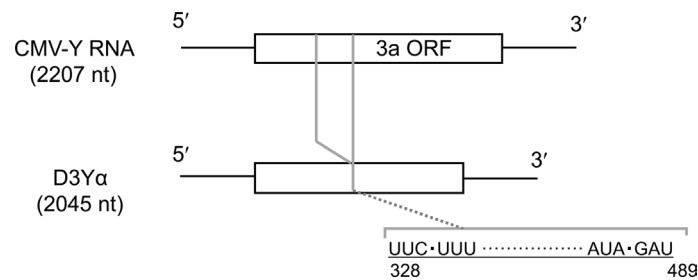




Supplementary Fig. 1. Schematic representation of CMV-Y RNA2 (wild type, A1, or H1). CMV-Y, strain Y of cucumber mosaic virus. Modified Fig. 1 in Takeshita et al. (2012), according to Creative Common license.



Supplementary Fig. 2. Comparison of the deletion site in CMV-Y RNA3 and CMV-Y D RNA3 (D3Y α). CMV-Y, strain Y of cucumber mosaic virus.

RNA3	1: MAFQGTSRSLTQSSAATSDDLQKILFSPEAIKKMATECDLGRHHWMRAD	50
D3Y α	1: MAFQGTSRSLTQSSAATSDDLQKILFSPEAIKKMATECDLGRHHWMRAD	50
RNA3	51: NAISVRPLVPEVTHGRIASFFKSGYDVGELCSKGYMSVPQVLCVTRTVS	100
D3Y α	51: NAISVRPLVPEVTHGRIAS-----	69
RNA3	101: TDAEGSLRIYLADLGDKELSPIDGQCVSLHNHDLPALVSFQPTYDCPMET	150
D3Y α	70: -----GQCVSLHNHDLPALVSFQPTYDCPMET	96
RNA3	151: VGNRKRCFAVIERHGYIGYTGTASVCSNWQARFSSKNNNYTHIAAGKT	200
D3Y α	97: VGNRKRCFAVIERHGYIGYTGTASVCCNWQARFSSKNNNYTHIAAGKT	147
RNA3	201: LVLPFNRLAEQTKPSAVARLLKSQLNNIESSQYLLTNAKINQNARSESEEL	250
D3Y α	148: LVLPFNRLAEQTKPSAVARLLKSQLNNIESSQYLLTNAKINQNARSESEEL	198
RNA3	251: NVESPPAAIGSSSASRSEAFRPQVVNGL	279
D3Y α	199: NVESPPAAIGSSSASRSEAFRPQVVNGL	225

Supplementary Fig. 3. Comparison of the amino acid sequence of the 3a proteins between CMV-Y RNA3 and D RNA3 α (D3Y α). CMV-Y, strain Y of cucumber mosaic virus.

Reference

Takeshita, M., Koizumi, E., Noguchi, M., Sueda, K., Shimura, H., Ishikawa, N., Matsuura, H., Ohshima, K., Natsuaki, T., Kuwata, S., Furuya, N., Tsuchiya, K. and Masuta, C. 2012. Infection dynamics in viral spread and interference under the synergism between *Cucumber mosaic virus* and *Turnip mosaic virus*. *Mol. Plant-Microbe Interact.* 25:18-27.