Materials List for:

Integration of Bioinformatics Approaches and Experimental Validations to Understand the Role of Notch Signaling in Ovarian Cancer

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Materials

Name	Company	Catalog Number	Comments
DAPI (4',6-Diamidino-2-Phenylindole, Dihydrochloride)	Invitrogen	D1306	1:1000 Dilution
PBS, Phosphate Buffered Saline, 10X Powder, pH 7.4	ThermoFisher	FLBP6651	Dissolved with ddH2O to make 1X PBS
Goat serum	Gibco	16210064	Serum
Embryo dish	Electron Microscopy Sciences	70543-45	Dissection Dish
Nutating mixers	Fisherbrand	88861041	Nutator
tj-Gal4, Gal80ts/ CyO; UAS-NICD-GFP/ TM6B	Dr. Wu-Min Deng at Florida State University	N/A	Fly stock
w*; UAS-mam.A	Bloomington Drosophila Stock Center	#27743	Fly stock
w[1118]	Bloomington Drosophila Stock Center	#5905	Fly stock
The PRECOG portal	Stanford University	precog.stanford.edu	Publicly accessible database of cancer expression datasets
CSIOVDB	Cancer Science Institute of Singapore	csibio.nus.edu.sg/CSIOVDB/CSIOVDB.html	Microarray database used to study ovarian cancer
The Gene Expression across Normal and Tumor tissue (GENT) Portal	Korea Research Institute of Bioscience and Biotechnology (KRIBB)	medical–genome.kribb.re.kr/GENT	Publicly accessible database of gene expression data across diverse tissues, divided into tumor and normal tissues.
Broad Institute Cancer Cell Line Encyclopedia (CCLE)	Broad Institute and The Novartis Institutes for BioMedical Research	portals.broadinstitute.org/ccle	Provides genomic profiles and mutations of human cancer cell lines
cBioPortal	Memorial Sloan Kettering Cancer Center (MSK)	cioportal.org	Portal that allows researchers to search for genetic alterations and signaling networks
Zeiss 710 Inverted confocal microscope	Carl Zeiss	ID #M 210491	Examination and image collection of fluorescently labeled specimens