

Fungal Genetics Stock Center
Cell Biology and Biophysics
School of Biological Sciences
5007 Rockhill Road
University of Missouri, Kansas City
Kansas City, MO 64110

A1180

Reprints or other data relating to this deposit will aid the Stock Center and recipients of the strain.

Accession
number

SPECIES Aspergillus niger_N402 MATING TYPE n.a.

GENOTYPE delta kusa

DESIGNATION OF MUTANT ALLELE(S) _____

LINKAGE GROUP(S) _____ STRAIN DESIGNATION IF WILD-TYPE _____

YOUR STOCK NUMBER FOR THIS CULTURE MA78.6#1

include stock no. from other collections

ORIGIN OF STOCK MA78.6#1 is a derivative of A. niger strain N402 _____

for example - obtained from, genetic background, from cross with; or if collected from nature, collection point, substrate and collector.

PUBLISHED REFERENCES _____

RECOMMENDED CATALOG LISTING _____

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics:

MA78.6#1 is a derivative of MA78.6. MA78.6 was made by transforming the kusA::AmdS deletion construct (Meyer et al. J. Biotechn. Volume 128, Issue 4, 10 March 2007, Pages 770-775) to A. niger strain N402. MA78.6 (kusA::AmdS) was grown on 5' Fluoro-acetamide plates to remove the AmdS marker which was used as a selection marker to delete the kusA gene. The kusA deletion construct contains a repeat of the 5'-flanking kusA region, allowing efficient loop out of the AmdS marker. The loop out event has been confirmed by Southern blot analysis. Proper deletion and of the kusA gene and removal of the AmdS marker in MA78.6#1 was confirmed by Southern blot analysis _____

COMMENTS (special growth requirements, aberrations, heterokaryon compatibility, special uses of strain, etc.)

(use back of page if necessary)

YOUR NAME: Arthur Ram DATE 25-09-07