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(57) Abstract

Transgenic organisms (in particular, transgenic animals or plants) bearing positive and/or negative selectable markers are described along with their use in various methods including tissue/cell culture techniques, methods of making monoclonal antibodies, methods of selectively eliminating or depleting a particular tissue/cell type, methods of screening compounds for pharmacological activity and methods of determining the effect of a deficit in a first class of cells or the characteristics of a second class of cells in an organism.