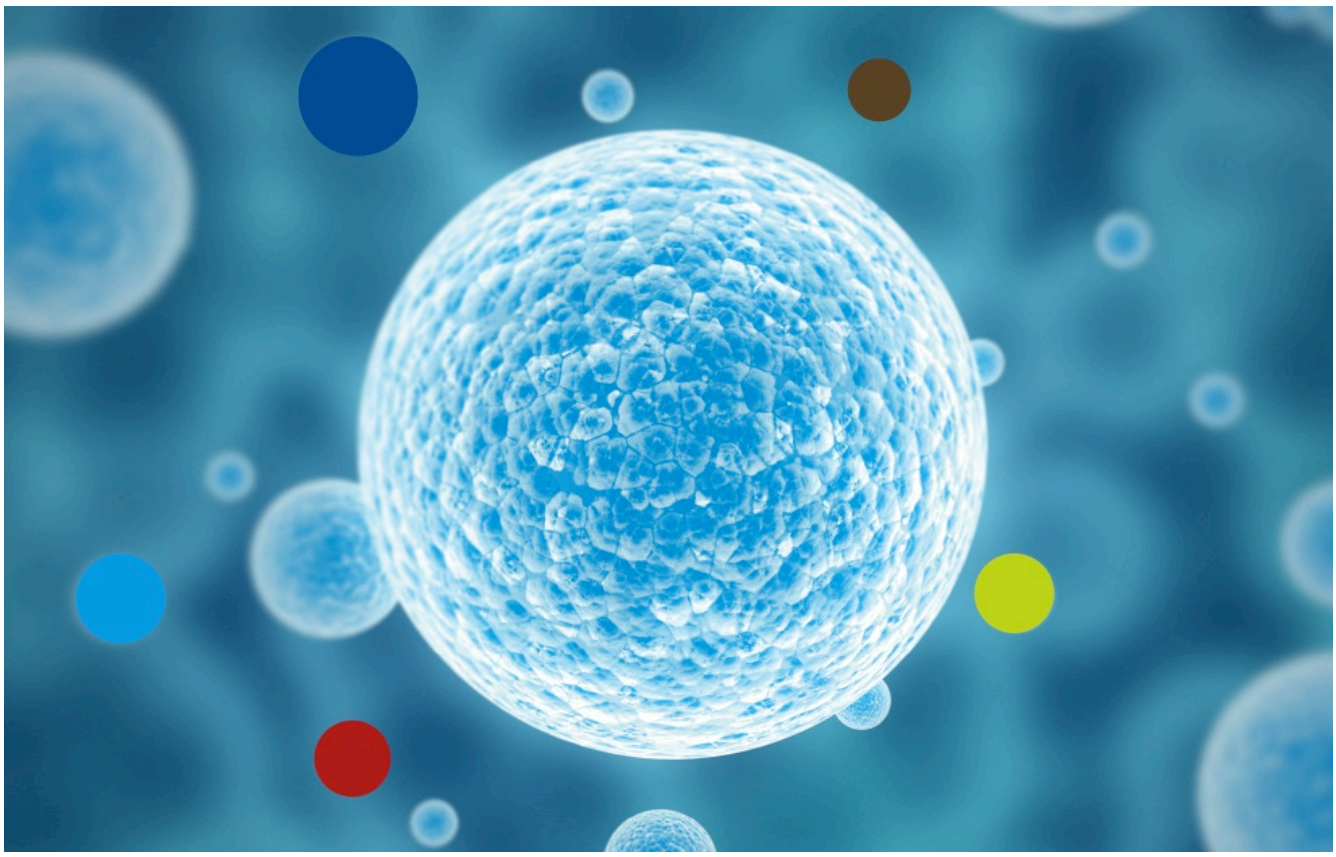
EBiSC Catalogue User Guide

European Bank for induced pluripotent Stem Cells



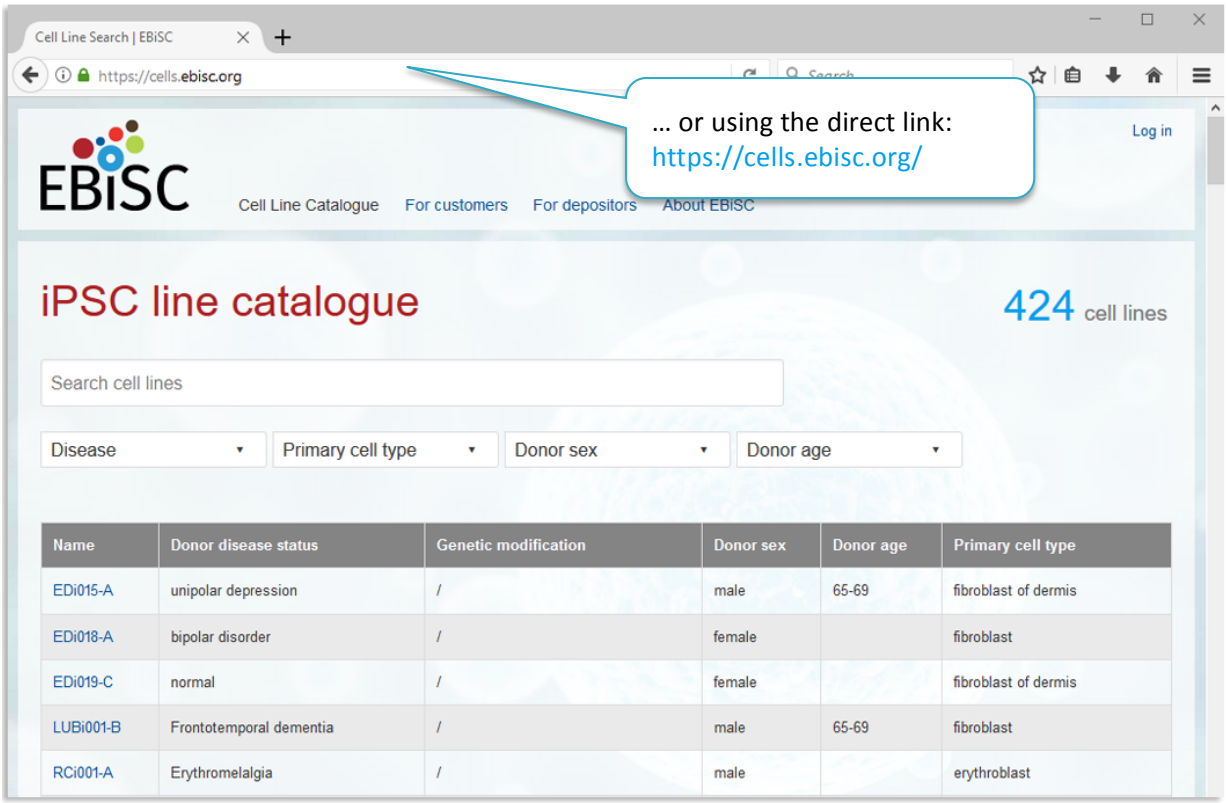
https://cells.ebisc.org & http://ebisc.org/

The EBiSC - European Bank for induced pluripotent Stem Cells project has received support from the Innovative Medicines Initiative Joint Undertaking under grant agreement n° 115582, resources of which are composed of a financial contribution from the European Union's Seventh Framework Programme (FP7/2007-2013) and EFPIA companies' in kind contribution. www.imi.europa.eu

The EBiSC Cell line catalogue lists all EBiSC cell lines available for purchase. The lines are displayed in a table that presents a general overview of the collection and supports sorting by different parameters such as name, disease, donor age and sex, and cell type).

Accessing the Catalogue

You can access the catalogue via the main EBiSC website (http://ebisc.org/) or directly (https://cells.ebisc.org/).



About the Catalogue

The front page displays the current status of the catalogue and includes all lines that are available for purchase. They are displayed in a searchable table that provides cell line summary information: the disease state, genetic modification, primary cell type and donor sex and age. The name column links to a separate individual page for each cell line.

