Dear Author(s),

1 Alewife Center, Suite 200 Cambridge, MA 02140 tel. 617.401.7770, ext. 701 www.JoVE.com

This document is divided into a number of sections in which you can add your comments to the video, voiceover, and online text/PDF. Please be aware that our policy is to do a single complimentary revision, so it is critical that all participants in this project offer their comments collectively. In addition, please make sure that your comments are easily interpreted and transparent.

Have fun!

<u>Protocol Name:</u> Quantification of Ethanol Levels in Zebrafish Embryos Using Head Space Gas Chromatography

Date: 1/8/2020

Authors and Affiliations

Please fill in any missing author information not included in the video.

Order	Author	Affiliation	Email

Cambridge, MA 02140 tel. 617.401.7770, ext. 701

1 Alewife Center, Suite 200 www.JoVE.com

Video Comments

Please fill in any comments you wish to make using the table below using the example as a guide. If you need more space to write, please do so below the table. DO NOT ADD CORRECTIONS TO THE NARRATION HERE. PLEASE DO THIS IN THE AUDIO COMMENTS SECTION.

	Time	Comment	Requested Change
	code		
1.	1:02	Onscreen text says use "24 hpf embryos"	Text should say "24 hpf embryos were used in this analysis"
2.	1:49	Video shows Talent removing fluid from a microcentrifuge tube and then adding fluid back to the tube to demonstrate removing fluid for measuring embryonic volume. When calculating embryonic volume. Fluid is removed from the tube with embryos and measured on a scale. No fluid is subsequently added to the tube of embryos.	If possible only show talent removing fluid from tube and NOT replacing the fluid in the tube.
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Audio Comments

This section is used to specify the changes that need to be made to the narration. Please follow the example below as a guide to list your changes. If there is a pronunciation change, please provide a phonetic pronunciation key.

	Time	Comment	Step(s)	Rewritten Text or Corrected
	code		in	Pronunciation (highlight in bold)
			Shotlist	
1.	2:00	Original Script text: "Then determine the	2.5.2	Rewritten Script text: "Then determine the volume of the
		volume of the 10		10 embryos by subtracting the
		embryos by subtracting		weight of the removed water from
		the volume of the water from 250 µL"		250 μL."
2.	4:13	Original Script text:	8.1.1	Rewritten Script text:
		"Fill out the sample list,		""Fill out the sample list, starting
		then enter in the		with the air, water, 5 M
		standards in order,		NaCl/protease cocktail blanks.
		from 0.3125 to 40 mM.		Then enter in the ethanol
		Follow the standards		standards in order, from 0.3125 to
		with a second round of		40 mM. Follow the standards with
		blanks."		a second round of the blanks."
3.	5:31	Original Script text:	9.4	Rewritten Script text:
		"Obtain the ethanol		"Obtain the ethanol value for each
		value for each sample		sample by subtracting the peak
		by subtracting the Y		height of the sample from the Y
		intercept of the		intercept of the standards and
		standards from the		dividing this value by the slope of
		peak height for the		the standards."
		sample and dividing		
		this value by the slope		
		of the standards."		
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Online Text/PDF Protocol

Please use this table to address changes that need to be made to the online text/PDF document. Both the online text and PDF are generated from the HTML template of your article. Since the PDF is generated from the HTML by our conversion software, it may contain formatting errors. For major structural changes or more than 10 spelling or grammatical mistakes, we will require re-upload of the entire document.

	Protocol Step	Comment	Requested Change (highlight in bold)
1.	9.4	Step says "subtract the Y intercept of the ethanol standards from the peak height for the sample."	Please correct to "subtract the peak height of the sample from the Y intercept of the ethanol standards."
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