

# Supplementary Material

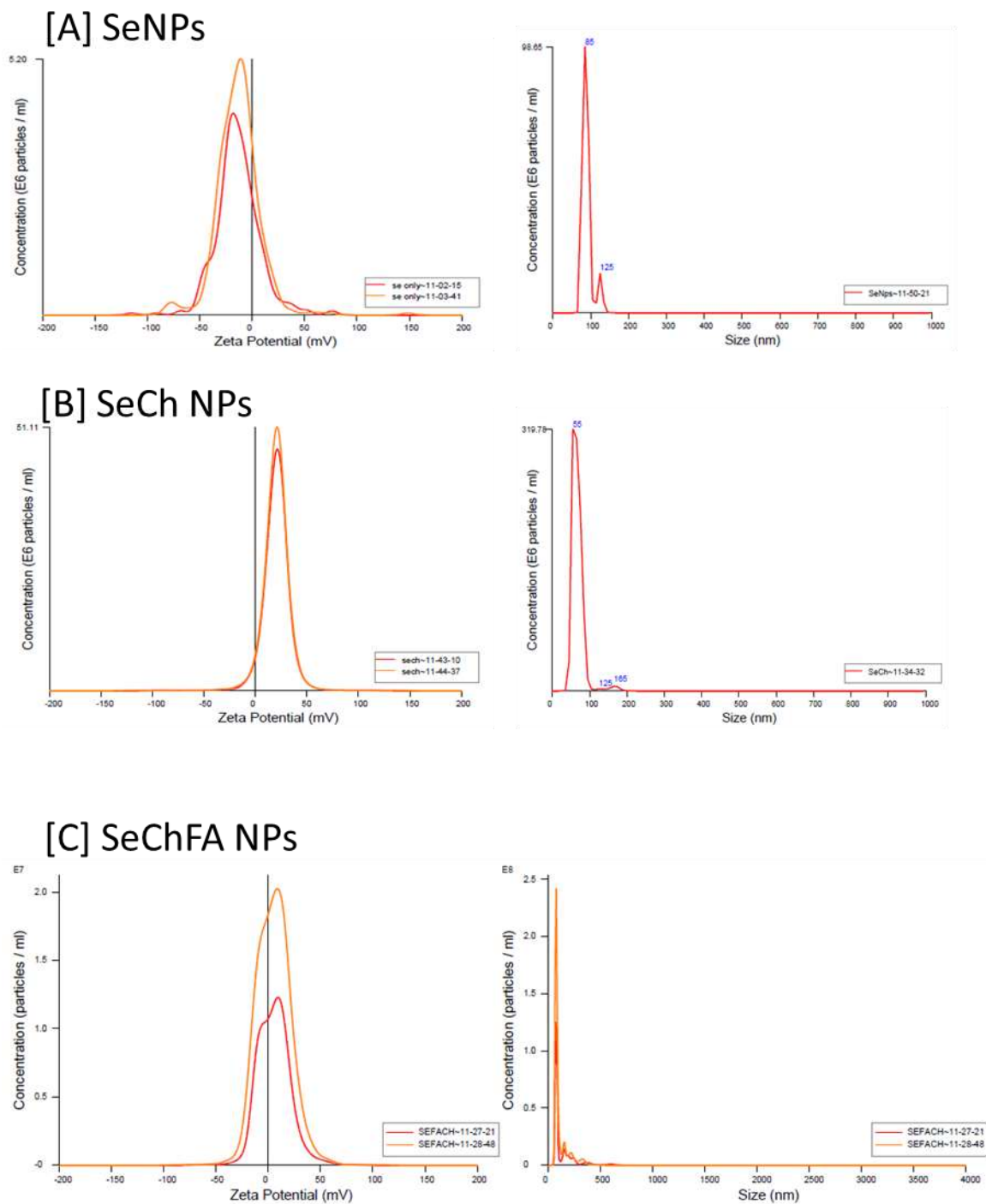


Figure S1. NTA profiles of (A) SeNPs, (B) SeCh NPs and (C) SeChFA NPs.

