|  |  |
| --- | --- |
| Program Director/Principal Investigator (Last, First, Middle): | Next Generation Sequencing Core |
|  |
| RESOURCES |
| Follow the 398 application instructions in Part I, 4.7 Resources. |
| **Location**:The NGSC is located largely in the 12th floor of the Smilow Center for Translational Research, where it occupies about 600 square feet. It also occupies about one hundred square feet in BRB-II/III where two pieces of equipment were placed due to lack of space and logistical convenience. Room 12-253 SCTR was modified to increase the cooling capacity to support the sequencers.**Equipment:**The NGSC maintains the following equipment.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Group** | **Manufacturer** | **Model** | **Serial****Number** | **Status** | **Location** | **Acquisition****Date** | **Source** |
|  |  |  |  |  |  |  |  |
| *Sequencers* | Illumina | HiSeq 2500 |  | Active | 12-253 SCTR |  | PSOM |
|  | Illumina | HiSeq 2500 | 431 | Active | 12-253 SCTR |  | PGFI |
|  | Illumina | NextSeq 500 |  | Active | 12-160 SCTR |  | PSOM |
|  | Illumina | MiSeq | 590 | Active | 12-160 SCTR |  | PSOM |
|  | Illumina | HiSeq 2000 | 1160 | Functional | 12-253 SCTR |  | PSOM |
|  | Illumina | HiSeq 2000 | 965 | Not in use | 12-253 SCTR |  | PSOM |
|  | Illumina | HiSeq 2000 | 969 | Not in use | 12-253 SCTR |  | HHMI, owner |
|  |  |  |  |  |  |  |  |
| *Other* | Fluidigm | C1 |  | Active | 12-160 SCTR |  | PSOM |
|  | Beckman-Coulter | BioMek XFP |  | Active | 12-160 SCTR |  | PSOM |
|  | Agilent | Bravo |  | Active | 3-xxx BRB II/III |  | PSOM |
|  | Covaris | LE220 |  | Active | 3-xxx BRB II/III |  | PSOM |

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