



Thank you for your interest in the #GGPlasmidSeq2023 open call. We look forward to working with you! We are excited to offer whole plasmid sequencing to researchers in Low- and Middle-Income (LMI) countries. We can help you rapidly characterise and verify your plasmids.

To participate in the CFP, please follow the instructions below very carefully. If you have specific questions, please contact us [here](#).

To check eligibility:

- 1 Check that your country is on the LMI country list. You can find an up-to-date list of LMI countries in Appendix A.
- 2 Fill out the online [submission form](#). We will assess your application and give you further instructions.

To prepare your samples:

1. Isolate pure plasmid DNA from its host organism. We require isolated DNA for sequencing, one plasmid per sample. Please use an appropriate protocol for plasmid DNA isolation (mini-prep is ideal).
2. Please try to ensure your plasmid preparation contains little or no host DNA contamination and is of sufficient quality and quantity. We recommend a A230:A260 ratio >2 and A260:A280 ratio of between 1.8-2.0. Please, if possible, perform agarose gel electrophoresis, to ensure that you have a single plasmid at the approximate size you are expecting.
3. Normalise each plasmid to 100 ng/ μ L in nuclease-free water or EB (**strictly no EDTA**). Minimum quantity of 20 μ L though 100-150 μ L would be preferential.
4. If your application is successful and your plasmid sample passes QC, we will provide you with Raw R10.4.1 ONT long reads in .fastq format, a high quality consensus assembly of your plasmid, annotations in genbank and csv format, as well as interactive plasmid maps.
5. Please contact GetGenome (getgenome@tsl.ac.uk) to arrange shipment.