Species	Sample No.	115 118 126 130 .	265 270 275
P. takesimensis	K1	A C C A C G A A A A T T G G T T	С <mark>А</mark> Т Т Т <mark>С</mark> А А Т Т Т
P. takesimensis	K2	A C C A C G A A A A T T G G T T	с <mark>а т т т с</mark> а а т т т
P. takesimensis	К3	ACCACGAAAATTGGTT	с <mark>а т т т с</mark> а а т т т
P. takesimensis	К4	ACCACGAAAATTGGTT	C
P. takesimensis	K5	ACCAATTTTCGTGGTT	C A T T T C A A T T T
P. takesimensis	K6	A C C A C G A A A A T T G G T T	C A T T T C A A T T T
P. takesimensis P. takesimensis	К7 К8	А С С А С G А А А А Т Т G G T T А С С А С G А А А А Т Т G G T T	С
P. takesimensis	K9	ACCACGAAAATTGGTT	CATTICAATTI
P. takesimensis	K10	ACCACGAAAATTGGTT	CATTTCAATTT
P. takesimensis	K11	ACCAATTTTCGTGGTT	C A T T T C A A T T T
P. takesimensis	K12	A C C A C G A A A A T T G G T T	С А Т Т Т <mark>С</mark> А А Т Т Т
P. takesimensis	K13	A C C A C G A A A A T T G G T T	с <mark>А Т Т Т С</mark> А А Т Т Т
P. takesimensis	K14	A C C A C G A A A A T T G G T T	с <mark>А Т Т Т С</mark> А А Т Т Т
P. takesimensis	K15	ACCACGAAAATTGGTT	C <mark>A T T T C</mark> A A T T T
P. takesimensis	K16	ACCACGAAAATTGGTT	C <mark>A T T T C</mark> A A T T T
P. takesimensis	K17	ACCAATTTTCGTGGTT	C A T T T C A A T T T
P. takesimensis	K18	ACCAATTTTCGTGGTT	CATTTCAATTT
P. takesimensis	K19	A C C A A T T T T C G T G G T T A C C A C G A A A A T T G G T T	С <mark>А Т Т Т С</mark> А А Т Т Т С А Т Т Т С А А Т Т Т
P. takesimensis P. takesimensis	K20 K21	A C C A C G A A A A T T G G T T A C C A C G A A A A T T G G T T	C
P. takesimensis	K22	ACCACGAAAATTGGTT	CATTTCAATTT
P. takesimensis	K23	ACCACGAAAATTGGTT	CATTTCAATTT
P. takesimensis	K24	ACCACGAAAATTGGTT	CATTTCAATTT
P. takesimensis	K25	ACCACGAAAATTGGTT	CATTTCAATTT
P. takesimensis	K26	АССАС ААААТ Т G G T T	с <mark>А Т Т Т С</mark> А А Т Т Т
P. takesimensis	K27	АССАС ААААТ Т G G T T	с <mark>а т т т с</mark> а а т т т
P. takesimensis	JI	A C C A C G A A A A T T G G T T	с <mark>а т т т с</mark> а а т т т
P. takesimensis	J2	A C C A C G A A A A T T G G T T	C A T T T C A A T T T
P. takesimensis	J3	A C C A C G A A A A T T G G T T	CATTTCAATTT
P. takesimensis	J4	A C C A C G A A A A T T G G T T	C A T T T C A A T T T
P. takesimensis P. takesimensis	J5	A C C A C G A A A A T T G G T T A C C A A T T T T C G T G G T T	C A T T T C A A T T T
P. takesimensis P. takesimensis	J6 J7	A C C A A T T T T C G T G G T T A C C A A T T T T C G T G G T T	C G T T T T A A T T T C G T T T T A A T T T
Tottori Fujita 1gou	K55	ACCACGAAAATTGGTT	CATTTCAATTT
Tottori Fujita 1gou	K56	ACCACGAAAATTGGTT	CATTTCAATTT
Tottori Fujita 1gou	K57	ACCACGAAAATTGGTT	C A T T T C A A T T T
Tottori Fujita 1gou	K58	ACCACGAAAATTGGTT	с <mark>А Т Т Т С</mark> А А Т Т Т
Tottori Fujita 1gou	K59	АССАС ААААТ Т G G T T	с <mark>А Т Т Т С</mark> А А Т Т Т
Tottori Fujita 1gou	K60	ACCACGAAAATTGGTT	с <mark>а т т т с</mark> а а т т т
Tottori Fujita 1gou	J15	ACCACGAAAATTGGTT	с <mark>а т т т с</mark> а а т т т
Tottori Fujita 2gou	K61	ACCACGAAAATTGGTT	C A T T T C A A T T T
