

PDX Data Sheet for COG-N-618x

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: Left 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 – 3 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, ~4 months to 1500mm³
 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 96% 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-618. The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O₂ and 2% O₂ available from this same patient – COG-N-618h and COG-N-618h2. There is a matching cell line with a PDX also available from this same patient but were established from right bone marrow – COG-N-619 and COG-N-619x.

h-IMPACT Profile I 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.

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Cell Line Name: COG-N-618x

References:



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H&E slides