

## PDX Data Sheet for COG-N-623x

**PDX Name:** COG-N-623x

**Disease:** Neuroblastoma  
**Phase of Therapy:** Post-Chemotherapy (Progressive Disease)  
**Treatment:** Chemotherapy, Surgery ANBL1221  
**Disease Stage:** 4  
**Gender:** Male  
**Age at diagnosis:** 8.8 months  
**Race:** N/A  
**Age at sample collection:** months  
**Source of culture:** Tumor (2<sup>nd</sup>) surgery March 2016  
**Primary tumor site:** Adrenal gland, NOS  
**Date Established:** May 2016

**MYCN Status**

**Patient:** Amplified  
**PDX:** Relative copy number  
**TH mRNA:** Expressed  
**P53 status:** N/A  
**Telomere Mechanism:** TERT+

**Strain of Mice:** NSG or Athymic NuNu (recommended)  
**Injection Type:** Subcutaneous  
**Growth Properties:** 10e6 cells minimum, 2 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-623. 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-623h and COG-N-623h2. There is a matching diagnosis cell line with a PDX also available from this same patient – COG-N-603 and COG-N-603x.

**h-IMPACT Profile I IDEXX:** PCR evaluation of EBV, HAdV, 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-623x

---

**Cell Line Name:** COG-N-623x

**References:**

1. T. H. Nguyen, B. Koneru, S. J. Wei, W. H. Chen, M. R. Makena, E. Urias, M. H. Kang, C. P. Reynolds, Fenretinide via NOXA Induction, Enhanced Activity of the BCL-2 Inhibitor Venetoclax in High BCL-2-Expressing Neuroblastoma Preclinical Models. *Mol Cancer Ther.* 2019;18:2270-2282. PMID: 31484706  
<https://mct.aacrjournals.org/content/18/12/2270.long>
-





---

## PDX Data Sheet for COG-N-623x

---

**PDX Name:** COG-N-623x

**H&E slides**