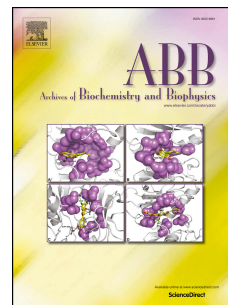


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A single amino acid residue regulates the substrate affinity and specificity of indoleamine 2,3-dioxygenase

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Research article**A single amino acid residue regulates the substrate affinity and specificity of indoleamine 2,3-dioxygenase.**Hajime J. Yuasa^{1,*}, Mayumi Sugiura² and Terue Harumoto²

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Running title: Molecular evolution of *Blepharisma* IDOs

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Abbreviations used are: 5-HTP, 5-hydroxy-L-tryptophan; IDO, indoleamine 2,3-dioxygenase; ML, maximum likelihood; SDR, substrate determining residue(s).

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