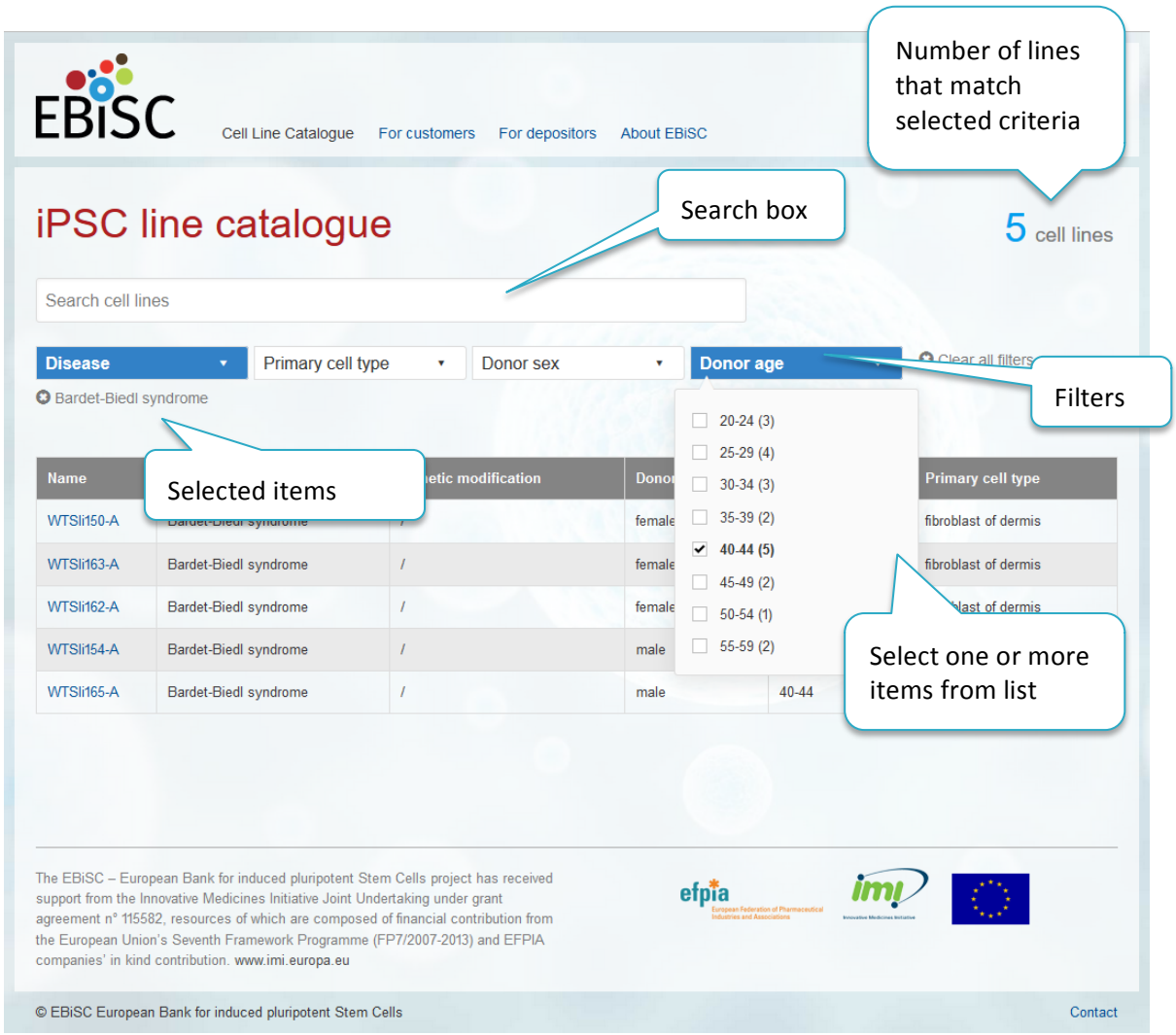
Name	Donor disease status	Genetic modification	Donor sex	Donor age	Primary cell type
EDi015-A	unipolar depression	/	male	65-69	fibroblast of dermis
EDi018-A	bipolar disorder	/	female		fibroblast
EDi019-C	normal	/	female		fibroblast of dermis
LUBi001-B	Frontotemporal dementia	/	male	65-69	fibroblast
RCi001-A	Erythromelalgia	/	male		erythroblast
RCi002-A			female		erythroblast
UOXFi003-C			male	45-49	fibroblast of dermis
UOXFi005-B			male	65-69	fibroblast of dermis
UOXFi005-C	normal	/	male	65-69	fibroblast of dermis
UOXFi007-A	Parkinson's disease	/	female	70-74	fibroblast of dermis
UOXFi008-C	Parkinson's disease	/	female	55-59	fibroblast of dermis
UOXFi009-A	Parkinson's disease	/	female	60-64	fibroblast of dermis
UOXFi009-C	Parkinson's disease	/	female	60-64	fibroblast of dermis
UNEWi022-B	age-related macular degeneration	/	male	85-89	fibroblast of dermis
UNEWi024-A	age-related macular degeneration	/	male	75-79	fibroblast of dermis
UNEWi024-C	age-related macular degeneration	/	male	75-79	fibroblast of dermis
