Erasmus MC
University Medical Center Rotterdam

Genotyping Services
Global Screening Array

THE UNDERSIGNED:

Erasmus University Medical Center Rotterdam, a legal entity under public law, with its registered office at Dr. Molewaterplein 40, 3015 GD Rotterdam, duly represented in this matter by professor dr. A.G. Uitterlinden, the Genomics Core Facility, hereinafter called '**Erasmus MC**',

and

Instituto de Medicina Molecular João Lobo Antunes, with its registered office at Av. Professor Egas Moniz Edifício Egas Moniz 1649-028 Lisboa, Portugal. duly represented in this matter by Vladimir Ghilas, hereinafter called '**Client**',

Together referred to as '**Parties**' and each individually as '**Party**',

TAKE INTO ACCOUNT THAT:

A. The Genomics Core Facility is incorporated in Erasmus MC and offers, amongst others, genotyping services by applying advanced genomic technologies.
B. Client has requested Erasmus MC to provide services as further described in this contract, hereinafter called '**Contract**'.
C. Parties wish to set out the conditions for the provision of the services and the Parties' reciprocal rights and obligations in this Contract.

HAVE AGREED ON THE FOLLOWING:

Purpose and scope

1. Erasmus MC offers genotyping services for analysis of 24 DNA samples, hereinafter called '**Material**', by **Illumina GSA Beadchip GSA MD (Illumina GSA Arrays "Infinium iSelect 24x1 HTS Custom Beadchip Kit")** to Client, hereinafter called '**Services**'.

2. Material must be provided by Client to Erasmus MC according to criteria described in the attached "Shipment Protocol Genotyping Services Global Screening Array" (Exhibit 1).

Deliverables

3. The following deliverables will be provided to Client:

- Genomestudio project file with accompanying intensity iDAT files.
- Report files in plain text format containing:
  o Summary table with information for all individuals, where each row of the table represents a sample and the sample genotyping call rate and intensity quality control fields.
  o genotype data in plink format (i.e., ped and map files to be read by the program plink which is commonly used for quality control and analysis of genetic array data).
  o genotype data in zCall format (i.e., SNP table and report file required for rare variant calling using zCall).

Above mentioned deliverables together to be called '**Data**'.

- A technical Quality Control report in pdf format showing the quality of the genotype data generated, hereinafter called '**Report**';

Costs of services

4. The following table contains the summary of the costs:

Description	Quantity	Unit	Price per sample	Total price
Services	24	sample	€ 28.50	€ 684.00
Data storage for 3 months	24	sample	€ 0.00	€ 0.00
Total	**24**		**€ 28.50**	**€ 684.00**

Terms and conditions

5. Erasmus MC and Client confirm to adhere to the attached 'Terms and Conditions Erasmus MC Genomics Core Facility' (Exhibit 2).

Project and invoicing information

Invoice address: Instituto de Medicina Molecular João Lobo Antunes

Av. Professor Egas Moniz, Edifício Egas Moniz

1649-028 Lisboa Portugal

imm-accounting@medicina.ulisboa.pt

VAT number: PT506134466

Internal reference: _____

(rest of this page intentionally left blank, signature page follows)

Signatures

CLIENT

Signature approved legal representative:

_____

Name (printed):

_____

Date:

_____

GENOMICS

Signature approved legal representative:

Professor dr. A.G. Uitterlinden

23-1-2024

EXHIBIT 1 - Shipment Protocol Genotyping Services Global Screening Array

EXHIBIT 2 - Terms and Conditions Erasmus MC Genomics Core Facility