

Table S4. Indel diversity parameters of the *pe_pgrs* genes sequenced in this study.

	PE_PGRS1	PE_PGRS2	PE_PGRS5	PE_PGRS6	PE_PGRS15	PE_PGRS23	PE_PGRS24	PE_PGRS25	PE_PGRS26
Number of inframe indel events	1	8	8	9	2	3	4	1	12
Average indel length, bp	189	137	18.57	63.7	1.13	289.6	123.5	2.6	850.71
Number of indel haplotypes	2	12	10	11	7	6	8	6	15
Indel haplotype Diversity	0.021	0.695	0.693	0.85	0.203	0.657	0.546	0.257	0.651
Indel diversity per site	0.00001	0.00057	0.00059	0.00089	0.00013	0.00049	0.00036	0.00017	0.00083

	PE_PGRS29	PE_PGRS31	PE_PGRS33	PE_PGRS34	PE_PGRS35	PE_PGRS38	PE_PGRS39	PE_PGRS41	PE_PGRS44
Number of inframe indel events	0	2	10	2	2	10	0	3	5
Average indel length, bp	1	17.25	61.33	6	65	59.1	1	142	39.6
Number of indel haplotypes	2	5	13	3	4	9	2	5	6
Indel haplotype Diversity	0.024	0.478	0.774	0.062	0.084	0.569	0.022	0.132	0.361
Indel diversity per site	0.00002	0.00027	0.00083	0.00004	0.00005	0.00045	0.00002	0.00016	0.00036

	PE_PGRS46	PE_PGRS47	PE_PGRS48	PE_PGRS51	PE_PGRS58	PE_PGRS59	PE_PGRS62	LipY	Wag22
Number of inframe indel events	3	4	2	6	4	5	0	0	3
Average indel length, bp	19.14	42	13.5	102.143	68.25	18	-	1	24
Number of indel haplotypes	8	6	3	7	4	6	-	2	7
Indel haplotype Diversity	0.265	0.311	0.046	0.238	0.085	0.502	-	0.042	0.791
Indel diversity per site	0.00016	0.00019	0.00004	0.00016	0.00006	0.00042	0	0.000003	0.00061