UNEWi025-B	age-related macular degeneration	/	female	70-74	fibroblast of dermis

Search and filtering

You can use keyword search and faceted filtering to narrow the number of displayed cell lines from the catalogue.

Filter Search

You can use multiple filters and values within filters when looking for suitable cell lines.



Currently available filters are: Disease, Primary Cell type, Donor sex and Donor age. The numbers next to items inside filters display how many lines in the catalogue match the selection criteria. Each time you select values for a filter they appear below the filter box. The selection items in all other filters are refreshed according to your current selection and availability in the catalogue.

You can remove selected filter items by clicking on the x icon in front of each item. Or you can click on “Clear all filters” to remove all selected items.

Keyword search

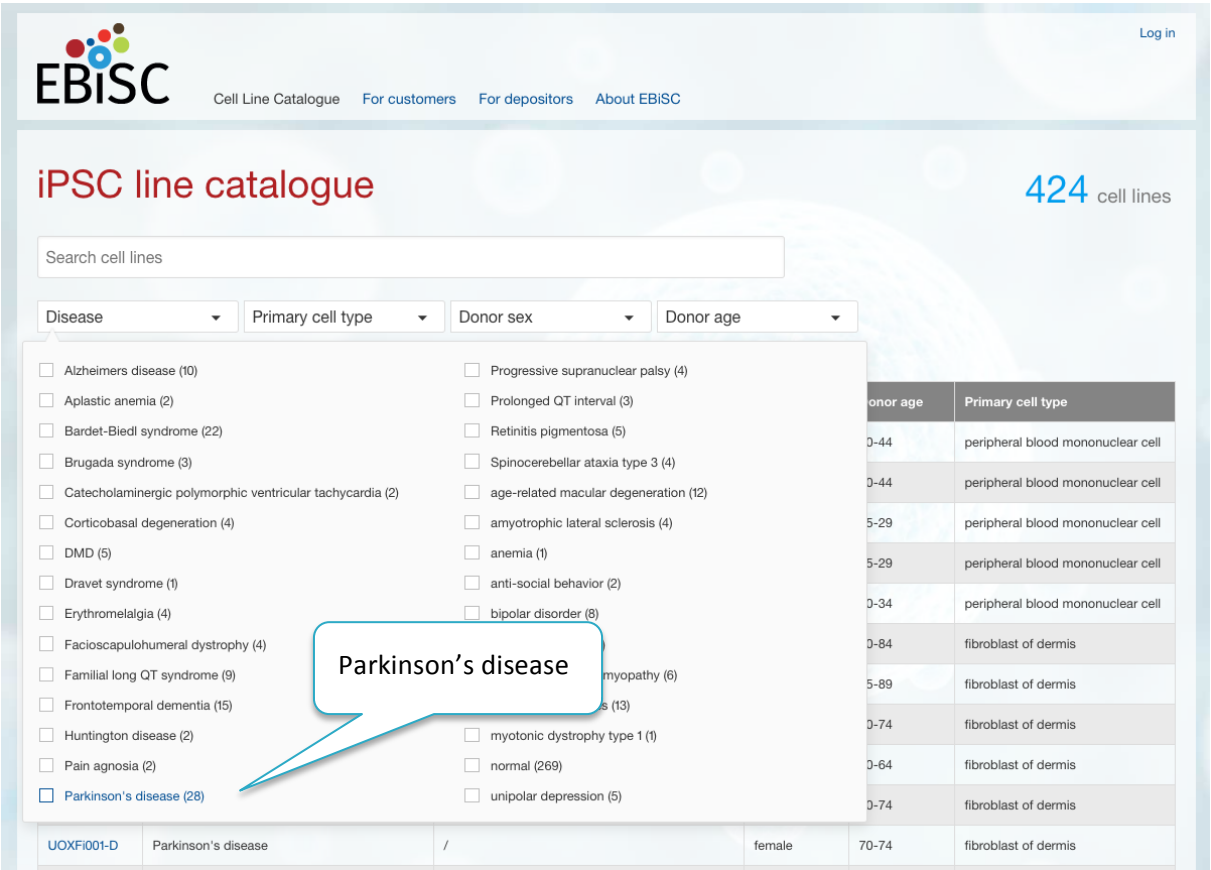
The search box above the filters enables broader searching. You can find lines based on other descriptive information associated with them, beyond what is displayed in the summary table.