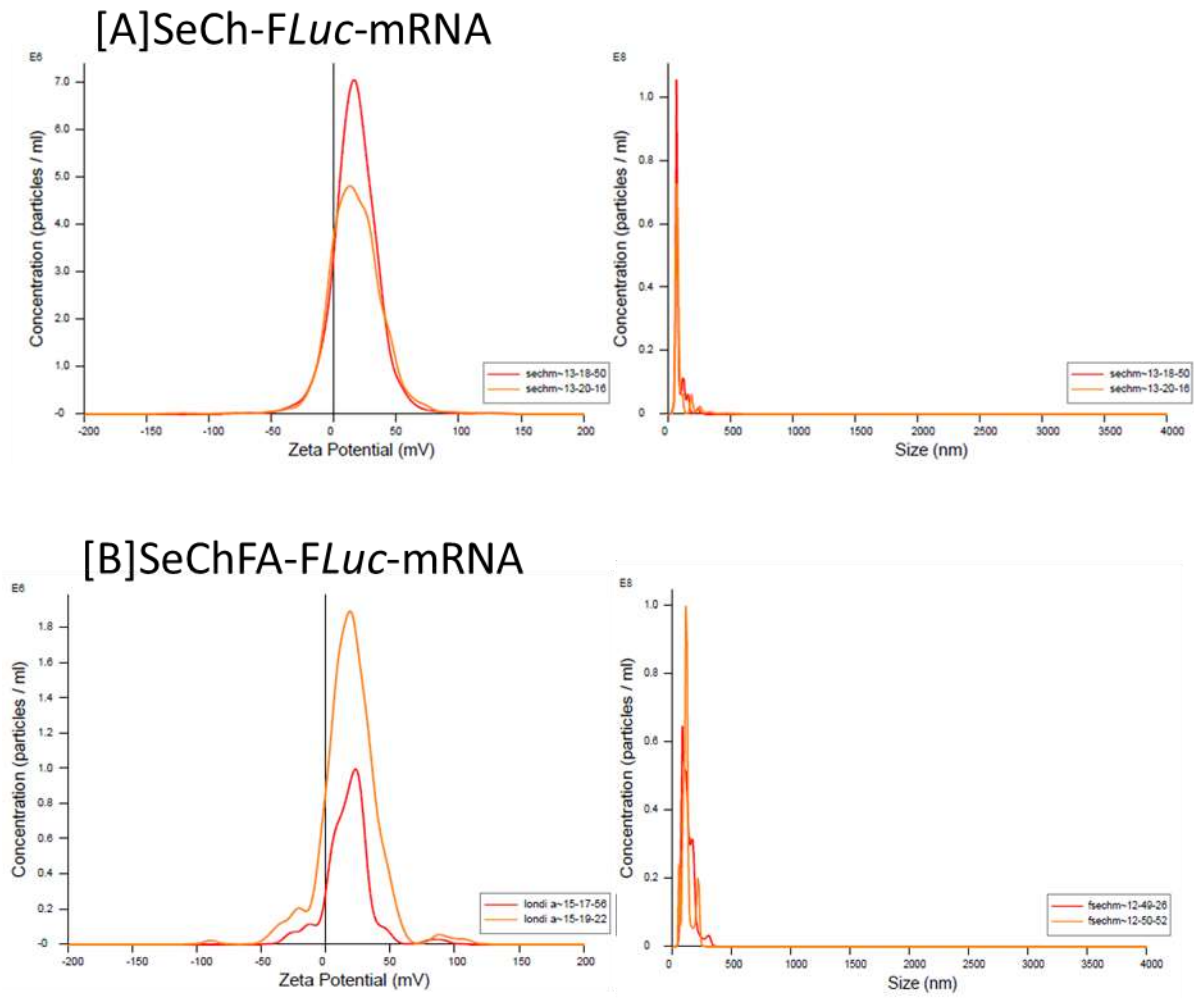


Figure S2. NTA profiles of (A) SeCh and (B) SeChFA: *FLuc*-mRNA nanocomplexes.

