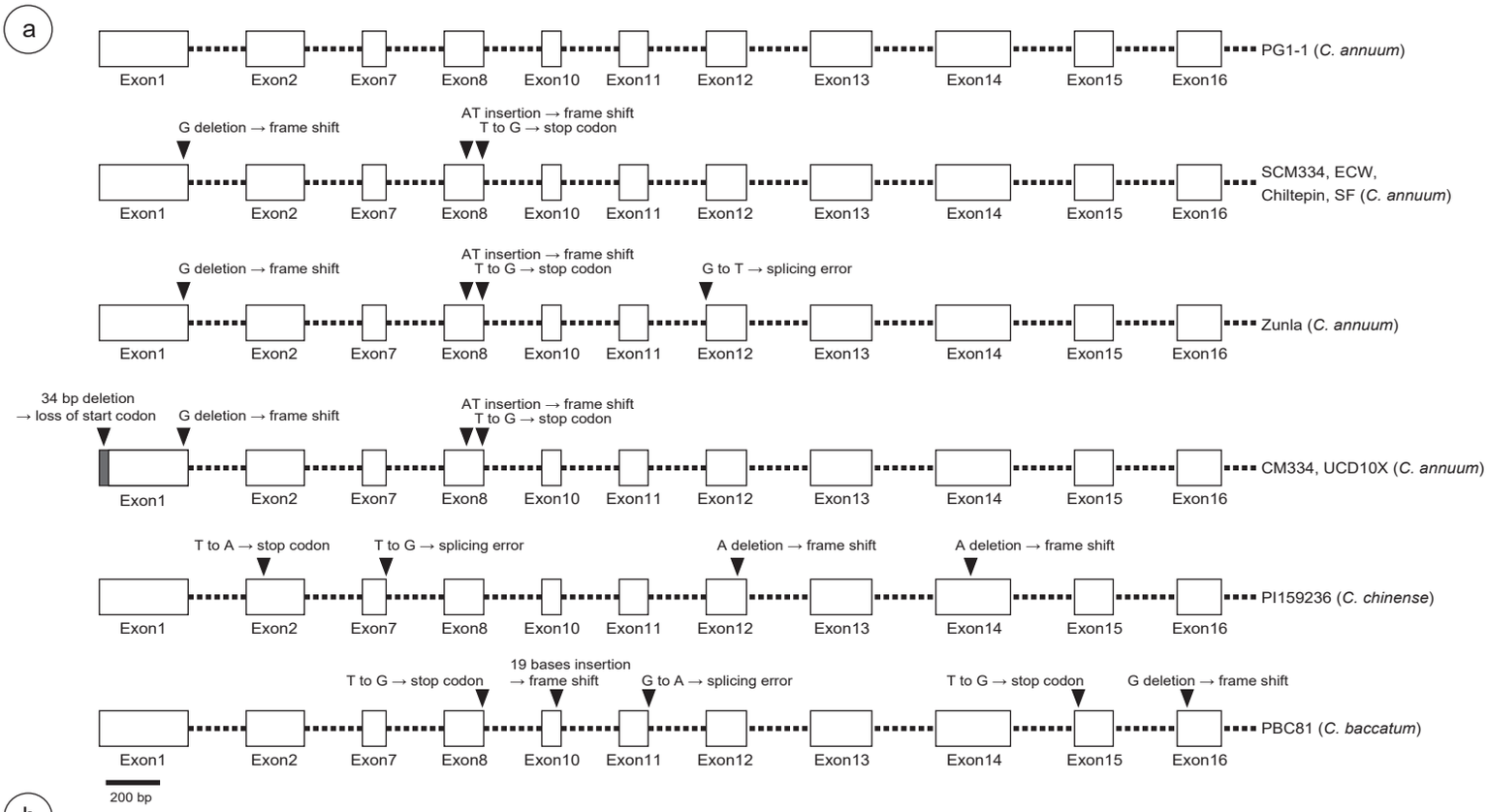

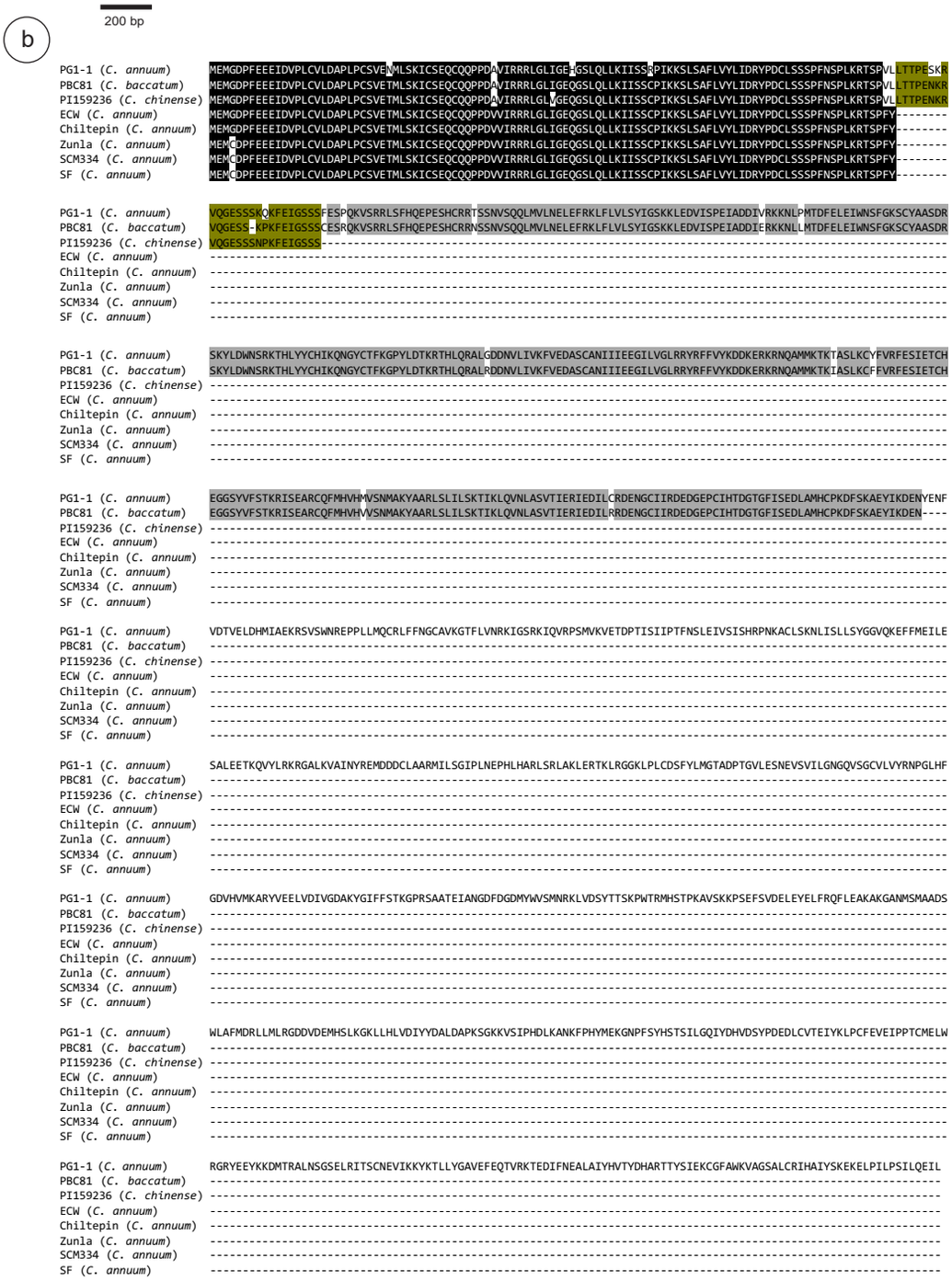

Fig. S2 a Schematic diagram of *CaRDR3a* in *C. annuum* accessions PG1-1, SCM334, ECW, Chiltepin, Zunla, SF, CM334, UCD10X, *C. chinense* accession PI159236, and *C. baccatum* accession PBC81. Exons are indicated by closed white boxes. Mutation points were indicated for each accession. **b** Alignment of the predicted amino acid sequences of CaRDR3a for *C. annuum*, *C. chinense*, and *C. baccatum* accessions.