Just Six Pieces

Designed and made by Diniar Namdarian, 2016; sleeve made by J. A. Storer.
(laser cut plastic, 5.5" high by 4.25" wide x 3/8" thick)

Exchange 4-5-6 with 1-2-3. A 41 rectilinear moves (73 straight line moves) solution is possible, and the puzzle directions show a 41 moves solution, every 3rd of which is shown here:

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