

Table S4. Organization of TnXaxI related elements

Main chromosome or Plasmid	Mlt	TnpA	TnpS	res site [TnpS to TnpT]	TnpT
Xoo KACC 10331	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>
Xoo MAFF 311018	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>
Xoo PXO99A	<i>Not found</i>	A) 2,302,697 .. 2,305,654 (59%) [IS630 partial] – [TnpS] B) 1,625,991 .. 1,626,503 (92%) – Partial [VirG] – [IS256 partial]	A) 2,301,719 .. 2,302,666 (80%) [arsenical membrane pump] – [TnpA]	A) 2,294,680 .. 2,294,784 (79%) [ISXoo5] – [TnpT]	A) 2,293,677..2,294,663 (82%) [ISXoo5] – [TnpT]
Xoo BLS256	A) 4,233,640.. 4,234,908 (95%) [C.H] – [IS3 ssgr IS407 partial]	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>
Xff 4834-R plc	A) 29,119 .. 30,390 (98%) [XopE3] - [C.H]	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>	A) 4,947,724 .. 4,948,167 (84%) - Partial
<i>X. albilineans</i> str. GPE PC73	A) 2,246,792 .. 2,248,069 (87%) [lysineaminomutase] – [trna/rnamethyltransferase]	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>	<i>Not found</i>
Xcv pXCV183	<i>Not found</i>	A) 105,147 .. 108,086 (59%) [tnpS] – [repA] B) 119,656 .. 122,448 (41%) [C.H] – [C.H] C) 124,208 .. 127,144 (59%) [TnpS] – [hypothetical]	A) 104,170 .. 105,120 (97%) [tnpT] – [tnpA] B) 123,255 .. 124,181 (98%) [C.H] – [TnpA]	A) 103,979 .. 104,170 (90%) [TnpT] – [TnpS]	A) 102,969 .. 103,979 (91%) [Type III] – [TnpS] B) 101,026 .. 101532 (94%) Partial
Xcc Aw12879 pXcaw58	<i>Not found</i>	A) 6,161 .. 9,097 (59%) [TnpS] – [Tn3 transposase - partial] B) 18,384 .. 21,176 (41%) [hypothetical] – [hypothetical] C) 54,640 .. 57,432 (41%) [hypothetical] – [hypothetical]	A) 3,983 .. 6,134 (95%) - frameshift [Type III] – [TnpA]	A) 3,792 .. 3,983 (85%) [TnpT] - [TnpS]	A) 3,218 .. 3,790 (94%) [hypothetical] – [TnpS] B) 2,739 .. 3,218 (95%) Partial
Xcc B100	<i>Not found</i>	A) 2,759,319 .. 2,762,255 (59%) [Peptidase] – [TnpS] B) 2,787,410 .. 2,788,048 (87%) – Partial [IS3 ssgr IS407 partial] – [type III]	A) 2,762,282.. 2,763,226 (90%) [TnpA] – [TnpT]	A) 2,763,259 .. 2,763,416 (79%) [TnpS] – [TnpT]	A) 2,763,416 .. 2764465 (93%) [TnpS] – [hypothetical]
<i>Pseudoxanthomonaspadi</i> x BD-a59	<i>Not found</i>	A) 636,723 .. 633,745 (85%) [alcohol dehydrogenases] – [TnpS]	A) 636,754 .. 638,019 (71%) [TnpA] – [transcription factor] B) 651,884 .. 653,152 (71%) [H] – [transcription factor]	A) 666,719 ..666,827 (76%) [ATPase domain] – [TnpT]	A) 666,842 .. 667,873 (86%) [endonuclease] – [sec-C metal-binding protein]

Abbreviations: H= hypothetical protein; C.H= conserved hypothetical protein

The gene products inside the brackets indicate the genome context of each TnXaxI genes