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Model file name: 1lmb-DNAlong_fordimer-test6b.stl

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This is a teaching model of the 19-bp segment of DNA to which Lambda repressor transcription factor interacts (PDB: [1lmb](#)). It is in a stick representation and has been designed with sites to add magnets to illustrate binding interactions with the transcription factor. Sphere magnets with a 1/8" diameter can be purchased separately from [K&J Magnets](#). The model can interact with the [dimer form](#) of the transcription factor. This model is designed to accompany a teaching module illustrating transcription factor-DNA binding. The printable model is already uploaded to [Shapeways.com](#) in the [MacroMolecules](#) shop under the name "[Long DNA - magnets for dimer](#)". This model has been printed successfully using these parameters on Shapeways' laser sintering printer in the Strong & Flexible Plastic material.

