Rational design of cascaded DNA circuit for nanoparticle assembly and its application in discrimination of single-base changes

Bin Zheng, *a Huaze Dong a , Jinmiao Zhu a , Qi Zhang a , Shiwei Yang a and Dongbao Yao *b

- a. School of Chemistry and Chemical Engineering, Hefei Normal University, Hefei, Anhui 230061, P.R. China. E-mail: zhengbin@hfnu.edu.cn; Tel:+86-551-63758370
- b. Department of Polymer Science and Engineering, University of Science and Technology of China, Hefei, Anhui 230026, P. R. China. E-mail: dbyao@ustc.edu.cn

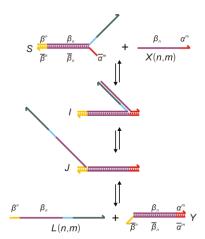


Fig. 15 The detailed illustration of the formation process as correct Catassembler is introduced.