

# Genetic technology

## A-Level Biology · Vocabulary

Write each word 3 times. 把每个单词抄写三遍。

| English                                                                                                      | 中文     | Write it 3 times (English) |  |  |
|--------------------------------------------------------------------------------------------------------------|--------|----------------------------|--|--|
|  recombinant                | 重组     |                            |  |  |
|  genetic engineering        | 基因工程   |                            |  |  |
|  gene                       | 基因     |                            |  |  |
|  protein                    | 蛋白质    |                            |  |  |
|  donor                      | 供体     |                            |  |  |
|  reverse transcriptase      | 逆转录酶   |                            |  |  |
|  nucleotide                 | 核苷酸    |                            |  |  |
|  restriction endonuclease | 限制性内切酶 |                            |  |  |
|  ligase                   | 连接酶    |                            |  |  |
|  plasmid                  | 质粒     |                            |  |  |
|  cloning vector           | 载体     |                            |  |  |
|  polymerase               | 聚合酶    |                            |  |  |
|  promoter                 | 启动子    |                            |  |  |
|  marker gene              | 标记基因   |                            |  |  |
|  fluorescent              | 荧光     |                            |  |  |

| English                                                                                                     | 中文      | Write it 3 times (English) |
|-------------------------------------------------------------------------------------------------------------|---------|----------------------------|
|  gene editing              | 基因编辑    | _____                      |
|  genome                    | 基因组     | _____                      |
|  polymerase chain reaction | 聚合酶链式反应 | _____                      |
|  clone                     | 克隆      | _____                      |
|  amplify                   | 扩增      | _____                      |
|  gel electrophoresis       | 凝胶电泳    | _____                      |
|  fragment                  | 片段      | _____                      |
|  microarray                | 微阵列     | _____                      |
|  database                  | 数据库     | _____                      |
|  amino acid               | 氨基酸     | _____                      |
|  insulin                 | 胰岛素     | _____                      |
|  diabetes                | 糖尿病     | _____                      |
|  genetic screening       | 基因筛查    | _____                      |
|  breast cancer           | 乳腺癌     | _____                      |
|  Huntington's disease    | 亨廷顿病    | _____                      |
|  cystic fibrosis         | 囊性纤维化   | _____                      |
|  gene therapy            | 基因治疗    | _____                      |
|  ethical                 | 伦理      | _____                      |

| English                                                                                                        | 中文    | Write it 3 times (English) |       |       |
|----------------------------------------------------------------------------------------------------------------|-------|----------------------------|-------|-------|
|  genetically modified organism | 转基因生物 | _____                      | _____ | _____ |
|  salmon                        | 鲑鱼    | _____                      | _____ | _____ |
|  soybean                       | 大豆    | _____                      | _____ | _____ |
|  herbicide                     | 除草剂   | _____                      | _____ | _____ |
|  cotton                        | 棉花    | _____                      | _____ | _____ |
|  pest                          | 害虫    | _____                      | _____ | _____ |