

Table 1: Genes for brown planthopper resistance in rice and their reaction to different biotypes across The Globe.

Gene	Variety	author	Reaction to biotype		
			South-Asian	East -Asian	South-East-Asian
BPH1	Mudgo		S	S	S
BPH2	ASD7		S	R/S	R/S
BPH3	RathuHeenati		R	R	R
BPH4	Babawee	Kawaguchi et al (2001)	R	R	R
BPH5	ARC 10550	Khush et al (1985)	R	S	S
BPH6	Swarnalata	Kabir and Khush (1988)	R	S	S
BPH7	T12	Kabir and Khush (1988)	R	S	S
BPH8	Chin Saba	Nemoto et al (1989)	-	R	R
BPH9	Karahamana	Su et al (2006)	-	R	R
BPH10(t)	<i>O. australiensis</i>	Ishii et al (1994)	-	R	R
BPH11(t)	<i>O. officinalis</i>	Hirabayashi et al (1998)	-	-	-
BPH12(t)	<i>O. latifolia</i>	Yang et al (2002)	-	R	-
BPH6, BPH13	<i>O. officinalis</i>	Renganayaki et al (2002)	R	R	R
BPH14	<i>O. officinalis</i>	Yang et al (2004)	-	-	-
BPH15	<i>O. officinalis</i>	Yang et al (2004)	-	R	-
BPH15(t)	<i>O. officinalis</i>	Ren et al (2004)	-	-	-
BPH17(t)	RathuHeenati	Sun et al (2005)	-	R	-
BPH18	<i>O. australiensis</i>	Jena et al (2006)	R	R	R
BPH 19(t)	AS20-1	Chen et al (2006)	-	-	-
BPH20(t) BPH21(t)	<i>O. minuta</i>	Rahman et al (2009)	-	R	-

R = resistant, S = susceptible. - = information not available. (Modified from Braret al.2009).