Amplicon pools or single PCR product

We use the Illumina Nextera protocol for indexing of amplicons and amplicon pools. Please ask how to design the primers before to proceed in preparing PCR products.

Amplicons pools should be in equimolar amounts in the pool to obtain comparable coverage across all amplicons. If they are of the relatively same size you can pool them before the purification step. Otherwise, it is recommended to purify PCR products separately (especially if you use purification columns), and then pool them together.

The quantity of the purified pooled samples or of the PCR product should be **at least 100-150ng**. Please send us all purified pooled samples at the same concentration (at least 5ng/µl).

For sample number <24 send samples in Eppendof tubes sealed with parafilm (0,5 mL and 0.2 mL tubes as well as strips will be not accepted). The tubes must have, on the vial top, a clear and permanent sign (or a thin label) with a **progressive number** and the **customer's name initials**.

For sample number above 24, send samples in a skirted 96-wells plate, **BUT ONLY** if you made a fluorimetry-based quantification and normalized the DNA quantities. DNA concentration across samples should be even (+/-20% of average) within each plate unless a normalization procedure is requested as service (please inquire). In case internal normalization service is waived, IGAtech is not responsible for the quality of the data in term of per-sample coverage.

Send DNA samples in a cold pack (e.g. Blue ice).

Please, do not forget to send us the compiled Samples Spreadsheet, both with the shipped parcel and via e-mail. In order to be able to properly track and safeguard your samples we also ask you to send us the Tracking Number via e-mail.