

Table 4. IS elements present in *P. syringae* pv. *tomato* DC3000

Element	Family	Copies ^a	Length / DR ^b		Structure	Left and right ends of newly identified elements (5'-3')
IS52	IS5	3(2)	ND ^c	ND	Orf A	previously identified: M14366
ISPs1	IS5	1(2)	ND	ND	Orf AB	previously identified: M11035
ISPsy5	IS5	36(8)	ND	ND	Orf A	previously identified: AB023075
ISPsy3	IS91	2(4)	ND	ND	Orf A	previously identified: AB063176
ISPsy4	IS21	23(1)	1962	6	Orf AB	TGTCACCGCCACTGTAAAAATGACCCCCTAACGCCAAC TGTC AACGCCAACTAAAAAGTGACCCCCTTCCGTGCTA
ISPsy5	IS66	35(13)	2059	8	Orf AB	GTATCCGATCCACGAACCCACATTTCAAGCCACTGGC GTAAGCGATCCACCAACCACACCTACCATCAGATGCGG
ISPsy6	unclassified	14(1)	1603	4(5)	Orf A	CAGACTGTGTGAAAACCTAGCAATCTGCGCAGCGCTCA CAGACTGTGTGAAAACACACTGATGAAGGCCCAAGCAA
ISPsy7	IS110	10	1356	0	Orf A	ATAATGAGATGGTCAGCCCGATCCGAGAAACCCGGAGT TAGGCAAATGTATGGTCAGCCCACCTCCTGCAATCGCA
ISPsy8	IS3	5	1432	3	Orf AB	TGGACTGCCCCCAAGAAGTTGGACACCAATCCGACCTA TGGACTGCCCCCGGAAGTTGGACAGTTTTAGCTTGCC
ISPsy9	IS3	1	1452	3	Orf AB	TGGTGTGACCCCCGAAGTTGGATGCAACCTTTGGAGG TGGTGTGACCCCCGAAGTTGGACAATTATCCACCTAC
ISPsy10	IS5	(3)	ND	ND	Orf A	ND ND
ISPsy11	IS3	3	1313	3	Orf AB	TGTCCCGTCCTGAATAAGGTTTACACCTTCTGACCTTT

ISPsy12 IS3	1	ND	ND	Orf AB	TGTCTAGTCCTGAAATAGGTTTACACCTGTTTCACGCT ND ND
ISPsy13 IS3	1	ND	ND	Orf AB	ND ND
ISPsy14 IS21	1	ND	ND	Orf AB	ND ND
ISPsy15 IS5	(2)	ND	ND	Orf A	ND ND

^a The number of full-length copies and the number of incomplete copies in parentheses.

^b Size in base pairs of the element (length) and the direct repeat (DR) generated by insertion into the target site.

^c ND = not determined.

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ISPsy8	IS3	5	1432	3	Orf AB	TGGACTGCCCCCAAGAAGTTGGACACCAATCCGACCTA TGGACTGCCCCCGGAAGTTGGACAGTTTTAGCTTGCC
ISPsy9	IS3	1	1452	3	Orf AB	TGGTGTGACCCCCGAAGTTGGATGCAACCTTTGGAGG TGGTGTGACCCCCGAAGTTGGACAATTATCCACCTAC
ISPsy10	IS5	(3)	ND	ND	Orf A	ND ND
ISPsy11	IS3	3	1313	3	Orf AB	TGTCCCGTCCTGAATAAGGTTTACACCTTCTGACCTTT

ISPsy12 IS3	1	ND	ND	Orf AB	TGTCTAGTCCTGAAATAGGTTTACACCTGTTTCACGCT ND ND
ISPsy13 IS3	1	ND	ND	Orf AB	ND ND
ISPsy14 IS21	1	ND	ND	Orf AB	ND ND
ISPsy15 IS5	(2)	ND	ND	Orf A	ND ND

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