The number of found / available cell lines that match your selected criteria always appears in the upper right hand side of the page.

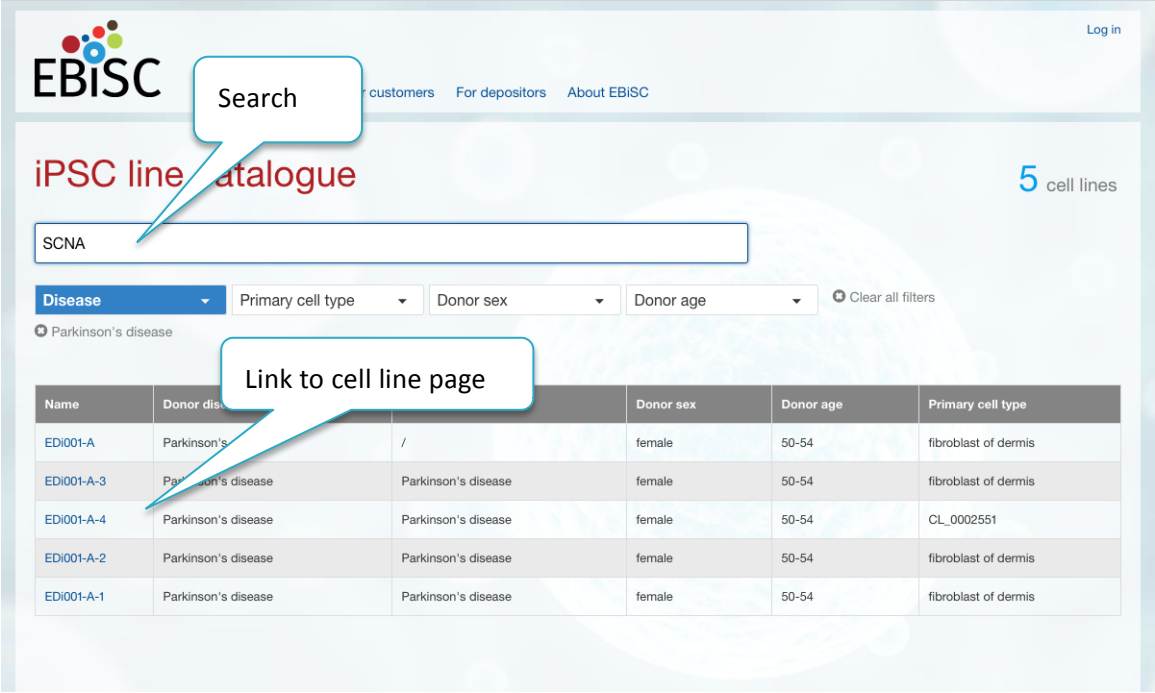
Example search

Anne is looking for lines associated with Parkinson's disease and lines with mutations in SCNA.

First, Anne looks at the disease dropdown filter. She sees Parkinson's disease and that there are 28 lines associated with that disease available in the EBiSC catalogue. Anne clicks on the Parkinson's disease check box and this filters the results in the summary table to 28 lines that are associated with this disease.



Anne is particularly interested in mutations in the SCNA gene. The information is not visible in the summary table, so Anne decides to use the search box and types SCNA. The table is further filtered to lines that have this gene name in their description.



