

Question 1: Which of the following is a tumor inducing Bacteria?

- Agrobacterium rhizogene
- Agrobacterium tumefaciens
- Agrobacterium subtilis
- E.coli

Question 2: Which of the following methods are used to make Bacterial cells competent to take the foreign plasmid DNA. \_\_\_\_\_?

- Calcium chloride method
- Electroporation
- Heat shock method
- All of the given

Question 3: The genetic markers should be \_\_\_\_\_ and \_\_\_\_\_.

- polymorphic, reproducible
- rare, reproducible
- polymorphic, heterozygous
- good, resistable

Question 4: The first transgenic mouse being created by injecting a gene for a art growth hormone into a mouse embryo in \_\_\_\_\_ year.

- 1988
- 1982
- 1998
- 1992

Question 5: The interaction of genes that are not alleles, in particular the suppression of the effect of one such gene by another is called \_\_\_\_\_.

- Epistasis
- Metastasis
- Codominance
- Multiallelic

Question 6: AFLP markers involves cleavage of DNA with \_\_\_\_\_ different enzymes.

- 1
- 2
- 3
- 4