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Author	<b>Magnus Johansson</b>	
Title (English)	<b>The proofreading mechanism of isoleucyl-tRNA synthetase</b>	
Title (Swedish)		
Abstract	<p>The molecular mechanism with which isoleucyl-tRNA synthetase edits misactivated valine was investigated. In an attempt to distinguish between two proposed models, rapid enzyme kinetics was studied <i>in vitro</i> by the use of quench-flow technique.</p>	
Keywords	Isoleucyl-tRNA synthetase, proofreading, aminoacylation, protein synthesis	
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