrighted Property:**

Title/description of Copyrighted Property: Product Manual for L3492 Live/Dead FungaLight Yeast Viability Kit

Copyrighted Property Request Details: We intend to use the FungaLight example flow cytometry plot (Figure 1B) from the user manual. We want to show the plot as expected flow cytometry patterns for FungaLight stained cells. We would like to use this as a part of a publication we are preparing for that focuses on using FungaLight in several species of yeast and for several types of stress. We also would like to use it in Hanxi Tang's thesis for her M.S. in biology degree. She will also use it in her thesis seminar slides, and the seminar will be attended by faculty, graduate students, and undergraduate students in the department. All of the usage above will be in an academic context. We plan to copy and paste the exact figure or reproduce the figure in a very similar fashion.

Additional Details: Image

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Thank you for your cooperation.

Date: June 10, 2024

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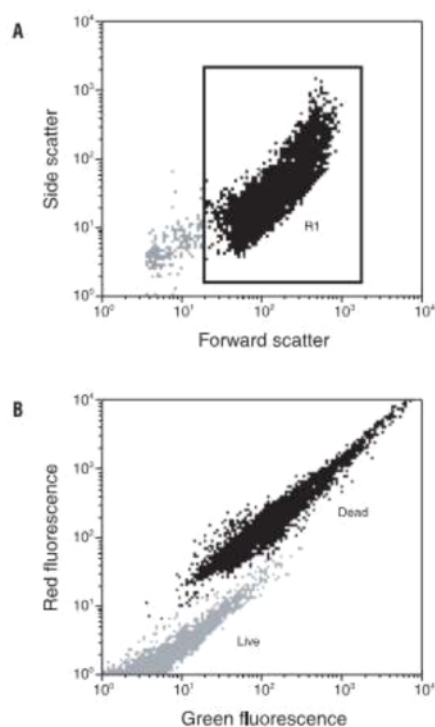
Vice President & General Counsel, Life Science Solutions Group

Date: June 12, 2024

Requestor's Signature

## Exhibit A

Copyrighted Property  
Attached hereto



**Figure 1.** *Saccharomyces* spp. cell suspensions stained with SYTO<sup>®</sup> 9 dye and propidium iodide and analyzed using a BD FACSCalibur<sup>™</sup> flow cytometry system (Becton Dickinson and Co.). Panel A shows the dot plot of forward scatter vs. side scatter of an untreated *Saccharomyces* culture, washed and stained with SYTO<sup>®</sup> 9 dye and propidium iodide as described in the protocol. The region R1 contains particles of the appropriate size for yeast cells; the forward scatter trigger is set to exclude debris in the sample. Panel B shows the R1-gated staining pattern obtained following analysis of a sample of yeast containing a mixture of both live and heat-killed cells.