

Barcelona, 11nd of June 2020

To whom it may concern,

The CNAG-CRG's mission is to carry out projects in genome analysis that will lead to significant improvements in people's health and quality of life, in collaboration with the Catalan, Spanish, European and International research and clinical community. In this regard, the CNAG-CRG is currently performing the sequencing experiments for one COVID-19 research project that involves high throughput sequencing using the Illumina platform and planning to start several others in the next weeks. Find in Annex I an initial table with the list of COVID-19 related services at CNAG-CRG, with information about the principal investigators, the main project objectives, the Illumina reagents needed for the project and the current status of the project.

On the other hand, Illumina offers discounts on their sequencing reagents for projects focussing on COVID-19 research. The offer consists in providing free of charge with an additional unit of every product ordered at list price. All orders need to be processed before the 30th of June and reagents delivered before the 31st of December 2020 (see offer in the Annex II).

For this reason, we request to use the emergency procedure to be able to buy Illumina sequencing reagents for up to 78.368€ using the special rebate for CNAG-CRG services regarding COVID-19 research.

Sincerely,



Ivo Gut
CNAG-CRG Director

Annex I

PI	Project	Nº of samples	Application	Illumina reagents needed
Aurora Pujol (IDIBELL)	The project is part of the <i>COVID Human Genetic Effort</i> , an international consortium aiming to discover: (i) Monogenic inborn errors of immunity (IEI), rare or common, underlying severe forms of COVID-19 in previously healthy individuals (ii) Monogenic variations, rare or common, which make certain individuals resistant to the infection by the SARS-CoV2 itself, despite repeated exposure.	20	Whole Exome Sequencing	1,1x NovaSeq 6000 S1 Reagent Kit (200 cycles) (20012864)
Aurora Pujol (IDIBELL)	The project is part of the <i>COVID Human Genetic Effort</i> , an international consortium aiming to discover: (i) Monogenic inborn errors of immunity (IEI), rare or common, underlying severe forms of COVID-19 in previously healthy individuals (ii) Monogenic variations, rare or common, which make certain individuals resistant to the infection by the SARS-CoV2 itself, despite repeated exposure.	80	Whole Exome Sequencing	4,3x NovaSeq 6000 S1 Reagent Kit (200 cycles) (20012864)
Perez-Tur J (IIBB-CSIC)	Correlation of variability in immune response genes and severity of SARS-CoV-2 infection (INMUNGEN-CoV2 project, funded by CSIC through Fundación MAPFRE).	200	Whole Exome Sequencing	10,6x NovaSeq 6000 S1 Reagent Kit (200 cycles) (20012864)
Nuria Montserrat (IBEC)	Study using kidney organoids infected-non infected with SARS-CoV-2 to advance on the search for coronavirus drugs (APN1).	20	Single Cell RNA Sequencing	7x NovaSeq 6000 S1 Reagent Kit (100 cycles) (20012865)
Ivo Gut (CNAG-CRG)	CNAG-CRG coordinates, EASI-Genomics, an Horizon 2020 project that supports researchers in next-generation sequencing. The project has recently issued an extraordinary call for external users to apply for access with proposals related to the COVID-19 epidemic for a total budget of 0.5 million €, of which about 200,000 € correspond to CNAG-CRG TransNational Access Budget. This call focuses on whole-genome, whole exome and RNA sequencing of human patients from low-risk populations with severe forms of SARS-Cov-2 infection that have experienced adverse reactions or fatal outcomes. Most of the projects will require Illumina sequencing technology.	200-1000	Whole Exome Sequencing Whole Genome Sequencing RNA Sequencing	TruSeq Stranded mRNA HT (20020595) Nova Seq 6000 SP reagent Kit (100 cycles) (20027464) NovaSeq 6000 S1 Reagent Kit (200 cycles) (20012864) NovaSeq 6000 S4 Reagent Kit (300 cycles) (20012866)

cnag

centre nacional d'anàlisi genòmica
centro nacional de análisis genómico



**Generalitat
de Catalunya**



baldri reixac, 4
pcb - tower i, 2nd floor
08028 barcelona

t +34 93 4020542
f +34 93 4037279
www.cnag.crg.eu