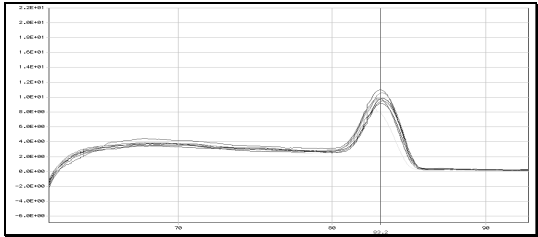


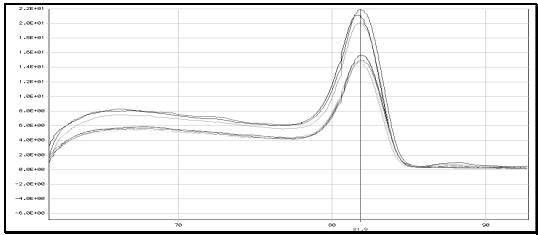
Supplementary 2. Validation analysis of real-time PCR

A

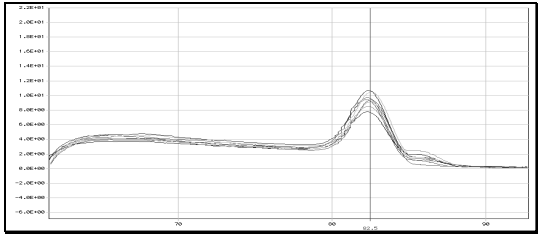
1. *GAPDH*



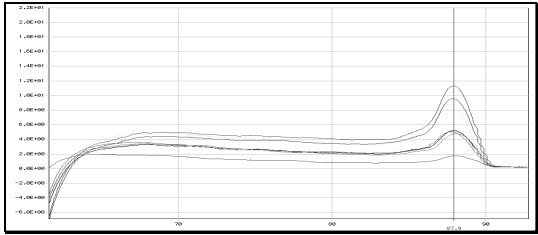
2. *LIP1*



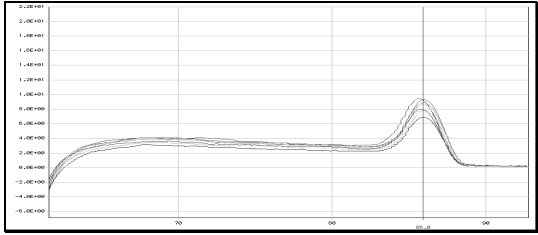
3. *LIP2*



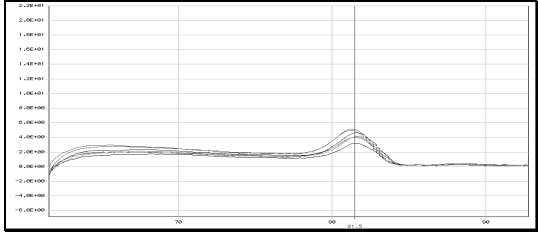
4. *LIP3*



5. *LIP4*

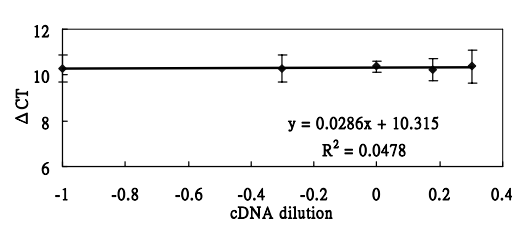


6. *LIP5*

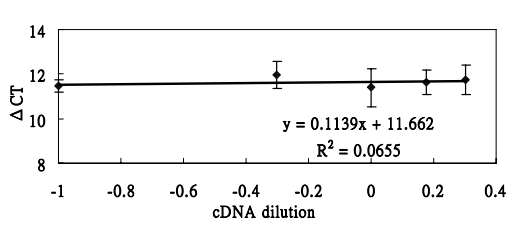


B

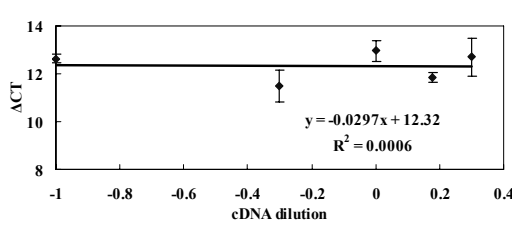
2. *LIP1*



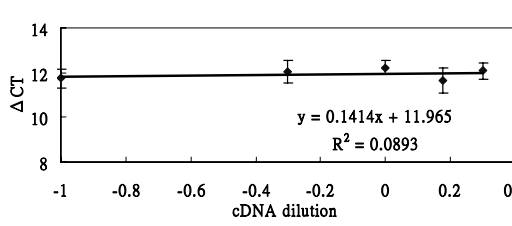
3. *LIP2*



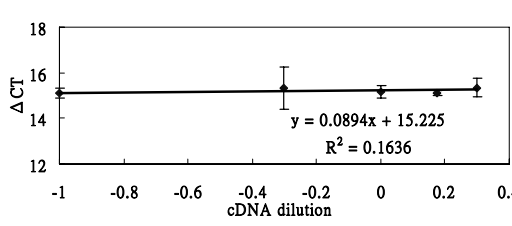
4. *LIP3*



5. *LIP4*



6. *LIP5*



**Supplementary 2: Validation analysis of real-time PCR.** Validation analysis of real-time PCR of *GAPDH* (1) and five *C. Rugosa* lipases (2 to 6). **A.** Melting curve analysis. The SYBR Green dye only detected the specific PCR product resulting in a single peak. **B.** Validation of *LIP* and *GAPDH* amplification by real-time PCR. The efficiency of amplification of *LIP* and *GAPDH* were examined by amplifying cDNA synthesized from different amounts of RNA. The  $\Delta C_T$  ( $C_{T, LIP} - C_{T, GAPDH}$ ) was calculated for each concentration of cDNA that was amplified.