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Remarks:
•The complete document including Reference Tables and the Sequence Listing can be downloaded from the EPO website
•This application was filed on 28-10-2013 as a divisional application to the application mentioned under INID code 62.

(54) **Regulators involved in mushroom formation**

(57) The invention relates to a fungus or a mushroom and to a method of producing it wherein the fungus/mushroom has an increased expression level of a polypeptide and/or has a decreased expression level of a polypeptide, wherein the polypeptide comprises an amino acid sequence that has at least 40% amino acid identity or similarity with a sequence selected from SEQ ID NO: 1-200 and/or that has at least 50% amino acid identity or similarity with a sequence selected from SEQ ID NO: 201-208.

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