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Title:	Common Methods Employed in Directed Evolution and Their Application in Modification of Lipases
Authors:	Sharma, Pushpender K. (/jspui/browse?type=author&value=Sharma%2C+Pushpender+K.)
Keywords:	Biocatalyst directed evolution error prone PCR
Issue Date:	2012
Citation:	Research Journal of Pharmaceutical, Biological and Chemical Sciences, 3 (3), pp. 183-191
Abstract:	Biocatalyst plays an important role in the catalysis of biochemical/chemical reactions. Unfortunately, the majority of natural occurring characteristic features essentially required during industrial processes e.g. thermostability/solvent stability/enantio-selectivity. Protein an important role in altering the natural properties of the enzymes i.e. protein thermostability, catalytic efficiency, tolerance towards stability in presence of organic solvents. Directed evolution has emerged as useful technique that can produce variants, prior the kn dimensional structures. This review article discusses most common methods that are employed in modification of industrially relevant several years so our lab is working in lipases, therefore we are discussing the application of directed evolution in altering the function
Description:	Only IISERM authors are available in the record.
URI:	<a href="http://www.researchgate.net/publication/235327359_Common_Methods_Employed_in_Directed_Evolution_and_Their_Application_i">http://www.researchgate.net/publication/235327359_Common_Methods_Employed_in_Directed_Evolution_and_Their_Application_i</a> ( <a href="http://www.researchgate.net/publication/235327359_Common_Methods_Employed_in_Directed_Evolution_and_Their_Application_i">http://www.researchgate.net/publication/235327359_Common_Methods_Employed_in_Directed_Evolution_and_Their_Application_i</a>
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