

Supplementary Table 1. Genome features of *Neobacillus endophyticus* BRMEA1^T and other members of the genus *Neobacillus*

Species	NCBI assembly number	Genome length (bp)	G+C content (%)	No.							
				Contigs	Total genes	Protein-coding genes	Genes (RNA)	rRNAs (5S, 16S, 23S)	tRNA genes	ncRNAs	Pseudogenes
<i>N. endophyticus</i> BRMEA1 ^T	GCF_013248975.1	5,632,809	38.50	3	5,689	5,234	243	17, 17, 17	186	6	212
<i>N. bataviensis</i> LMG 21833 ^T	GCF_000307875.1	5,371,144	39.60	197	5,286	5,130	35	1, 2, 4	23	5	121
<i>N. cucumis</i> DSM 101566 ^T	GCF_016908975.1	6,026,570	38.30	64	5,944	5,610	192	12, 9, 4	156	11	142
<i>N. drentensis</i> NBRC 102427 ^T	GCA_001591445.1	5,159,434	38.70	151	5,050	4,921	39	0, 1, 2	29	7	90
<i>N. fumaroli</i> /NBRC 102428 ^T	GCF_001591485.1	3,294,206	40.40	283	3,327	3,128	60	0, 1, 1	53	5	139
<i>N. jeddahensis</i> JCE ^T	GCF_000612625.1	4,762,944	39.40	149	4,690	4,498	105	4, 1, 1	94	5	87
<i>N. massiliamazoniensis</i> LF1 ^T	GCF_001048695.1	5,600,061	38.10	10	5,377	5,134	129	1, 3, 4	102	5	114
<i>N. mesonae</i> FJAT-13985 ^T	GCF_001636315.1	5,806,292	40.30	2	5,577	5,357	148	13, 12, 13	105	5	72
<i>N. niacin</i> NBRC 15566 ^T	GCF_001591505.1	6,183,708	38.20	109	5,931	5,808	46	1, 1, 1	36	7	77
<i>N. notoginsengisoli</i> JCM 30743 ^T	GCF_003515685.1	4,787,403	43.80	58	4,773	4,594	70	7, 5, 7	70	5	85
<i>N. novalis</i> NBRC 102450 ^T	GCF_001591805.1	5,569,548	39.90	97	5,445	5,297	39	0, 1, 1	32	5	109
<i>N. sedimentimangrovi</i> FJAT-2464 ^T	GCF_010614825.1	3,230,933	37.80	105	3,302	3,077	142	11, 11, 6	109	5	82
<i>N. soli</i> DSM 15604 ^T	GCF_002335815.1	5,579,901	39.70	4	5,469	5,207	140	15, 13, 15	92	5	122
<i>N. thermocopriae</i> SgZ-7 ^T	GCF_010975035.1	3,208,840	37.40	54	3,274	3,025	129	9, 10, 6	99	5	120
<i>N. vireti</i> DSM 15602 ^T	GCF_001026695.1	5,309,094	39.80	27	5,214	5,020	106	6, 4, 1	90	5	88

NCBI, National Center for Biotechnology Information.