
VoSeq Documentation

Release 1.5.0

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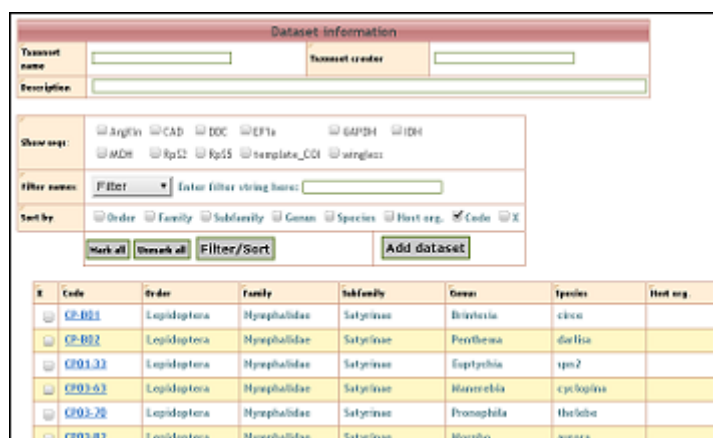
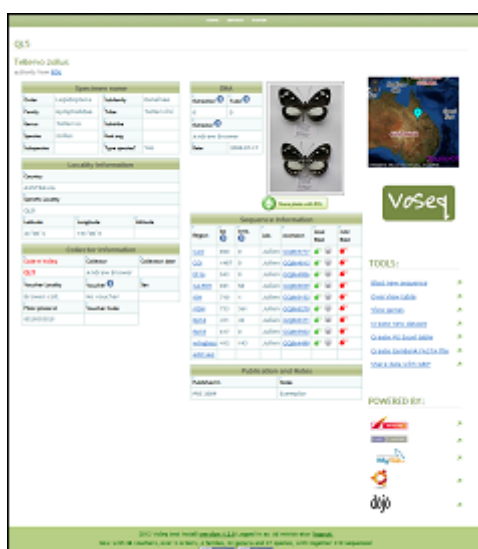
Contents:

HELLO THERE

Welcome to **VoSeq**, a database to store voucher and DNA sequence data for phylogenetic analysis. It's a unique database that enables to digitize biological data of museum specimens and molecular data such as DNA sequences, primers and genes.

VoSeq has tools that facilitate the batch upload of lots of voucher data and DNA sequences with a few clicks. It also has **BLAST** (<http://en.wikipedia.org/wiki/BLAST/>) capabilities, meaning that you can find out whether one particular DNA sequence is most similar to other sequence in **NCBI GenBank** (<http://www.ncbi.nlm.nih.gov/genbank/>). You can also BLAST your sequence against all others in your VoSeq database (see *blast-plugin* section for details).

VoSeq is written mainly in **PHP** (<http://www.php.net/>). It uses **MySQL** (<http://www.mysql.com/>) as back-end and it is designed to run in a local server (for example by installing **Apache** (<http://httpd.apache.org/>) on your computer) or to run on any commercial server service.



1.1 How to cite VoSeq

If you think VoSeq is useful and you happen to use it during your work, it would be great if you cite us as a source:

- Peña, C. & Malm, T. **2012**. VoSeq: a Voucher and DNA Sequence Web Application. *PLOS ONE*, 7(6): e39071. doi (<http://dx.doi.org/10.1371/journal.pone.0039071>)

1.2 Help and contact information

If you need help regarding installation or usage of the application, please contact [Carlos Peña](mailto:mycale-sis@gmail.com) (mycale-sis@gmail.com) or [Tobias Malm](mailto:tobemalm@gmail.com) (tobemalm@gmail.com).

You can also subscribe to VoSeq's discussion list on [Google Groups](https://groups.google.com/d/forum/voseq-discussion-list) (<https://groups.google.com/d/forum/voseq-discussion-list>).

BLAST PLUGIN

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