

Title (en)

USE OF ASPERGILLUS SOJAE AS HOST FOR RECOMBINANT PROTEIN PRODUCTION

Title (de)

VERWENDUNG VON ASPERGILLUS SOJAE FÜR DIE HERSTELLUNG VON REKOMBINANTEN PROTEINEN

Title (fr)

UTILISATION D'ASPERGILLUS SOJAE COMME HOTE POUR LA PRODUCTION DE PROTEINES RECOMBINANTES

Publication

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Application

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Abstract (en)

[origin: WO0109352A2] A recombinant *Aspergillus sojae* comprising an introduced acetamidase S (*amdS*) gene as selectable marker is disclosed. An *Aspergillus sojae* exhibiting growth with medium comprising uracil and fluoro-orotic acid, said *Aspergillus sojae* further not exhibiting growth on medium comprising uridine and fluoro-orotic acid i.e. said *Aspergillus sojae* exhibiting uracil auxotrophy, said *Aspergillus sojae* being unable to utilize uridine, said *Aspergillus sojae* being pyrG negative, said *Aspergillus sojae* exhibiting resistance to fluoro-orotic acid, said uracil auxotrophy and said fluoro-orotic acid resistance being relievable upon complementation with an active introduced *pyrG* gene, is described. The *Aspergillus sojae* further comprises a nucleic acid sequence encoding a phytase or a protein having phytase activity or any other heterologous protein or polypeptide and can be used for the biotechnological production of said phytase or said other heterologous proteins or polypeptides. Additional mutants exhibiting amended morphology are also disclosed. Methods of producing such expression hosts are described.

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