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Author	Rickard Linder	
Title (English)	Cloning, expression and characterization of a novel type of feruloyl esterase from <i>Fusarium oxysporum</i> in <i>Pichia pastoris</i>	
Title (Swedish)		
Abstract	<p>Lately, many articles concerning feruloyl esterases (FAEs) have been published, especially after the mapping of certain genomes. There is a growing interest in using these enzymes at a larger (industrial) scale, due to their broad range of potential. One of the areas where FAEs have been proved to be particularly valuable is within the production of bioethanol.</p> <p>An enzyme, possibly being a new feruloyl esterase from the fungus <i>Fusarium oxysporum</i> was successfully cloned and expressed in <i>Pichia pastoris</i>. This new enzyme has been demonstrated to show esterase activity. However to validate whether it really is a feruloyl esterase will require further investigations.</p>	
Keywords	Feruloyl esterase, <i>Fusarium oxysporum</i> , gene cloning, <i>Pichia pastoris</i> , expression	
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