

Description of Additional Supplementary Files

File name: Supplementary Movie 1

Description: HS-AFM movie of disintegration and regeneration of TIR_{MyD88} rings.

Related to Fig. 5.

Scan area: $60 \times 60 \text{ nm}^2$ with 120×120 pixels. Scan speed: 600 ms per image.

File name: Supplementary Movie 2

Description: Structural comparison of TIR_{MyD88} in monomeric and oligomeric states.

Related to Fig. 7d, Supplementary Fig. 5a and 5b. The spheres represent C α atoms of amino acid residues that are frequently mutated in aggressive B-cell lymphoma.

File name: Supplementary Movie 3

Description: HS-AFM movie of GST-TIR_{TLR2} binding to TIR_{MyD88} rings. Related to Fig. 6.

Scan area: $200 \times 200 \text{ nm}^2$ with 120×120 pixels. Scan speed: 500 ms per image.