



The Cancer Genome Atlas

Site Questionnaire

Tissue Source Site Name (TSS): _____

Date: _____

Before the introductory call, please confirm completion of MTA, IRB, PO and Informed Consent documentation. All samples must have valid informed consent documentation or subject's date of death.

Tumor Specimens

- Estimate the number of qualifying cases that meet TCGA criteria:
 - Primary tumor
 - At least 30-100 mg of tumor tissue*
 - Matching normal control (whole blood preferred)
 - No systemic radiation (or local radiation to the TCGA tumor site) or chemotherapy prior to resection of the TCGA tumor*
- List tumor types and estimate number of cases per tumor type:

_____	_____
_____	_____
_____	_____
- Time from resection to freezing: _____ (minutes)
- Method of freezing:
 - Snap frozen in LN2
 - Cryostat
 - Other: _____
- Age range of specimens collected (duration of time since tumor procurement): _____
- Is tissue embedded in a medium (i.e., OCT)?
 - Yes, type: _____
 - No
- Has a preservative been added to the tissue (i.e. RNAlater)?
 - Yes, type: _____
 - No
- In what type of vessel are the specimens stored?
 - Cryovials
 - Cryomolds
 - Other: _____
- Method of storage:
 - 20°C
 - 80°C
 - Liquid nitrogen vapor
 - Other: _____
- Will a TSS pathology review be conducted from a top slide from the specimen submitted for TCGA?
 - Yes
 - No
- How many cases have been prescreened** by TSS pathology review to date for TCGA? _____

Normal Specimens

- Type of normal control
 - Whole blood
 - Extracted DNA from whole blood
 - Buffy coat
 - Density gradient-purified lymphocytes
 - Non-diseased tissue, site: _____
 - Other: _____
- Select which anticoagulant are used blood collection tube (these are the only acceptable anticoagulants for TCGA)
 - EDTA
 - Heparin
 - Acid-citrate-dextrose (ACD)
 - Sodium Citrate

If sending extracted DNA, please answer the following questions:

- Volume of blood used to isolate cells and/or extract DNA? _____ mL
- If control is cells, what is the cell count? _____ cell/ml
- How the cells are stored (temperature and freezing media)? _____
- If the control is purified genomic DNA, which method was used to extract the DNA? _____
- How was the genomic DNA quantified?
 - Spec
 - PicoGreen
 - Other: _____
- How much DNA did you obtain from the extraction? _____
- Was the genomic DNA visualized by gel electrophoresis?

Yes No
- Is the DNA predominately high molecular weight?

Yes No
- What molecular applications have been performed on the genomic DNA (sequencing, genotyping, PCR, etc.)? _____

Other Requirements

*For TCGA tumor-specific exceptions please contact your TCGA Lead Clinical Outreach Coordinator

**The TSS is required to pre-screen each tumor and/or normal tissue and send a top slide from the frozen specimen being submitted to the BCR, along with a complete and de-identified pathology report. If the case has a diagnosis discrepancy between the TSS top slide review and pathology report, a TCGA pathology discrepancy form must be filled out and submitted with the specimen.

PI Signature

Date

