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Expression of Chitinase from Antifungal Bacteria  
*Bacillus subtilis* TBM 1652-1

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We detected to degradation of chitin on the cultural medium for the strain isolated from the Tae-Baek mountain. This strain identified as *Bacillus subtilis* TBM 1652-1 by 16S rDNA nucleotide sequence analysis and API Kit System. Oligonucleotide was designed by according to very conserved bacterial 16S rDNA sequence region. The chitinase activity was detected by agar diffusion test contained 0.1% colloidal chitin(37°C, 5days) or 0.01% glycol chitin(37°C, 2days) as the substrate. *Bacillus subtilis* TBM 1652-1 produced chitinase when cell were grown in LB broth supplemented with diversified chitin(ex. colloidal chitin, glycol chitin). This strain has inhibited growth of hypha plant pathogenic fungi. The molecular weight was deduced 66,000 dalton by SDS-PAGE & Zymogram analysis.