

ABSTRACT OF THE DISCLOSURE

The object of the invention is to provide a method for developing a novel species by means of interspecific crossbreeding among *P. eryngii* (DC.:Fr.) Quel., *P. eryngii* (DC.:Fr.) Quel. var. *elaeoselini*, *P. eryngii* (DC.:Fr.) Quel. var. *tuoliensis* C.J. Mou and *P. nebrodensis* (DC.:Fr.) Quel., which are not native in Japan, and *P. ostreatus* (Jacq.: Fr.) Kummer, which is native in Japan and the novel species obtained by the method and is also to provide a novel species of *Pleurotus* spp. carrying both a *P. eryngii* (DC.:Fr.) Quel. gene and a *P. ostreatus* (Jacq.: Fr.) Kummer gene by crossbreeding *P. ostreatus* (Jacq.: Fr.) Kummer with *P. eryngii* (DC.:Fr.) Quel. var. *tuoliensis* C.J. Mou, *P. nebrodensis* (DC.:Fr.) Quel. or *P. eryngii* (DC.:Fr.) Quel. var. *ferulae* Lanzi, thereby obtaining a strain capable of further crossbreeding with *P. eryngii* (DC.:Fr.) Quel., *P. eryngii* (DC.:Fr.) Quel. var. *elaeoselini* or the like.