Shape Evolution of Au Nanoring@Ag Core-Shell Nanostructures: Diversity from a Sole Seed

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Figure S1. TEM images of as-prepared AgTNPs.



Figure S2. TEM images (large scale) of small and thick AuNR@AgTNPs (A) obtained by injecting AA into seed solution in the presence of AgNO₃, and big and thin AuNR@AgTNPs (B) obtained by injecting AgNO₃ into seed solution in the presence of AA.



Figure S3. Schematic illustration of the detailed regrowth processes, and the corresponding TEM images for the AuNR@AgTNP core-shell nanostructures by injecting AA into the TSC/PVP-contained solution (A, B).



Figure S4. TEM of eccentric nanoplates obtained by injecting AA into the TSC-contained regrowth solution without PVP.



Figure S5. HRTEM of AuNR@Ag nanocube and the corresponding FFT pattern (inset).



Figure S6. HRTEM images and FFT insets of AuNR@Ag eccentric core-shell nanoplate by injecting AgNO₃ into the TSC-contained solution without PVP (A) and AuNR@Ag nanocubeby injecting AgNO₃ into the PVP-contained solution without TSC (B).