

A 31-bp indel localised in the 5' untranslated region of *OsSUT3* affects the gene expression and rice (*Oryza sativa* L.) pollen development

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Electronic Supplementary Material (ESM)

The authors are fully responsible for both the content and the formal aspects of the electronic supplementary material. No editorial adjustments were made.

Table S1. Materials used in this study

Type	Material name				
Wide rice (58)					
Insertion (46)	lao1-2	lao1-3	lao1-4	lao1-5	lao1-6
	lao2-1	lao2-3	lao2-4	lao2-5	laoW13111
	laoW13112	laoW131120	laoW131123	laoW13114	laoW13115
	laoW13116	laoW13117	laoW13119	laoW131416	laoW131419
	WXS-94	WXS-2	mian1-1	mian1-2	mian1-4
	mian1-5	mian1-6	Mm2-10	Mm2-8	MYG-156000
	MYG-156064	MYG-18	MYG-5	Nepal-1	Nepal-3
	Nepal-4	yuanjiang-1	yuanjiang-10	yuanjiang-2	yuanjiang-3
	yuanjiang-4	yuanjiang-5	yuanjiang-6	yuanjiang-8	yuanjiang-9
luoxincun-2					
Deletion (12)	lao2-2	lao3-1	laoW13118	laoW131121	laoW131122
	laoW131417	mian1-3	Mm2-6	Mm2-7	Nepal-2
	luoxincun-3	yuanjiang-11			
Landraces varieties (154)					
Insertion (134)	74-35	achuche	aigangu	aijiaonuo	anlaogu
	babaogu	wendao	baihangu	baimaxian	baichangmao
	baihuashan	baiyinu	bendihangu	bihonggu	changguinuomi
	chengjianghonggu	chengganxiang	chixiangbaigu	chibanggu	dabaipinu
	dahongka	dahuangnuo	dalaokahonggu	damazhagu	dawuju
	daxiangnuo	dayingnuo	dengling	egepu	egetixia
	ekaoguo	emubao	fuhahani	furuixiaolihonggu	gaoshanmazhan
	guanshangu	hainannuo	hangu	digu	hanlingshuigu
	haomuhuanggu	haoshanxiaobaigu	haoxiangban	heihuagu	heimaxiang
	hongganhe	honggu	hongjiaoqi	hongjulaopigu	hongkegu
	hongkenuo	hongmasu	hongmazhagu	hongmimagu	hongxinnuo
	huangpinuo	huangzhalagu	jijiaoma	jinsinu	kaoanmoya
	kaomeilanzao	kaomengtong	lancanghongruanmi	laolaihong	laoluomengban
	laoshuya	ledongxiangmi	lingshuima	liantangwanxiang	honggannuo
	luanjiaogu	luogemaqian	lvyuxiang	maendalaqili	maqiang
	malugu	matiang	mangzhonggu	maoshigu	menglai
	molixiangxian	nankang	nanpagu	nansannuo	heishannuomi
	paozhugu	ruang	shuiqigu	shuizagu	taitexiang
	tengchongxihongruan	Chilsungbyeo	Dasanbyeo	H513	Hwayqngbyeo
	lksan435	PyinOOLwi-6	Yeangeogbyeo	baihaigu	baijiaolaojing
	bainaqian	chahuagu	ebendian	ebule	eguailai
	yongninghongnuo	guangtoug	honganlao	hongjiaoxiangjing	jianshuihongkedao
	hongpinuo	huanuo	huangkenuo	jinzezaodao	kaogu
	laobagu	laolaihuang	lingshuigu	lushangu	lvbanggu
	maxiang	hongkezhong	chihonggu	sanganhuang	aihonggu
	luhuabai	yingwugu	yinghonggu	huganhong	sanlicun
	zhuyunnuo	linludao	tieganhong	aihuangdao	
Deletion (20)	xiaohongbaigu	langcangdabaigu	beizigu	yuxizigu	zimi1
	yingbozinangao	menglianxiaohonggu	luzigu	daxianggu	zimi2
	kaomo	zhushinu	niubagu	yunlu26	liandaogu
	huanggunuo	hongyingdao	dahonggu	ganzhagu	baiyingdao
Improved variety (348)					
Insertion (333)	93-11	06EZ11	08dongfanUS-19	08dongfanUS-27	08dongfanUS-30
	dongfanUS-31	dongfanUS-38	08dongfanUS-7	08dongfanUS-8	2012mian-5
	92-02	aijiaonante	baixiang139	baixiangyou005	balila
	banna18	banna21	baoxie123B	Basmati1	baxiludao
	BO2770-MR-2-8	boIlyou3050	boIlyou619	boIlyoutaizhan	boIlyouzhensimiao
	changnongjing3	changyuhuaazhan	changyousimiao	chaoyangyiB	chuanyou5715
	chuanyou712	chunjiang051	chuxiang1	CT15671-15-4-2-2-2-M	CT15672-2-2-4-1-1-M

