Description of Additional Supplementary Files

File Name: Supplementary Movie 1
Description: Assembly of the aligned chain using LEGO bricks and plastic shims.

File Name: Supplementary Movie 2
Description: Excitation of elastic vector solitons in our system using a pendulum and an impactor.

File Name: Supplementary Movie 3
Description: Propagation of elastic vector solitons in the aligned chain.

File Name: Supplementary Movie 4
Description: Assembly of the shifted chain using LEGO bricks and plastic shims.

File Name: Supplementary Data 1
Description: Instruction to run the MATLAB code.

File Name: Supplementary Data 2
Description: Main MATLAB file to be run to simulate the dynamic response of an aligned chain.

File Name: Supplementary Data 3
Description: MATLAB function that provides the boundary conditions.

File Name: Supplementary Data 4
Description: MATLAB function that provides the ODEs to be solved.