Table 6. Genes with unknown function unique to DC3000 identified from the comparative analysis with the *P. aeruginosa* PAO1 and *P. putida* KT2440 genomes and the identification of putative homologs (BLASTP $E < 10^{-5}$) in pathogenic bacteria

		Clustering					Plant pathogens					Animal pathogens		
Locus	**Location**	**Genes[a]**	**TTSS[b]**	**Predicted product[c]**	**GC%**	**Length (aa)**	**Rs**	**Xcc**	**Xac**	**At**	**Xf**	**Yp**	**Ec**	**St**
PSPTO0007	C	+	+	hypothetical protein	55.2	294								
PSPTO0011	C	+	+	conserved hypothetical protein	55.9	236	Rs	Xcc	Xac	At	Xf			
PSPTO0012	C	+	+	hypothetical protein	54.9	167								
PSPTO0013	C	+	+	hypothetical protein	58	189								
PSPTO0014	C	+	+	hypothetical protein	66.3	96								
PSPTO0015	C	+	+	hypothetical protein	55.7	203								
PSPTO0016	C	+	+	hypothetical protein	53.5	155								
PSPTO0020	C	+	+	hypothetical protein	54.9	116								
PSPTO0021	C	+	+	hypothetical protein	51.2	746								
PSPTO0022	C	+	+	DNA-binding protein	56.2	281								
PSPTO0023	C	+	+	hypothetical protein	53.9	199								
PSPTO0024	C	+	+	hypothetical protein	60	45								
PSPTO0025	C	+	+	hydrolase, haloacid dehalogenase-like family	56.6	209								
PSPTO0026	C	+	+	hypothetical protein	53	348								
PSPTO0027	C	+	+	hypothetical protein	51.7	240								
PSPTO0032	C	+	+	conserved hypothetical protein	48.9	322				At				
PSPTO0034	C	+	+	recombinase, putative	50.3	518	Rs			At				
PSPTO0037	C	+	+	helicase domain protein	53.4	1636						Yp		
PSPTO0038	C	+	+	conserved domain protein	53.4	696								

PSPTO0041	C	+	+	hypothetical protein	54.2	128								
PSPTO0043	C	+	+	cytidine/deoxycytidylate deaminase family protein	51.4	520								
PSPTO0045	C	+	+	hypothetical protein	53.2	52								
PSPTO0048	C	+	+	hypothetical protein	50	388								
PSPTO0049	C	+	+	conserved hypothetical protein	49.8	247								
PSPTO0050	C	+	+	conserved hypothetical protein	47.8	443								
PSPTO0051	C	+	+	conserved hypothetical protein	53.7	147	Rs							
PSPTO0052	C	+	+	hypothetical protein	53.1	589								
PSPTO0053	C	+	+	hypothetical protein	55.6	481								
PSPTO0054	C	+	+	hypothetical protein	57	203								
PSPTO0059	C	+	+	hypothetical protein	54.2	206								
PSPTO0088	C			hypothetical protein	58.3	44								
PSPTO0093	C			hypothetical protein	51.8	83								
PSPTO0104	C			hypothetical protein	53.9	34								
PSPTO0122	C			hypothetical protein	59.9	54								
PSPTO0133	C			hypothetical protein	54	50								
PSPTO0142	C			hypothetical protein	49.1	76								
PSPTO0149	C			conserved hypothetical protein	48.9	225								
PSPTO0160	C			hypothetical protein	60.3	125								
PSPTO0167	C			hypothetical protein	53.8	140								
PSPTO0172	C			hypothetical protein	54	97								
PSPTO0192	C			recombinase, putative	50.1	518	Rs			At				
PSPTO0205	C	+		hypothetical protein	48.4	331								
PSPTO0206	C	+		conserved hypothetical protein	55.3	158								

PSPTO0208	C	+		hypothetical protein	58	207									
PSPTO0216	C	+		hypothetical protein	50.7	46									
PSPTO0240	C	+		prevent-host-death family protein	51.8	83			Xac			Yp			
PSPTO0242	C	+		hypothetical protein	57.7	190									
PSPTO0243	C	+		conserved hypothetical protein	49	273									
PSPTO0244	C	+		hypothetical protein	62.3	237				At					
PSPTO0245	C	+		acetyltransferase, GNAT family	62.5	285				At					
PSPTO0246	C	+		hypothetical protein	54.7	137									
PSPTO0260	C			conserved hypothetical protein	62.8	218									
PSPTO0274	C	+		hypothetical protein	61.9	84									
PSPTO0275	C	+		DNA-binding protein	56.1	377	Rs	Xcc			Xf				
PSPTO0277	C	+		hypothetical protein	51.6	162									
PSPTO0279	C	+		conserved hypothetical protein	54	118									
PSPTO0283	C	+		hypothetical protein	54.4	147									
PSPTO0285	C	+		conserved domain protein	53.3	360									
PSPTO0289	C	+		hypothetical protein	56.2	51									
PSPTO0290	C	+		conserved hypothetical protein	59.8	78									
PSPTO0293	C	+		hypothetical protein	54.2	102									
PSPTO0294	C	+		hypothetical protein	62.6	66									
PSPTO0295	C	+		hypothetical protein	55.3	73									
PSPTO0296	C	+		hypothetical protein	58.3	107									
PSPTO0297	C	+		hypothetical protein	56.9	96									
PSPTO0302	C	+		hypothetical protein	49.4	58									
PSPTO0331	C			hypothetical protein	50.5	74									

PSPTO0332	C			hypothetical protein	54.4	95								
PSPTO0342	C			hypothetical protein	52.2	46								
PSPTO0354	C			hypothetical protein	52.6	52								
PSPTO0368	C			hypothetical protein	56.5	111								
PSPTO0374	C			hypothetical protein	61.2	195								
PSPTO0391	C			hypothetical protein	53.8	83								
PSPTO0392	C			hypothetical protein	50.8	63								
PSPTO0442	C			hypothetical protein	58.6	33								
PSPTO0447	C			hypothetical protein	68.3	60								
PSPTO0467	C	+	+	hypothetical protein	51.6	51								
PSPTO0473	C	+	+	hypothetical protein	59.8	1073		Xcc	Xac					
PSPTO0475	C	+	+	hypothetical protein	55.2	143								
PSPTO0476	C	+	+	hypothetical protein	53.2	148								
PSPTO0477	C	+	+	hypothetical protein	49.2	147								
PSPTO0478	C	+	+	hypothetical protein	50.6	308								
PSPTO0482	C	+	+	hypothetical protein	56.3	116								
PSPTO0521	C	+	+	DNA-binding protein	63.8	94								
PSPTO0522	C	+	+	conserved domain protein	58.5	408	Rs	Xcc		At				
PSPTO0526	C	+	+	hypothetical protein	54.3	70								
PSPTO0527	C	+	+	hypothetical protein	52.4	650								
PSPTO0528	C	+	+	hypothetical protein	50.7	295								
PSPTO0529	C	+	+	hypothetical protein	51	266								
PSPTO0530	C	+	+	conserved hypothetical protein	53.9	173					Xf			
PSPTO0561	C			hypothetical protein	61.4	57								

PSPTO0582	C	+	+	hypothetical protein	51.2	213									
PSPTO0583	C	+	+	hypothetical protein	47.2	229									
PSPTO0585	C	+	+	hypothetical protein	50.5	155									
PSPTO0590	C	+	+	hypothetical protein	45.4	47									
PSPTO0608	C			hypothetical protein	30.3	33									
PSPTO0657	C	+		hypothetical protein	55.1	196									
PSPTO0658	C	+		hypothetical protein	49.7	181									
PSPTO0665	C	+		ROK family protein	60.1	376		Xcc	Xac	At		Yp	Ec	St	
PSPTO0666	C	+		hypothetical protein	53	173									
PSPTO0684	C			hypothetical protein	56.3	183									
PSPTO0702	C	+		conserved hypothetical protein	56.8	339	Rs		Xac				Ec	St	
PSPTO0707	C	+		hypothetical protein	56	204									
PSPTO0709	C	+		hypothetical protein	54.9	240									
PSPTO0710	C	+		conserved domain protein	56.1	98									
PSPTO0711	C	+		hypothetical protein	54.5	591									
PSPTO0712	C	+		hypothetical protein	52.4	201									
PSPTO0713	C	+		conserved hypothetical protein	55.3	347									
PSPTO0715	C	+		conserved hypothetical protein	58.5	265	Rs								
PSPTO0717	C	+		DNA-binding protein	54.2	80			Xac						
PSPTO0718	C	+		hypothetical protein	55.8	132									
PSPTO0719	C	+		hypothetical protein	48.9	58									
PSPTO0745	C			hypothetical protein	54.8	76									
PSPTO0746	C			hypothetical protein	62.4	465									
PSPTO0792	C			hypothetical protein	65.2	44									

PSPTO0803	C			hypothetical protein	53.1	32								
PSPTO0819	C			conserved hypothetical protein	58.3	248	Rs	Xcc		At	Xf			
PSPTO0831	C	+	+	conserved hypothetical protein	56	642		Xcc	Xac		Xf			
PSPTO0837	C	+	+	conserved hypothetical protein	44.2	200			Xac					
PSPTO0840	C	+	+	hypothetical protein	50.2	138								
PSPTO0847	C	+	+	hypothetical protein	50	122								
PSPTO0848	C	+	+	conserved hypothetical protein	57.8	457		Xcc	Xac					
PSPTO0849	C	+	+	conserved hypothetical protein	59.5	312		Xcc	Xac					
PSPTO0850	C	+	+	conserved hypothetical protein	58.5	138			Xac					
PSPTO0851	C	+	+	conserved hypothetical protein	51.6	162						Yp	Ec	
PSPTO0854	C	+	+	hypothetical protein	51.1	73								
PSPTO0856	C	+	+	conserved hypothetical protein	52	272								
PSPTO0858	C	+	+	hypothetical protein	53.2	99								
PSPTO0859	C	+	+	conserved hypothetical protein	56.1	889			Xac					
PSPTO0860	C	+	+	conserved hypothetical protein	58.1	151								
PSPTO0861	C	+	+	conserved hypothetical protein	58.2	498			Xac					
PSPTO0862	C	+	+	conserved hypothetical protein	58.5	307			Xac					
PSPTO0863	C	+	+	conserved hypothetical protein	59.6	222								
PSPTO0866	C	+	+	hypothetical protein	59.8	121			Xac					
PSPTO0867	C	+	+	conserved hypothetical protein	59	122			Xac					
PSPTO0868	C	+	+	hypothetical protein	61.2	49								
PSPTO0870	C	+	+	hypothetical protein	49	66								
PSPTO0874	C	+	+	nikkomycin biosynthesis domain protein	49.2	417								
PSPTO0878	C	+	+	conserved domain protein	59.4	105								

PSPTO0880	C	+	+	conserved hypothetical protein	56.9	249			Xac						
PSPTO0881	C	+	+	conserved domain protein	57.9	293			Xac						
PSPTO0882	C	+	+	hypothetical protein	50.8	177									
PSPTO0891	C		+	hypothetical protein	57	76									
PSPTO0895	C	+	+	hypothetical protein	50.4	168									
PSPTO0899	C	+	+	conserved domain protein	55.3	155	Rs								
PSPTO0900	C	+	+	hypothetical protein	63.4	93									
PSPTO0904	C	+	+	mutT/nudix family protein	51.9	504									
PSPTO0907	C	+	+	hypothetical protein	53.1	403									
PSPTO0914	C	+	+	STAS domain protein	63.9	96		Xcc	Xac						
PSPTO0918	C	+	+	conserved hypothetical protein	60	35									
PSPTO0921	C	+	+	hypothetical protein	44.2	43									
PSPTO0930	C	+		conserved hypothetical protein	55.8	230									
PSPTO0931	C	+		hypothetical protein	51.9	135									
PSPTO0932	C	+		conserved hypothetical protein	56.2	181									
PSPTO0933	C	+		conserved hypothetical protein	60.1	332						Yp	Ec		
PSPTO0935	C	+		conserved hypothetical protein	62.7	377						Yp	Ec		
PSPTO0936	C	+		conserved hypothetical protein	59.5	252						Yp	Ec		
PSPTO0937	C	+		conserved hypothetical protein	62.5	364						Yp	Ec		
PSPTO0938	C	+		conserved hypothetical protein	60.1	316						Yp	Ec		
PSPTO0966	C			hypothetical protein	53.4	58									
PSPTO0974	C			hypothetical protein	54.3	35									
PSPTO0987	C			conserved domain protein	50.4	76									
PSPTO1003	C			acetyltransferase, GNAT family	58.2	145				At				St	

PSPTO1006	C			hypothetical protein	57.6	33								
PSPTO1016	C			hypothetical protein	53.2	534								
PSPTO1036	C	+		hypothetical protein	47.7	153								
PSPTO1038	C	+		conserved hypothetical protein	63.5	149						Yp		
PSPTO1044	C	+		hypothetical protein	55.9	59								
PSPTO1045	C	+		PIN domain protein	54.2	134				At	Xf			St
PSPTO1046	C	+		conserved hypothetical protein	52.2	76								St
PSPTO1055	C	+		hypothetical protein	53.7	72								
PSPTO1057	C	+		conserved hypothetical protein TIGR00305	56.4	136					Xf			
PSPTO1058	C	+		conserved hypothetical protein	53.2	79					Xf			
PSPTO1060	C	+		hypothetical protein	52.5	47								
PSPTO1062	C	+		hypothetical protein	54	87								
PSPTO1082	C			hypothetical protein	54.2	72								
PSPTO1088	C	+		conserved hypothetical protein	58.6	350	Rs		Xac				Ec	St
PSPTO1090	C	+		hypothetical protein	38.1	325								
PSPTO1091	C	+		conserved hypothetical protein	39.1	138								
PSPTO1093	C	+		relaxase/mobilization nuclease domain protein	52.8	805								
PSPTO1094	C	+		conserved hypothetical protein	53.1	125								
PSPTO1113	C			hypothetical protein	54.1	194								
PSPTO1114	C			hypothetical protein	55.9	74		Xcc	Xac					
PSPTO1124	C			hypothetical protein	56.7	40								
PSPTO1125	C			hypothetical protein	58.7	71								
PSPTO1137	C			hypothetical protein	62	36								
PSPTO1142	C			hypothetical protein	60.5	86		Xcc	Xac					

PSPTO1161	C			hypothetical protein	60.4	64								
PSPTO1176	C		+	conserved domain protein	51.8	114								
PSPTO1185	C	+	+	hypothetical protein	56.2	201								
PSPTO1193	C	+	+	conserved hypothetical protein	62.8	654	Rs							
PSPTO1195	C	+	+	hypothetical protein	63.7	713								
PSPTO1198	C	+	+	hypothetical protein	57.5	40								
PSPTO1199	C			hypothetical protein	46.7	45								
PSPTO1259	C			hypothetical protein	50.6	58								
PSPTO1297	C			hypothetical protein	55.3	44								
PSPTO1311	C	+		hypothetical protein	55.7	125								
PSPTO1319	C	+		hypothetical protein	59.6	95								
PSPTO1321	C	+		hypothetical protein	61.4	51								
PSPTO1322	C	+		acetyltransferase, GNAT family	62.8	157								
PSPTO1341	C	+		hypothetical protein	58	322								
PSPTO1342	C	+		conserved domain protein	53.6	352								St
PSPTO1344	C	+		hypothetical protein	59.1	190		Xcc	Xac					
PSPTO1350	C	+	+	hypothetical protein	61.4	400								
PSPTO1351	C	+	+	hypothetical protein	55.8	98								
PSPTO1353	C	+	+	conserved hypothetical protein	61.1	131		Xcc	Xac			Yp		
PSPTO1367	C	+	+	acetyltransferase, GNAT family	53.4	148								
PSPTO1408	C	+	+	hypothetical protein	64.5	61								
PSPTO1409	C	+	+	conserved hypothetical protein	49.3	281						Yp		St
PSPTO1410	C	+	+	exchangeable effector locus protein	53.6	138								
PSPTO1411	C	+	+	hypothetical protein	49.6	191								

PSPTO1442	C			hypothetical protein	58.2	178								
PSPTO1451	C			conserved hypothetical protein	51.3	393	Rs	Xcc				Yp	Ec	
PSPTO1452	C			hypothetical protein	57.9	38								
PSPTO1463	C			hypothetical protein	57.6	48								
PSPTO1530	C			hypothetical protein	54.6	282								
PSPTO1566	C	+	+	hypothetical protein	62.5	32								
PSPTO1569	C	+	+	conserved domain protein	50	88								
PSPTO1570	C	+	+	hypothetical protein	56.2	51								
PSPTO1571	C	+	+	hypothetical protein	52.6	523								
PSPTO1572	C	+	+	hypothetical protein	47.4	104								
PSPTO1573	C	+	+	conserved hypothetical protein	52.8	60					Xf		Ec	
PSPTO1575	C	+	+	hypothetical protein	56.6	103								
PSPTO1577	C	+	+	hypothetical protein	56.9	370			Xac					
PSPTO1581	C	+	+	conserved domain protein	55.2	212	Rs				Xf			
PSPTO1586	C	+	+	hypothetical protein	56.1	123								
PSPTO1591	C	+	+	hypothetical protein	51.7	40								
PSPTO1594	C	+	+	conserved hypothetical protein	63.9	134	Rs			At				
PSPTO1595	C	+	+	hypothetical protein	57.8	225								
PSPTO1601	C	+		hypothetical protein	59.6	166								
PSPTO1603	C	+		hypothetical protein	58.1	39								
PSPTO1611	C	+		hypothetical protein	65.8	37								
PSPTO1614	C	+		hypothetical protein	56.6	179								
PSPTO1615	C	+		hypothetical protein	48.7	290								
PSPTO1619	C	+		hypothetical protein	54.9	226								

PSPTO1634	C			conserved hypothetical protein	50.6	60						Yp		
PSPTO1635	C			conserved hypothetical protein	53.5	134						Yp		
PSPTO1641	C			hypothetical protein	57.7	93								
PSPTO1651	C	+		conserved hypothetical protein	58.7	96							Ec	
PSPTO1653	C	+		conserved domain protein	53.4	517		Xcc				Yp		
PSPTO1654	C	+		conserved hypothetical protein	54.9	424		Xcc				Yp		
PSPTO1655	C	+		hypothetical protein	51.7	158								
PSPTO1656	C	+		conserved hypothetical protein	53.5	629							Ec	
PSPTO1657	C	+		hypothetical protein	51.4	556								
PSPTO1662	C			hypothetical protein	55.9	65								
PSPTO1668	C			hypothetical protein	57.3	82								
PSPTO1676	C			conserved hypothetical protein	53.1	157								
PSPTO1678	C			hypothetical protein	58.9	116								
PSPTO1681	C			hypothetical protein	54.3	94								
PSPTO1722	C	+		hypothetical protein	63.7	101								
PSPTO1723	C	+		hypothetical protein	48.2	47								
PSPTO1726	C	+		hypothetical protein	50	104								
PSPTO1727	C	+		hypothetical protein	59.3	50								
PSPTO1761	C			hypothetical protein	54.9	68								
PSPTO1774	C			hypothetical protein	57.6	59								
PSPTO1804	C			hypothetical protein	57.8	30								
PSPTO1816	C			hypothetical protein	51	70								
PSPTO1820	C			hypothetical protein	57.6	59								
PSPTO1837	C			hypothetical protein	58.8	119								

PSPTO1840	C			hypothetical protein	50	52								
PSPTO1848	C	+		hypothetical protein	53.2	77								
PSPTO1849	C	+		hypothetical protein	49.5	171								
PSPTO1850	C	+		hypothetical protein	54.8	532		Xcc						
PSPTO1851	C	+		hypothetical protein	54.9	720		Xcc						
PSPTO1853	C	+		hypothetical protein	50.5	35								
PSPTO1858	C	+		conserved hypothetical protein	53.4	293							Ec	
PSPTO1869	C	+		conserved hypothetical protein	60.8	96			Xac					
PSPTO1872	C	+		hypothetical protein	57	31								
PSPTO1876	C	+		hypothetical protein	60.2	67								
PSPTO1895	C	+		conserved hypothetical protein	55.6	87	Rs							
PSPTO1897	C	+		BNR/Asp-box repeat protein	61	432		Xcc	Xac	At				St
PSPTO1900	C	+		hypothetical protein	52.7	31								
PSPTO1903	C	+		hypothetical protein	49.3	228								
PSPTO1905	C	+		hypothetical protein	58.6	79								
PSPTO1913	C			conserved hypothetical protein	53.7	98								
PSPTO1932	C			hypothetical protein	56.4	52								
PSPTO1938	C			hypothetical protein	61.7	47								
PSPTO1967	C			hypothetical protein	53.1	59								
PSPTO1999	C	+		PIN domain protein	58.4	150	Rs		Xac	At	Xf			
PSPTO2000	C	+		prevent-host-death family protein	57.8	83								
PSPTO2006	C	+		hypothetical protein	55.4	157								
PSPTO2012	C	+		hypothetical protein	52.8	178								
PSPTO2013	C	+		hypothetical protein	53.5	220								

PSPTO2027	C			hypothetical protein	61.4	38								
PSPTO2058	C	+		hypothetical protein	52.7	62								
PSPTO2062	C	+		conserved hypothetical protein	56.9	123								
PSPTO2067	C	+		hypothetical protein	58.1	39								
PSPTO2068	C	+		conserved hypothetical protein	54.4	109		Xcc	Xac					
PSPTO2069	C	+		hypothetical protein	57.9	61								
PSPTO2073	C	+		hypothetical protein	54	182								
PSPTO2074	C	+		hypothetical protein	54.3	97								
PSPTO2076	C	+		hypothetical protein	46.6	153								
PSPTO2077	C	+		conserved domain protein	59.5	121								
PSPTO2078	C	+		hypothetical protein	57.3	125								
PSPTO2079	C	+		hypothetical protein	57.8	120								
PSPTO2080	C	+		conserved hypothetical protein, internal deletion	56.3	126						Yp		
PSPTO2081	C	+		hypothetical protein	61.6	150								
PSPTO2083	C	+		hypothetical protein	47.4	175								
PSPTO2084	C	+		conserved hypothetical protein	58.6	83								
PSPTO2085	C	+		conserved hypothetical protein	59.5	131								
PSPTO2086	C	+		hypothetical protein	61.1	60								
PSPTO2087	C	+		hypothetical protein	62.4	102								
PSPTO2088	C	+		conserved hypothetical protein	60.9	132								
PSPTO2090	C	+		hypothetical protein	49.5	122								
PSPTO2095	C	+		conserved domain protein	56.7	70								
PSPTO2096	C	+		hypothetical protein	60.5	414								
PSPTO2122	C			hypothetical protein	57.4	97								

PSPTO2124	C			hypothetical protein	54.5	85									
PSPTO2157	C			hypothetical protein	64.4	568									
PSPTO2162	C			hypothetical protein	55.5	164									
PSPTO2219	C			hypothetical protein	56.8	54									
PSPTO2260	C	+		conserved hypothetical protein	59.8	409									
PSPTO2262	C	+		hypothetical protein	52.9	347									
PSPTO2263	C	+		hypothetical protein	53.8	145									
PSPTO2264	C	+		hypothetical protein	59	109									
PSPTO2271	C	+		hypothetical protein	58.6	37									
PSPTO2273	C	+		hypothetical protein	51.5	57									
PSPTO2308	C			hypothetical protein	55.4	65									
PSPTO2318	C			hypothetical protein	46.5	104									
PSPTO2323	C			hypothetical protein	51.3	596									
PSPTO2325	C			hypothetical protein	46.9	86									
PSPTO2332	C			hypothetical protein	61.1	155									
PSPTO2356	C	+		hypothetical protein	55.6	127									
PSPTO2357	C	+		hypothetical protein	58.6	141									
PSPTO2360	C	+		hypothetical protein	56.2	89									
PSPTO2361	C	+		conserved domain protein	61.8	76			Xac			Yp			
PSPTO2363	C	+		hypothetical protein	54.4	79									
PSPTO2377	C			hypothetical protein	59.7	101									
PSPTO2389	C	+		hypothetical protein	57.1	260									
PSPTO2390	C	+		hypothetical protein	46.1	256									
PSPTO2391	C	+		hypothetical protein	55.7	106									

PSPTO2394	C	+		radical SAM domain protein	46.3	306								
PSPTO2407	C			conserved hypothetical protein	58.3	214	Rs	Xcc		At	Xf			
PSPTO2431	C			conserved hypothetical protein	43.5	305								
PSPTO2433	C			hypothetical protein	45.7	43								
PSPTO2442	C			CheW domain protein	63.3	487						Yp		
PSPTO2443	C			hypothetical protein	54.5	41								
PSPTO2455	C			hypothetical protein	57.3	78								
PSPTO2456	C			hypothetical protein	56.1	38								
PSPTO2497	C	+		hypothetical protein	50.4	41								
PSPTO2498	C	+		hypothetical protein	65.8	40								
PSPTO2501	C	+		hypothetical protein	58.1	89								
PSPTO2502	C	+		hypothetical protein	60.2	67								
PSPTO2503	C	+		hypothetical protein	58.7	189								
PSPTO2512	C			hypothetical protein	53.2	173								
PSPTO2513	C			hypothetical protein	54.3	35								
PSPTO2530	C	+		hypothetical protein	54.8	42								
PSPTO2531	C	+		hypothetical protein	57.1	94								
PSPTO2534	C	+		hypothetical protein	49.6	226								
PSPTO2536	C	+		hypothetical protein	56	147								
PSPTO2537	C	+		conserved domain protein	52.5	155								
PSPTO2584	C	+		conserved hypothetical protein	61.1	227				At				
PSPTO2587	C	+		hypothetical protein	52.5	40								
PSPTO2589	C	+		hypothetical protein	58.9	111								
PSPTO2613	C	+		hypothetical protein	54.8	191								

PSPTO2615	C	+		GAF domain protein	54.3	165		Xcc	Xac	At				
PSPTO2619	C	+		hypothetical protein	60.6	218								
PSPTO2631	C			hypothetical protein	59.6	197								
PSPTO2647	C			hypothetical protein	57	246								
PSPTO2648	C			hypothetical protein	57	155								
PSPTO2669	C	+	+	conserved hypothetical protein	58.3	96	Rs			At				
PSPTO2675	C	+	+	conserved hypothetical protein	58.2	196								
PSPTO2679	C	+	+	hypothetical protein	60.8	40								
PSPTO2682	C	+	+	hypothetical protein	59.5	199			Xac	At				
PSPTO2695	C	+	+	conserved hypothetical protein	60.9	353		Xcc	Xac					
PSPTO2698	C	+	+	hypothetical protein	59.6	104								
PSPTO2700	C	+	+	hypothetical protein	56.9	184								
PSPTO2727	C			hypothetical protein	49.5	31								
PSPTO2768	C	+		hypothetical protein	50.6	58								
PSPTO2770	C	+		hypothetical protein	60	35								
PSPTO2772	C	+		hypothetical protein	55.1	141								
PSPTO2774	C	+		conserved hypothetical protein	57.5	131						Yp		
PSPTO2781	C	+		conserved hypothetical protein	62.8	411	Rs			At				
PSPTO2789	C			hypothetical protein	43.1	48								
PSPTO2796	C			conserved hypothetical protein	60.2	283				At				
PSPTO2797	C			hypothetical protein	63.1	56								
PSPTO2809	C	+		conserved hypothetical protein	64.6	486	Rs	Xcc	Xac	At			Ec	St
PSPTO2815	C	+		conserved hypothetical protein	61.3	173	Rs			At		Yp		
PSPTO2817	C	+		conserved domain protein	62.8	61		Xcc	Xac	At		Yp		

PSPTO2819	C	+		conserved hypothetical protein	58.9	262								
PSPTO2820	C	+		hypothetical protein	63.8	371								
PSPTO2821	C	+		hypothetical protein	65.6	302								
PSPTO2823	C	+		hypothetical protein	59.3	249								
PSPTO2824	C	+		auxin-responsive GH3-related protein	61.8	487								
PSPTO2826	C	+		conserved domain protein	58.9	99				At		Yp	Ec	
PSPTO2827	C	+		conserved domain protein	60.8	80				At		Yp		St
PSPTO2835	C			conserved domain protein	58.7	50				At				
PSPTO2858	C	+	+	hypothetical protein	51.7	118								
PSPTO2859	C	+	+	conserved hypothetical protein	56.2	866						Yp		
PSPTO2860	C	+	+	helicase domain protein	57.5	459							Ec	
PSPTO2866	C	+	+	cupin family protein	57.1	133		Xcc	Xac	At		Yp		
PSPTO2867	C	+	+	TspO/MBR family protein	56.8	146		Xcc	Xac	At				
PSPTO2868	C	+	+	conserved hypothetical protein	59.4	392	Rs				Xf			
PSPTO2869	C	+	+	hypothetical protein	43.3	40								
PSPTO2871	C	+	+	conserved hypothetical protein	59.7	1044						Yp		St
PSPTO2873	C	+	+	conserved hypothetical protein	61.2	345								
PSPTO2880	C	+	+	conserved hypothetical protein	61.6	423								
PSPTO2881	C	+	+	hypothetical protein	61.5	32								
PSPTO2888	C	+	+	conserved domain protein	45.1	48								
PSPTO2889	C	+	+	hypothetical protein	55	37								
PSPTO2892	C	+	+	hypothetical protein	52.1	32								
PSPTO2894	C	+	+	lectin repeat domain protein	50	801								
PSPTO2895	C	+	+	hypothetical protein	57.1	339				At				

