

Table S1

Haplotype	sequence	soja	landrace	cultivar
H1	ACC666CAACCTTATGCACCCGACCG6CCCCCTCGTTTATA	0/46=0	0/118=0	1/102=0.01
H2	6CT666CAACCAACACGACCCGACCG6CTCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H3	GCT666CAACCAACACGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H4	GCC666CAACCTTATGCACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H5	GCC666CAATCTCATGACCTGACCG6CCCCCTCGTTAAAA	2/46=0.04	0/118=0	0/102=0
H6	GCC666CAACCTTCTGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H7	GCC666CAACCTTATGAACCCGACCG6CCCCCTCGTTTATA	1/46=0.02	0/118=0	0/102=0
H8	GCC666CAACCTTATGCACCCGACCG6CCCCCTCGTTTATA	1/46=0.02	29/118=0.25	22/102=0.22
H9	GCC666CAACCTTATGCACCCGACCG6CCCCCTCGTTAAAA	0/46=0	0/118=0	1/102=0.01
H10	GCC666CAACCTTATGCACCCGACCG6CCCCCTCGTTTATA	0/46=0	4/118=0.03	6/102=0.06
H11	GCC666CAACCTTATGCACCCGACCG6CCCCCTCGTTTATA	0/46=0	3/118=0.03	2/102=0.02
H12	GCC666CAACCTTATGCACCCGACCG6CCCCCTCGTTTATA	0/46=0	7/118=0.06	2/102=0.02
H13	GCC666CAACCTTACGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H14	GCC666CAACCTCATGCGCCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H15	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H16	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H17	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H18	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H19	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H20	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	0/118=0	1/102=0.01
H21	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTAAAA	3/46=0.07	0/118=0	0/102=0
H22	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	1/102=0.01
H23	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H24	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	1/102=0.01
H25	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	2/118=0.02	1/102=0.01
H26	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	1/118=0.01	0/102=0
H27	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H28	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	1/118=0.01	0/102=0
H29	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H30	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	1/102=0.01
H31	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	1/46=0.02	0/118=0	1/102=0.01
H32	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	0/118=0	1/102=0.01
H33	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	1/118=0.01	0/102=0
H34	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H35	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	2/118=0.02	0/102=0
H36	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	2/118=0.02	0/102=0
H37	GCC666CAACCTTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	1/102=0.01
H38	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H39	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H40	GCC666CAACCTCATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H41	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	0/118=0	1/102=0.01
H42	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	0/118=0	1/102=0.01
H43	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H44	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H45	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	0/118=0	1/102=0.01
H46	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	5/46=0.11	0/118=0	0/102=0
H47	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	1/102=0.01
H48	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	2/46=0.04	0/118=0	0/102=0
H49	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	0/46=0	1/118=0.01	0/102=0
H50	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H51	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H52	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H53	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H54	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	1/118=0.01	0/102=0
H55	GCC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H56	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	3/46=0.07	0/118=0	0/102=0
H57	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	3/118=0.03	0/102=0
H58	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	0/46=0	0/118=0	1/102=0.01
H59	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	1/118=0.01	0/102=0
H60	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	1/118=0.01	0/102=0
H61	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	0/118=0	1/102=0.01
H62	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	0/118=0	1/102=0.01
H63	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	1/118=0.01	0/102=0
H64	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H65	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	4/46=0.09	1/118=0.01	0/102=0
H66	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	2/46=0.04	0/118=0	0/102=0
H67	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	0/46=0	1/118=0.01	0/102=0
H68	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	0/46=0	3/118=0.03	0/102=0.03
H69	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTTATA	0/46=0	1/118=0.01	0/102=0
H70	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	0/46=0	1/118=0.01	0/102=0
H71	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	0/46=0	1/118=0.01	0/102=0
H72	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H73	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H74	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	1/46=0.02	0/118=0	0/102=0
H75	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	0/46=0	1/118=0.01	1/102=0.01
H76	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAATA	0/46=0	1/118=0.01	0/102=0
H77	GAC666CAACCTATGACCCGACCG6CCCCCTCGTTAAAA	5/46=0.11	31/118=0.26	42/102=0.41