

Aspergillus niger pedigree information for/on

A. niger FGSC Deposition sheets -->

FGSC# my sg No. Origin: Mutagenesis or segregants (or recombinants) from diploids

- A954 = **EK053** UV of N724 [EK036] = FGSC# A909 --> *choA101*
- A955 = **EK054** UV of N724 [EK036] = FGSC# A909 --> *cysA101*
- A956 = **EK163** UV of EK132 --> *thiB101*
EK132 = cspA1; fwnA1; choA101; pdxA2, from 2n (**006**)
2n (**006**) : EK028 / **EK053** = FGSC#A954 (above)
EK028 = cspA1; fwnA1; lysA7; leuA1; pdxA2 from 2n (**001**)
2n (**001**) : N409 = FGSC#A798 [EK017] / N690 = FGSC#A806 [EK019]
- A957 = **EK164** UV of EK132 from 2n (**006**) [see FGSC#A956 above]
- A958 = **EK211** X-ray of EK146 --> *sftC102*
EK146 = cspA1; fwnA1; leuA1; pdxA2, from 2n (**016**)
2n (**016**) : N694 = FGSC#A900 / EK028 from 2n (**001**) [see FGSC#A956]
- A959 = **EK217** DEO of EK133
EK133 = cspA1; (acrA1)* brnA2; choA101; pdxA2 from 2n (**006**) [see FGSC#A956]
- A960 = **EK189** from 2n (**042**) : N814 = FGSC#A920 [EK034] / EK133 (see preceding FGSC#A959)
- A961 = **EK196** from 2n (**037**) : EK171 / **EK164** = FGSC#A957 (see above)
EK171 cspA1; (acrA1)* brnA2; fpaD19; lysA14; metB11; oliC2, from 2n (**031**)
2n (**031**) : N784 [EK131] / EK138
N784 = new mutant (fpaD19) in cspA1; fwnA1; lysA14 (F. Debets, unpubl.)
EK138 = from 2n (**023**)
2n (**023**): N907 = FGSC#A942 [EK106] / EK112, from diploid (**002**)
EK112 = cspA1; (acrA1)* brnA2; choA101; nicA1; pdxA2; trpB2
2n (**002**): N837 = FGSC#A925 [EK040] / **EK053** = FGSC#A954 (above)
- A962 = **EK200** from 2n (**036**) : EK171 (see preceding FGSC#A961) / **EK163** = FGSC#A956 (above)
- A963 = **EK218** from 2n (**052**) : **EK210** = FGSC#A974 / EK175
EK175 from 2n (**031**) : N784 [EK131] / EK138 (see FGSC#A961 above)
- A964 = **EK134** from 2n (**008**) : N694 = FGSC#A900 [EK032] / **EK053** = FGSC#A954 above)
EK053 UV of N724 = FGSC#A909 --> *choA101*
- A965 = **EK140** from 2n (**016**) [see FGSC#A958, above]
- A966 = **EK141** from 2n (**016**) [see FGSC#A958]

(acrA1) indicates the likely presence of acrA1, closely linked to brnA2, but not confirmed by growth tests