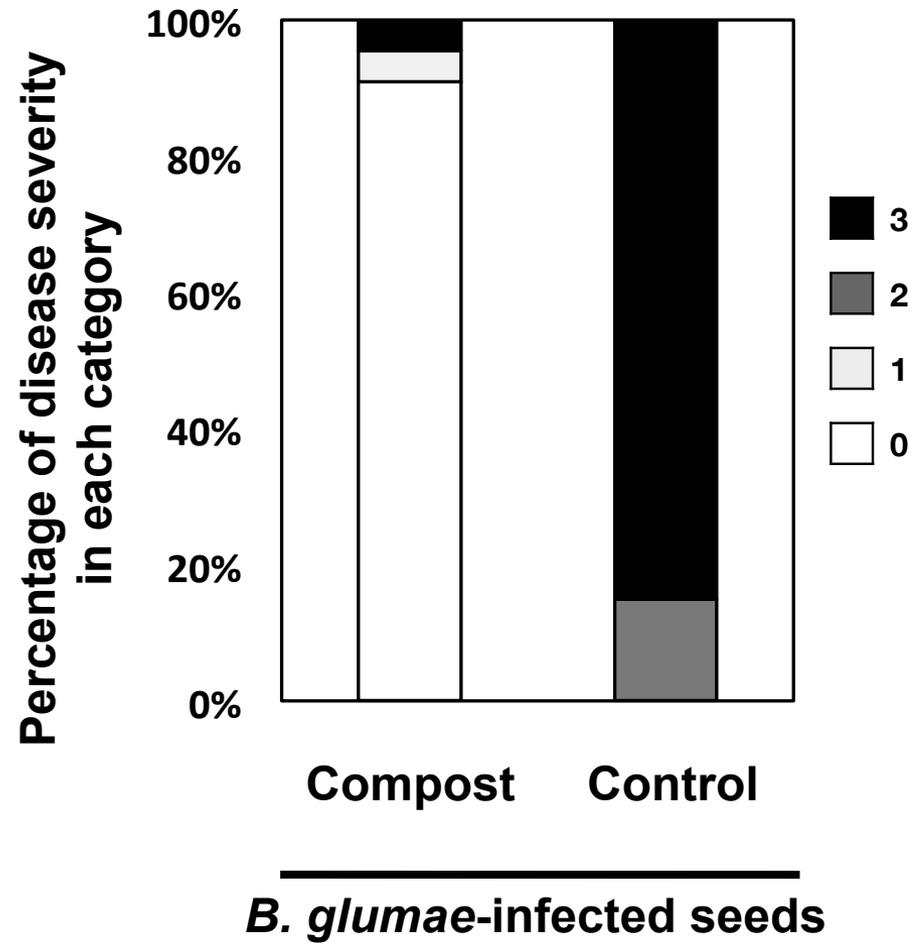


(A)



(B)

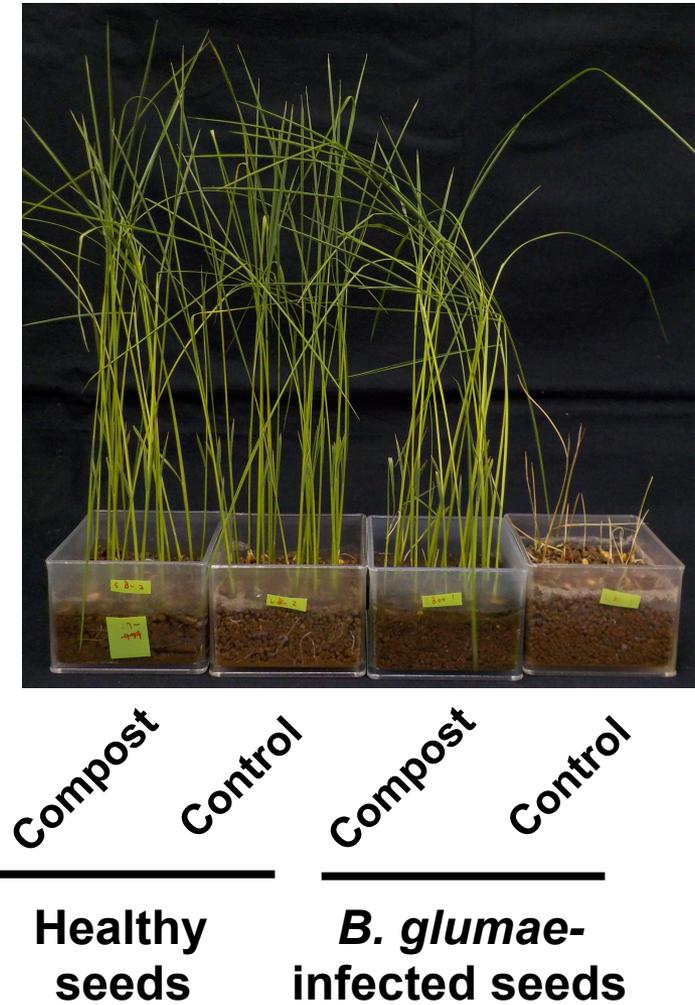


Table S1 Homology search of FLC6 gene products amino acid sequences.

