























The following represents a fingerprint of QTLs in genomic backgrounds used as QTL Deployment recipients.

In general, QTL Deployment products will represent pyramids of the deployed gene and genes already present in the recipient background.

For example, *xa13* deployed into IRR1 154 is a pyramid with *Xa4* and *xa5*, as well as *Pita* for blast resistance, the TKM6 allele of *TSV1* for tungro virus resistance and *STV11* for rice stripe virus resistance.

Trait category	Trait	QTL	NSIC-Rc222 (IRRI 154)
Abiotic stress	Anaerobic germin	AG1	[-]
Abiotic stress	Anaerobic germin	AG3	[-]
Abiotic stress	Salinity (seedling	Sal1	[+]-Aus
Abiotic stress	Salinity (seedling	qNa1L	[-]
Abiotic stress	Drount (reproduc	DTY1.1	[-]
Abiotic stress	Drount (reproduc	DTY2.2	[-]
Abiotic stress	Drount (reproduc	DTY3.1	[-]
Abiotic stress	Drount (reproduc	DTY3.2	[+]-IR64
Abiotic stress	Drount (reproduc	DTY4.1	[-]
Abiotic stress	Drount (reproduc	DTY12.1	[-]
Abiotic stress	Cold	COLD1	[-]
Abiotic stress	Cold	LTG1	[+]
Abiotic stress	Cold	qSCT1	[+]
Abiotic stress	Heat (reproducti	HTSF4.1	[+]
Abiotic stress	Submergence (v	Sub1	[-]
Disease resistan	Blast	pi21	[-]
Disease resistan	Blast	PI35(t)	[-]
Disease resistan	Blast	PI9	[-]
Disease resistan	Blast	PIk-h	[-]
Disease resistan	Blast	PIk-m	[-]
Disease resistan	Blast	PI54	[-]
Disease resistan	Blast	PI-1a	[+]
Disease resistan	Blast	PI33	[-]
Disease resistan	Blast	Bsr-d1	[-]
Disease resistan	Blast (panicle)	Pb1	?
Disease resistan	Bacterial blight	Xa4	[+]
Disease resistan	Bacterial blight	xa5	[+]
Disease resistan	Bacterial blight	Xa7	[-]
Disease resistan	Bacterial blight	xa13	[-]
Disease resistan	Bacterial blight	Xa21	[-]
Disease resistan	Bacterial blight	Xa23	[-]
Disease resistan	Bacterial blight	Xa26	[+]
Disease resistan	Bacterial blight	Sweet13	[-]
Disease resistan	Bacterial blight	Sweet14	[-]
Disease resistan	Rice Yellow Mott	RYMV1	[-]
Disease resistan	Rice Yellow Mott	RYMV2	[-]
Disease resistan	Rice Yellow Mott	RYMV3	[-]
Disease resistan	Rice Stripe Virus	STV11	[+]
Disease resistan	Tungro Virus	TSV1	[+]-TKM6
Disease resistan	Tungro Virus	TBV1	[-]
Disease resistan	Brown planthopp	BPH3	[+]
Disease resistan	Brown planthopp	BPH17	[-]
Disease resistan	Brown planthopp	BPH9-9	[-]
Disease resistan	Brown planthopp	Gm4	[-]
Grain quality	Chalk	Chalk5	[+]-Type 5,6,7
Grain quality	Chalk	PGWC8-2	[-]
Grain quality	Eating quality	GT	[-]-Hap2
Grain quality	Eating quality	frg-1	[-]
Grain quality	Eating quality	Waxy	Wx(a)-Rc222
Grain quality	Zn content (grain	NAS3	[-]
Grain quality	Storage life	LOX3	[-]
Grain quality	Grain shape	GS3	[+]-Large grain
Heading date	Photoperiodicity	Hd1	[+]-Rc222 Photoperiod-insensitive
Heading date	Heading date	Hd9	[+]-Intermediate maturity: IR64
Heading date	Heading date	DTH8	[+]
Heading date	Heading date	Ghd7-0	[-]-Hap2
Yield potential	Architecture	DEP1	[-]
Yield potential	Architecture	SCM2	[+]
Yield potential	Yield potential	NAL1	[-]
Yield potential	Grain size	GW5/SW5	[-]
Yield potential	Grain size	TGW6	[-]
Yield potential	Grain number	Gn1a	[+]-Swarna
Yield potential	Yield potential	Ghd7-4	[-]-Hap2
Yield potential	Yield potential	WFP	[-]
Yield potential	Herbicide toleran	His1	[+]
Hybrid rice	Sterility factors	tms5	[-]

