Tottori Fujita 2gou	K62	A C C A C G A A A A T T G G T T	CATTTCAATTT
Tottori Fujita 2gou	K63	ACCACGAAAATTGGTT	C A T T T C A A T T T
Tottori Fujita 2gou Tottori Fujita 2gou	K64 K65	А С С А С G А А А А Т Т G G T T А С С А С G А А А А Т Т G G T T	C
Tottori Fujita 2gou	K65	ACCACGAAAATTGGTT	CATTICAATTI
Tottori Fujita 2gou	J16	ACCACGAAAATTGGTT	CATTTCAATTT
Phedimus sp.	K67	ACCACGAAAATTGGTT	C A T T T C A A T T T
Phedimus sp.	K68	ACCAATTTTCGTGGTT	с <mark>А Т Т Т С</mark> А А Т Т Т
Phedimus sp.	K69	ACCACGAAAATTGGTT	C A T T T <mark>C</mark> A A T T T
P. kamtschaticus	K28	A C C A C G A A A A T T G G T T	CATTTTAATTT
P. kamtschaticus	K29	ACCACGAAAATTGGTT	C A T T T T A A T T T
P. kamtschaticus	K30	ACCACGAAAATTGGTT	CATTTTAATTT
P. kamtschaticus	K31	ACCACGAAAATTGGTT	
P. kamtschaticus P. kamtschaticus	K32	A C C A C G A A A A T T G G T T A C C A C G A A A A T T G G T T	CATTTTAATTT
P. kamtschaticus P. kamtschaticus	K33 K34	А С С А С G А А А А Т Т G G T T А С С А С G А А А А Т Т G G T T	С А Т Т Т Т А А Т Т Т С А Т Т Т Т А А Т Т Т
P. kamtschaticus P. kamtschaticus	K35	ACCACGAAAATTGGTT	CATTTTAATTT
P. kamtschaticus	K36	ACCACGAAAATTGGTT	CATTTTAATTT
P. kamtschaticus	K37	ACCACGAAAATTGGTT	CATTTTAATTT
P. kamtschaticus	К38	ACCACGAAAATTGGTT	C A T T T T A A T T T
P. kamtschaticus	K39	A C C A <mark>A T T T T C G</mark> T G G T T	CATTTTAATTT
P. kamtschaticus	K40	A C C A <mark>A T T T T C G</mark> T G G T T	С
P. kamtschaticus	JB	A C C A A T T T T C G T G G T T	CGTTTTAATTT
P. kamtschaticus	19	ACCAATTTTCGTGGTT	CGTTTTAATTT
P. kamtschaticus	K41	A C C A A T T T T C G T G G T T	CGTTTTAATTT
P. aizoon P. aizoon	K42	А С С А С G А А А А Т Т G G T T А С С А С G А А А А Т Т G G T T	C A T T T T A A T T T
P. aizoon P. aizoon	K43 K44	A C C A C G A A A A T T G G T T A C C A A T T T T C G T G G T T	С А Т Т Т Т А А Т Т Т С <mark>Б</mark> Т Т Т А А Т Т Т
P. aizoon P. aizoon	K44 K45	ACCACGAAATTGGTT	CATTTAATTT
P. aizoon	K46	ACCACGAAAATTGGTT	CATTTTAATTT
P. aizoon	K47	ACCACGAAAATTGGTT	CATTTTAATTT
P. aizoon	J10	ACCACGAAAATTGGTT	CATTTAATTT
P. aizoon var. floribundus	K48	ACCAATTTTCGTGGTT	CATTTTAA TTT
P. aizoon var. floribundus	J11	ACCACGAAAATTGGTT	C A T T T T A A T T T
P. aizoon var. floribundus		ACCACGAAAATTGGTT	C A T T T T A A T T T
P. aizoon var. floribundus		A C C A C G A A A A T T G G T T	CATTTAATTT
P. aizoon var. floribundus		A C C A C G A A A A T T G G T T	CATTTTAATTT
P. middendorffianus	K49	A C C A A T T T T C G T G G T T	C A T T T T A A T T T
P. middendorffianus P. middendorffianus	K50	A C C A A T T T T C G T G G T T A C C A A T T T T C G T G G T T	C A T T T T A A T T T
P. middendorffianus P. middendorffianus	K51 K52	A C C A A T T T T C G T G G T T A C C A A T T T T C G T G G T T	C
P. middendorffianus	K52	ACCACGAAATTGGTT	CATTTTAATTT
P. middendorffianus	K54	ACCAATTTCGTGGTT	CATTTAATTT
	and and the		

Supplementary Figure S1. Three types based on nucleotide substitution in *psbA-trn*H sequences of *Phedimus* investigated in the present study including cultivar "Tottori Fujita 1gou" and "Tottori Fujita 2gou".