

Resource Summary Report

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Chordoma Foundation Biobank

RRID:SCR_006425

Type: Tool

Proper Citation

Chordoma Foundation Biobank (RRID:SCR_006425)

Resource Information

URL: <http://www.chordomafoundation.org/research/rdrepository.aspx>

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Description: U-CH1 and U-CH2 are sacral-chordoma derived cell lines created by the lab of Dr. Peter Moeller at the University of Ulm, Germany. The Chordoma Foundation maintains a repository of these cell lines and makes them available to academic and industry investigators. Additionally, Notochordal tissue is available from the Congenital Defects Lab at the University of Washington. (Contact us for more information.) The following data is available: * Xenographs: The U-CH1 cell line forms tumors that resemble chordomas in NSG mice. A protocol for creating a xenograft using U-CH1 was developed by Dr. Adrienne Flanagan. * Tissue Microarrays (sacral, spine, skull base, lumbar, cervical, mobile spine, etc.) * Gene Expression Data: EBI Array Express Experiment E-MEXP-353: transcription profiling of human mesenchymal and some possibly neural crest derived neoplasms using the Affymetrix GeneChip? Human Genome HG-U133A. This data set was generated by the University College London Cancer Institute and contains 96 tissue samples including 4 chordomas. * Comparative Genomic Hybridization Data: Gene Expression Omnibus Series GSE9023: DNA copy number analysis of 21 fresh frozen chordoma biopsies, and the respective relapse in four of them, using 32k and 1Mb array CGH. Cases 1-11 were analyzed using 32k array CGH and male genomic DNA (Promega) was used as reference. Cases 17-26, and the respective relapse in four of these tumors, were analyzed with 1 Mb array CGH, using sex matched controls. All cases showed copy number alterations and primarily deletions of chromosomal regions were found. Particularly, the CDKN2A and CDKN2B loci in 9p21 were homo- or heterozygously lost in 70% of the tumors.

Abbreviations: Chordoma Foundation Biobank

Synonyms: Chordoma Foundation Resource & Data Repository, Chordoma Foundation Resource and Data Repository

Resource Type: tissue bank, biomaterial supply resource, material resource

Keywords: cell line, notochordal tissue, xenograph, congenital defect, tissue microarray, mesenchymal, neural crest, neoplasm, chordoma, sacral, spine, skull base, lumbar, cervical, mobile spine

Related Condition: Chordoma, Congenital Defect, Bone cancer

Funding:

Availability: Public: Cell lines are available to academic and industry investigators.

Resource Name: Chordoma Foundation Biobank

Resource ID: SCR_006425

Alternate IDs: nlx_66982

Record Creation Time: 20220129T080236+0000

Record Last Update: 20250429T055051+0000

Ratings and Alerts

No rating or validation information has been found for Chordoma Foundation Biobank.

No alerts have been found for Chordoma Foundation Biobank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.