FLC6	RSL2	RefSeq accession	function	e value <sup>a</sup>	RSF1	RefSeq accession	function	e value <sup>a</sup>	Closest hits other than RSL2 and RSF1 <sup>b</sup>	RefSeq accession	function	e value <sup>a</sup>
gp1	YP_009212850.1	YP_009212850.1	hypothetical protein	8.1E-110*	YP_009207805.1	YP_009207805.1	hypothetical protein	1.4E-87				
gp2	YP_009212851.1	YP_009212851.1	hypothetical protein	5.1E-41*	YP_009207806.2	YP_009207806.2	hypothetical protein	4.4E-11				
gp3	YP_009212852.1	YP_009212852.1	hypothetical protein	0*	YP_009207807.1	YP_009207807.1	hypothetical protein	0				
gp4	YP_009212853.1	YP_009212853.1	hypothetical protein	7.1E-94*	YP_009207808.1	YP_009207808.1	hypothetical protein	1.3E-80				
gp5	YP_009212854.1	YP_009212854.1	hypothetical protein	6.5E-56*	YP_009207809.2	YP_009207809.2	hypothetical protein	1.7E-52				
gp6	YP_009212855.1	YP_009212855.1	hypothetical protein	3.8E-47	YP_009207810.1	YP_009207810.1	hypothetical protein	8.5E-52*				
gp7	YP_009212856.1	YP_009212856.1	hypothetical protein	1.4E-41	YP_009207811.2	YP_009207811.2	hypothetical protein	8E-79*				
gp8	YP_009212857.1	YP_009212857.1	hypothetical protein	5.8E-92*	YP_009207812.2	YP_009207812.2	hypothetical protein	2.4E-87				
gp9	YP_009212858.1	YP_009212858.1	hypothetical protein	3.9E-55*	YP_009207813.2	YP_009207813.2	hypothetical protein	3.1E-38				
gp10	YP_009212859.1	YP_009212859.1	hypothetical protein	3E-122	YP_009207814.2	YP_009207814.2	hypothetical protein	1.9E-124*				
gp11	YP_009212860.1	YP_009212860.1	hypothetical protein	0*	YP_009207815.1	YP_009207815.1	hypothetical protein	0*				
gp12	YP_009212861.1	YP_009212861.1	hypothetical protein	0*	YP_009207816.1	YP_009207816.1	hypothetical protein	0				
gp13	YP_009212862.1	YP_009212862.1	hypothetical protein	3.8E-98*	YP_009207817.2	YP_009207817.2	hypothetical protein	5.4E-41				
gp14	YP_009212863.1	YP_009212863.1	hypothetical protein	5.6E-48*	YP_009207818.1	YP_009207818.1	hypothetical protein	6.2E-33				
gp15	no hits				YP_009241388.1	YP_009241388.1	hypothetical protein	3.6E-11*				
gp16	YP_009212864.1	YP_009212864.1	hypothetical protein	2E-75*	YP_009207819.1	YP_009207819.1	hypothetical protein	3.4E-73				
gp17	YP_009212865.1	YP_009212865.1	hypothetical protein	1.7E-35*	YP_009207820.1	YP_009207820.1	hypothetical protein	1.4E-14				
gp18	YP_009212866.1	YP_009212866.1	hypothetical protein	0*	YP_009207821.2	YP_009207821.2	hypothetical protein	0*				
gp19	YP_009212867.1	YP_009212867.1	hypothetical protein	3E-123*	YP_009207822.2	YP_009207822.2	hypothetical protein	4.1E-102				
gp20	YP_009212868.1	YP_009212868.1	hypothetical protein	2.4E-135*	YP_009207824.1	YP_009207824.1	hypothetical protein	1.2E-129				
gp21	YP_009212870.1	YP_009212870.1	hypothetical protein	0*	YP_009207826.1	YP_009207826.1	hypothetical protein	0				
gp22	no hits				YP_009207827.1	YP_009207827.1	hypothetical protein	1.8E-74*				
gp23	no hits				YP_009207828.1	YP_009207828.1	hypothetical protein	5.6E-17*				
gp24	YP_009212871.1	YP_009212871.1	hypothetical protein	6.9E-31*	YP_009207829.1	YP_009207829.1	hypothetical protein	7E-24				
