## **Time-lapse Raman imaging of osteoblast differentiation**

Supplementary Information

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## **Figure Legends**

**Figure S1.** Noise reduction of Raman spectra by SVD calculation. (A) Raw and processed data of Raman spectra obtained from KUSA-A1. (B) Plots of the first ten basis vectors resulting from SVD calculation. The blue-letter values indicate contribution factor of the basis vectors.