



Supplementary Fig. 4. Size alteration after chitinase treatment. Chitinase was added to HDM derived chitin and incubated for 1 hour in 37°C. The reaction was done in 1 mL of filtered PBS, and stopped by heating step (100°C, 10 minutes). After enzyme digestion, 2 L of distilled water was added for size analysis. Particle size was evaluated by Mastersizer 2000 (Malvern, Worcestershire, UK).