

Figure S1. Color-coded pairwise identity matrix of the full-length PVY nucleotide sequences.

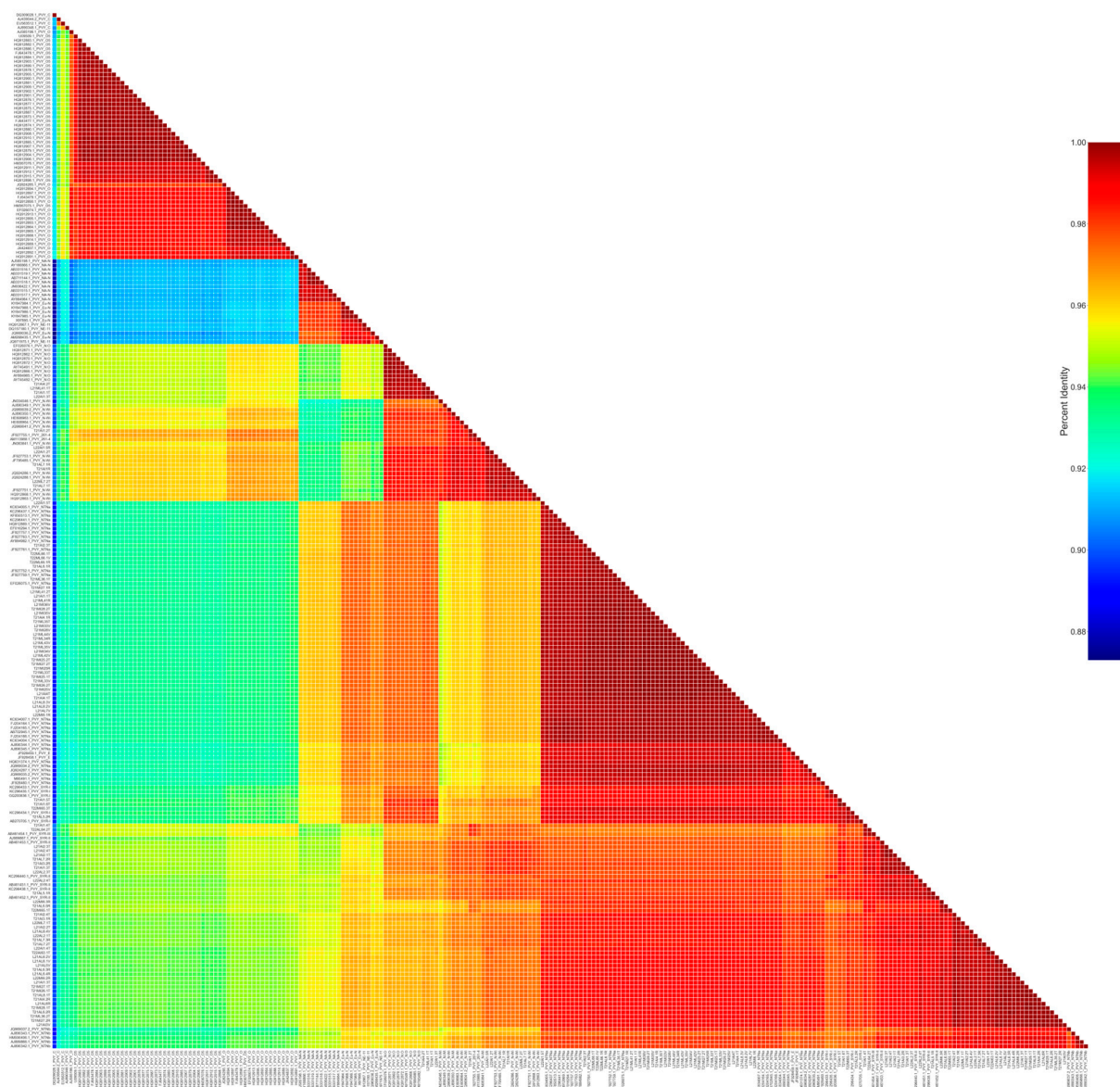


Figure S2. Color-coded pairwise identity matrix of the complete PVY polyprotein sequences.