PSPTO2897	C	+	+	conserved hypothetical protein	58.9	380		Xcc	Xac					
PSPTO2899	C	+	+	conserved hypothetical protein	59.1	394		Xcc	Xac					
PSPTO2908	C	+		hypothetical protein	56.8	230								
PSPTO2918	C	+		conserved hypothetical protein	61.2	135	Rs	Xcc	Xac	At				
PSPTO2924	C	+		hypothetical protein	54.7	53								
PSPTO2929	C	+		hypothetical protein	53.5	320								
PSPTO2931	C	+		conserved hypothetical protein	59.3	394								
PSPTO2939	C	+		hypothetical protein	54.5	170								
PSPTO2942	C	+		hypothetical protein	57.8	34								
PSPTO2959	C	+		conserved hypothetical protein	64.2	551								
PSPTO2963	C	+		oxidoreductase, FAD-binding	65	379	Rs	Xcc	Xac	At				
PSPTO2965	C	+		conserved hypothetical protein	57.9	130	Rs							
PSPTO2977	C	+		conserved hypothetical protein	51.7	211								
PSPTO2979	C	+		conserved hypothetical protein	52.3	128								
PSPTO2982	C	+		conserved hypothetical protein	62.3	576		Xcc		At				
PSPTO2998	C			conserved hypothetical protein	58.7	142	Rs	Xcc	Xac	At	Xf			
PSPTO2999	C			hypothetical protein	54.4	250								
PSPTO3016	C			conserved hypothetical protein	48.4	117	Rs					Yp	Ec	St
PSPTO3018	C			conserved hypothetical protein	58.6	307	Rs			At		Yp		St
PSPTO3026	C			conserved hypothetical protein	55.1	81		Xcc						
PSPTO3055	C			hypothetical protein	54.4	49								
PSPTO3067	C		+	hypothetical protein	59.1	230								
PSPTO3078	C		+	conserved hypothetical protein	52.9	128								
PSPTO3092	C		+	conserved hypothetical protein	60.1	278		Xcc	Xac					

PSPTO3104	C			hypothetical protein	59	48								
PSPTO3117	C			hypothetical protein	57.2	60								
PSPTO3120	C			Cof-like hydrolase family protein	60.4	272						Yp	Ec	St
PSPTO3151	C			conserved hypothetical protein	64.5	61				At				
PSPTO3166	C	+		conserved domain protein	58.5	320								
PSPTO3167	C	+		hypothetical protein	60.7	101								
PSPTO3168	C	+		hypothetical protein	39.1	46								
PSPTO3169	C	+		hypothetical protein	62.1	87								
PSPTO3177	C			conserved hypothetical protein	57.6	99								
PSPTO3187	C			hypothetical protein	53.9	86								
PSPTO3189	C			conserved hypothetical protein	62.1	317								
PSPTO3200	C	+		hypothetical protein	60.5	290								
PSPTO3201	C	+		hypothetical protein	60.6	259								
PSPTO3203	C	+		conserved hypothetical protein	51.7	154								
PSPTO3211	C			conserved hypothetical protein	40.5	171						Yp		
PSPTO3217	C	+		hypothetical protein	50.3	55								
PSPTO3218	C	+		hypothetical protein	52.6	398								
PSPTO3219	C	+		hypothetical protein	57.7	41								
PSPTO3222	C	+		hypothetical protein	53.1	71								
PSPTO3228	C	+		hypothetical protein	53	56								
PSPTO3236	C			hypothetical protein	51.9	131								
PSPTO3241	C			phytase domain protein	62.9	640								
PSPTO3246	C			hypothetical protein	59.3	232							Ec	St
PSPTO3253	C			conserved hypothetical protein	55	240						Yp	Ec	St

PSPTO3261	C			hypothetical protein	58.3	84								
PSPTO3270	C	+		conserved hypothetical protein	55.7	94								
PSPTO3271	C	+		hypothetical protein	60.3	110								
PSPTO3276	C	+		hypothetical protein	44.4	39								
PSPTO3289	C	+		hypothetical protein	54.6	72								
PSPTO3292	C	+		hypothetical protein	53.1	404	Rs							
PSPTO3293	C	+		hypothetical protein	57.2	416								
PSPTO3303	C			hypothetical protein	55.4	62								
PSPTO3305	C			hypothetical protein	54.2	280								
PSPTO3324	C			hypothetical protein	50.5	35								
PSPTO3337	C			hypothetical protein	53.2	195								
PSPTO3384	C	+		hypothetical protein	52.9	68								
PSPTO3386	C	+		hypothetical protein	50.4	784				At				
PSPTO3387	C	+		conserved hypothetical protein	41.6	109							Ec	
PSPTO3402	C			hypothetical protein	62.7	92								
PSPTO3414	C	+		hypothetical protein	61.1	48								
PSPTO3415	C	+		conserved domain protein	57.6	128								
PSPTO3420	C	+		hypothetical protein	56.8	199	Rs							
PSPTO3422	C	+		hypothetical protein	55	191								
PSPTO3424	C	+		hypothetical protein	54.6	124								
PSPTO3426	C	+		hypothetical protein	53.3	140								
PSPTO3428	C	+		conserved domain protein	55.7	152	Rs							
PSPTO3429	C	+		DNA-binding protein, putative	53.8	80	Rs		Xac		Xf	Yp	Ec	
PSPTO3468	C			conserved hypothetical protein	65.2	467		Xcc	Xac	At				

PSPTO3478	C	+		hypothetical protein	53.2	79		Xcc	Xac					
PSPTO3481	C	+		hypothetical protein	55.7	76								
PSPTO3483	C	+		hypothetical protein	52.7	282								
PSPTO3486	C	+		hypothetical protein	50.9	38								
PSPTO3491	C	+		hypothetical protein	58.2	122								
PSPTO3509	C			hypothetical protein	47.5	40								
PSPTO3518	C			hypothetical protein	60.2	41								
PSPTO3525	C			hypothetical protein	52.9	143								
PSPTO3542	C	+		conserved hypothetical protein	60.7	305								
PSPTO3544	C	+		conserved hypothetical protein	60.1	381				At				
PSPTO3546	C	+		hypothetical protein	51.8	47								
PSPTO3560	C	+		GDA1/CD39 family protein	50.7	402								
PSPTO3562	C	+		hypothetical protein	60.6	33								
PSPTO3567	C	+		hypothetical protein	60.4	466								
PSPTO3568	C	+		hypothetical protein	53.7	41								
PSPTO3571	C	+		hypothetical protein	57.9	38								
PSPTO3575	C	+		hypothetical protein	53.6	173								
PSPTO3578	C	+		hypothetical protein	53.3	162								
PSPTO3597	C	+		conserved hypothetical protein	63.2	402						Yp	Ec	
PSPTO3599	C	+		conserved domain protein	58.5	274						Yp	Ec	
PSPTO3606	C	+		hypothetical protein	47.4	52								
PSPTO3610	C	+		hypothetical protein	47.4	559								
PSPTO3616	C	+		hypothetical protein	45.1	328		Xcc	Xac		Xf			
PSPTO3622	C			hypothetical protein	60.7	112								

PSPTO3623	C			hypothetical protein	60.3	121								
PSPTO3640	C			conserved hypothetical protein	63.1	378	Rs			At				
PSPTO3650	C	+		hypothetical protein	42.3	426								
PSPTO3654	C	+		acetyltransferase, GNAT family	59.3	162								
PSPTO3655	C	+		conserved hypothetical protein	60.7	388	Rs			At				
PSPTO3673	C			hypothetical protein	53.3	40								
PSPTO3682	C	+		conserved hypothetical protein	63.4	375	Rs	Xcc	Xac					
PSPTO3683	C	+		hypothetical protein	54.6	61								
PSPTO3684	C	+		hypothetical protein	54.6	133								
PSPTO3690	C			conserved hypothetical protein	48.7	286			Xac					
PSPTO3693	C			hypothetical protein	60.4	95								
PSPTO3697	C			hypothetical protein	61.4	38								
PSPTO3710	C			acetyltransferase, GNAT family	57.4	184								
PSPTO3728	C			hypothetical protein	56.1	38								
PSPTO3732	C			hypothetical protein	52.3	79								
PSPTO3736	C			conserved hypothetical protein	57	90	Rs			At				
PSPTO3754	C			hypothetical protein	50.7	297								
PSPTO3767	C			hypothetical protein	52.7	86								
PSPTO3775	C	+		hypothetical protein	59.9	94								
PSPTO3776	C	+		hypothetical protein	47.5	148								
PSPTO3780	C	+		glutathionylspermidine synthase family protein	58.2	385		Xcc	Xac	At		Yp	Ec	St
PSPTO3781	C	+		conserved hypothetical protein	61.4	240		Xcc	Xac				Ec	
PSPTO3782	C	+		conserved hypothetical protein	59.3	135	Rs	Xcc	Xac	At			Ec	St
PSPTO3783	C	+		conserved hypothetical protein	59.5	218		Xcc	Xac				Ec	St

