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## PDX Data Sheet for Felix-PDX/COG-N-426x

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**Disease:** Neuroblastoma  
**Phase of Therapy:** Post-Chemotherapy (Progressive Disease), Post-mortem  
**Treatment:** NA  
**Disease Stage:** 4  
**Gender:** Male  
**Age at diagnosis:** 48 months  
**Race:** NA  
**Age at sample collection:** NA  
**Source of culture:** Blood (autopsy) August 2011  
**Primary tumor site:** NA  
**Date Established:** December 2011

**MYCN Patient:** NA  
**MYCN PDX:** Relative copy number – 3 copies  
**TH mRNA:** Expressed  
**p53 functionality:** NA  
**Telomere Mechanism:** TERT+, C-circle negative  
**ALK:** F1254C

**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<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 92% 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 – Felix/COG-N-426. The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O<sub>2</sub> available from this same patient –Felix-h/COG-N-426h.

**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:** Felix-PDX or COG-N-426x

**References:**



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**PDX Name:** Felix-PDX or COG-N-426x

**H&E slides**