

Table 1 Features of *Bt* strain genomes (chromosome and plasmids)

<i>Bt</i> subspecies/strain	Activity	Total genome length	No. of genes	Chromosome genome length (bps)	Chromosome GC (%)	No. of chromosomal genes	No. of plasmids	Plasmids size (×1000 bp)	No. of tRNAs and rRNAs	Accession number	Reference
Galleriae HD-29	Lep/Col	6,741,233	6904	5,701,188	34.9	5890	10	8423–426,282	115 and 42	CP010089-99	Zhu et al. (2015a)
HS18-1	Lep/Col	6,403,499	6126	5,292,526	35.43	5382	9	7386–509,170	106 and 42	CP012099-108	Li et al. (2015a)
Hailuosis YWC2-8	Dip/Lep active	6,227,942	6253	5,674,369	35.29	5692	6	8512–250,706	94 and 45	CP013055-61	Zhu et al. (2016)
Fitimus (CTC)	S-layer protein production	5,352,926	5565	5,327,397	35.4	5397	1	25,529	93 and 34	CP0130273-274	Dong et al. (2016)
HD521	Col and antifungal	6,190,688	6310	5,429,688	35.28	5538	6	7000–310,000	138 RNA	CP010106-112	Li et al. (2015b)
147	Dip/Lep	6,167,994	6457	5,337,997	34.90	5602	6	6759–357,957	138 RNA	LFXM000000000	Barbosa et al. (2015)
Tenebrionis-44A1	Col active (Cry8Ga)	6,179,896	6574	5,652,292	35.3	6337	6	4845–232,994	98 and 39	SRP041917	Gao et al. (2015)
Israelensis, HD-789	Encoding 7 Cry and 3 Cyt	6,334,630	6626	5,495,278	35.26	5697	6	6824–349,599	121 and 42	CP003763-69	Doggett et al. (2013)
Kurstaki, HD73	Lep	6,600,000	6169	5,646,799	31.4	5892	7	8000–77,000	104 and 36	CP004069-76	Liu et al. (2013)
Thuringiensis-IS5056	Lep	6,800,000	6755	5,491,935	35.4	5617	14	6880–328,151	85 and 39	CP004123-37	Murawska et al. (2013)
407 Cry	Lep	6,134,344	6635	5,500,501	35.4	5714	9	2062–501,911	138 and 42	CP003889-98	Sheppard et al. (2013)
Tolworthi	Lep	6,870,591	7044	5,896,839	–	–	8	7812–437,451	112 and 36	AP014864-72	Kanda et al. (2015)
BR58	Dip/Col active	5,980,291	7227	5,578,174	35	6286	1	402,117	173 RNAs	LIIT000000000	Zorzetti et al. (2015)
KB1	Antibacterial and antifungal	5,748,443	5783	4,594,360	35	5666	ND	Total 1,154,083	117 RNAs	LSNJ010000000	Jeong et al. (2016)
Al Hakam	–	5,310,000	5537	52,600,000	35	4969	1	50,000	104 and 42	CP000485-86	Challacombe et al. (2007)
BMB171	GE model	5,640,000	5760	5,330,000	35.3	5088	1	310,000	102 and 42	CP001903-4	He et al. (2010)
Chinensis CT-43	Lep/Dip	6,150,000	6270	5,486,830	35.38	5596	10	6880–281,231	85 and 39	CP001907.1-17.1.	He et al. (2011)
Finitimus-YBT-020	Crys are adhered to spore	5,682,383	5826	5,355,490	35.3	5477	2	187,880–139,013	107 and 42	CP002508-10	Zhu et al. (2011)
Sichuansis-MC28	Lep/Dip	6,680,000	6557	5,414,461	35.41	5279	7	7826–429,674	75 and 45	CP003687-94	Guan et al. (2012)
Kurstaki HD1	Lep	6,767,044	6928	5,631,672	35.3	5864	13	Combined 1,135,000	95 and 41	CP004870-83	Zhu et al. (2015b)
YBT-1520	Lep	6,580,536	6720	5,602,565	35.3	5830	11	Combined 978	99 and 39	CP004858-69	Zhu et al. (2015b)

Table 1 (continued)

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YBT-1518	Nematicidal	6,672,911	6738	6,002,284	35.4	6025	6	17,706–240,661	94 and 15	CP005935-40	Wang et al. (2014)
Al.Hakam	General	5,676,963	–	–	36	–	6	–	–	CP009645-51	Johnson et al. (2015)
97-27	General	5,312,686	–	–	35	–	1	–	–	CP010087-88	Johnson et al. (2015)
<i>Morrisoni</i> HD 600	Col	6,916,808	–	–	35	–	7	–	–	JTHH000000000	Johnson et al. (2015)
HD-571	General	5,312,179	–	–	35.41	–	1	–	–	CP009599-600	Johnson et al. (2015)
HD-682	General	5,291,389	–	–	35.48	–	3	–	–	CP009717-20	Johnson et al. (2015)
<i>Thuringiensis</i> HD 1002	General	6,572,702	–	–	35	–	7	–	–	CP009344-51	Johnson et al. (2015)
HD1011	General	6,093,375	–	–	35.15	–	4	–	–	CP009332-36	Johnson et al. (2015)
Kurstaki HD 1	Lep	6,859,374	–	–	35	–	14	–	–	CP009998-012	Johnson et al. (2015)
97-27	–	5,314,794	5343	5,237,682	35.36	–	1	–	105 and 41	–	Han et al. (2006)