



Corn seed

97624™

Description

Organism: *Zea mays* Linnaeus, Corn

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Patent number:

5,589,618

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Storage Conditions

Product format: Dried

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Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Notes

Mutant corn seed

Produces seed with a 15% weight increase over wild-type seed, but without a corresponding increase in starch

The Sh2-m1Rev6 variant encodes an ADP-glucose pyrophosphorylase enzyme subunit that has the arginine:threonine amino acid pair inserted between the tyrosine and isoleucine at amino acid residues 503 and 504, respectively, of the native protein.

Corn seed containing serine and tyrosine in a position of the large subunit of the endosperm enzyme, adenosine diphosphate glucose pyrophosphorylase encoded by the gene *shrunken2*

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Corn seed (ATCC 97624)

References

References and other information relating to this material are available at www.atcc.org.

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