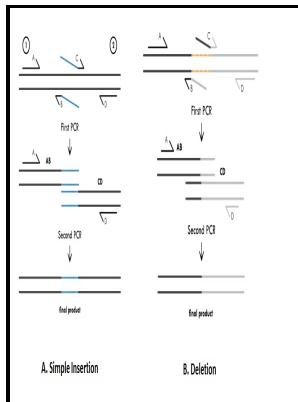


Directed mutagenesis - a practical approach

IRL Press - Technological advancements in industrial enzyme research



Description: -

- Site-specific mutagenesis. Directed mutagenesis - a practical approach

- The Practical approach series. Directed mutagenesis - a practical approach

Notes: Includes bibliographical references and index.

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Site

Collins PL, Hill MG, Camargo E, Grosfeld H, Chanock RM, Murphy BR. ANSWER: The site-directed mutagenesis procedure requires that you move the plasmids into cells after you have made the desired construct this can be done by transformation or electroporation.

PCR and directed mutagenesis

ANSWER: Ala would be an excellent choice because a it is a small nonpolar amino acid like cysteine and b because it tends to be less disruptive to protein structure than many other amino acid substitutions. Check eight colonies for function on soft agar plates, with the appropriate aerotaxis controls.

Challenges and Perspectives in Homology

An illustrious list of contributors includes many leaders in their respective fields as well as the pioneers of the techniques they describe.

Directed Mutagenesis: A Practical Approach : McPherson, M. J.: Amazon.sg: Books

Characterization of the small exported Plasmodium falciparum membrane protein SEMP1.

Efficient method for site

. Introducing mutations in the pCG-H and pCG-F took one day for the URMAC biochemical reactions and an additional 3 days to clone the Linear Modified DNA into the original plasmids. A very important consideration when doing this type of experiment is the efficiency of suppression -- if suppression is inefficient than failure to observe activity of the gene product could be simply due to insufficient amounts of the gene product, not necessarily a problem with the particular amino acid substitution.

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