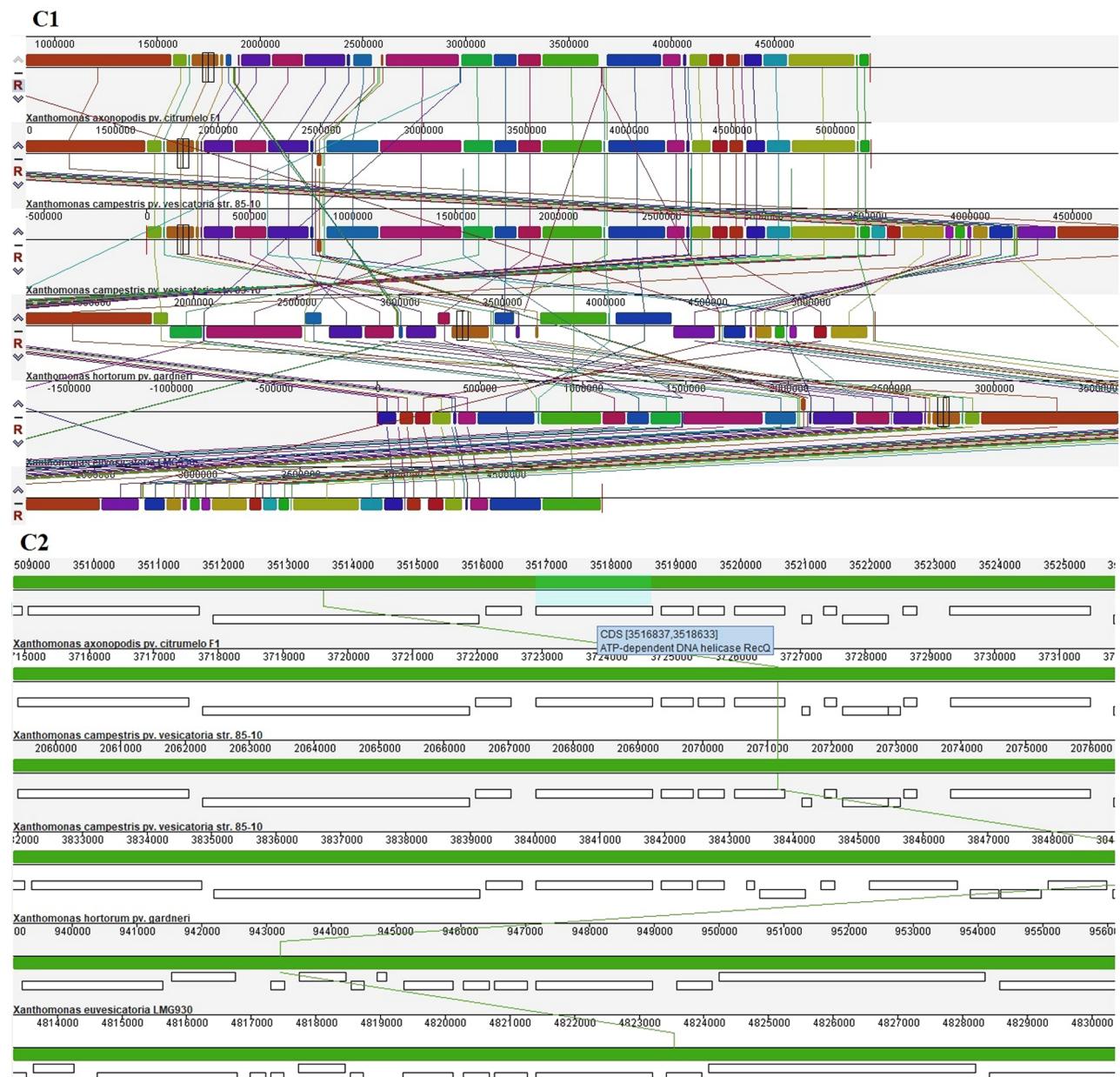


|    |   |      |   |   |   |
|----|---|------|---|---|---|
| 44 | <i>Xanthomonas vesicatoria</i>                  | Xv1  | — | — | — |
| 45 | <i>Xanthomonas vesicatoria</i>                  | Xv2  | — | — | — |
| 46 | <i>Xanthomonas gardneri</i>                     | Xg1  | — | — | — |
| 47 | <i>Xanthomonas gardneri</i>                     | Xg2  | — | — | — |
| 48 | <i>Xanthomonas perforans</i>                    | Xp1  | — | + | — |
| 49 | <i>Xanthomonas perforans</i>                    | Xp2  | + | — | + |
| 50 | <i>Xanthomonas oryzae</i> pv. <i>oryzae</i>     | YH   | — | — | — |
| 51 | <i>Pseudomonas syringae</i> pv. <i>syringae</i> | Pss1 | — | — | — |
| 52 | <i>Pseudomonas syringae</i> pv. <i>syringae</i> | Pss2 | — | — | — |



**Supplementary Fig. 1.** Alignment of whole genomes of *Xanthomonas euvesicatoria*, *X. perforans*, *X. vesicatoria*, *X. gardneri*, *X. axonopodis* pv. *citrumelo*, and *X. campestris* pv. *vesicatoria* for selection and location of target specific gene RecQ through progressive mauve alignment.