

Agricultural Journals

Czech Journal of GENETICS AND PLANT BREEDING

home page about us contact

	US
Table of Contents	
IN PRESS	
CJGPB 2014	
CJGPB 2013	
CJGPB 2012	
CJGPB 2011	
CJGPB 2010	
CJGPB 2009	
CJGPB 2008	
CJGPB 2007	
CJGPB 2006	
CJGPB 2005	
CJGPB 2004	
CJGPB 2003	
CJGPB 2002	
CJGPB	
Home	

Editorial Board

For Authors

- Authors
 Declaration
- Instruction to Authors
- Guide for Authors
- Copyright
 Statement
- Submission

For Reviewers

- Guide for Reviewers
- Reviewers
 Login

Subscription

Czech J. Genet. Plant Breed.

Y.M., Zhang H.Y.: Genetic diversity among flue-cured tobacco cultivars on the basis of AFLP markers

Czech J. Genet. Plant Breed., 45 (2009): 155-159

AFLP analyses were used to assess the genetic similarity among selected accessions at the South China Tobacco **Breeding Research Centre (Yunnan** province, Southwest China). 154 AFLP polymorphic fragments out of 561 fragments were used to assess the genetic diversity among 28 tobacco accessions. The average number of polymorphic bands per AFLP primer pair was 15.4. AFLPs seemed to be an effective classification tools for germplasm conservation and breeding. Limited genetic variation was detected within this group of accessions. The relationship of cultivars was estimated by cluster analysis based on AFLP data.

Keywords:

AFLP analysis; flue-cured tobacco; genetic diversity; UPGMA

[fulltext]

© 2011 Czech Academy of Agricultural Sciences

XHTML11 VALID