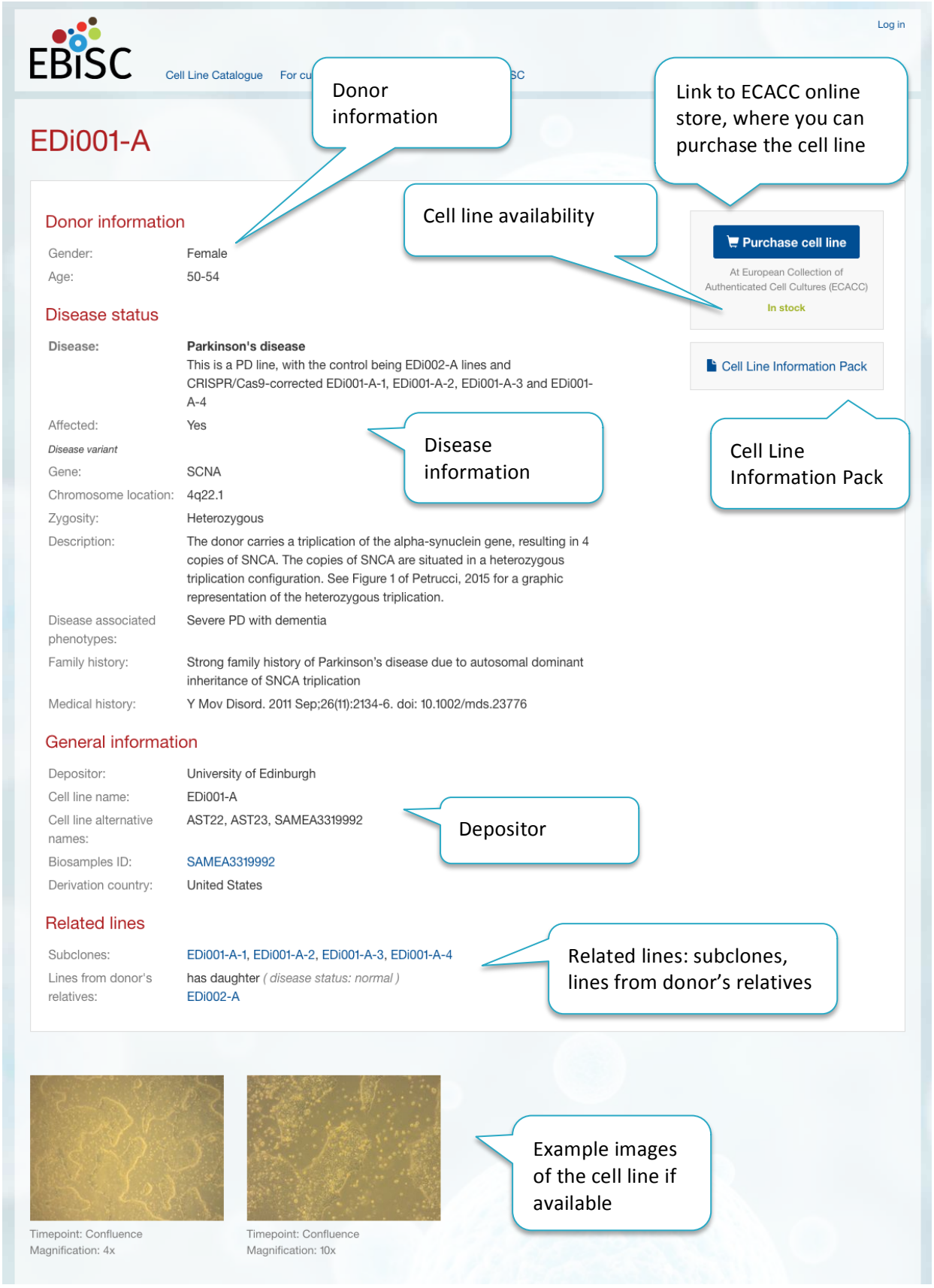
There are five lines with the SCNA gene in their description. This is actually a cell line and four genetically modified subclones of this line. This can been seen from the cell line name. All lines have the stem EDi001-A followed by a different number, 1, 2, 3 and 4.

After finding lines of interest, Anne can now view detailed information on each cell line by clicking on their names.

Cell line page

Each cell line page displays:

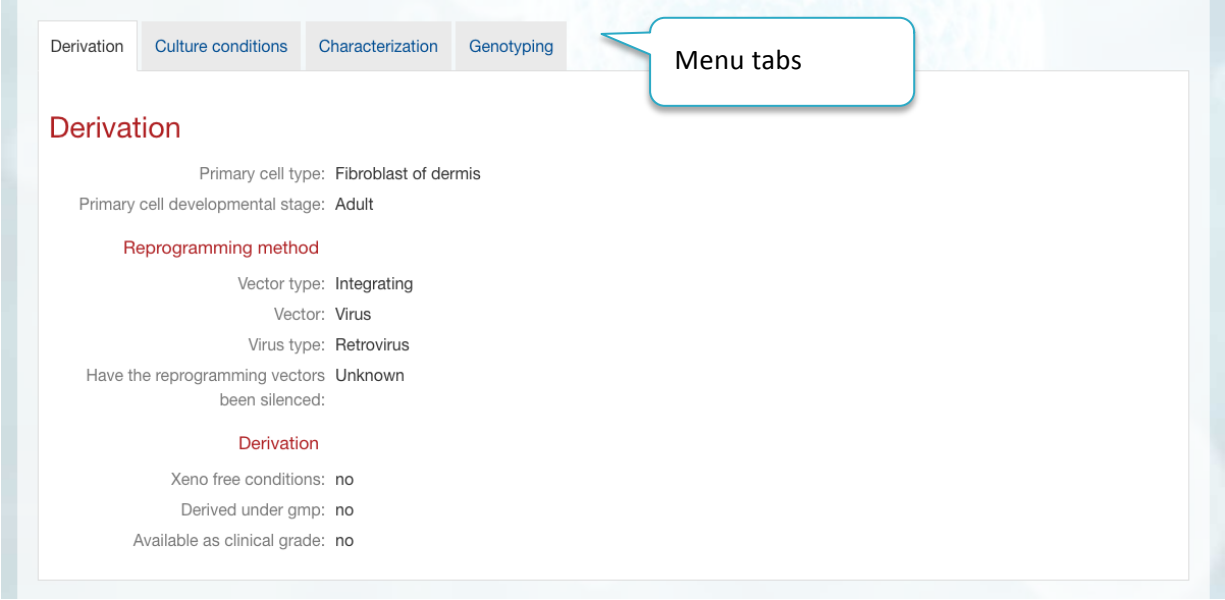
- General information about a cell line, including donor and disease information, depositor and reference publications
- Link to the ECACC catalogue where you can purchase the cell line
- Link to the Cell line information pack
- Images of the cell line if available



Further down the page you can find additional information about the cell line and how it was created. The depositor provided this information when registering the line in hPSCreg (http://hpscreg.eu).

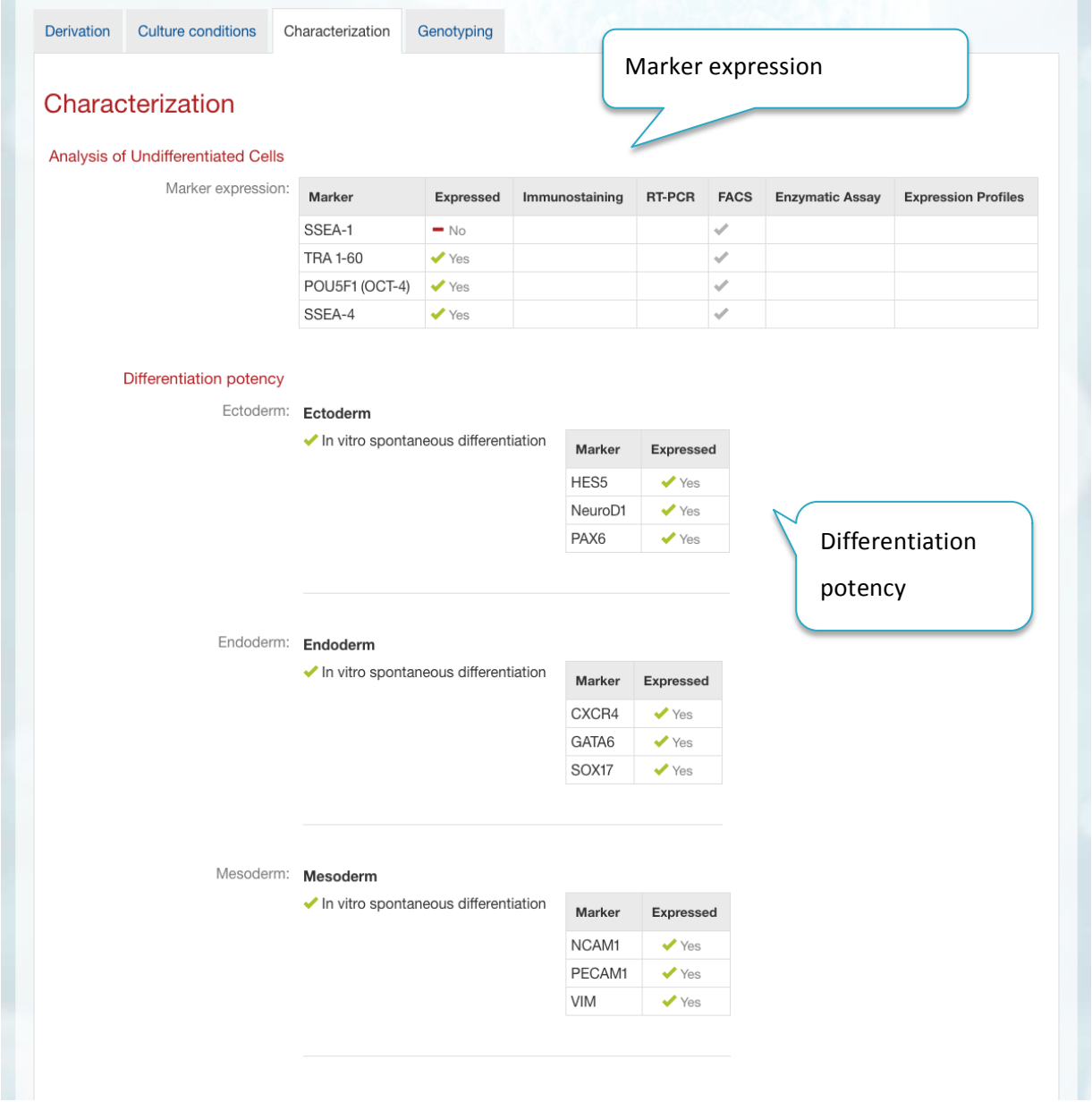
This information is displayed in a single box with five tabs: derivation, culture conditions, characterisation, genotyping and genetic modification (only for gene-edited lines).

