

Table 2 Ka/Ks values for duplication gene pairs of NRL family in rice

Gene I	Gene II	Value of Ka/Ks	Duplication type	Purifying selection
OsNRL22	OsNRL23	0.424 0	Tandem duplication	Yes
OsNRL24	OsNRL25	0.460 2	Tandem duplication	Yes
OsNRL1	OsNRL15	0.546 5	WGD or segmental duplication	Yes
OsNRL4	OsNRL12	0.504 2	WGD or segmental duplication	Yes
OsNRL22	OsNRL24	0.218 9	WGD or segmental duplication	Yes
OsNRL26	OsNRL8	0.107 0	WGD or segmental duplication	Yes
OsNRL27	OsNRL9	0.127 4	WGD or segmental duplication	Yes

Note: Ka: Nonsynonymous substitution rates; Ks: Synonymous substitution rates