

**Table 3. The chromosomal and plasmid genes disrupted by IS elements or phage genes in *P. syringae* pv. *tomato* DC3000**

	N-terminus	C-terminus	Gene assignment
1	PSPTO0198	PSPTO0195	ISPsy5, Orf1
2	PSPTO0843	PSPTO0845	ISPsy5, transposase
3	PSPTO0846	PSPTO0841	membrane protein, putative
4	PSPTO1018	PSPTO1021	hypothetical protein
5	PSPTO1225	PSPTO1228	insecticidal toxin protein
6	PSPTO1314	PSPTO1316	fimbrial biogenesis usher protein
7	PSPTO0901	-	TTSS effector candidate HolPsyAG(Pto)
8	PSPTO2329	PSPTO2327	response regulator
9	PSPTO2462	PSPTO2459	conserved hypothetical protein
10	PSPTO2540	PSPTO2542	conserved hypothetical protein
11	PSPTO3015	PSPTO3012	conserved hypothetical protein
12	PSPTO3431	PSPTO3434	ISPsy6, transposase
13	PSPTO3611	PSPTO3614	IS52, transposase
14	PSPTO4268	PSPTO4271	sulfate permease family protein
15	PSPTO4565	PSPTO4568	peptide ABC transporter, ATP-binding protein
16	PSPTO4597	PSPTO4595	TTSS effector candidate HolPtoZ
17	PSPTO4724	PSPTO4726	TTSS effector candidate HopPtoD1-related protein
18	PSPTO4728	PSPTO4731	ISPsy10, transposase
19	PSPTO4993	PSPTO4996	TTSS effector candidate HolPtoAC
20	PSPTO5366	PSPTO5369	ISPsy4, transposase
21	PSPTO5572	PSPTO5570	membrane protein
22	PSPTO5574	PSPTO5577	response regulator
23	PSPTOB0038	PSPTOB0041	transcriptional regulator, GntR family