gp25	YP_009212872.1	YP_009212872.1	hypothetical protein	0*	YP_009207830.1	YP_009207830.1	hypothetical protein	0				
gp26	YP_009212873.1	YP_009212873.1	hypothetical protein	0*	YP_009207831.1	YP_009207831.1	putative virion structural protein	0				
gp27	YP_009212874.1	YP_009212874.1	hypothetical protein	0*	YP_009207832.2	YP_009207832.2	putative virion structural protein	0				
gp28	YP_009212875.1	YP_009212875.1	hypothetical protein	0*	YP_009207833.1	YP_009207833.1	hypothetical protein	0				
gp29	YP_009212876.1	YP_009212876.1	hypothetical protein	0*	YP_009207834.2	YP_009207834.2	putative tail sheath	0				
gp30	YP_009212877.1	YP_009212877.1	hypothetical protein	0*	YP_009207835.1	YP_009207835.1	putative major virion structural protein	0				
gp31	YP_009212878.1	YP_009212878.1	hypothetical protein	0*	YP_009207836.1	YP_009207836.1	hypothetical protein	0				
gp32	YP_009212879.1	YP_009212879.1	hypothetical protein	5E-77	YP_009207837.2	YP_009207837.2	hypothetical protein	3.1E-80*				
gp33	YP_009212880.1	YP_009212880.1	hypothetical protein	1.3E-108*	YP_009207838.1	YP_009207838.1	hypothetical protein	1.1E-81				
gp34	YP_009212881.1	YP_009212881.1	hypothetical protein	1.6E-51	YP_009207839.1	YP_009207839.1	hypothetical protein	6E-72*				
gp35	YP_009212882.1	YP_009212882.1	hypothetical protein	0*	YP_009207840.1	YP_009207840.1	putative virion structural protein	7.9E-178				
gp36	YP_009212883.1	YP_009212883.1	hypothetical protein	3E-177*	YP_009207841.1	YP_009207841.1	hypothetical protein	6.4E-169				
gp37	YP_009212884.1	YP_009212884.1	hypothetical protein	0*	YP_009207842.1	YP_009207842.1	hypothetical protein	0				
gp38	YP_009212885.1	YP_009212885.1	hypothetical protein	1.2E-59*	YP_009207843.1	YP_009207843.1	hypothetical protein	1.5E-46				
gp39	YP_009212886.1	YP_009212886.1	hypothetical protein	0*	YP_009207844.1	YP_009207844.1	putative RNA polymerase beta subunit	0				
gp40	YP_009212887.1	YP_009212887.1	hypothetical protein	0*	YP_009207845.2	YP_009207845.2	putative RNA polymerase beta prime subunit	0*				
gp41	YP_009212888.1	YP_009212888.1	hypothetical protein	0*	YP_009207846.2	YP_009207846.2	putative soluble lytic murein transglycosylase	0				
gp42	YP_009212889.1	YP_009212889.1	hypothetical protein	0*	YP_009207847.1	YP_009207847.1	hypothetical protein	0				
gp43	YP_009212890.1	YP_009212890.1	hypothetical protein	0*	YP_009207848.1	YP_009207848.1	hypothetical protein	0				
gp44	YP_009212891.1	YP_009212891.1	hypothetical protein	5E-127*	YP_009207849.2	YP_009207849.2	hypothetical protein	2.4E-113				
gp45	YP_009212892.1	YP_009212892.1	hypothetical protein	9.7E-85*	YP_009207850.2	YP_009207850.2	hypothetical protein	3.3E-66				
gp46	YP_009212893.1	YP_009212893.1	hypothetical protein	1.8E-113*	YP_009207851.2	YP_009207851.2	hypothetical protein	7.9E-78				
gp47	YP_009212894.1	YP_009212894.1	hypothetical protein	4.2E-60	YP_009207852.2	YP_009207852.2	hypothetical protein	1.4E-88*				
gp48	YP_009212895.1	YP_009212895.1	hypothetical protein	0*	YP_009207853.1	YP_009207853.1	hypothetical protein	3.9E-134				
gp49	YP_009212896.1	YP_009212896.1	hypothetical protein	3.5E-97	YP_009207854.1	YP_009207854.1	hypothetical protein	1.1E-73				
gp50	YP_009212897.1	YP_009212897.1	hypothetical protein	9.2E-166*	YP_009207855.2	YP_009207855.2	putative RNA polymerase beta subunit	5.4E-151				
gp51	YP_009212898.1	YP_009212898.1	hypothetical protein	9E-106*	YP_009207856.1	YP_009207856.1	hypothetical protein	7.3E-93				
gp52	YP_009212899.1	YP_009212899.1	hypothetical protein	0*	YP_009207857.2	YP_009207857.2	hypothetical protein	0				
gp53	YP_009212900.1	YP_009212900.1	hypothetical protein	0*	YP_009207858.1	YP_009207858.1	hypothetical protein	0				
gp54	YP_009212901.1	YP_009212901.1	hypothetical protein	5.3E-79*	YP_009207859.2	YP_009207859.2	putative transglycosylase SLT domain protein	1.3E-74				
gp55	no hits				YP_009207860.2	YP_009207860.2	hypothetical protein	2.2E-48*				
gp56	YP_009212903.1	YP_009212903.1	hypothetical protein	0*	YP_009207861.2	YP_009207861.2	putative RNase H	0				
gp57	YP_009212904.1	YP_009212904.1	hypothetical protein	6.2E-41*	no hits							
gp58	YP_009212905.1	YP_009212905.1	hypothetical protein	3.2E-86	YP_009207862.1	YP_009207862.1	hypothetical protein	1.9E-95*				
gp59	YP_009212906.1	YP_009212906.1	hypothetical protein	0*	YP_009207863.1	YP_009207863.1	putative virion structural protein	0				
gp60	YP_009212907.1	YP_009212907.1	hypothetical protein	4.5E-116*	YP_009207864.1	YP_009207864.1	hypothetical protein	6E-100				
gp61	no hits				no hits				WP_066022194.1	MULTISPECIES: hypothetical protein [Clostridium]	7.2E-12*	
gp62	YP_009212909.1	YP_009212909.1	hypothetical protein	2.5E-34*	YP_009207865.2	YP_009207865.2	hypothetical protein	4.4E-34				
gp63	YP_009212910.1	YP_009212910.1	hypothetical protein	0*	YP_009207867.1	YP_009207867.1	putative SbcC-ATPase	0				
gp64	YP_009212911.1	YP_009212911.1	hypothetical protein	0*	YP_009207868.1	YP_009207868.1	hypothetical protein	0				
gp65	no hits				no hits				no hits			
gp66	YP_009212912.1	YP_009212912.1	hypothetical protein	0*	YP_009207869.1	YP_009207869.1	hypothetical protein	0				
gp67	YP_009212913.1	YP_009212913.1	hypothetical protein	0*	YP_009207870.1	YP_009207870.1	hypothetical protein	0				
gp68	YP_009212914.1	YP_009212914.1	hypothetical protein	0*	YP_009207871.1	YP_009207871.1	putative virion structural protein	0				
gp69	no hits				YP_009207872.1	YP_009207872.1	putative GIY-YIG type nuclease	5.4E-142*				
gp70	YP_009212915.1	YP_009212915.1	hypothetical protein	5.4E-78*	YP_009207873.1	YP_009207873.1	putative cupin superfamily protein	4.6E-38				
gp71	YP_009212916.1	YP_009212916.1	hypothetical protein	0	YP_009207874.1	YP_009207874.1	putative Fe-S oxidoreductase	0				
gp72	YP_009212917.1	YP_009212917.1	hypothetical protein	9.8E-132*	YP_009207875.1	YP_009207875.1	hypothetical protein	1.2E-98				
gp73	YP_009212918.1	YP_009212918.1	hypothetical protein	0*	YP_009207876.1	YP_009207876.1	hypothetical protein	0				
gp74	YP_009212919.1	YP_009212919.1	hypothetical protein	0*	YP_009207877.2	YP_009207877.2	hypothetical protein	1.4E-159				
gp75	YP_009212920.1	YP_009212920.1	hypothetical protein	0*	YP_009207878.2	YP_009207878.2	hypothetical protein	1.2E-170				
