Supporting Information

Fig. S1 $^1$H NMR of copolymer

Fig. S2 FT-IR spectra of (1) 7a; (2) 7b; (3) 8a; (4) 8b; (5) the neat chiral salen Mn(III)Cl

FT-IR spectra of 8b
Fig. S3 UV-vis spectra of (1) 7a; (2) 7b; (3) 8a; (4) 8b; (5) chiral salen Mn(III)Cl.

Fig. S4 TG curves of ZnPS-PVPA(A) and 7b (B)

Fig. S5 XRD of 1, 2 and 7a

Fig. S6 The modes of the organic group anchored (a) Inner type; (b) Outer type.
Fig. S7 The hypothesized layered structure of ZnPS-PVPA.

Fig. S8 SEM images of (1) ZnPS-PVPA and (2) 7 b.

Fig. S9 TEM photograph of (A) ZnPS-PVPA and (B) the heterogeneous catalyst 7 b.
Fig. S10 Large-scale asymmetric epoxidation reaction of α-methylstyrene (100 times as much as the experimental scale)