

Xenium Project Inquiry Form

Core Facility Genomics (CF Genomics), University of Salzburg

Please complete as far as possible. Unknown items can be discussed with the CF team.

This form is used to assess feasibility, select the appropriate Xenium workflow, plan slide layout and scheduling, and prepare a project-specific service fee estimate. Submission of this form does not constitute a binding quotation.

Please return the completed form and relevant attachments to CF_Genomics@plus.ac.at.

1. Contact and project information

Project title

Principal investigator / group leader

Primary contact

Institution / department

E-mail

Phone

Billing contact / cost center (if applicable)

Funding source / grant

Project summary and biological question

2. Requested Xenium workflow

Assay / panel platform (select one or indicate if undecided)

☐ Xenium v1 Gene Expression

☐ Xenium Prime 5K

☐ Undecided - advice requested

Optional / additional workflow components

☐ Cell Segmentation workflow

☐ Tissue sectioning by CF

☐ Other / non-standard workflow

Expected number of Xenium runs (1 run = up to 2 slides)

Planned slides per run

Preferred / required project timing

Samples expected ready by

Is this project time-critical?

☐ Yes

☐ No

If yes, explain:

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Sample information is essential for assessing tissue compatibility, slide layout and assay planning.

3. Sample and tissue information

Species ☐ Human ☐ Mouse ☐ Other: ☐ Mixed

Sample format / preservation ☐ FFPE ☐ Fresh frozen ☐ Other:

Tissue type(s)

Special tissue properties / processing ☐ Decalcified ☐ Pigmented / autofluorescent ☐ TMA

If decalcified, specify method and duration

Sample overview

Sample / group	Species	Tissue	Preservation	No. samples	Approx. tissue size

Estimated total tissue area per slide / planned tissue arrangement

Are representative H&E or morphology images available? ☐ Yes - will attach ☐ No

Who will prepare / cut the sections? ☐ CF Genomics ☐ User / local histology ☐ Other

Section thickness (if defined) Block/sample age and storage conditions

4. Ethics, biosafety and sample restrictions

Human-derived material? ☐ Yes ☐ No Ethics approval / reference

Relevant biosafety, infectious material or handling restrictions

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Panel design and reagent status are reviewed before kits are ordered and a run is scheduled.

5. Gene panel and assay design

Panel strategy ☐ 10x pre-designed panel ☐ Custom / standalone panel ☐ Add-on genes

Panel name / version (if known)

Custom / add-on gene list status ☐ Final list ready - will attach ☐ Draft list available ☐ Advice needed

Key biological targets / cell populations that must be captured

Known low-abundance / difficult targets or other panel concerns

Previous data available to support panel design? ☐ scRNA-seq / snRNA-seq ☐ Bulk RNA-seq ☐ Other

Reference dataset / publication / file information

6. 10x reagent and kit status

Required Xenium kits / slides have been ☐ Not ordered ☐ Ordered ☐ Already available

10x product / catalog number(s), if known

Relevant lot numbers / expiry dates, if already available

Please note: Xenium assay kits, gene panels, slides, Cell Segmentation reagents and other assay-specific 10x Genomics consumables are purchased and provided by the user. Please coordinate kit selection and timing with CF Genomics before ordering.

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Analysis requirements and attachments help define the final project scope and service fee estimate.

7. Data processing and downstream analysis

Requested support (select all that apply)

- | | | |
|--|--|--|
| ☐ Standard Xenium output + QC | ☐ Segmentation review | ☐ Basic visualization / exploration |
| ☐ Cell type annotation | ☐ Spatial / neighborhood analysis | ☐ Other custom analysis |

Specific analysis questions / desired outputs

Existing reference datasets / annotations / marker lists available? ☐ Yes - will provide ☐ No

Data transfer / storage requirements or restrictions

8. Attachments and additional information

Please attach, where available:

- | | |
|---|---|
| ☐ Representative H&E / morphology images | ☐ Gene list / panel design |
| ☐ Proposed sample / slide layout | ☐ Other relevant protocol / sample information |

Additional comments or questions for CF Genomics

Next step

Submit the completed form and relevant attachments to CF_Genomics@plus.ac.at. The CF team will review project feasibility, assay selection, sample preparation, slide layout, personnel requirements and scheduling. More detailed project-specific pricing will then be provided.