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Yeast Diversity of Wild Flowers in Islands, Jejudo, Ulleungdo and Yokjido of Korea

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We isolated various yeasts from wild flowers in main islands, Jejudo, Ulleungdo and Yokjido of Korea and their yeasts were identified by comparison of their PCR-amplified D1/D2 regions of 26S rDNA using the BLAST database. Thirty two yeast strains of fourteen species were isolated from wild flowers of Jejudo. Forty eight yeast strains of twenty two species were isolated and identified from wild flowers of Ulleungdo, Korea. Sixty yeast strains belonged to twenty five species were isolated identified from wild flowers of Yokjido in Tongyeong, Korea. Only *Metschnikowia reukaufii* was overlapped from the three different islands areas. Two species overlapped from Jejudo and Ulleungdo: *Pichia guilliermondii*, *Metschnikowia reukaufii*. Seven species were overlapped from Ulleungdo and Yokjido: *Cryptococcus albidus*, *Cryptococcus laurentii*, *Metschnikowia reukafii*, *Pichia scolyti*, *Rhodotorula glutinis*, *Rhodotorula graminis* and *Rhodotorula mucilaginosa*. Four species were overlapped from Jejudo and Yokjido: *Candida* sp. *Cryptococcus aureus*, *Metschnikowia reukafii* and *Pseudozyma* sp.