# **Submitting Buffy Coat Samples for Normal WGS Sequencing**

iLab solutions - <https://my.ilabsolutions.com/sc/3276/integrated-genomics-operation-igo/?tab=requests>

IGO – Request Services

Sample Preparation Request 🡪 DNA Extraction Request (Sample Preparation)

* Please select which lab the request is for: Shah, S – MSKCC

DNA Extraction Request Form

* Contact emails: [grewald@mskcc.org](mailto:grewald@mskcc.org); [mcphera1@mskcc.org](mailto:mcphera1@mskcc.org); [havasove@mskcc.org](mailto:havasove@mskcc.org); [limj@mskcc.org](mailto:limj@mskcc.org); [niyazovj@mskcc.org](mailto:niyazovj@mskcc.org)
* Phone Number: 6468883946
* Project Name: MSK Spectrum Ovary
* Is this a continuation of a previous project? Yes
* Project number of previous project: 09443
* Number of Samples
* Are your samples de-id’d? Yes
* Do you need DMO Pathology Services? Does not Apply
* Are any of these samples from PDX? No
* What will these samples be used for? IGO downstream process
* Is this a full sample set for sequencing? Yes
* Sequencing Data Delivery Method: I will analyze my own sequencing output (FASTQ ONLY)

Cost Center/Fund: 50400/17412

Print form and save to lab notebook

Submit Request to Core. Note IGO Service ID

Submit a REX request (Request Services tab) - <https://igo.mskcc.org/sample-submission/login>

* Material: Buffy Coat
* Application: HumanWholeGenome
* Species: Human
* Patient ID Type: MSK-Patients
* Container: Micronic Barcoded Tubes
* # Samples
* IGO Service ID:

Generate Table

* Micronic Tube Barcode – Barcodes of the buffy coat
* Sample ID – “SpectrumOV”BC\_N (eg. 001BC\_N)
* Nucleic Acid Type to Extract – DNA
* Preservation – EDTA-Streck
* Sample Origin – Buffy Coat
* Specimen Type – Blood
* Quantity of tubes – 1
* Reads Requested/Coverage – 40X
* Volume (ul) – 50
* Tumour type – Normal
* Sample Class – Normal
* MRN

Print form and save to lab notebook

Submit form

**When Extraction QC results are received from IGO, submit another iLab request for Human Whole Genome Sequencing**

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IGO – Request Services

NGS Platforms 🡪 Human or Mouse - Whole Genome Sequencing (NGS platforms)

* Please select which lab the request is for: Shah, S – MSKCC

Human or Mouse WGS Request Form

* Phone Number: 6468883946
* Contact emails: [grewald@mskcc.org](mailto:grewald@mskcc.org); [mcphera1@mskcc.org](mailto:mcphera1@mskcc.org); [havasove@mskcc.org](mailto:havasove@mskcc.org)
* Project Name: MSK Spectrum Ovary
* Is this a continuation of a previous project? Yes
* Project number of previous project: 09443
* Number of Normals
* Number of Tumours: 0
* Sample Types: DNA Extracted in Core
* Are any of these samples from a PDX? No
* Would you like IGO to fingerprint your DNA to confirm T/N match prior to sequencing? No
* Sample Excel Upload: Attach Sample Submission (REX) form from extraction submission

Cost Center/Fund: 50400/17412

Print form and save to lab notebook

Submit Request to Core. Email IGO Sample Receiving team the IGO Service ID.