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cloning is a method that is used to produce genetically identical copies of pieces of dna cells or organisms cloning methods include molecular cloning which makes copies of pieces of dna herein we describe recent advances in strategies for bgc cloning with a focus on the preparation of high molecular weight dna fragment selection and optimization of vectors used for carrying large size dna and methods for assembling targeted dna fragment and appropriate vector genomes can be cloned individuals cannot in the future therapeutic cloning will bring enhanced possibilities for organ transplantation nerve cells and tissue healing and other health benefits keywords human origins natural selection cultural evolution genetic therapy therapeutic cloning the word cloning is referred as making an identical copy which has a greek origin of asexual replication of an organism cloning has been used in various fields of biology while the dna molecule of cells with genetically identical structure is known as a clone this chapter will present an overview of modern molecular cloning procedures and their potential applications and provide the basic concepts and protocols required to perform a traditional the ethical implications of human cloning it might be replied that cloning and genetic engineering are in principle no different from other ways in which parents go to great lengths to produce children of a certain kind or designer children cloning of a human is replication and not procreation morally questionable uses of genetic material transfer and cloning obviously exist for example infertility experts might be especially interested in the cloning technique to produce identical twins triplets or quadruplets blastocyst formation embryo transfer and breed comparison in the first reported large scale cloning of camels p o olsson a h tinson w s hwang this methodology paper can serve as a roadmap for researchers who want to quickly exploit the power of pcr cloning but have their main focus on functional in vitro and in vivo aspects of cellular engineering drawing on official records and first hand observations at bioethics meetings this article examines the human cloning debate at unesco from 2008 onwards thus building on and advancing current in this paper i briefly explore one of the most commonly used ethical justifications for cloning laws the idea that reproductive cloning necessarily infringes notions of human dignity as we will see there is in fact little consensus on point this paper is an effort to articulate and to evaluate critically the main moral considerations and arguments for and against human cloning the term cloning describes a number of different processes that can be used to produce genetically identical copies of a biological entity the copied material which has the same genetic makeup as the original is referred to as a clone explore the latest full text research pdfs articles conference papers preprints and more on cloning find methods information sources references or conduct a literature review on cloning cloning the process of generating a genetically identical copy of a cell or an organism cloning happens often in nature as when a cell replicates itself asexually without genetic alteration or recombination

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