

10878

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

PLEASE PROVIDE COMPLETE INFORMATION

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

Accession number

SPECIES Neurospora crassa MATING TYPE a
 GENOTYPE un-24^{PA} het-6^{OR}; smus-52::bart; in1 vib-1^{m137} a
 DESIGNATION OF MUTANT ALLELE(S) PA: Panama, OR: Oak Ridge, m137: mutation at aa. 137
 LINKAGE GROUP(S) II; III; V STRAIN DESIGNATION IF WILD-TYPE _____
 YOUR STOCK NUMBER FOR THIS CULTURE DLL-T2K(0)
 include stock no. from other collections

ORIGIN OF STOCK -cross C8c-164 x FGSC 9720
-transformation of RecunPA (Lafontaine and Smith, 2012)
-spontaneous mutation at amino acid #137 of vib-1
 for example - obtained from, genetic background, from cross with;
 or if collected from nature, collection point, substrate and collector.

PUBLISHED REFERENCES Lafontaine, DL and Smith, ML (2012) Diverse interactions mediate asymmetric incompatibility by the het-6 supergene complex in Neurospora crassa. Fungal Genetics and Biology 49(1):65-73.
 RECOMMENDED CATALOG LISTING _____

IF UNPUBLISHED, please indicate strain of origin, mutagen, worker, genetic background, important characteristics _____

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

Slow aberrant growth of this strain is the result of the partial suppression of vib-1 on the un-24^{PA} het-6^{OR} incompatibility interaction. Removal of vib-1^{m137} through crossing results (use back of page if necessary) in the generation of un-24^{PA} het-6^{OR} self-incompatible progeny.

YOUR NAME Denis Lafontaine and Myron L. Smith DATE June 13, 2012

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7/2004