Supplementary Information

High-Throughput Surface Plasmon Resonance Imaging-based Biomolecular Kinetic Screening Analysis

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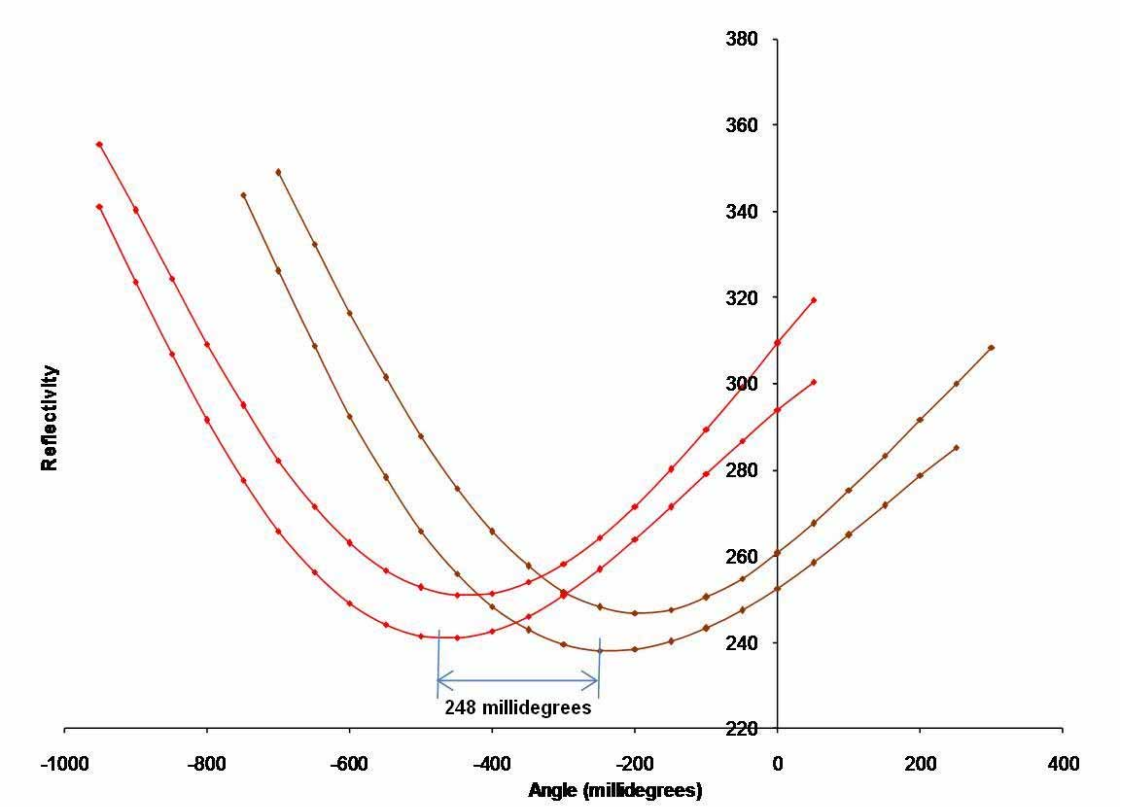

Figure 1s. SPR dip obtained directly from the iSPR instrument which represents the variation of duplex spots that were spotted on the surface (BSA spots). The SPR minimum was obtained from this plot by the iSPR software and is used for the SPR angle shift calculation as explained in this paper. Inhomogeneities resulting in different depths of the SPR curve can be observed sometimes in duplicate spots which can be clearly seen in biomolecular interaction sensorgrams during the experiment. The red curves indicate the duplex blank measurements but showing different reflectivity minima and dip positions while the brown curves (right) show the shifted SPR dip reflectivity curves of the highest density BSA Spots.