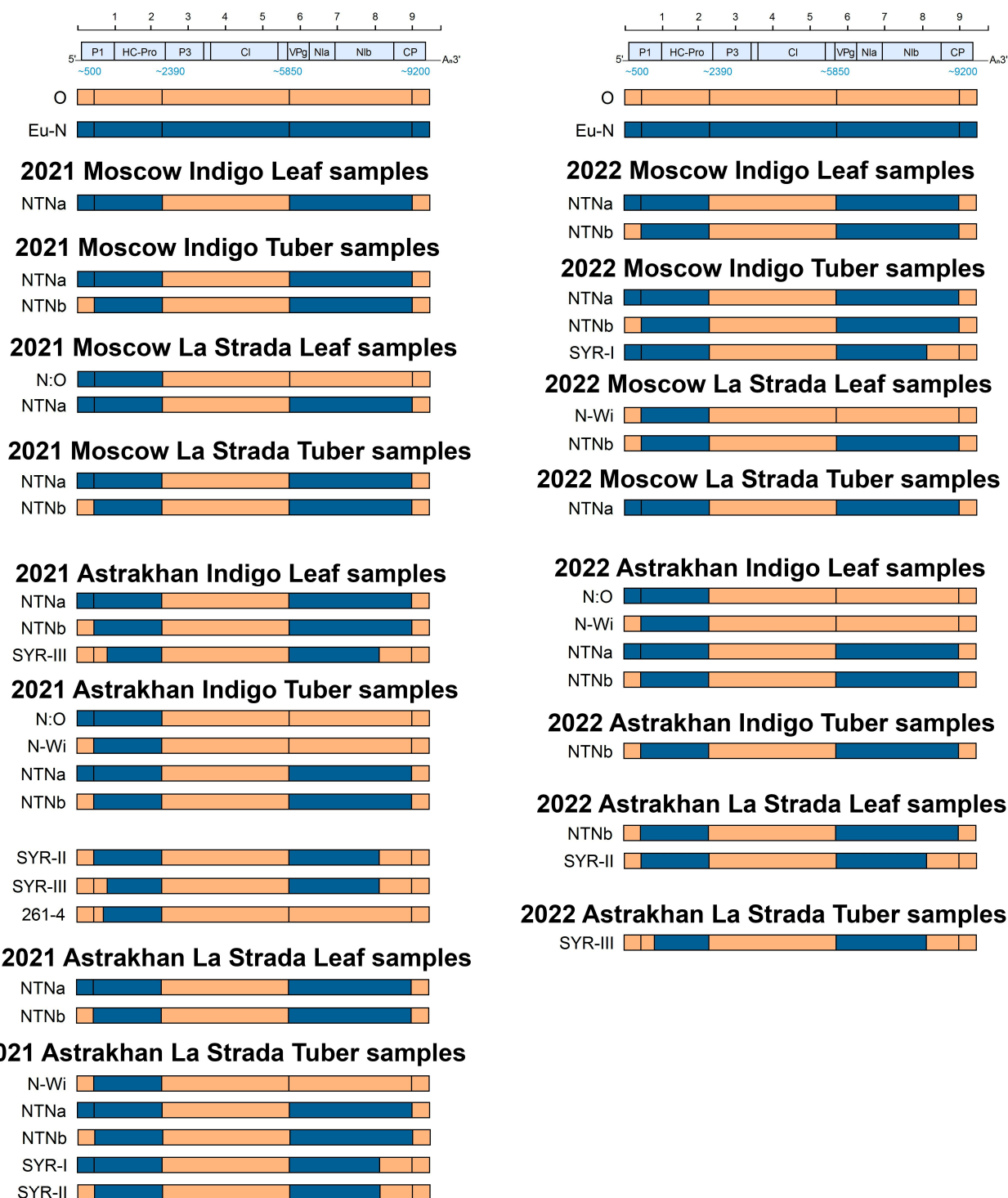


Figure S3. Schematic diagram of the known recombinant structures of potato virus Y (PVY) found in samples from the Moscow and Astrakhan regions, as well as five new recombinants described in this paper,