Table 2: Rice genes associated with partial and complete resistance to blast disease

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| **Chr** | **Gene** | **Marker** | **Donor rice** | **Resistance type** | **Reference** |
| 1 | Pit | SNP | Tjahaja | Complete | Hayashi et al., 2006 |
|  | Pi27(t) | SSR | Q14 | Complete | Sallaud et al., 2006 |
|  | Pitp(t) | SSR | Tetep | Partial | Barman et al., 2004 |
|  | Pi35(t) | SSR | Hokkai 188 | Partial | Nguyen et al., 2006 |
|  | Pi37 | SSR | St.No.1 | Complete | Lin et al., 2007 |
|  | Pi64 | SSR | Yangmaogu | Complete | Ma et al., 2015 |
|  | Pish | RFLP | Shin 2 | Complete | Zhu et al., 2004 |
| 2 | Pid1(t) | SSR | Digu | Complete | Chen et al., 2004 |
|  | Pig(t) | SSR | Guangchangzhan | Complete | Shi et al., 2012 |
|  | Pitq5 | RFLP | Teqing | Complete | Zhou et al., 2004 |
|  | Pib | SNP | Tohoku, IL9, Koshiihikari | Complete | Hayashi et al., 2006 |
|  | Pi14(t) | Isozyme | Maowang | Complete | Tabien et al., 2000 |
|  | Pi16(t) | Isozyme | AUS373, Maowamg | Complete | Pan et al., 1996 |
| 3 | Pi66(t) | SSR | AS201 | Partial | Liang et al., 2016 |
| 4 | Pi21 | STS | Owarihatamochi | Partial | Pan et al., 1998 |
|  | Pi5(t) | RFLP | RIL29 (Morobere kan) | Complete | Wang et al., 1994 |
| 5 | Pi10 | InDel | Tongil | Complete | Wu et al., 2005 |
| 6 | Pi26 | RFLP | Gumei 2 | Complete | Ahn et al., 1996 |
|  | Piz-5 | STS | Tadukan | Complete | Deng et al., 2006 |
|  | Piz | InDel | Zenith | Complete | Hayashi et al., 2006 |
|  | Piz-t | InDel | Toride 1 | Complete | Deng et al., 2006 |
|  | Pi9 | STS | 75-1-127 (101141) | Complete | Qu et al., 2006; |
|  | Pid2 | CAPS | Digu | Complete | Chen et al., 2006 |
|  | Pitq1 | RFLP | Teqing | Complete | Zhou et al., 2004 |
|  | Pi8 | Isozyme | Kasalath | Complete | Tabien et al., 2000 |
|  | Pi13(t) | Isozyme | Mawong | Complete | Pan et al., 1996 |
|  | Pi2(t) | RFLP | Cultivar 5173 | Complete | Yu et al., 1991; |
|  | Pi50(t) | SSR | Jefferson | Complete | Zhu et al., 2012 |
| 8 | Pi33 | SSR | IR64, Bala | Complete | Pan et al., 1995 |
|  | Pizh/Pi11(t) | RFLP | Zhaiyeqing | Complete | Berruyer et al., 2003 |
| 9 | Pi5(t) | CAPS | RIL125, RIL249, RIL260 (Moroberekan) | Complete | Mackill and Bonman, 1992 |
| 11 | Pia | CAPS | Aichi Asahi | Complete | Zenbayashi et al., 2002 |
|  | PiCO39(t) | CAPS | CO39 | Complete | Kwon et al., 2008 |
|  | Pilm2 | RFLP | Lemont | Complete | Zhou et al., 2004 |
|  | Pi7(t) | RFLP | RIL29 (Moroberekan) | Complete | Wang et al., 1994 |
|  | Pikm | InDel SSR | Tsuyake | Complete | Sun et al., 2013; Li et al., 2007 |
|  | Pik | InDel | Kusabue | Complete | Hayashi et al., 2006 |
|  | Pik-p | SNP | HR22 | Complete | Hayashi et al., 2006 |
|  | Pik-s | SSR | Shin 2 | Complete | Fjellstrom et al., 2006 |
|  | Pi47 | SSR | XZ3150 × CO39 | Complete | Ahn et al., 2000 |
|  | Pi60(t) | InDel | 93-11 | Complete | Huang et al., 2006 |
|  | Pi-jnw1 | SSR;InDel | Jiangnanwan | Complete | Wang et al., 2016 |
| 12 | Pi24 | RGA | Zhong 156 | Complete | Zhuang et al., 2002; |
|  | Pitq6 | RFLP | Teqing | Complete | Zhu et al., 2000 |
|  | Pi6(t) | RFLP | Apura | Complete | Yu et al., 1991 |
|  | Pita | SNP;RAPD | Taducan; Yashiro-mochi | Complete | Hayashi et al., 1998 |
|  | Pi20(t) | SSR | IR24 | Complete | Liu et al., 2007 |
|  | Pita-2 | SNP | Shimokita | Complete | Hyashi et al., 1998 |
|  | Pi48 | SSR | XZ3150 × CO39 | Complete | Ahn et al., 2000 |
|  | Pi61(t) | InDel | 93-11 | Complete | Huang et al., 2011 |