

## SOP\_MTL-1.10 Naming Conventions

- A. Purpose:** To provide a simple graphic guide for the naming conventions use on the derivatives created after tumors are excised from PDX models.
- B. Scope:** The naming conventions shown in this document can be used to physically label all derivatives and to update the inventory database OpenSpecimen.

**C. Definitions:**

Derivatives: Any specimen type (including mice) created from an excised tumor

FFPE: Formalin-Fixed Paraffin-Embedded

OpenSpecimen (OS): Inventory database, <https://www.openspecimen.org/>

Restart: Each time tissue from an established PDX model is taken from viably frozen conditions and implanted into mice to produce the next series of transplant generations. For example, PDX tissue thawed from BCM-2147-TG3 would become BCM-2147-R1TG4 upon transplantation

TG: Transplant generation

Transplant generation: The number of times that PDX tissue has been transplanted from mouse to mouse with the purpose of maintaining an actively growing PDX model

**D. Materials and Reagents:** NA

**E. References:**

SOP\_MTL-1.4 Tumor Tissue Excision for PDX Maintenance

SOP\_MTL-1.20 OpenSpecimen Inventory Update


**F. Procedures:**


**General considerations:** during tumor excision (SOP\_MTL-1.4 Tumor Tissue Excision for PDX Maintenance) derivatives are annotated in the harvest sheet, that is later use to update the OS inventory.


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1. Naming conventions for derivatives created from tumor excised of single-sided tumor bearing mice:


**BCM-1010\_R1TG5\_A(Xenograft)**




 **BCM-1010\_R1TG6\_A(Xenograft)**

 **BCM-1010\_R1TG6\_B(Xenograft)**

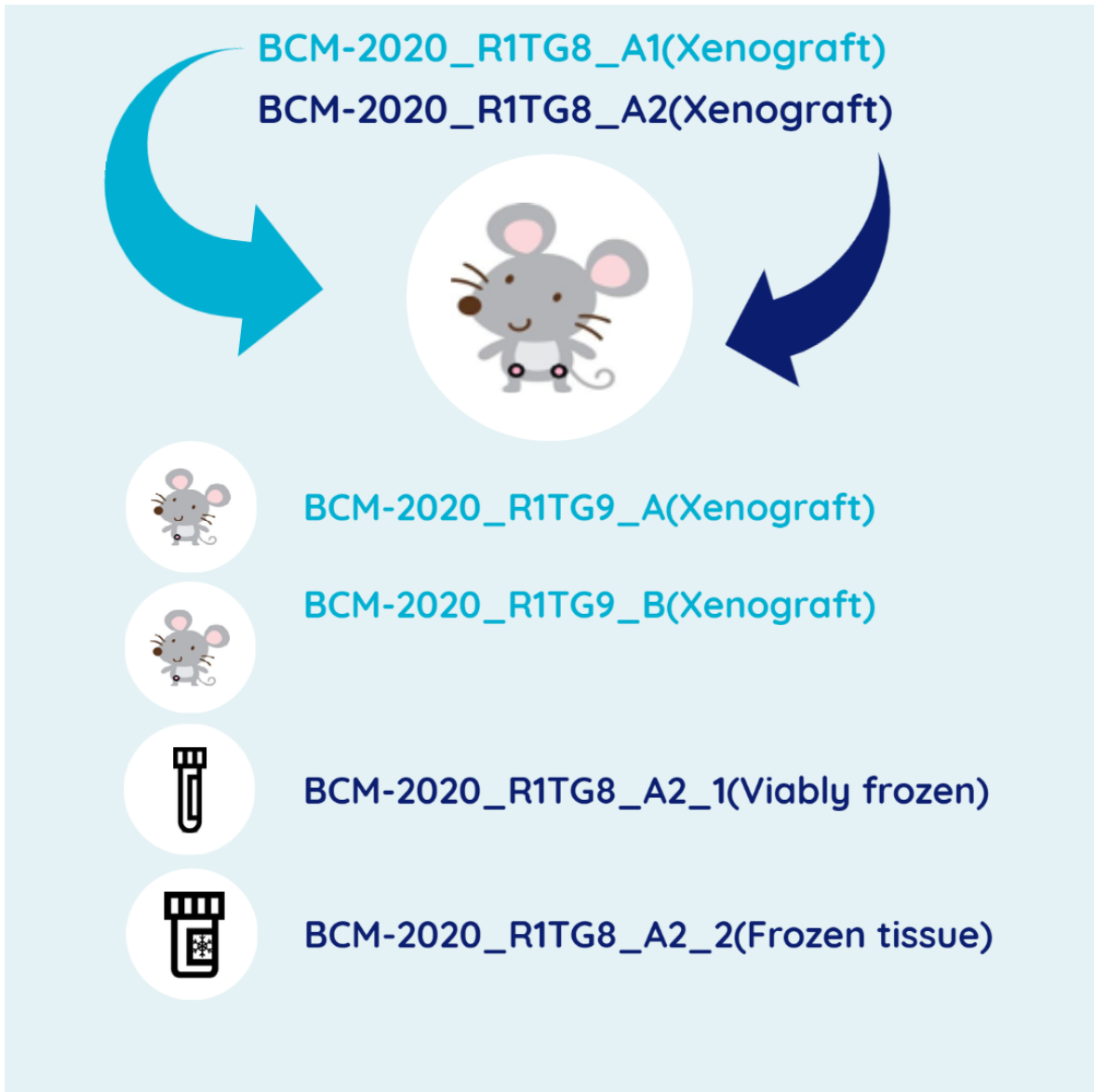
 **BCM-1010\_R1TG5\_A\_1(Viably frozen)**

 **BCM-1010\_R1TG5\_A\_2(Frozen tissue)**

 **BCM-1010\_R1TG5\_A\_3(Fixed tissue block)**  
External Identifier: name: FFPE; value: block number

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2. Naming conventions for derivatives created from tumors excised of double-sided tumor bearing mice going into single sided next generation:



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G. Revisions log:

Version	Revision Date	Section Revised	Notes
1	10.19.2021	All	SOP created

H. Appendix:

Date Harvested 09/23/20 Harvested By Lacey Dobrolecki

PDX TG Transplanted Transplant Chunks  
4664 R3TG4 07/28/20 10

Mouse	FFPE Block	Snap Frozen	STR	LDEV (spleen)	Snap Location (List -80°C storage location)	Viable	Viable Location (List deep freeze storage location)	Blood	Other Collaborators	Tumor Size
A	2300	2	1	1	(List -80°C storage location)	7	(List deep freeze storage location)	John		10.2x9.8
B	2301	2				7		Hari		9.7x8.9
C	2302	1				10			Tissue to Fuqua Lab	9.5x9.2

Data entered into OpenSpecimen

H.1 Harvest sheet.