

## PDX Data Sheet for COG-N-619x

**Disease:** Neuroblastoma  
**Phase of Therapy:** Post-Chemotherapy (Progressive Disease), Post XRT  
**Treatment:** ANBL00B1 (Chemotherapy, Surgery), Radiation  
**Disease Stage:** 4  
**Gender:** Male  
**Age at diagnosis:** 32.5 months  
**Race:** NA  
**Age at sample collection:** 40.7 months  
**Source of culture:** Right Bone Marrow February 2016  
**Primary tumor site:** Adrenal gland, NOS; Suprarenal gland; Adrenal, NOS  
**Date Established:** May 2016

**MYCN Patient:** Non-Amplified  
**MYCN PDX:** Relative copy number – 4 copies  
**TH mRNA:** Expressed  
**p53 functionality:** NA  
**Telomere Mechanism:** TERT+, C-circle negative  
**ALK:** Wild Type

**PDX RNAseq:** Available upon request  
**PDX WES:** Available upon request  
**Strain of Mice:** NSG or Athymic NuNu (recommended)  
**Injection Type:** Subcutaneous  
**Growth Properties:** 10e6 cells minimum, ~5 months to 1500mm<sup>3</sup>  
 Please see Protocols section at  
<https://www.cccells.org/protocols.php>

**Human vs. Mouse:** This PDX model has been tested and confirmed over multiple passages to be above 98% human cells.

**STR Profile:** May be obtained at <https://strdb.cccells.org/>

**Notes:** The Childhood Cancer Repository has a matching direct-to-culture cell line available from this same patient – COG-N-619. The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O<sub>2</sub> and 2% O<sub>2</sub> available from this same patient – COG-N-619h and COG-N-619h2. There is a matching cell line with a PDX also available from this same patient but were established from right bone marrow – COG-N-618 and COG-N-618x.

**h-IMPACT Profile | IDEXX:** PCR evaluation of EBV, HAAdV, Hantaan, HCMV, Hepatitis A, Hepatitis B, Hepatitis C, HHV 6, HHV8, HIV1, HIV2, HSV 1, HSV 2, HTLV 1, HTLV2, LCMV, Mycoplasma sp., Seoul, Sin Nombre, VZV were all negative.

---

## PDX Data Sheet for COG-N-619x

---

**Cell Line Name:** COG-N-619x

**References:**



---

## PDX Data Sheet for COG-N-619x

---

**PDX Name:** COG-N-619x

**H&E slides**