

PDX Data Sheet for COG-N-579x

Disease: Neuroblastoma
Phase of Therapy: Post-Chemotherapy (Progressive Disease)
Treatment: ANBL00B1 (Chemotherapy, Surgery),
 ANBL09P1 (¹³¹I-Metaiodobenzylguanidine (¹³¹I-MIBG), Radiation)
Disease Stage: 4
Gender: Male
Age at diagnosis: 66.2 months
Race: NA
Age at sample collection: 74.1 months
Source of culture: Right Bone Marrow July 2015
Primary tumor site: Adrenal gland, NOS; Suprarenal gland; Adrenal, NOS
Date Established: October 2018

MYCN Patient: Non-Amplified
MYCN PDX: Relative copy number – NA
TH mRNA: NA
p53 functionality: NA
Telomere Mechanism: NA
ALK: NA

PDX RNAseq: Available upon request
PDX WES: Available upon request
Strain of Mice: NSG or Athymic NuNu (recommended)
Injection Type: Subcutaneous
Growth Properties: 15e6 cells minimum, ~2-3 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 80% 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-579. The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O₂ available from this same patient – COG-N-579h.

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-579x

References:



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PDX Name: COG-N-579x

H&E slides

FINAL REPORT OF LABORATORY EXAMINATION

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

idxxbioanalytics@idexx.com

www.idexxbioanalytics.com

IDEXX BioAnalytics Case # 9128-2021

Received Date: 3/16/2021

Completed: 3/17/2021

Submitted By

Jonas Nance
 Texas Tech University Health Sciences Center
 3601 4th St
 Lubbock, TX 79430

Phone: 806-544-0629
 Email: Jonas.Nance@TTUHSC.edu

Specimen Description

Species: human
 Description: Cells

Purchase Order #: P0857315

Number of Specimens/Animals: 15

Client ID	Investigator	Room #	Species
COG-N-624x	Nance	LARC	human
COG-N-623x	Nance	LARC	human
COG-N-619x	Nance	LARC	human
COG-N-628x	Nance	LARC	human
COG-N-625x	Nance	LARC	human
COG-N-615x	Nance	LARC	human
COG-N-627x	Nance	LARC	human
COG-N-660x	Nance	LARC	human
COG-N-669x	Nance	LARC	human
COG-N-672x	Nance	LARC	human
COG-N-685x	Nance	LARC	human
COG-N-579x	Nance	LARC	human
COG-N-546x	Nance	LARC	human
COG-N-700x	Nance	LARC	human
COG-N-727x	Nance	LARC	human

Services/Tests Performed: h-IMPACT Profile I (1-15)

PCR evaluation for: *Corynebacterium bovis*, *Corynebacterium* sp. (HAC2), EBV, HAdV, Hantaan, HCMV, Hepatitis A, Hepatitis B, Hepatitis C, HHV 6, HHV 8, HIV1, HIV2, HPV16, HPV18, HSV 1, HSV 2, HTLV 1, HTLV 2, LCMV, *Mycoplasma* sp., Seoul, Sin Nombre, *Treponema pallidum*, VZV

Summary: All test results were negative.

PCR EVALUATION

cells	COG-N-624x	COG-N-623x	COG-N-619x	COG-N-628x
EBV	-	-	-	-
HAdV	-	-	-	-
HCMV	-	-	-	-
Hepatitis A	-	-	-	-
Hepatitis B	-	-	-	-
Hepatitis C	-	-	-	-
HHV 6	-	-	-	-
HHV 8	-	-	-	-
HIV1	-	-	-	-
HIV2	-	-	-	-
HPV16	-	-	-	-
HPV18	-	-	-	-
HSV 1	-	-	-	-
HSV 2	-	-	-	-
HTLV 1	-	-	-	-
HTLV 2	-	-	-	-
VZV	-	-	-	-
<i>Corynebacterium bovis</i>	-	-	-	-
<i>Corynebacterium</i> sp. (HAC2)	-	-	-	-
Hantaan	-	-	-	-
LCMV	-	-	-	-
<i>Mycoplasma</i> sp.	-	-	-	-
Seoul	-	-	-	-
Sin Nombre	-	-	-	-
<i>Treponema pallidum</i>	-	-	-	-

cells	COG-N-625x	COG-N-615x	COG-N-627x	COG-N-660x
EBV	-	-	-	-
HAdV	-	-	-	-
HCMV	-	-	-	-
Hepatitis A	-	-	-	-
Hepatitis B	-	-	-	-
Hepatitis C	-	-	-	-
HHV 6	-	-	-	-
HHV 8	-	-	-	-
HIV1	-	-	-	-
HIV2	-	-	-	-
HPV16	-	-	-	-

cells	COG-N-625x	COG-N-615x	COG-N-627x	COG-N-660x
HPV18	-	-	-	-
HSV 1	-	-	-	-
HSV 2	-	-	-	-
HTLV 1	-	-	-	-
HTLV 2	-	-	-	-
VZV	-	-	-	-
<i>Corynebacterium bovis</i>	-	-	-	-
<i>Corynebacterium</i> sp. (HAC2)	-	-	-	-
Hantaan	-	-	-	-
LCMV	-	-	-	-
<i>Mycoplasma</i> sp.	-	-	-	-
Seoul	-	-	-	-
Sin Nombre	-	-	-	-
<i>Treponema pallidum</i>	-	-	-	-

cells	COG-N-669x	COG-N-672x	COG-N-685x	COG-N-579x
EBV	-	-	-	-
HAdV	-	-	-	-
HCMV	-	-	-	-
Hepatitis A	-	-	-	-
Hepatitis B	-	-	-	-
Hepatitis C	-	-	-	-
HHV 6	-	-	-	-
HHV 8	-	-	-	-
HIV1	-	-	-	-
HIV2	-	-	-	-
HPV16	-	-	-	-
HPV18	-	-	-	-
HSV 1	-	-	-	-
HSV 2	-	-	-	-
HTLV 1	-	-	-	-
HTLV 2	-	-	-	-
VZV	-	-	-	-
<i>Corynebacterium bovis</i>	-	-	-	-
<i>Corynebacterium</i> sp. (HAC2)	-	-	-	-
Hantaan	-	-	-	-
LCMV	-	-	-	-
<i>Mycoplasma</i> sp.	-	-	-	-
Seoul	-	-	-	-
Sin Nombre	-	-	-	-
<i>Treponema pallidum</i>	-	-	-	-

cells	COG-N-546x	COG-N-700x	COG-N-727x
EBV	-	-	-
HAdV	-	-	-
HCMV	-	-	-
Hepatitis A	-	-	-
Hepatitis B	-	-	-
Hepatitis C	-	-	-
HHV 6	-	-	-
HHV 8	-	-	-
HIV1	-	-	-
HIV2	-	-	-
HPV16	-	-	-
HPV18	-	-	-
HSV 1	-	-	-
HSV 2	-	-	-
HTLV 1	-	-	-
HTLV 2	-	-	-
VZV	-	-	-
<i>Corynebacterium bovis</i>	-	-	-
<i>Corynebacterium</i> sp. (HAC2)	-	-	-
Hantaan	-	-	-
LCMV	-	-	-
<i>Mycoplasma</i> sp.	-	-	-
Seoul	-	-	-
Sin Nombre	-	-	-
<i>Treponema pallidum</i>	-	-	-

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress