Table S1. List of taxa used in molecular analyses along with strain code followed by accession number, collection locality, date, and source of isolation. GenBank accession numbers under each marker; if marker not sequenced indicated by "–". Sequences generated in present study are in bold.

Species, Collection site, date, source of isolation and strain code	16S	*gyr*A	*rpo*B	Reference
Bacillu cereus				
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-5-68	**OP451872**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-2-30	**OP451876**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-2-33	**OP451879**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-5-66	**OP452926**	–	–	This study
Strain HYS02	MF101471	–	–	Unpublished
Malaysia; 09-Oct-2015; isolated from the host beebread; BD2	KY773595	–	–	Unpublished
solated from soil rhizosphere; strain Neha	MF977311	–	–	Unpublished
Bacillu wiedmannii				
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-2-28	**OP451869**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-2-29	**OP451870**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-4-47	**OP451871**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-6-82	**OP451873**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-2-24	**OP451874**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-2-25	**OP451875**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-2-26	**OP451877**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-2-32	**OP451878**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-4-46	**OP451880**	–	–	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-6-81	**OP451881**	–	–	This study
Strain ER6	MT124531	–	–	Unpublished
Japan; 30-Sep-2019; isolated from Homo sapiens; G071	LC515603	–	–	Tanaka et al. (2019)
Bacillus safensis* subsp. *safensis				
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-5-67	**OP452925**	–	**OP435795**	

Indonesia; strain PPK6	MZ734317	–	–	Unpublished
Strain P-NA1-2	MT533923	–	–	Unpublished
Strain IMJ7	MT516334	–	–	Unpublished
Strain Bs5	–	–	JX183162	Branquinho et al. (2012)
Strain Bs19	–	–	JX183175	Branquinho et al. (2012)
Seongsan-ri, Jeju Island, South Korea; Nov-2011; isolated from marine sponge; KCTC 12796BP	–	–	CP018197	Unpublished
Bacillus subtilis				
Ocol Palm Forest, Amazonas, Peru; 23-Feb-2021; isolated from soil forest; Oc-A-10	**OP452854**	**OP435785**	**OP435790**	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-1-16	**OP452856**	**OP435787**	**OP435792**	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-5-62	**OP452857**	**OP435788**	**OP435793**	This study
Tuctilla, Amazonas, Peru; 30-Nov-2020; isolated from compost; Tc-4-42	**OP452858**	**OP435789**	**OP435794**	This study
Morocco; Dec-2019; isolated from Cactus rhizosphere; BMI12	MZ712061	–	–	Unpublished
Morocco; Dec-2019; isolated from Cactus rhizosphere; BMF9	MZ712058	–	–	Unpublished
Morocco; Dec-2019; isolated from Cactus rhizosphere; BM1A	MZ712046	–	–	Unpublished
Manipur, India; 19-Mar-2013; isolated from from fermented bamboo shoot; FB6-3	–	CP032089	–	Unpublished
China; 01-May-2015; isolated from marine sediment; BS155	–	CP029052	–	Unpublished
Assam, Sivasagar, India; 10-Jan-2015; isolated from soil; SR1	–	CP021985	–	Unpublished
Kyiv, Ukraine; 1985; isolated from Hay; UCMB5021	–	–	CP051466	Unpublished
Dushanbe, Tajikistan; 1992; isolated from cotton plant surface sterilized stem; UCMB5121	–	–	CP051465	Unpublished
Bacillus velezensis				
Ocol Palm Forest, Amazonas, Peru; 23-Feb-2021; isolated from soil forest; Oc-E-31	**OP452855**	**OP435786**	**OP435791**	This study
China, Ningxia; host: Wolfberry; HSB1	MT626060	–	–	Unpublished
Strain 2563	MT611594	–	–	Unpublished
Harbin, China; 30-10-2019; isolated from *Populus davidiana* x *Populus alba* var. *pyramidalis*; BY6	–	CP051011	CP051011	Zhang et al. (2021)
Beijing, China; 22-Jun-2017; isolated from carnation; LPL061	–	CP042271	–	Unpublished
South Korea; 20-06-2016; isolated from Ganjang (Korean Soy Sauce); SRCM101368	–	–	CP031694	Bang et al. (2020)

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