The derivation tab displays details of how the line was reprogrammed and when the source tissue was collected.

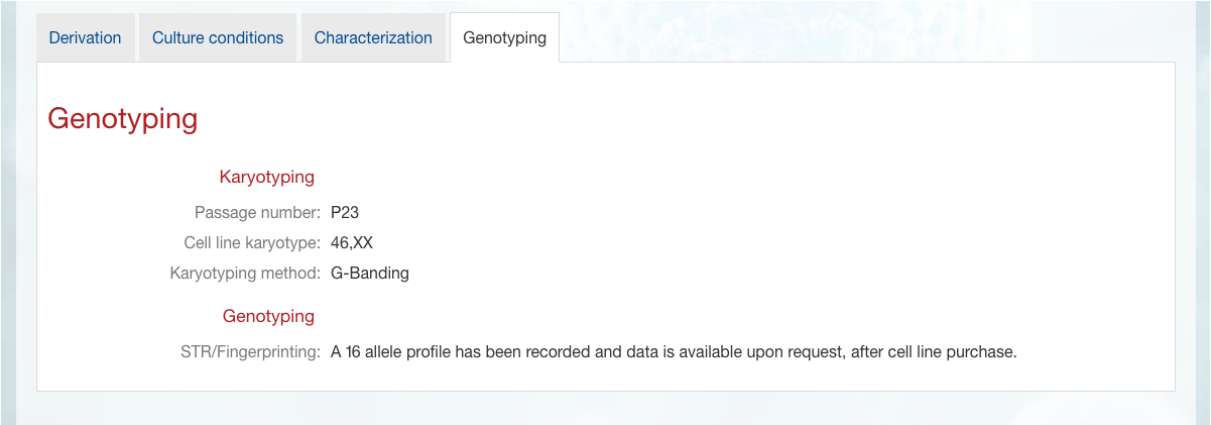


The culture conditions tab gives information about how the cell line has been cultured.

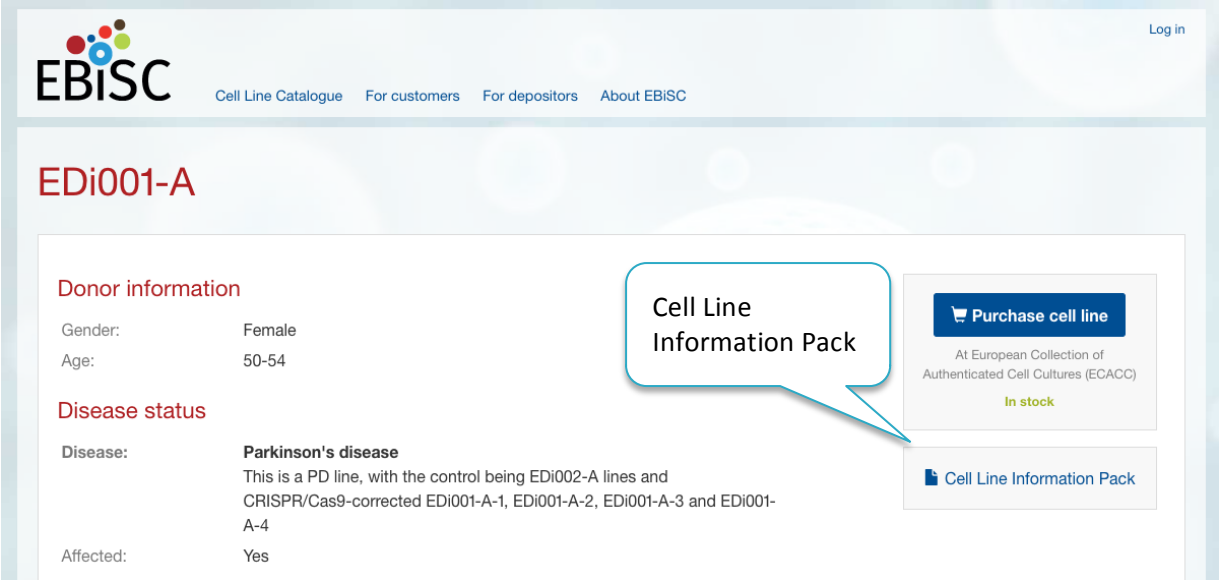
The characterization tab gives details of what sterility, morphology and marker screening has been carried out on a particular cell line.



