Table S1. Values of 16S rRNA, dDDH and ANI observed between different species of *Planotetraspora*.

	16S rRNA (%)					**dDDH (d_4, in %)**					**ANI (%)**				
	Pk	***Pm***	***Pp***	***Ps***	***Pt***	***Pk***	***Pm***	***Pp***	***Ps***	***Pt***	***Pk***	***Pm***	***Pp***	***Ps***	***Pt***
Pk	**100**	99.15	98.73	99.29	98.80	**100**	39.0	49.0	38.9	28.9	**100**	89.60	92.67	89.49	84.47
Pm		**100**	98.27	99.65	98.47		**100**	41.0	62.3	29.0		**100**	90.24	95.25	84.54
Pp			**100**	98.61	98.54			**100**	40.9	29.9			**100**	90.20	84.97
Ps				**100**	98.61				**100**	28.8				**100**	84.53
Pt					**100**					**100**					**100**

Pk, P. kaengkrachanensis; *Pm, P. mira*; *Pp, P. phitsanulokensis*; *Ps, P. silvatica*; *Pt, P. thailandica*

Table S2. Subsystem category distribution of whole genomes of *Planotetraspora* species annotated using RASTtk.

	Number of predicted genes in each species				
Subsystem features (Functional description)	***Pk***	***Pm***	***Pp***	***Ps***	***Pt***
Cofactors, vitamins, prosthetic groups, pigments	172	185	184	179	177
Cell wall and capsule	47	49	50	49	41
Virulence, disease, defense	64	58	62	60	64
Potassium metabolism	13	13	15	10	16
Photosynthesis	0	0	0	0	0
Miscellaneous	40	50	51	46	42
Phages, prophages, transposable elements, plasmids	2	4	3	6	5
Membrane transport	42	37	38	33	39
Iron acquisition and metabolism	9	9	9	10	10
RNA metabolism	62	61	62	61	62
Nucleosides and nucleotides	99	98	98	98	97
Protein metabolism	218	233	227	223	228
Cell division and cell cycle	0	0	0	0	0
Motility and chemotaxis	0	0	0	0	0
Regulation and cell signaling	14	16	15	14	14
Secondary metabolism	4	0	1	3	1
DNA metabolism	91	97	96	88	95
Fatty acids, lipids and isoprenoids	142	127	131	134	132
Nitrogen metabolism	14	17	15	16	17
Dormancy and sporulation	1	1	1	1	1
Respiration	144	146	147	137	158
Stress response	49	47	51	49	50
Metabolism of aromatic compounds	53	51	47	46	37
Amino acids and derivatives	349	345	347	339	329
Sulfur metabolism	10	10	12	9	8
Phosphorus metabolism	33	36	35	34	32
Carbohydrates	329	331	326	334	341
Total number of genes	2001	2021	2024	1979	1996

Pk, P. kaengkrachanensis; *Pm, P. mira*; *Pp, P. phitsanulokensis*; *Ps, P. silvatica*; *Pt, P. thailandica*