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Submission of manuscript by Smurthwaite, CA *et al* to the Journal of Visualized Experiments

To the Editor/s of Jove:

I am pleased to submit our manuscript entitled 'Genetic Barcoding with Fluorescent Proteins for Multiplexed Applications' by Cameron Smurthwaite, Wesley Williams, Alexandra Fetsko, Darin Abbadessa, Zachary Stolp and Roland Wolkowicz to the Journal of Visualized Experiments. In this manuscript we describe in detail how we have obtained the data described in our recently published manuscript in the journal of Cytometry part A. Here we further describe in a more visualized and descriptive manner how we utilized our fluorescently genetically barcoded cells to produce panels of distinct populations, and the importance of selection of fluorescent proteins and correct compensation. We also show in a new experiment, how a panel of fluorescently barcoded cells is used for an independent assay in a multiplexed format. We consider this article to have a strong impact in a visualized fashion. We thus believe this manuscript is of interest to the scientific community and we are delighted to submit it for your consideration in JoVE.

Author Contributions

Cameron A. Smurthwaite: Designed and performed experiments, discussed results and wrote manuscript  
Wesley Williams, Discussed results and wrote manuscript  
Alexandra Fetsko, Performed experiments, discussed results and wrote manuscript  
Darin Abbadessa, Performed experiments, discussed results and wrote manuscript  
Zachary D. Stolp Performed experiments, discussed results and wrote manuscript  
Roland Wolkowicz Designed experiments, discussed results, wrote and edited manuscript

JoVE editors who have assisted in the submission

Eric Veien

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