Supplementary Information

Stereocomplexation of cyclic polylactides with each other and with linear poly(L-lactide)s

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Figure S1 MALDI TOF mass spectra of CIII-L, CIII-D and CIV-L
**Figure S2** WAXS curves of: (A) CI-D+CI-L and (B) CIII-D+CIV-L

**Figure S3** SAXS curve of CI-D+LI-Ac
Figure S4  $^{13}$C NMR CO signal of the Cl-D+ClI-L and ClII-D+ClIII-L stereocomplexes annealed at 160°C/1d or 205°C/1h. The signal is identical for all four samples.

Figure S5  $^{13}$C NMR CO signal of the L-/meso-lactide (1:1) copolymer prepared at 120°C by initiation with ethanol (200/1) and catalyzed with SnOct$_2$ (1000/1)
Figure S6  TGA curve of CI-D + CI-L

5% loss at 222°C
10% loss at 235°C

Figure S7  TGA curve of CI-D + CIV-L

5% loss at 241°C
10% loss at 247°C

Figure S8  TGA curve of CIV-L

5% loss at 262 °C
10% loss at 266°C