gp76	YP_009212921.1	YP_009212921.1	hypothetical protein	0*	YP_009207879.1	YP_009207879.1	putative radical SAM superfamily	0				
gp77	YP_009212922.1	YP_009212922.1	hypothetical protein	3.3E-74*	YP_009207881.1	YP_009207881.1	putative dihydrofolate reductase	2.9E-71				
gp78	YP_009212923.1	YP_009212923.1	hypothetical protein	3.1E-29*	YP_009207882.1	YP_009207882.1	putative dihydrofolate reductase	3.4E-25				
gp79	YP_009212924.1	YP_009212924.1	hypothetical protein	0*	YP_009207883.2	YP_009207883.2	putative Fe-S oxidoreductase	0				
gp80	YP_009212925.1	YP_009212925.1	hypothetical protein	4.6E-129*	YP_009207884.1	YP_009207884.1	putative 2OG-Fe(II) oxygenase	3.4E-118				
gp81	YP_009212926.1	YP_009212926.1	hypothetical protein	0*	YP_009207885.2	YP_009207885.2	putative radical SAM superfamily	4.1E-176				
gp82	YP_009212927.1	YP_009212927.1	hypothetical protein	1.5E-116*	YP_009207886.2	YP_009207886.2	putative 2OG-Fe(II) oxygenase	6.7E-77				
gp83	YP_009212928.1	YP_009212928.1	hypothetical protein	6.1E-138*	YP_009207887.1	YP_009207887.1	hypothetical protein	3.4E-114				
gp84	YP_009212929.1	YP_009212929.1	hypothetical protein	2.1E-140*	YP_009207888.1	YP_009207888.1	hypothetical protein	1.4E-119				
gp85	YP_009212930.1	YP_009212930.1	hypothetical protein	2.7E-61	YP_009207889.2	YP_009207889.2	hypothetical protein	7.9E-75*				
gp86	no hits				YP_009207891.1	YP_009207891.1	hypothetical protein	2E-36*				
gp87	YP_009212931.1	YP_009212931.1	hypothetical protein	1.4E-141*	YP_009207892.1	YP_009207892.1	hypothetical protein	7.1E-69				
gp88	YP_009212908.1	YP_009212908.1	hypothetical protein	6.8E-11	YP_009207893.2	YP_009207893.2	putative concanavalin A-like protein	2.7E-85*				
gp89	no hits				no hits				WP_091507288.1	glycosyl hydrolase [Amycolatopsis sacchari]	8.1E-08*	
gp90	YP_009212933.1	YP_009212933.1	hypothetical protein	4E-166*	YP_009207895.1	YP_009207895.1	hypothetical protein	3.2E-162				
gp91												

gp127	YP_009212968.1	hypothetical protein	0 *	YP_009207930.2	putative DnaB helicase	0			
gp128	no hits			no hits			WP_097190676.1	GIY-YIG nuclease family protein [Burkholderia sp. OK806]	3.5.E-08 *
gp129	no hits			no hits			WP_067940946.1	ATP-binding protein [Algoriphagus faecimaris]	1.3.E-30 *
gp130	no hits			no hits			no hits		
gp131	YP_009212970.1	hypothetical protein	1.6E-43 *	YP_009207932.1	hypothetical protein	5.6E-23			
gp132	no hits			YP_009207933.2	hypothetical protein	1.2E-17 *			
gp133	YP_009212971.1	hypothetical protein	1.3E-66 *	YP_009207934.1	hypothetical protein	8.6E-21			
gp134	YP_009212972.1	hypothetical protein	7.8E-44	YP_009207935.1	hypothetical protein	1.8E-64 *			
gp135	YP_009212973.1	hypothetical protein	1.1E-62 *	YP_009207937.2	hypothetical protein	7.8E-48			
gp136	YP_009212974.1	hypothetical protein	2.4E-29 *	YP_009207938.2	hypothetical protein	1.1E-11			
gp137	YP_009212975.1	hypothetical protein	7.3E-30 *	YP_009207939.1	hypothetical protein	1.2E-16			
gp138	YP_009212976.1	hypothetical protein	3.9E-129 *	YP_009207943.1	hypothetical protein	3.2E-115			