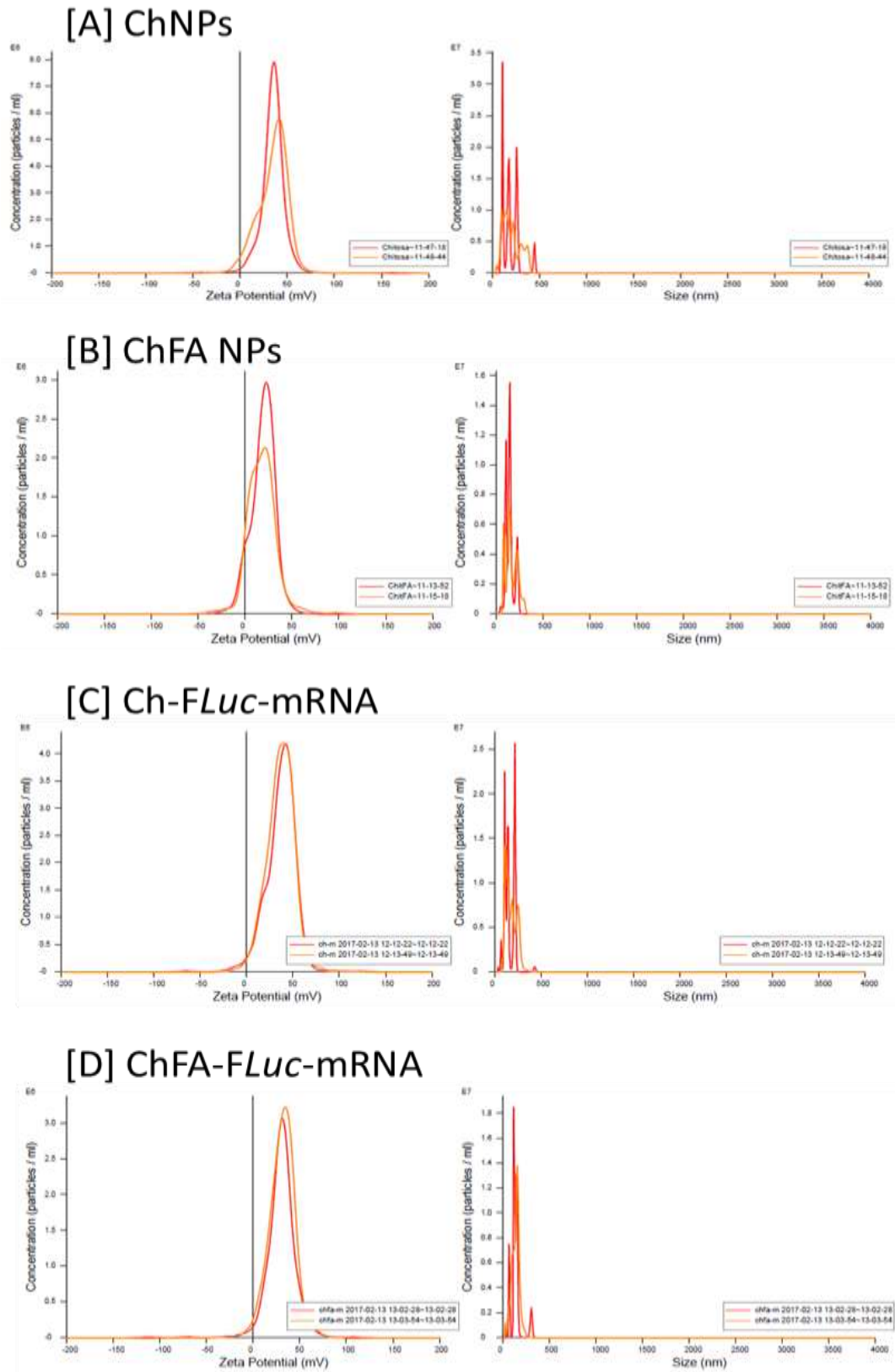


Figure S3. NTA profiles of (A) Ch, (B) ChFA, (C) Ch: *FLuc*-mRNA and (D) ChFA: *FLuc*-mRNA.

