PDX Data Sheet for COG-N-557x

Disease:	Neuroblastoma
Phase of Therapy:	Diagnosis
Treatment:	None
Disease Stage:	4
Gender:	Male
Age at diagnosis:	32.2 months
Race:	NA
Age at sample collection:	32.2 months
Source of culture:	Tumor surgery January 2015
Primary tumor site:	Abdomen, NOS Abdominal wall, NOS Intra-abdominal site, NOS
Date Established:	April 2015

MYCN Patient:	Amplified
MYCN PDX:	Relative copy number – 277 copies
TH mRNA:	Expressed
p53 functionality:	NA
Telomere Mechanism:	TERT+++, C-circle negative
ALK:	F1245L

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, ~2-3 months to 1500mm^3
	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 99% 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-557. The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O_2 and 2% O_2 available from this same patient – COG-N-557h and COG-N-557h2.

h-IMPACT Profile l 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.

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Cell Line Name: COG-N-557x

References:

1. J. L. Harenza, M. A. Diamond, R. N. Adams, M. M. Song, H. L. Davidson, L. S. Hart, M. H. Dent, P. Fortina, C. P. Reynolds, J. M. Maris, Transcriptomic profiling of 39 commonly-used neuroblastoma cell lines. Sci Data. 2017;4:170033. PMID: 28350380
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5369315/

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PDX Name: COG-N-557x

H&E slides

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