



TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER School of Medicine Cancer Center

## Cell Line Data Sheet for COG-N-590

MYCN Patient: MYCN Cell line: TH mRNA: p53 functionality: Telomere Mechanism ALK:Positive NAIC90 (DIMSCAN'): *see reference 4 Growth Conditions:Please see Protocols section at <a href="https://www.cccells.org/protocols.php">https://www.cccells.org/protocols.php</a> 5% CO2, 20% O2, 37.0°C; 5% CO2, 5% O2, 37.0°C; 5% CO2, 2% O2, 37.0°CMedia Formulation:Please see Protocols section at <a href="https://www.cccells.org/protocols.php">https://www.cccells.org/protocols.php</a> CO2, 20% O2, 37.0°C; 5% CO2, 2% O2, 37.0°CMedia Formulation:Please see Protocols section at <a href="https://www.cccells.org/protocols.php">https://www.cccells.org/protocols.php</a> Cells are grown in a base medium of lscove's Modified Dublecco's Medium plus the following supplements (to a final concentration): 20% Fetal Bovine Serum, 4mM L-Glutamine, 1X ITS (5 µg/mL insulin, 5 µg/mL transferrin, 5 ng/mL selenous acid)Doubling Time: Morphology: Growth Properties20% O2 – 301 hours5% O2 – 187 hours2% O2 – 277 hoursAdherentMay be obtained at <a href="https://strdb.cccells.org/">https://strdb.cccells.org/</a> Notes:The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O2 and 2% O2 available from this same patient – COG-N-590h;<	Disease: Phase of Therapy: Treatment: Disease Stage: Gender: Age at diagnosis: Race: Age at collection: Source of Culture: Primary Tumor Site: Date Established:	Neuroblastoma Diagnosis ANBL00B1 (20151013) 4 N/A 56 months N/A N/A N/A Tumor Cortex of adrenal gland November 2015 (surgery October 2015)
*see reference 4 Growth Conditions: Please see Protocols section at https://www.cccells.org/protocols.php   5% CO2, 20% O2, 37.0°C; 5% CO2, 5% O2, 37.0°C; 5% CO2, 2% O2, 37.0°C   Media Formulation: Please see Protocols section at https://www.cccells.org/protocols.php   Cells are grown in a base medium of Iscove's Modified Dulbecco's Medium plus the following supplements (to a final concentration): 20% Fetal Bovine Serum, 4mM L-Glutamine, 1X ITS (5 µg/mL insulin, 5 µg/mL transferrin, 5 ng/mL selenous acid)   Doubling Time: 20% O2 – 301 hours 5% O2 – 187 hours 2% O2 – 277 hours   Morphology: Growth Properties May be obtained at https://strdb.cccells.org/   Notes: The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O2 and 2% O2 available from this same patient – COG-N-590h; COG-N-590h2. The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-590x. The Childhood Cancer Repository has matching hypoxic cell lines established from this same	MYCN Cell line: THmRNA: p53 functionality: Telomere Mechanism	
Morphology: Growth PropertiesAdherentSTR Profile:May be obtained at <a href="https://strdb.cccells.org/">https://strdb.cccells.org/</a> Notes:The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O2 and 2% O2 available from this same patient – COG-N-590h; COG-N-590h2. The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-590x. The Childhood Cancer Repository has matching hypoxic cell lines established from this same	*see reference 4 Growth Conditions:	5% CO <sub>2</sub> , 20% O <sub>2</sub> , 37.0°C; 5% CO <sub>2</sub> , 5% O <sub>2</sub> , 37.0°C; 5% CO <sub>2</sub> , 2% O <sub>2</sub> , 37.0°C Please see Protocols section at <u>https://www.cccells.org/protocols.php</u> Cells are grown in a base medium of Iscove's Modified Dulbecco's Medium plus the following supplements (to a final concentration): 20% Fetal Bovine Serum, 4mM L-Glutamine,
Notes:The Childhood Cancer Repository has a matching hypoxic cell line grown at 5% O2 and 2% O2 available from this same patient – COG-N-590h; COG-N-590h2. The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-590x. The Childhood Cancer Repository has matching hypoxic cell lines established from this same	Morphology:	
available from this same patient – COG-N-590h; COG-N-590h2. The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-590x. The Childhood Cancer Repository has matching hypoxic cell lines established from this same	STR Profile:	May be obtained at <u>https://strdb.cccells.org/</u>
patient's left and right bone marrow – COG-N-591; COG-N-592.	Notes:	available from this same patient – COG-N-590h; COG-N-590h2. The Childhood Cancer Repository has a matching PDX available from this same patient – COG-N-590x.





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## Cell Line Data Sheet for COG-N-590

Cell Line Name: COG-N-590

**References:** 





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