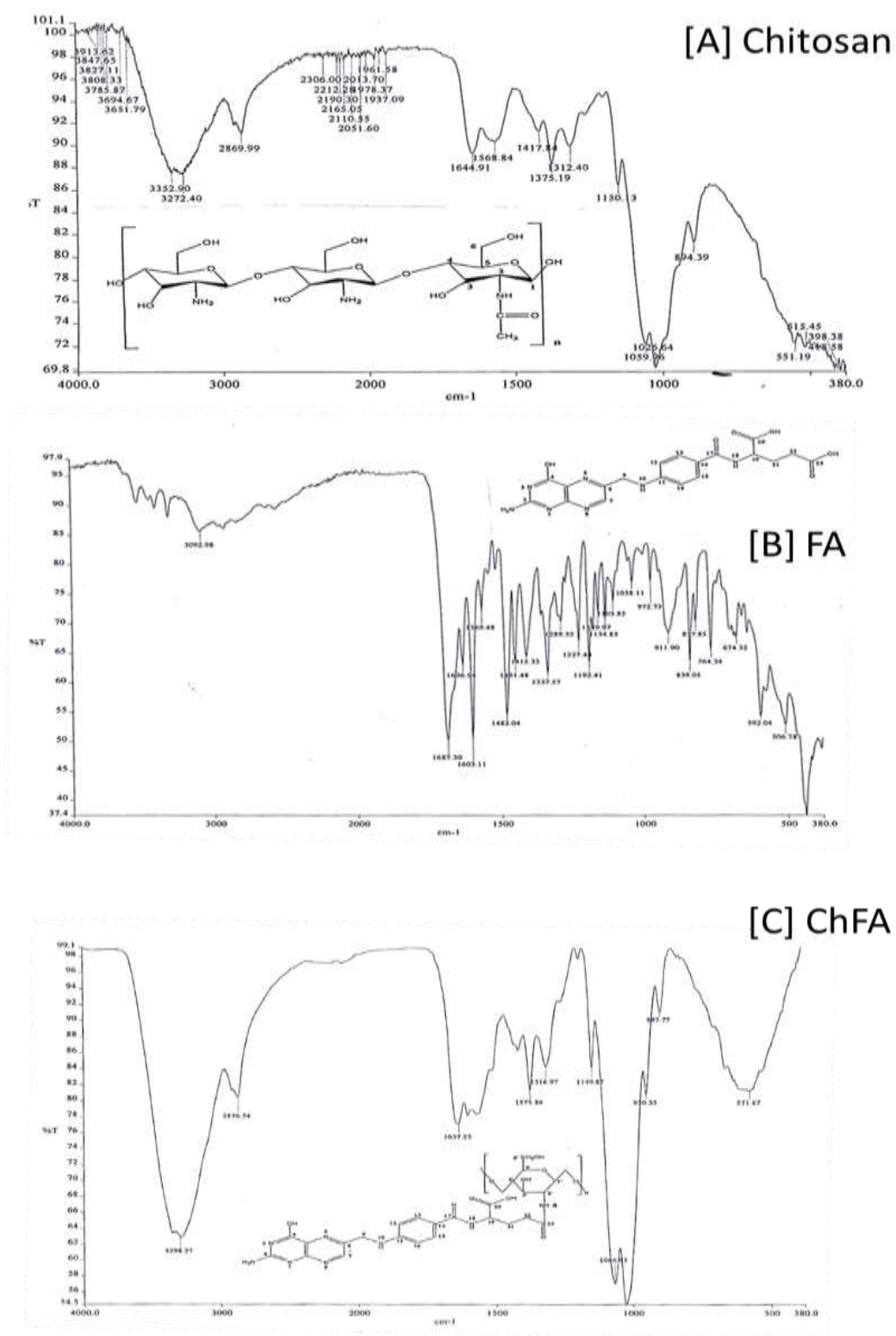


Figure S4: FTIR of (A) Chitosan, (B) Folic acid and (C) Chitosan-Folic acid.