PSPTO3785	C	+		rhomboid family protein	58.4	185		Xcc	Xac					
PSPTO3794	C	+		hypothetical protein	53.8	137								
PSPTO3795	C	+		hypothetical protein	50.2	97								
PSPTO3851	C	+		hypothetical protein	58.9	1104								
PSPTO3852	C	+		hypothetical protein	55.2	306								
PSPTO3853	C	+		hypothetical protein	55	299								
PSPTO3865	C	+		conserved hypothetical protein	56.2	398								
PSPTO3866	C	+		hypothetical protein	57.6	177								
PSPTO3868	C	+		hypothetical protein	58	285								
PSPTO3891	C	+		hypothetical protein	59.4	471								
PSPTO3892	C	+		hypothetical protein	60	205								
PSPTO3895	C	+		hypothetical protein	51.9	131								
PSPTO3896	C	+		hypothetical protein	51.2	41								
PSPTO3904	C			hypothetical protein	52	50								
PSPTO3907	C			conserved hypothetical protein	54	250								
PSPTO3927	C	+		hypothetical protein	54.1	221								
PSPTO3931	C	+		hypothetical protein	60.3	47								
PSPTO3934	C	+		tail fiber assembly domain protein	54.7	92	Rs					Yp	Ec	St
PSPTO3938	C	+		hypothetical protein	49.5	122								
PSPTO3942	C	+		hypothetical protein	59.5	200								
PSPTO3944	C	+		hypothetical protein	58.8	225								
PSPTO3945	C	+		hypothetical protein	61.1	66								
PSPTO3946	C	+		hypothetical protein	56.8	155								
PSPTO3947	C	+		hypothetical protein	56.1	85								

PSPTO3948	C	+		hypothetical protein	61.9	127									
PSPTO3961	C	+		hypothetical protein	41.4	66									
PSPTO3962	C	+		hypothetical protein	43.1	34									
PSPTO3965	C	+		hypothetical protein	51.3	517									
PSPTO4003	C	+	+	conserved hypothetical protein	62.9	178									
PSPTO4004	C	+	+	conserved hypothetical protein	63.1	310									
PSPTO4005	C	+	+	hypothetical protein	58.5	142									
PSPTO4007	C	+	+	conserved hypothetical protein	61.9	174									
PSPTO4008	C	+	+	hypothetical protein	59.8	135									
PSPTO4011	C	+	+	hypothetical protein	57.1	94									
PSPTO4012	C	+	+	hypothetical protein	58.6	253									
PSPTO4015	C	+	+	hypothetical protein	55.3	82									
PSPTO4016	C	+	+	hypothetical protein	56.4	68									
PSPTO4017	C	+	+	hypothetical protein	53.8	179									
PSPTO4028	C			hypothetical protein	59.3	41									
PSPTO4035	C	+		hypothetical protein	57.7	208									
PSPTO4040	C	+		conserved domain protein	49.7	122									
PSPTO4042	C	+		conserved hypothetical protein	60.1	132									
PSPTO4043	C	+		hypothetical protein	61.3	200									
PSPTO4044	C	+		hypothetical protein	61.2	194									
PSPTO4045	C	+		hypothetical protein	51.2	99									
PSPTO4047	C	+		hypothetical protein	50.8	120									
PSPTO4048	C	+		conserved hypothetical protein	58.2	83									
PSPTO4049	C	+		conserved hypothetical protein	60.1	132									

PSPTO4050	C	+		hypothetical protein	62.1	250									
PSPTO4051	C	+		hypothetical protein	59.9	191									
PSPTO4052	C	+		hypothetical protein	56.8	288									
PSPTO4053	C	+		hypothetical protein	54.2	32									
PSPTO4054	C	+		hypothetical protein	59.5	270									
PSPTO4055	C	+		hypothetical protein	58.3	64									
PSPTO4056	C	+		hypothetical protein	53.2	195									
PSPTO4066	C	+		conserved domain protein	52.6	97									
PSPTO4069	C	+		hypothetical protein	46.9	54									
PSPTO4070	C	+		conserved hypothetical protein	50.3	145						Yp			
PSPTO4071	C	+		conserved hypothetical protein	57.4	191			Xac						
PSPTO4085	C			hypothetical protein	61.7	54									
PSPTO4086	C			hypothetical protein	61.1	54									
PSPTO4096	C	+	+	conserved domain protein	56.5	46									St
PSPTO4099	C	+	+	hypothetical protein	57.8	49									
PSPTO4102	C	+	+	hypothetical protein	54.9	65									
PSPTO4118	C			hypothetical protein	44.7	38									
PSPTO4150	C			hypothetical protein	56.7	120									
PSPTO4153	C			hypothetical protein	57.3	132									
PSPTO4177	C	+		2-hydroxychromene-2-carboxylate isomerase family protein	58.8	215	Rs	Xcc	Xac	At	Xf				
PSPTO4184	C	+		hypothetical protein	61.1	66									
PSPTO4186	C	+		hypothetical protein	43.5	226									
PSPTO4187	C	+		hypothetical protein	47.8	217									
PSPTO4189	C	+		hypothetical protein	43.4	229									

PSPTO4190	C	+		hypothetical protein	49.5	289								
PSPTO4197	C	+		conserved hypothetical protein	62.6	398				At				
PSPTO4199	C	+		conserved hypothetical protein	63.6	99								
PSPTO4207	C	+		hypothetical protein	61.5	291		Xcc	Xac					
PSPTO4209	C	+		hypothetical protein	58.9	223		Xcc	Xac					
PSPTO4241	C			conserved hypothetical protein	61.5	241				At				
PSPTO4242	C			conserved hypothetical protein	59.3	205				At				
PSPTO4250	C			DNA-binding protein	53.2	378								
PSPTO4261	C	+		isomerase, putative	50.4	232	Rs	Xcc	Xac	At	Xf			
PSPTO4264	C	+		conserved hypothetical protein	55.4	184								
PSPTO4272	C	+		hypothetical protein	47.8	494								
PSPTO4282	C	+		hypothetical protein	55.1	46								
PSPTO4284	C	+		acetyltransferase, GNAT family	60.1	148								
PSPTO4286	C	+		conserved hypothetical protein	57.1	406	Rs							
PSPTO4287	C	+		hypothetical protein	52	336								
PSPTO4311	C			hypothetical protein	53.6	74								
PSPTO4313	C			hypothetical protein	61.4	69								
PSPTO4321	C	+	+	hypothetical protein	55.1	330								
PSPTO4322	C	+	+	hypothetical protein	52.6	606								
PSPTO4323	C	+	+	conserved hypothetical protein	53.2	159								
PSPTO4324	C	+	+	hypothetical protein	54.4	98								
PSPTO4325	C	+	+	hypothetical protein	54.5	502								
PSPTO4326	C	+	+	conserved hypothetical protein	52.4	313			Xac					
PSPTO4327	C	+	+	hypothetical protein	51.4	109								

