A. The diagram illustrates the structure of HER2 scFv:chA21, a chimeric antibody fragment. The HER2 scFv:chA21 is divided into two domains: the Antigen binding domain and the Signaling domain. The Antigen binding domain ranges from position 1 to 768 bp, while the Signaling domain ranges from position 135 to 768 bp. The Signaling domain includes the Hinge, CD28, CD28 ICD, and CD3z regions.

B. Gel electrophoresis images showing lanes M, 1, and 2 with DNA markers and samples.

C. Gel electrophoresis images showing lanes M, 1, 2, 3, 4, 5, 6, and 7 with DNA samples.

D. Gel electrophoresis images showing lanes M, 1, 2, and 3 with DNA samples.