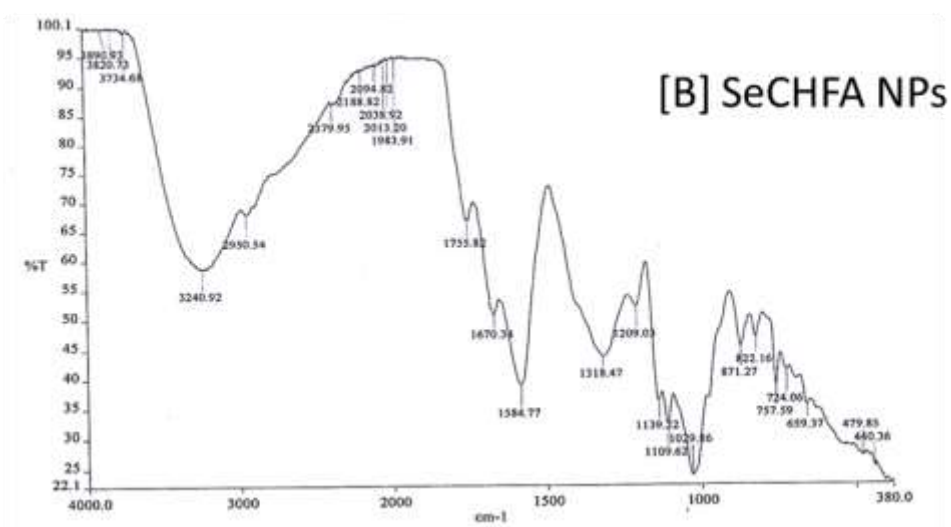
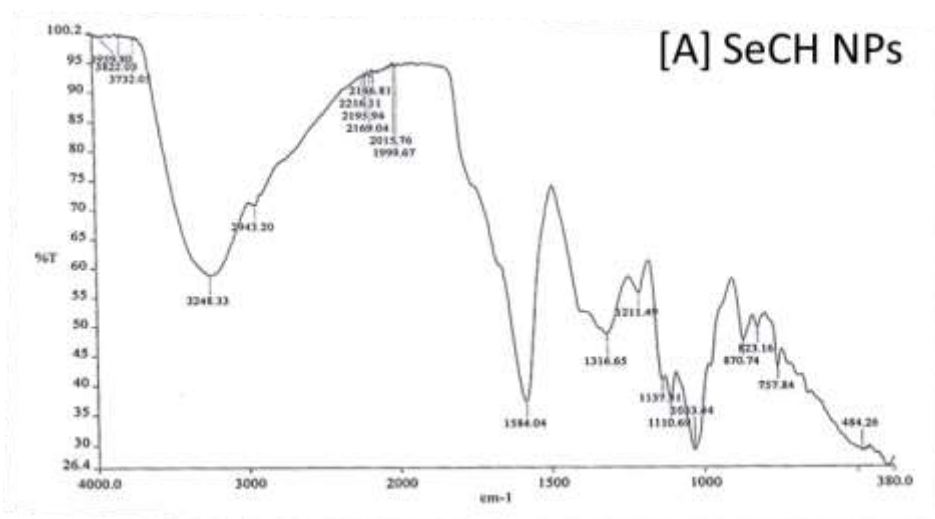


Figure S5: FTIR of (A) SeCh NPs and (B) SeChFA NPs.