

Singapore Stanford Partnership Programme

MS Project MS08-20

Molecular Characterization of Isolate from Tert-butyl alcohol (TBA) Aerobic Granular Sludge Biomass

Maszenan Bin Abdul Majid

Strain TBA-001 was isolated from aerobic granular sludge biomass which possess maximum specific TBA biodegradation rate of 16.8 mg/ TBA VSS.h. The aim of this project is to classify the isolate by sequencing the 16 rRNA gene, and by phenotypic characterization.