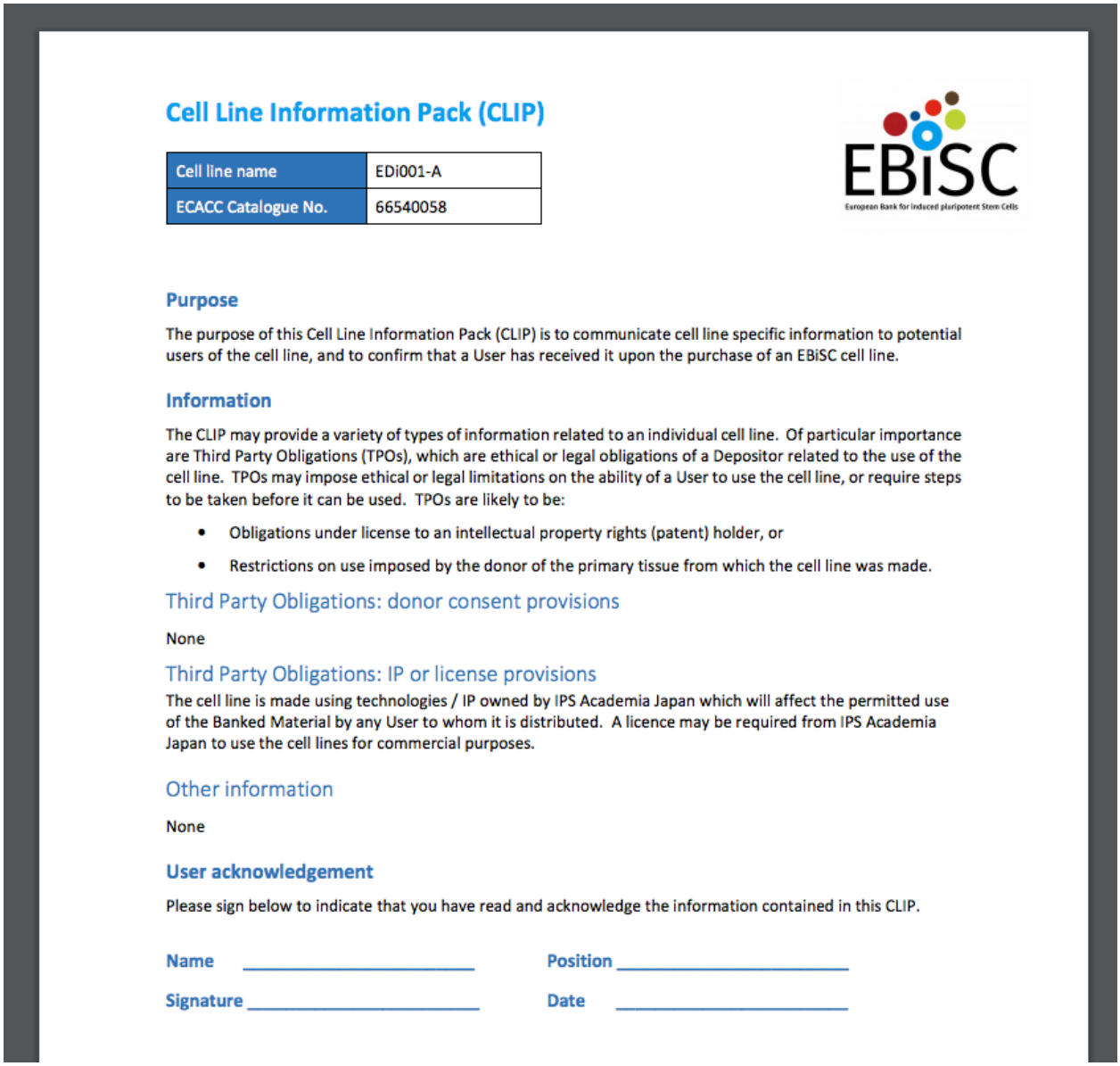
The genotyping tab contains information about any karyotyping and genotyping that has been conducted on the line.



CLIP – Cell line Information Pack



The Cell Line Information Pack contains additional information about each cell line, including any associated third party obligations or license provisions. You can find the link to the Cell Line Information Pack at the top right side of the page.



Cell Line Information Pack (CLIP)

Cell line name	EDi001-A
ECACC Catalogue No.	66540058

Purpose

The purpose of this Cell Line Information Pack (CLIP) is to communicate cell line specific information to potential users of the cell line, and to confirm that a User has received it upon the purchase of an EBiSC cell line.

Information

The CLIP may provide a variety of types of information related to an individual cell line. Of particular importance are Third Party Obligations (TPOs), which are ethical or legal obligations of a Depositor related to the use of the cell line. TPOs may impose ethical or legal limitations on the ability of a User to use the cell line, or require steps to be taken before it can be used. TPOs are likely to be:

- Obligations under license to an intellectual property rights (patent) holder, or
- Restrictions on use imposed by the donor of the primary tissue from which the cell line was made.

Third Party Obligations: donor consent provisions

None

Third Party Obligations: IP or license provisions

The cell line is made using technologies / IP owned by IPS Academia Japan which will affect the permitted use of the Banked Material by any User to whom it is distributed. A licence may be required from IPS Academia Japan to use the cell lines for commercial purposes.

Other information

None

User acknowledgement

Please sign below to indicate that you have read and acknowledge the information contained in this CLIP.

Name _____ **Position** _____

Signature _____ **Date** _____

Cell Line Information Pack PDF

Cell line purchase

If you decide to purchase any of the lines in the EBiSC catalogue, you can do so by clicking on the “Purchase cell line” button on the right side of the page. This will lead you to the European Collection of Authenticated Cell Cultures (ECACC) website where you can buy the chosen line.

For details on how to complete your purchase please visit the comprehensive ECACC guide on how to order cell lines (http://www.phe-culturecollections.org.uk/orderinginfo/index.aspx).