

What are restriction enzymes?

How does electrophoresis work?

How can electrophoresis play a role forensics and paternity testing?

How can we sequence DNA using terminating nucleotides?

What are three outcomes of the sequencing of the human genome?

When genes are transferred between species, what is actually transferred?

What is a technique for transferring genes using plasmids?

What is recombinant DNA technology?

What are two examples of current uses of GMO crops?

What are the potential benefits and possible harmful effects of one example of GMO?

What is a clone?

How do you clone using differentiated animal cells?

What are ethical issues with therapeutic cloning of humans?  
Creation of embryos for supply embryonic stem cells?

What are pluripotent and totipotent stem cells?

What is a therapeutic use of stem cells?