Subject description of the proceedings no: **36/A/2021**   [*Appendix no. 2*].

1. The Purchaser commissions the Contractor to perform a **Chromatin immunoprecipitation-sequencing (ChIP-seq) of RBMXL3 with 3xFLAG tag**.

2. The service will be performed using the material provided by the purchaser with the following parameters:

	Parameters
Sample type	cells
Sample number	Max 2
Cells amount	20M
Sequencing Configuration	SE75, Illumina Platform
Estimated Data Output	~10M reads for AbQ and ~30M reads for full-scale ChIP-Seq per sample
Turnaround Time	AbQ ~ 4-6 weeks, full-scale ChIP-Seq ~10-12 weeks
Quality Guarantee	AbQ shallow sequencing data will be delivered which will be considered by Contractor to have passed or failed. Full-Scale ChIP-Seq includes qPCR QC. Both Services include library QC. If there are issues at QC steps, Lab will consult with the client to discuss next steps (trouble-shooting, halting project). A guarantee cannot be made for the AbQ having a successful outcome (Pass), and as such the data may contain few peaks or weak peaks. The data quality of the AbQ is dependent on the biological nature of the samples, along with antibody suitability in combination with a given tagged protein. The data from the full-scale ChIP-Seq can be quaranteed to be equivalent to or better than that from a successful AbQ (using similarly prepared samples).

3. Description of Service:

No.	Description of Service *	Units	Unit Price
1	Antibody Sourcing FLAG M2 (Sigma A2220)	1	To be priced Please provide the unit price for 1 sample: _____ *or;* *1x ___(unit price.) =* _____
2	AbQ: Sample QC – antibody qualification of ChIP-seq RBMXL3 with 3xFLAG tag	1	To be priced Please provide the unit price for 1 sample: _____ *or;* *1x ___(unit price.) =* _____

3	FactorPath™ ChiP-Seq (Samples expressing RBMXL3-FLAG or GFP-FLAG):
	    Chromatin preparation and sonication.
	    Performing ChIP with a ChIP-validated antibody.
	    Generating ChIP-Seq libraries.
	    Performing next-generation sequencing.
		2	*To be priced*
			Please provide the unit price for 1 sample:
			_____
			or;
			1x ____(unit price.) =
			_____

4	Input-Seq Pooled from both samples	1	*To be priced* *Please provide the unit price for 1 sample:* _____ *or;* *1x ____(unit price.) =* _____
5	Data analysis: Comprehensive bioinformatics and data analysis	1	*To be priced* *Please provide the unit price for 1 sample:* _____ *or;* *1x ____(unit price.) =* _____
	Total value:		_____
	Offer validity period:		_____ *(data)*

* The purchaser does not agree to changes in the description of the subject of the service.

4. The correct performance of the service is considered to be:

4.1. Perform a qualitative evaluation of the antibody. With the emphasis that if antibody qualification fails, we stop the experiment at stage 2 and do not proceed to the next stages (3-5).

4.2. Perform a chromatin preparation and sonication

4.3. Performing ChIP with a ChIP-validated antibody

4.4. Generating ChIP-Seq libraries

4.5. Performing next-generation sequencing (~10M reads for AbQ and ~30M reads for full-scale ChIP-Seq per sample)

4.6. Comprehensive bioinformatics and data analysis with final report

4.7. The Contractor does not claim any copyrights to the generated data and will not use them in any way for its own purposes (e.g. database construction). All generated data constitute the entire intellectual property of the purchaser. The service constituting the subject matter of the proceedings will not be performed in collaboration with other entities or with the use of subcontractors or intermediaries.

4.8. The payment for a properly performed service will be made within 30 days from the delivery of the invoice by the Contractor.

4.9. The contractor is entitled to payment only the actual performed part of the service.