INSTITUTE OF GENETICS AND CYTOLOGY AT NATIONAL ACADEMY OF SCIENCES OF BELARUS

PROGRAM “MARKER” FOR ANALYZING CELL IMAGES

Y.I. Sheiko, Ph.D.
Tel.: +375(17) 284 21 90
Fax: +375(17) 284 19 17
E-mail: Y.Sheiko@igc.bas-net.by

The Program “Marker” is intended for analyzing videorecord of a cell clone by measuring various cell parameters of clone cells. The analyzed cell parameters are as follows: perimeter, area, shape, travel speed, passed path, path of a motion.

The data obtained allow construction of cell genealogies from which one can observe dynamics in changing cell parameters over a period of several cell generations.

Form of collaboration: Licensed agreements on transfer of rights.