

Order #4033

Label: Drosophila ddRAD Library Sequencing

Status: Placed

Customer: Kieran Samuk

Lab: Mohamed Noor, Duke University

Payment channel: 3332107

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Placed at: 04/03/2017

Platform: Illumina HiSeq 4000 libraries and/or sequencing

Quantity	Code	Description	Unit price	Line price
1	I-L-000	No libraries, no pooling	\$0.00	\$0.00
1	I-S-340	HiSeq 4000 150bp PE - 1 lane	\$2,265.00	\$2,265.00
			Total price:	\$2,265.00

Pricing is for labs at Duke University.

Comments: Kieran Samuk:

Hi!

I would like to submit two ddRAD libraries, but have them sequenced in a single lane. Based on my consultation with Nicolas, I would like two things done prior to sequencing:

1. A gel size selection in the range of 300-500bp. I'd like to request that the two samples be run on the same gel (e.g. in different lanes) but *kept separate prior to pooling*.

2. In addition to the other QC steps, a qPCR for the Illumina adaptor to ensure a precise concentration estimate. Nicolas suggested that this was a good idea for RAD libraries. Note, if the two libraries are too low concentration after this step, I'd like to have them returned so I can run additional PCR cycles on them.

3. If the concentrations are sufficiently high after qPCR, I'd like the two libraries pooled in the following ratio (based on the qPCR concentrations):

1 unit of Plate 1 : 0.83 units of Plate 2

(Plate 2 is only composed of 77 samples, whereas Plate 1 is 96 samples).


Please let me know if you have any questions or concerns.

Best,

Kieran Samuk, PhD

Noor Lab

Department of Biology

3 days ago 

Nicolas Devos:

Hi Kieran,

We ll do as requested. I ll add the charge for the size selection a bit later if that s ok. I still need to calculate exactly how much it costs in reagents. As mentioned it ll be around \$50.

Best

Nicolas

2 days ago 