PSPTO4346	C			hypothetical protein	48.5	114						Yp		St
PSPTO4348	C			hypothetical protein	49.3	161								
PSPTO4364	C			hypothetical protein	57.3	32								
PSPTO4378	C	+		hypothetical protein	52.8	36								
PSPTO4384	C	+		hypothetical protein	56.4	107								
PSPTO4386	C	+		hypothetical protein	52	523								
PSPTO4387	C	+		hypothetical protein	52.1	455								
PSPTO4388	C	+		hypothetical protein	60.3	52								
PSPTO4440	C			hypothetical protein	60.3	42								
PSPTO4520	C	+		methyltransferase domain protein	57.8	783								
PSPTO4525	C	+		hypothetical protein	55.2	55								
PSPTO4529	C	+		hypothetical protein	50.2	162								
PSPTO4532	C	+		hypothetical protein	55.2	102								
PSPTO4542	C			GAF domain protein	55.8	166		Xcc	Xac					
PSPTO4552	C			hypothetical protein	47.2	36								
PSPTO4556	C			conserved domain protein	59.3	559								
PSPTO4570	C	+	+	hypothetical protein	53.5	337								
PSPTO4571	C	+	+	hypothetical protein	52.5	399								
PSPTO4573	C	+	+	hypothetical protein	48.1	36								
PSPTO4574	C	+	+	hypothetical protein	48	370								
PSPTO4591	C	+	+	hypothetical protein	50.3	96								
PSPTO4599	C	+	+	hypothetical protein	58	157								
PSPTO4605	C	+	+	conserved hypothetical protein	54.9	745			Xac				Ec	
PSPTO4606	C	+	+	conserved hypothetical protein	49	132								

PSPTO4607	C	+	+	hypothetical protein	49	819								
PSPTO4609	C	+	+	hypothetical protein	56	81								
PSPTO4614	C	+	+	conserved hypothetical protein	51.7	200								
PSPTO4617	C	+	+	hypothetical protein	51.3	80								
PSPTO4618	C	+	+	hypothetical protein	54.5	107								
PSPTO4620	C	+	+	conserved hypothetical protein	49.2	107								
PSPTO4627	C	+	+	hypothetical protein	48.3	817								
PSPTO4628	C	+	+	hypothetical protein	55.4	68								
PSPTO4629	C	+		hypothetical protein	54.3	35								
PSPTO4649	C			hypothetical protein	49.7	57								
PSPTO4655	C			hypothetical protein	62.1	289								
PSPTO4658	C			conserved domain protein	58.4	329	Rs							
PSPTO4670	C	+		hypothetical protein	54.7	265		Xcc	Xac					
PSPTO4672	C	+		hypothetical protein	57.9	57								
PSPTO4674	C	+		hypothetical protein	51.7	58								
PSPTO4676	C	+		hypothetical protein	56	69								
PSPTO4677	C	+		hypothetical protein	57	213								
PSPTO4688	C		+	hypothetical protein	65.1	147								
PSPTO4716	C	+	+	hypothetical protein	54.7	165								
PSPTO4717	C	+	+	hypothetical protein	59.6	89								
PSPTO4719	C	+	+	hypothetical protein	60	55								
PSPTO4723	C	+	+	conserved hypothetical protein	48.4	102	Rs			At				
PSPTO4733	C	+	+	hypothetical protein	44.9	179								
PSPTO4734	C	+	+	conserved domain protein	58.7	75								

PSPTO4741	C	+	+	hypothetical protein	45	140									
PSPTO4743	C	+	+	hypothetical protein	44	633									
PSPTO4747	C	+	+	hypothetical protein	53	212									
PSPTO4750	C	+	+	hypothetical protein	54.7	159									
PSPTO4752	C	+	+	hypothetical protein	56.1	321									
PSPTO4753	C	+	+	hypothetical protein	56.2	363									
PSPTO4754	C	+	+	hypothetical protein	51.4	281									
PSPTO4756	C	+	+	hypothetical protein	53.8	44									
PSPTO4757	C	+	+	hypothetical protein	55.3	73									
PSPTO4758	C	+	+	hypothetical protein	51.5	44									
PSPTO4761	C	+	+	hypothetical protein	51.4	673							Ec		
PSPTO4762	C	+	+	von Willebrand factor type A domain protein	52.8	224						Yp	Ec		
PSPTO4763	C	+	+	hypothetical protein	55	260							Ec		
PSPTO4766	C	+	+	hypothetical protein	54.6	102									
PSPTO4767	C	+	+	pentapeptide repeat protein	45.4	327									
PSPTO4772	C	+	+	hypothetical protein	50.8	346									
PSPTO4780	C	+	+	hypothetical protein	59.2	179									
PSPTO4783	C	+	+	hypothetical protein	55.8	49									
PSPTO4785	C	+	+	hypothetical protein	51.9	36									
PSPTO4797	C			hypothetical protein	50	72									
PSPTO4801	C			hypothetical protein	45.8	51									
PSPTO4811	C			hypothetical protein	59	39									
PSPTO4815	C			hypothetical protein	51.5	68									
PSPTO4838	C			hypothetical protein	55.1	49									

PSPTO4870	C	+		hypothetical protein	55	211									
PSPTO4871	C	+		hypothetical protein	55	211									
PSPTO4872	C	+		hypothetical protein	57.3	232									
PSPTO4884	C			hypothetical protein	57	768									
PSPTO4902	C			hypothetical protein	55.8	77									
PSPTO4927	C			hypothetical protein	54.3	914									
PSPTO4966	C	+		hypothetical protein	52.9	128									
PSPTO4967	C	+		hypothetical protein	44.4	220									
PSPTO4968	C	+		hypothetical protein	54.6	213									
PSPTO5025	C			hypothetical protein	43.6	123									
PSPTO5026	C			hypothetical protein	55.6	36									
PSPTO5042	C			hypothetical protein	65.2	46									
PSPTO5059	C			hypothetical protein	56.6	189									
PSPTO5073	C			hypothetical protein	49.4	79									
PSPTO5088	C			hypothetical protein	52.5	33									
PSPTO5091	C	+		conserved hypothetical protein	60.1	239	Rs	Xcc	Xac				Ec		
PSPTO5098	C	+		conserved hypothetical protein	63.9	315	Rs	Xcc	Xac		Xf		Ec		
PSPTO5101	C	+		conserved hypothetical protein	59.8	204	Rs	Xcc	Xac				Ec		
PSPTO5108	C	+		conserved hypothetical protein	62.9	151	Rs	Xcc	Xac				Ec		
PSPTO5113	C	+		conserved hypothetical protein	52.6	422								St	
PSPTO5114	C	+		conserved domain protein	53	214									
PSPTO5122	C			hypothetical protein	52.1	32									
PSPTO5124	C			hypothetical protein	56.3	32									
PSPTO5183	C			hypothetical protein	59.7	239									