gp139	YP_009212978.1	hypothetical protein	0 *	YP_009207944.2	hypothetical protein	8.5E-140			
gp140	YP_009212979.1	hypothetical protein	1.5E-57 *	YP_009207945.1	hypothetical protein	8.4E-22			
gp141	YP_009212980.1	hypothetical protein	7.3E-33 *	YP_009207946.2	hypothetical protein	2E-27			
gp142	YP_009212981.1	hypothetical protein	0 *	YP_009207947.2	hypothetical protein	1.9E-141			
gp143	no hits			YP_009207948.2	hypothetical protein	8.6E-67 *			
gp144	YP_009212982.1	hypothetical protein	0 *	YP_009207949.1	hypothetical protein	0			
gp145	YP_009212983.1	hypothetical protein	2.5E-92 *	YP_009207950.1	hypothetical protein	7.9E-69			
gp146	YP_009212984.1	hypothetical protein	3E-85 *	YP_009207951.1	hypothetical protein	1.5E-74			
gp147	YP_009212985.1	hypothetical protein	1.6E-24 *	YP_009207952.1	hypothetical protein	5.9E-24			
gp148	no hits			no hits			no hits		
gp149	YP_009212986.1	hypothetical protein	1.3E-73 *	YP_009207953.1	hypothetical protein	5.3E-62			
gp150	YP_009212987.1	hypothetical protein	6.2E-100 *	YP_009207954.1	hypothetical protein	5.5E-47			
gp151	YP_009212988.1	hypothetical protein	3.4E-23 *	YP_009207955.1	hypothetical protein	3.6E-17			
gp152	YP_009212989.1	hypothetical protein	7.8E-178 *	YP_009207956.1	hypothetical protein	9.8E-82			
gp153	no hits			no hits			no hits		
gp154	YP_009212990.1	hypothetical protein	1.3E-146 *	YP_009207957.1	hypothetical protein	5.6E-114			
gp155	YP_009212991.1	hypothetical protein	7.1E-48 *	no hits					
gp156	YP_009212992.1	hypothetical protein	2.5E-97 *	YP_009207959.2	hypothetical protein	2E-57			
gp157	YP_009212993.1	hypothetical protein	4.7E-36 *	YP_009207960.1	hypothetical protein	9.6E-10			
gp158	no hits			no hits			no hits		
gp159	YP_009212994.1	hypothetical protein	7.5E-66 *	no hits					
gp160	YP_009212995.1	hypothetical protein	3E-124 *	YP_009207961.1	hypothetical protein	1.1E-103			
gp161	YP_009212996.1	hypothetical protein	1.1E-72 *	YP_009207962.1	hypothetical protein	5.2E-69			
gp162	YP_009212998.1	hypothetical protein	4.9E-111 *	YP_009207964.2	putative haloacid reductase-like hydrolase	1.6E-105			
gp163	no hits			no hits			no hits		
gp164	YP_009212999.1	hypothetical protein	1.2E-105 *	YP_009207965.1	hypothetical protein	1.5E-91			
gp165	YP_009213000.1	hypothetical protein	2.9E-131 *	YP_009207966.2	hypothetical protein	4.6E-118			
gp166	YP_009213001.1	hypothetical protein	4.4E-86 *	YP_009207967.2	hypothetical protein	4.7E-59			
gp167	no hits			no hits			no hits		
gp168	YP_009213002.1	hypothetical protein	0 *	YP_009207968.1	putative thymidylate synthase	0			
gp169	YP_009213003.1	hypothetical protein	3E-46 *	YP_009207969.1	hypothetical protein	2.3E-39			
gp170	no hits			no hits			no hits		
gp171	no hits			no hits			no hits		
gp172	YP_009213004.1	hypothetical protein	0 *	YP_009207970.1	hypothetical protein	0			
gp173	YP_009213005.1	hypothetical protein	3.4E-92 *	YP_009207971.2	hypothetical protein	4.4E-69			
gp174	YP_009213006.1	hypothetical protein	2.2E-129 *	YP_009207972.1	hypothetical protein	1.8E-135 *			
gp175	YP_009213007.1	hypothetical protein	0 *	YP_009207973.2	putative tail fiber protein	0			
