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|  | **高通量测序送样单**  **High-throughput Sequencing Sample Login Form** |
| **生物医学大数据平台**  **Biomedical Big Data Platform** |

**项目编号/Project Number:**

**1、基本信息/ Basic information**

|  |  |  |  |
| --- | --- | --- | --- |
| 项目名称/  Project Name |  | | |
| 课题组/  Research Group |  | 经费账号/  Funds Account |  |
| 送样人姓名/  Researcher Name |  | 送样日期/  Date |  |
| 送样人电话/  Tel |  | 邮箱地址/  Email |  |
| 联系地址/Address |  | | |
| 样本类型/  Sample Type\* |  | 样本数量/  Sample Number |  |
| 保存容器/  Storage container |  | 保存条件/  Storage Condition |  |

“\*”：样本类型包括新鲜/冷冻组织、全血、血清、血浆、细胞系、FFPE、DNA、RNA、PCR产物、待测序文库等。Sample Types include fresh/frozen tissue, whole blood, serum, plasma, cell line, FFPE, DNA, RNA, PCR product, library ready to sequence, etc.

**2、样本/Sample**

1）样本是否有致病传染性（Are the samples infectious）：□ 是YES；□ 否NO

2）样本是否具有生物安全性（Whether the samples are biosecurity）：□ 是YES；□ 否NO

3）样本是否符合国家法律法规及伦理规范（Whether the samples comply with national laws, regulations and ethical norms）：□ 是YES；□ 否NO

4）样本是否可以进行常规采集、运输和处置（Whether the samples can be routinely collected, transported or applied）：□ 是YES；□ 否NO

请填写以下原始样本相关的信息：

Please fill in the following information about the original sample:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 序号  No. | 样本名称  Sample Name | 物种Species | 性别Gender | 样本类型  Sample Type | 取样日期  Sampling Date | 样本量\*  Sample Amount\* | 备注  Note\* |
| 1 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

“\*”：液体单位mL，固体单位mg，细胞数目等。Liquid: mL, solid: mg, cell number, etc.

如果有给药等特殊处理请备注说明。If there is any special treatment, please fill in the note column.

如果样本是已经抽提好的DNA/RNA或PCR产物等，请继续填写以下内容，否则请直接跳转到“3、文库构建”。如果是自建文库，请直接跳转到“4、高通量测序”。

If samples are extracted DNA/RNA or PCR product, please fill in the following. Otherwise, please goto part 3: Library Construction. IF samples are libraries ready to sequence, please goto part 4: High-throughput Sequencing.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号  No. | 样本名称  Sample Name | 浓度  Con. (ng/μl) | 体积  Vol. (μl) | 总量  Amount (ng) | OD  260/  280 | OD  260/  230 | RIN | 备注  Note |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

1）抽提试剂/盒（Extraction reagent/kit）：

2）浓度定量方式（Con. quantitative method）：□ Nanodrop, □ Qubit, □ 其他Other

3）溶解状态（Elution Fluid）：□ Nuclease-free Water, □ TE buffer, □ Other:

4）如果有质检的电泳图等，可以附在下方，也可以提供附件（If there is any electrophoretic picture, please attach it below or provide attachments）。

**3、文库构建/Library Construction**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 序号  No. | 样本名称  Sample Name | 建库类型  Library Type\* | 建库方法版本  Protocol Version\*\* | 备注  Note |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |
| 9 |  |  |  |  |
| 10 |  |  |  |  |
|  |  |  |  |  |

\*：建库类型：DNA-seq, RNA-seq, Hi-C, ATAC-seq, Ampliseq等. 如果要构建多种文库，请用“/”分隔，如：Hi-C/ATAC-seq。（Library Types: DNA-seq, RNA-seq, Hi-C, ATAC-seq, Ampliseq, et al. If you want to build multiple libraries for the same sample, separate with “/”, for example: Hi-C/ATAC-seq.）

\*\*：建库方法版本需提前和平台相关人员联系沟通（Please contact with the platform in advance）。

**4、高通量测序/High-throughput Sequencing**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 序号  No. | 样本名称  Sample Name | Pair-End/  Single read  PE/SR | 读长  Read Length  (bp) | 文库类型  Library Type | 计划数据量  Data Planned(G) | 备注  Note |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

如果是自建文库，请继续填写以下内容：

IF samples are libraries ready to sequence, please fill in the following:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 序号  No. | 样本名称  Sample Name | 浓度  Con. (ng/μl) | 体积  Vol. (μl) | 总量  Amount (ng) | 大小  Size (bp) | i5  Barcode | i7  Barcode | 备注  Note |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |
| 9 |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

1）建库试剂/盒（Library construction reagent/kit）：

2）浓度定量方式（Con. quantitative method）：□ Nanodrop, □ Qubit, □ 其他Other

3）溶解状态（Elution Fluid）：□ Nuclease-free Water, □ TE buffer, □ Other:

4）文库是否有特殊情况，如含特定序列 、碱基不平衡、FFPE、高低GC 等，请注明（Please indicate whether the library has special conditions, such as repeat sequence, base imbalance, FFPE, high and low GC, etc.）：

5）是否需要加入平衡文库Phix（Whether need to add balance library Phix）：□ 是YES；□ 否NO。若是则添加比例是（If yes, then percentage is）： %。

6）如果有质检的电泳图等，可以附在下方，也可以提供附件（If there is any electrophoretic picture, please attach it below or provide attachments）。

**5、其他/Others**

有特殊要求请注明（If you have special requirement, please remark）：

送样人签名（Customer signature）：

课题组长签名（PI/RAP/RaP signature）：

样本接收人签名（Receiver signature）：