

BAT 1K

NEWSLETTER

Rhinolophus ferrumequinum



Photo credit: Ján Svetlík, 2016 (flickr)

WHAT'S NEW

The Bat1K consortium released its first two genomes! As part of the International Vertebrate Genomes Project (VGP) 15 high-quality reference genomes were released, of which 2 were bats from Bat1K! Find out which bats, and how to access the genomes in this newsletter.

If you have any questions or comments, you can contact us at: bat1kconsortium@gmail.com

Hello and welcome to the second quarterly Bat1K newsletter. We are happy to inform you that Bat1K members have been very busy expanding the network, attending conferences, and attracting funding for Bat1K genomes. More news on that to follow soon! Importantly we have been busy sequencing and have released 2 bat genomes (see below), and currently have 6 more underway. We hope you enjoy this brief update from Bat1K and that you feel inspired to get involved with the project.

- With best wishes from the Bat1K directors and Steering Committee.

Bat1K at G10K Annual Meeting in NYC

This September, Bat1K was present at the 2018 Genome10K Annual Meeting in New York, USA, together with the [VGP](#) and [Bird10K](#) projects, amongst many others. At this meeting these groups released their [first 15 high-quality reference genomes](#), of vertebrate species.

We received extensive media attention in [Science Magazine](#), the [New York Times](#), [EurekAlert!](#) and [Medium](#), among others, so follow these links to read more.

As part of this **2 bat genomes** were released, namely the greater horseshoe bat and the pale spear-nosed bat. The genomes can be accessed by clicking the following links:

[Rhinolophus ferrumequinum](#)
[Phyllostomus discolor](#)

Please keep in mind that they are under **public embargo**, which means there are rules you need to follow if making use of this data. **See page 2** of this newsletter on how you can use the genomes for your research and still follow the embargo rules.

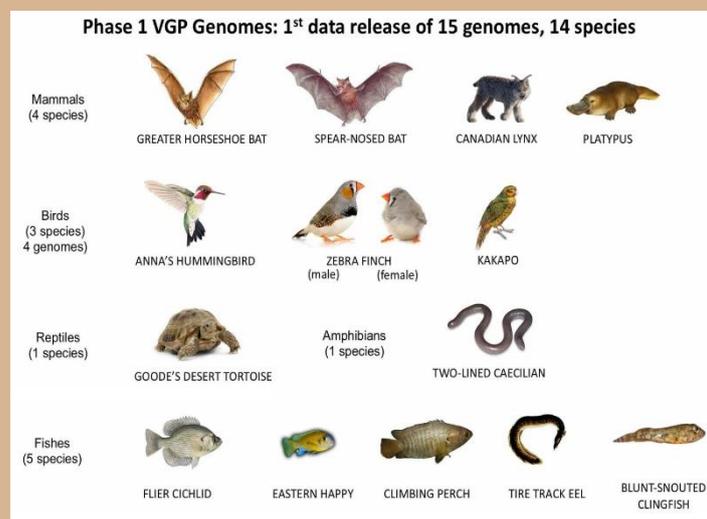


Figure adapted from [Vertebrate Genome Project](#)



BAT1K PRE-RELEASE DATA USAGE & COLLABORATION POLICY

Bat1K encourages use of the genomic data we generate ahead of public release, in a collaborative fashion. The policy for pre-release data use and instructions on how to become a Bat1K collaborator can be found below and on our website (www.bat1k.com).

Bat1K Project: A project is Bat1K if it agrees to this policy, and ultimately aims to achieve the 3.4.2.Q40 (c.s.m.Q40: contiguous/scaffold/map-chromosome/Qscore) assembly metric. This is at least a contig N50 of 1Mbp; a scaffold N50 of 10Mbp; >90% contains mapped to chromosomes; a consensus accuracy of Q40 or better. Furthermore, a project is Bat1K if it agrees to place all the data in the public domain post first publication, and all core participants identify as Bat1K members.

1a. Bat1K projects and their species targets will be visible at the Bat1K website in a members-only section, with an indication of methodology, expected timeline, flagship paper plan and core participants

1b. Core Participants: Core participants are defined as the funders/grant recipients that fund the sequencing efforts, individuals that contribute to the official assembly, annotation and analysis of the genome, sample-providers that provide flash-frozen tissues for high-quality DNA extraction, and scientific proposers of a given project.

2a. At the outset (where possible), core participants of any Bat1K project are identified and set. Core participants for each project will be listed on the members only section of the Bat1K website. Core participants will be expected to be co-authors on the flagship publications for each subproject. Authorship on secondary publications will be negotiated on a case-by-case basis (see also 3e).

3. Collaborations: In order to strengthen the impact and publications of a project, parties interested in collaborating on a scientific aspect of a project are welcome to apply to join a project as a collaborator:

3a. Parties interested in collaborating on Bat1K projects should write a short summary (<1 page) of their interests, how they plan to contribute to existing projects, and goals for use of the Bat1K data. Novel project proposals (ie not currently listed as a Bat1K project) will also be considered. These proposals should be sent to bat1kconsortium@gmail.com with the subject line "Collaboration proposal"

3b. Collaboration proposals will be considered on a rolling basis by the Bat1K executive committee. The decision to accept a collaboration proposal for a project is made by the executive and core participants of the project.

3c. A collaborator has access to all data as it is produced with the provision that they must guarantee to safeguard the data and that they do not release findings or data derived therefrom prior to the publication of the project's primary paper.

3d. A collaborator sees all project communications and is invited to all project meetings.

3e. The work or findings of a collaborator may be included in a project's primary paper at the decision of the core participants. Indeed this is the desired outcome. However, if a collaborator's findings are not to be included, then they are free to produce an independent manuscript subject to coordinating submission with respect to a project's primary/first paper. They may not publish any finding based on the data prior to the first flagship paper for the project. If collaborators make use of data relevant for multiple projects, this applies to the flagship papers for all relevant projects.



Photo credit: Karin Schneeberger, 2011 (Wikipedia)