gp176	YP_009213007.1	hypothetical protein	1.2E-43	YP_009207973.2	putative tail fiber protein	6.5E-44 *			
gp177	YP_009213008.1	hypothetical protein	0 *	YP_009207974.1	hypothetical protein	0			
gp178	YP_009213009.1	hypothetical protein	1.7E-53 *	YP_009207975.1	hypothetical protein	3.3E-45			
gp179	no hits			no hits			YP_008433367.1	hypothetical protein PaBG_00036 [Pseudomonas phage PaBG]	1.5.E-19 *
gp180	YP_009213011.1	hypothetical protein	1.9E-86 *	YP_009207977.1	hypothetical protein	1.5E-44			
gp181	YP_009213012.1	hypothetical protein	0 *	YP_009207978.1	hypothetical protein	0			
gp182	YP_009213013.1	hypothetical protein	7.6E-122 *	YP_009207979.2	hypothetical protein	2.1E-100			
gp183	YP_009213014.1	hypothetical protein	0 *	YP_009207980.1	putative virion structural protein	0			
gp184	YP_009213015.1	hypothetical protein	0 *	YP_009207981.2	hypothetical protein	0			
gp185	YP_009213016.1	hypothetical protein	1.1E-91 *	no hits					
gp186	YP_009213017.1	hypothetical protein	3.8E-57 *	YP_009207982.2	hypothetical protein	3.9E-09			
gp187	YP_009213018.1	hypothetical protein	0 *	YP_009207983.1	hypothetical protein	0			
gp188	YP_009213019.1	hypothetical protein	0	YP_009207984.1	hypothetical protein	0 *			
gp189	YP_009213020.1	hypothetical protein	1.7E-140 *	YP_009207985.1	hypothetical protein	1.6E-124			
gp190	YP_009213021.1	hypothetical protein	0 *	YP_009207986.1	putative virion structural protein	0			
gp191	YP_009213022.1	hypothetical protein	0 *	YP_009207987.1	hypothetical protein	0			
gp192	YP_009213023.1	hypothetical protein	0 *	YP_009207988.2	putative virion structural protein	8E-139			
gp193	YP_009213024.1	hypothetical protein	0 *	YP_009207989.1	putative virion structural protein	0			
gp194	YP_009213025.1	hypothetical protein	0 *	YP_009207990.1	hypothetical protein	0			
gp195	YP_009213026.1	hypothetical protein	3.5E-108 *	YP_009207991.1	hypothetical protein	4.4E-69			
gp196	YP_009213027.1	hypothetical protein	0 *	YP_009207992.2	hypothetical protein	0			
gp197	YP_009213028.1	hypothetical protein	0 *	YP_009207993.2	hypothetical protein	0			
gp198	YP_009213029.1	hypothetical protein	5.2E-41 *	YP_009207994.1	putative thymidylate kinase	1.5E-37			
gp199	YP_009212850.1	hypothetical protein	6.1E-31	YP_009207995.2	hypothetical protein	1.1E-69 *			
gp200	YP_009213031.1	hypothetical protein	4.6E-162 *	YP_009207996.2	hypothetical protein	1.1E-143			
gp201	YP_009213035.1	hypothetical protein	1.9E-130 *	YP_009207997.1	hypothetical protein	3.9E-125			
gp202	YP_009213036.1	hypothetical protein	7.2E-154 *	YP_009207998.1	hypothetical protein	1.7E-138			
gp203	YP_009213037.1	hypothetical protein	2.3E-83 *	YP_009207999.2	hypothetical protein	1.9E-66			
gp204	YP_009213038.1	hypothetical protein	0 *	YP_009208000.1	hypothetical protein	0			
gp205	YP_009213039.1	hypothetical protein	2.2E-149 *	YP_009208001.1	hypothetical protein	2.4E-92			
gp206	YP_009213040.1	hypothetical protein	0 *	YP_009208002.2	hypothetical protein	0			
gp207	YP_009213041.1	hypothetical protein	0 *	YP_009208003.1	putative RNA polymerase beta prime subunit	0			
