

Supporting Information

Determination of Phase Behaviour in All Protein Blend Materials with Multivariate FTIR Imaging Technique

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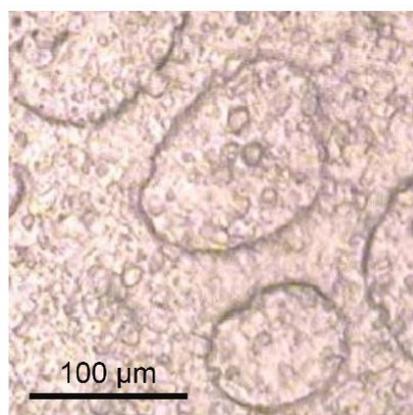


Fig. S1 Optical micrograph image of SF/SPI blend film.

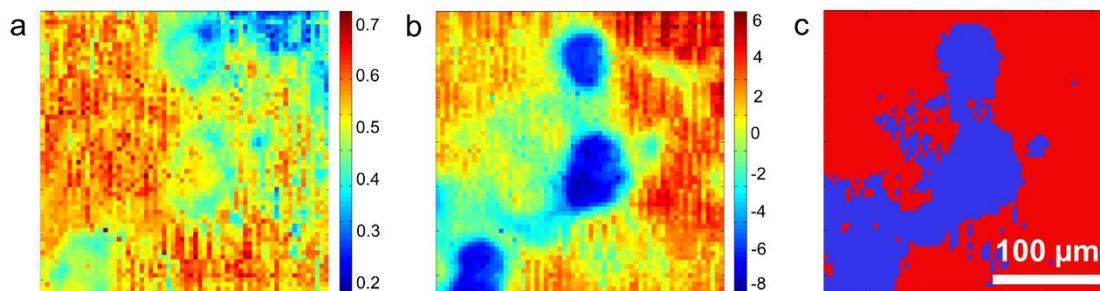


Fig. S2 FTIR images of *Antheraea pernyi* silk fibroin/collagen blend film. (a) $A_{\text{amide III}}/A_{\text{amide II}}$ image; (b) PCA image; (c) clustering analysis image. Mass ratio of *A. pernyi* silk fibroin/collagen = 20/80. The blue colour represents silk fibroin-rich region and the red colour represents collagen-rich region.