

Submit Tracefiles

On the BOLD website: <http://v4.boldsystems.org>
Left side menu, go to **Projects > View All Projects**
On main page: select project **ARIQ**

For each of your specimens:
Find the specimen listing on the Record List page
Click on the "Sequence Page" entry for the specimen (something like **ARIQ00x-17**)
On the resulting window, click **Upload Trace**
Fill in the form this way:

Upload Traces

Marker: COI-SP

Sequencing Lab: Laragen

Select My Institution
Or type in the name of your institution and select it from the drop-down list of matches.

PCR Forward Primer: jgLCO1490

PCR Reverse Primer: jgHCO2198

Sequencing Primer Direction: Forward Reverse

Sequencing Primer: Select Sequencing Primer

Upload up to 4 trace files and phred files. (Phred files are not required for trace upload)

Trace 1:	Choose File	no file selected	Phred 1:	Choose File	no file selected
Trace 2:	Choose File	no file selected	Phred 2:	Choose File	no file selected
Trace 3:	Choose File	no file selected	Phred 3:	Choose File	no file selected
Trace 4:	Choose File	no file selected	Phred 4:	Choose File	no file selected

Upload Close

Pick the correct direction for this tracefile:
jgL is forward
jgH is reverse

feedback

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Use **Choose File** to select the correct tracefile, then click **Upload**
Repeat for each tracefile (normally, each sequence has one forward and one reverse)

Submit Sequences

On the BOLD website: <http://v4.boldsystems.org>
Left side menu, go to **Projects > View All Projects**
On main page: select project **ARIQ**
On the left side menu: select **Uploads > Sequences**
For each of your sequences, fill in the form this way:

v4.boldsystems.org/index.php/MAS_DataCollection_SequenceSub?code=ARIQ

B Sequence Submission

Required fields for submission are marked in red.

Select ID: Sampleid Must change to Sampleid

Markers: COI-5P

Run site: Laragen

Select the institution responsible for generating the sequences listed by beginning to type in the name. BOLD will return matches in a drop down box, and clicking on a name will select it. If the institution is not listed, please register it.

Paste sequences in fasta format:

>LACM:DISCO-0000

```
GGGACTCTATACITTTTGTAGGGGTATGGTCCGCTTTTGTGGTACTGGTTTATCAGCA
CTAATTCGTCCTTGAGTTAGGATGCCAGGTTCTTATTAGGGGATGATCAGTTATATAAC
GTAATTGTTACAGCCCATGCTTTTATCATAATTTTTCTTTGTCATACCAATTATAATT
GGTGGATTTGGAAATTGATTATGCCCATTAATATTAATTTCCAGATATAGCGTTCGCC
CGCATAAATAATAAGATTTGGATATTGCCTCTGCCTTAATTTTCTACTAACTTCA
GGGTTTGTGAAAGAGGTGTAGGAACAGGATGAACTGTTACCCACCTTTAAGATCTATT
TCCGGTCACTCCGGGGGTGCTGTTGATTGGGTATTTCTCTTTACATTTAGCTGGTGA
AGTTCAATTTGGGGGCAGCTAATTTTACTACAATTTTAAATATACGAAGTGAAGGT
ATAACTATAGAATTAATCCATTATTGTATGAAGAGTGCTACTAACAGCTATTTTACTT
CTACTTTTACTTACCTGTATTAGCTGGTGAATTAATACTATTAACAGATCGAAATTC
AATACTTCTTCTTTGATCCTGCTGAGGGGGGATCCTATTTGTTTCAACA
```

Start line with a greater-than symbol, then the BOLD sample ID for the specimen (replace the "0000" with the DISCO specimen ID). Then a linebreak. Then the sequence.

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Then click **Submit**