PSPTO5199	C	+		hypothetical protein	56.8	54									
PSPTO5202	C	+		hypothetical protein	53.1	332									
PSPTO5203	C	+		hypothetical protein	52.6	359						Yp			
PSPTO5205	C	+		hypothetical protein	51.9	77									
PSPTO5206	C	+		EF hand domain protein	45.4	310									
PSPTO5209	C	+		hypothetical protein	45.2	392									
PSPTO5210	C	+		EF hand domain protein	44.3	310									
PSPTO5234	C	+		hypothetical protein	51.8	191									
PSPTO5235	C	+		hypothetical protein	56.5	118									
PSPTO5236	C	+		hypothetical protein	58.6	37									
PSPTO5257	C			hypothetical protein	59	216									
PSPTO5281	C			hypothetical protein	54.3	78									
PSPTO5298	C			hypothetical protein	58.7	63									
PSPTO5331	C			hypothetical protein	53.8	630									
PSPTO5332	C			trypsin domain protein	58.2	510									
PSPTO5345	C	+	+	hypothetical protein	53.8	318									
PSPTO5346	C	+	+	hypothetical protein	60.8	397									
PSPTO5347	C	+	+	hypothetical protein	59.4	83									
PSPTO5348	C	+	+	hypothetical protein	53.3	366									
PSPTO5349	C	+	+	prevent-host-death family protein	54.7	75									
PSPTO5355	C	+	+	hypothetical protein	56.7	161									
PSPTO5364	C	+	+	hypothetical protein	55	100									
PSPTO5365	C	+	+	conserved domain protein	41.5	345									
PSPTO5373	C	+	+	hypothetical protein	39.9	360									

PSPTO5374	C	+	+	conserved hypothetical protein	51.7	107	Rs				Xf	Yp		
PSPTO5384	C	+		conserved hypothetical protein	52.8	113								
PSPTO5385	C	+		hypothetical protein	57.3	245								
PSPTO5386	C	+		hypothetical protein	56.2	35								
PSPTO5392	C	+		hypothetical protein	54.2	75								
PSPTO5410	C			hypothetical protein	63.3	270	Rs							
PSPTO5413	C			EF hand domain protein	49.1	792								
PSPTO5429	C			hypothetical protein	43.9	38								
PSPTO5437	C			hypothetical protein	55.7	227								
PSPTO5442	C	+		hypothetical protein	61.1	119								
PSPTO5446	C	+		hypothetical protein	55.8	40								
PSPTO5447	C	+		conserved hypothetical protein	51.6	142		Xcc	Xac					St
PSPTO5449	C	+		hypothetical protein	61.4	166								
PSPTO5450	C	+		conserved hypothetical protein	59.7	101		Xcc						
PSPTO5455	C	+		conserved hypothetical protein	60.9	258								
PSPTO5456	C	+		hypothetical protein	58.6	309								
PSPTO5458	C	+		conserved hypothetical protein	53.4	158								
PSPTO5459	C			hypothetical protein	50.5	31								
PSPTO5471	C			hypothetical protein	59.6	142								
PSPTO5481	C			hypothetical protein	57.4	1550								
PSPTO5495	C	+		hypothetical protein	53.7	210								
PSPTO5496	C	+		hypothetical protein	52.3	51								
PSPTO5497	C	+		hypothetical protein	52.2	210								
PSPTO5513	C			hypothetical protein	58.4	73								

PSPTO5514	C			conserved domain protein	52.1	103								
PSPTO5531	C			hypothetical protein	61.7	346								
PSPTO5552	C			hypothetical protein	61.8	41								
PSPTO5555	C			hypothetical protein	54.1	77								
PSPTO5565	C			hypothetical protein	51.6	213								
PSPTO5568	C			hypothetical protein	52.4	49								
PSPTO5583	C			Ais protein, putative	52.6	228							Ec	St
PSPTO5592	C			hypothetical protein	53.5	293								
PSPTOA0015	pA	+	+	conserved hypothetical protein	50.5	72								
PSPTOA0022	pA	+	+	hypothetical protein	54.2	193								
PSPTOA0023	pA	+	+	hypothetical protein	65.5	116								
PSPTOA0024	pA	+	+	hypothetical protein	56	125								
PSPTOA0025	pA	+	+	conserved hypothetical protein	56.4	278	Rs						Ec	
PSPTOA0026	pA	+	+	conserved hypothetical protein	52.7	62								
PSPTOA0031	pA	+	+	conserved hypothetical protein	50.6	393	Rs	Xcc				Yp	Ec	
PSPTOA0033	pA	+	+	hypothetical protein	56.1	132								
PSPTOA0038	pA	+	+	hypothetical protein	40.4	61								
PSPTOA0040	pA	+		conserved hypothetical protein	55	177						Yp	Ec	St
PSPTOA0046	pA	+		hypothetical protein	57.5	69								
PSPTOA0057	pA	+		conserved hypothetical protein	57.1	91		Xcc	Xac	At	Xf			
PSPTOA0058	pA	+		conserved hypothetical protein	57.1	66					Xf		Ec	
PSPTOA0061	pA	+		hypothetical protein	56.8	78								
PSPTOA0069	pA			hypothetical protein	51.7	140								
PSPTOA0070	pA			hypothetical protein	59.3	207								

PSPTOB0003	pB	+		conserved hypothetical protein	44.8	157		Xcc				Yp		
PSPTOB0006	pB	+		hypothetical protein	61.9	42								
PSPTOB0012	pB	+		hypothetical protein	56.8	352			Xac					
PSPTOB0015	pB	+		hypothetical protein	50	98								
PSPTOB0016	pB	+		conserved domain protein	57.3	117								
PSPTOB0020	pB	+		hypothetical protein	53.9	315								
PSPTOB0023	pB	+		hypothetical protein	52.5	73								
PSPTOB0027	pB	+		hypothetical protein	57.7	138								
PSPTOB0028	pB	+		hypothetical protein	68.1	91								
PSPTOB0029	pB	+		hypothetical protein	58.7	84								
PSPTOB0030	pB	+		conserved hypothetical protein	57.1	278	Rs						Ec	
PSPTOB0031	pB	+		conserved hypothetical protein	49.5	66								
PSPTOB0033	pB	+		hypothetical protein	48.4	93								
PSPTOB0034	pB	+		hypothetical protein	52.3	114								
PSPTOB0037	pB	+		hypothetical protein	50.7	69								
PSPTOB0044	pB	+		hypothetical protein	37.2	61								
PSPTOB0046	pB	+		conserved hypothetical protein	55.6	177						Yp	Ec	St
PSPTOB0047	pB	+		hypothetical protein	51.3	102								
PSPTOB0053	pB	+		hypothetical protein	55.7	231								
PSPTOB0055	pB	+		hypothetical protein	56.8	81								
PSPTOB0070	pB	+		hypothetical protein	54.1	90								
PSPTOB0072	pB	+		conserved hypothetical protein	59	400								
PSPTOB0073	pB	+		PIN domain protein	57.3	125								
PSPTOB0074	pB	+		conserved hypothetical protein	56.6	66								

The inferred proteomes of eight pathogenic bacteria were searched with the 811 genes unique to DC3000 by using a BLASTP cutoff criterion of $E < 10^{-5}$ which will identify putative homologs as well as paralogous gene family members. Rs = ***Ralstonia solanacearum***, Xac = ***Xanthomonas axonopodis*** pv. ***citri***, Xcc = ***Xanthomonas campestris*** pv. ***campestris***, At = ***Agrobacterium tumefaciens*** (U. Wash seq.), Xf = ***Xylella fastidiosa***, Yp = ***Yersinia pestis*** CO92, St = ***Salmonella typhimurium*** LT2, and Ec = ***Escherichia coli*** O157:H7 EDL933.

[a] Individual unique genes that cluster with one another at a density of at least three genes within a 10-kb region.

[b] Genes or clusters (as defined in [a]) that are present within 20 kb of TTSS components and effectors.

[c] The annotation of some of the genes in the table is based on multiple alignments to a nonredundant amino acid database as well as Hidden Markov Models (HMMs), which identify domains in protein families (Pfams and TIGRFAMs). Additional information on the individual loci and protein families is available in The Institute for Genomic Research Comprehensive Microbial Resource (http://www.tigr.org/tigr-scripts/CMR2/CMRHomePage.spl).