Electronic Supplementary Information for

Three-dimensional orientation of Poly(Llactide) crystals under uniaxial drawing

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Fig. S1 Heating DSC traces of cold-crystallized PLLA at different temperatures. Obtained volume crystalline fractions are shown. No endothermic overshoot at T_g is achieved because DSC measurements were performed immediately after the heating treatment.



Fig. S2 Obtained pole figures (110)/(200) for volume crystalline fractions ranging from 11.7% to 55.5% (depending on the applied stretching ratio). Crystal volume fractions are shown above each Pole figure. The same trend is observed for all the specimens, denoting the high reproducibility of obtained pole figures.



Fig. S3 Model depicting the relative position of analyzed sections by field emission scanning electron microscope (FE-SEM) for Figure 6. Note that observation plane matches with ND/TD plane when referring to stretched specimens.



Fig. S4 Model depicting the relative position of analyzed sections by field emission scanning electron microscope (FE-SEM) for Figure 7. Note that observation plane matches with MD/ND plane when referring to stretched specimens.