



**Supplementary Figure 1.** Representative endophytic bacterial colonies isolated from the leaves of rice plants on various types of media. A = YEMA medium, B = Pikovskaya medium, C = NA medium

**Supplementary Table 1.** Colony morphology of endophytic bacteria from rice plant

Isolate code	Shape	Color	Texture	Elevation	Margin
Y <sub>ER</sub> OI-1	Round	White	Slimy, Moist	Convex	Entire
Y <sub>EL</sub> OI-1	Round	White	Slimy, Moist	Convex	Entire
Y <sub>ER</sub> CI-1	Round	White	Slimy, Moist	Convex	Entire
Y <sub>EL</sub> CI-1	Round	White	Slimy, Moist	Convex	Entire
N <sub>ER</sub> OI-1	Irregular	White	Slimy, Moist	Flat	Wavy
N <sub>ER</sub> OI-2	Irregular	White	Slimy, Moist	Flat	Serrated
N <sub>ER</sub> OI-3	Round	Yellow	Slimy, Moist	Convex	
N <sub>ER</sub> OI-4	Irregular	White	Slimy, Moist	Flat	Filamentous
N <sub>EL</sub> OI-1	Irregular	White	Slimy, Moist	Flat	Wavy
N <sub>EL</sub> OI-2	Round	White	Slimy, Moist	Convex	Entire
N <sub>EL</sub> OI-3	Round	Yellow	Slimy, Moist	Convex	Entire
N <sub>EL</sub> OI-4	Irregular	White	Slimy, Moist	Flat	Filamentous
N <sub>ER</sub> CI-1	Irregular	White	Slimy, Moist	Flat	Wavy
N <sub>ER</sub> CI-2	Round	Yellow	Slimy, Moist	Convex	Entire
N <sub>ER</sub> CI-3	Round	White	Slimy, Moist	Convex	Entire
N <sub>EL</sub> CI-1	Round	White	Slimy, Moist	Convex	Entire
N <sub>EL</sub> CI-2	Round	Yellow	Slimy, Moist	Convex	Entire
P <sub>ER</sub> OI-1	Round	White	Slimy, Moist	Flat	Entire
P <sub>ER</sub> OI-2	Irregular	White	Slimy, Moist	Flat	Wavy
P <sub>ER</sub> OI-3	Round	White	Slimy, Moist	Convex	Entire
P <sub>ER</sub> OI-4	Irregular	White	Slimy, Moist	Flat	Filamentous
P <sub>EL</sub> OI-1	Round	Yellow	Slimy, Moist	Convex	Entire
P <sub>EL</sub> OI-2	Round	Pink	Slimy, Moist	Flat	Entire
P <sub>EL</sub> OI-3	Irregular	Yellow	Slimy, Moist	Flat	Serrated
P <sub>EL</sub> OI-4	Irregular	White	Slimy, Moist	Flat	Wavy
P <sub>ER</sub> CI-1	Round	Yellow	Slimy, Moist	Flat	Entire
P <sub>EL</sub> CI-1	Irregular	Yellow	Slimy, Moist	Convex	Filamentous
P <sub>EL</sub> CI-2	Round	White	Slimy, Moist	Flat	Entire

Remarks: Y = YEMA medium, N = NA medium, P = Pikovskaya medium, ER = Endophytic bacteria from roots of rice plant, EL = Endophytic bacteria from leaves of rice plant, OI = Organic paddy field, CI = Conventional paddy field.