

马尾松GOT, LDH和MDH同工酶的遗传方式和连锁关系

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摘要 本文采用聚丙烯酰胺凝胶电泳研究了马尾松三种同工酶的遗传方式和连锁关系。结果表明, GOT 1. LDH和MDH三种同工酶的遗传表达稳定, 分别受4个、2个和4个位点控制。只有一对位点 (MDH-3和MDH-4)间存在着紧密的连锁关系。

关键词 [马尾松](#); [同工酶](#); [等位基因](#); [等位酶](#); [连锁](#)

分类号

Inheritance and Linkage of GOT, L.DH and MDH Isozymes in Masson Pine (Pinus massoniana Lamb.)

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Abstract

Inheritance patterns and linkage relationships for 10 loci of masson pine (Pinus massoniana Lamb.) from 3 enzyme systems were studied by polyacrylamide gel electrophoresis. LDH and MDH isozymes were controlled by 2 and 4 polymorphic loci respectively. GOT isozymes was under control of 2 polymorphic loci and 2 monomorphic loci. The significant linkage relationship was found for only one pair of loci: MDH-3 with MDH-4.

Key words [Pinus massoniana Lamb](#) [Isozymes](#); [Allelomorph](#) [Allozymes](#); [linkage](#)

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