gp208	YP_009213042.1	hypothetical protein	3.7E-112 *	YP_009208004.2	hypothetical protein	2.1E-101			
gp209	YP_009213043.1	hypothetical protein	0 *	YP_009208005.1	hypothetical protein	3.4E-97			
gp210	YP_009213044.1	hypothetical protein	1.1E-88 *	YP_009208006.2	hypothetical protein	1.6E-47			
gp211	YP_009213045.1	hypothetical protein	1.3E-59 *	YP_009208007.2	hypothetical protein	1.6E-28			
gp212	no hits			no hits			no hits		
gp213	YP_009213048.1	hypothetical protein	1.2E-65 *	YP_009208009.1	hypothetical protein	1.4E-40			
gp214	no hits			YP_009208010.1	hypothetical protein	2.1E-56 *			
gp215	YP_009213050.1	hypothetical protein	1.2E-116 *	YP_009208012.1	hypothetical protein	1.5E-90			
gp216	YP_009213051.1	hypothetical protein	8.1E-144 *	YP_009208013.2	hypothetical protein	7.2E-127			
gp217	YP_009213052.1	hypothetical protein	5.8E-57 *	YP_009208014.1	hypothetical protein	2.3E-22			
gp218	YP_009213053.1	hypothetical protein	1.6E-58 *	no hits					
gp219	no hits			no hits			no hits		
gp220	YP_009213054.1	hypothetical protein	3.5E-20 *	YP_009208015.1	hypothetical protein	4.4E-16			
gp221	YP_009213055.1	hypothetical protein	0 *	YP_009208016.2	hypothetical protein	0			
gp222	YP_009213056.1	hypothetical protein	4.3E-128 *	YP_009208017.1	hypothetical protein	8.4E-91			
gp223	YP_009213057.1	hypothetical protein	0 *	YP_009208018.2	putative RNA polymerase beta prime subunit	0			
gp224	YP_009213058.1	hypothetical protein	0 *	YP_009208019.2	putative RNA polymerase beta subunit	0			
gp225	YP_009213059.1	hypothetical protein	8.5E-73 *	YP_009208020.1	hypothetical protein	1.3E-63			
gp226	YP_009213060.1	hypothetical protein	0 *	YP_009208021.1	hypothetical protein	0			
gp227	YP_009213061.1	hypothetical protein	0 *	YP_009208022.1	hypothetical protein	0			
gp228	YP_009213062.1	hypothetical protein	0 *	YP_009208023.2	hypothetical protein	0			
gp229	YP_009213063.1	hypothetical protein	8.5E-113 *	YP_009208024.1	hypothetical protein	6.9E-107			
gp230	YP_009213064.1	hypothetical protein	0 *	YP_009208025.2	hypothetical protein	0			
gp231	no hits			no hits			no hits		
gp232	YP_009213065.1	hypothetical protein	2.5E-40	YP_009208026.1	hypothetical protein	8.1E-42 *			
gp233	YP_009213066.1	hypothetical protein	0 *	YP_009208027.2	hypothetical protein	0			
gp234	YP_009213067.1	hypothetical protein	1.3E-159 *	YP_009208028.1	hypothetical protein	5.2E-139			
gp235	YP_009213068.1	hypothetical protein	4.5E-93 *	YP_009208029.2	hypothetical protein	2.5E-59			
gp236	YP_009213069.1	hypothetical protein	1.1E-154 *	YP_009208030.1	hypothetical protein	2.5E-125			
gp237	YP_009213070.1	hypothetical protein	0 *	YP_009208031.2	putative RNA polymerase beta prime subunit	0			
gp238	YP_009213071.1	hypothetical protein	1E-46 *	YP_009208032.2	hypothetical protein	6.3E-09			
gp239	YP_009213072.1	hypothetical protein	0 *	YP_009208033.2	hypothetical protein	0			
gp240	YP_009213073.1	hypothetical protein	0 *	YP_009208034.1	hypothetical protein	0			
gp241	no hits			no hits			no hits		

1) It is shown if the closest hit is neither the gene products of RSL2 nor R