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Table S1 to be continued.

Type	Material name					
Improved variety (348)	CT15679-17-1-2-1-2-M	CT15691-4-5-2-2-1-M	CYyou228	dianhong151	dianjingyou1	
	dianlong201-6	diannongR-3	dianrui408	diantun502	dianxiangzi1	
	dianyanlu1	dongfengyou208	dongye1	enuo9	erquai1	
	ezhong4	fan15	feizhouzaipeidao	fengaizhan1	fengaizhanyi	
	fengdao17	fengdao18	fengshunyou1	fengtianyou1999	FR-46	
	fu347	fudao88	fuyiB	G03-173	ganwanxian30	
	ganwanxian37	ganzaoxian26	ganzaoxian37	gaofengyou689	guang8you1205	
	guang8you5335	guang8yousimiao	guanghui128	guanghui998	guangjiuyou	
	guanglingxiangjing	guangluai4	guangnanqingxiang	gui168	gui689	
	gui99	guichao13	guichao2	guixiangzhan	guyou3207	
	ha12115	hainonghong1	hejing6	hengfenghesimiao	hengfengyou5511	
	hexi22-2	hexi34	hexi39	hexi4	hexi41	
	hongyang6	huai276	huai68	huai9836	huai9862	
	huaidao11	huaidao9	huajing4	huanghuazhan	huangxinzhan	
	huchang1	IR22	IR26	IR42028-50-2-1-3-2-2	IR55419-04	
	IR60080-46A	IR62	IR70	IR70175-22-1-1-2-2	IR71137-184-3-2-3-3	
	IR72860-107-3-1-2	IR72876-62-2-2-2	IR77298-14-1-2-10	IR78937-B-3-B-B-2	IR81422-B-B-15-4	
	IR81528-15-3-3	IR82195-33-1-1	IR82197-19-2-3	IR82228-12-2-1-2	IR82228-12-2-2	
	IR82310-B-B-67-2	IR82589-B-B-2-3	IR82590-B-B-102-4	IR82635-B-B-82-2	IR82639-B-B-118-3	
	IR82737-B-B-B-182	IR83384-B-B-102-3	IR83747-B-B-81-1	IR83748-B-B-15-4	IR83749-B-B-65-1	
	IR83750-B-B-131-1	IR83750-B-B-30-3	IR84135-11-6-B-B	IR84984-27-1	IR86754-B-B-46-4	
	Insertion (333)	IRAT109	IRAT112	IRAT256	jianjing3	jianjing6
		jianjing7	jiashao1	jiaxing8	jiayu143	jiayu253
		jin03-12	jingchuyou867	jingzhan1	jinnanteB	jintaiyou32
		jinyou948	jinzao47	jiuliangyou259	KMP34	kunS
		lehui188	liangyou866	lianjiaying1	lianjing4	lijing11
		lijing13	lijing2	lijing314	lijing6	lijing9
		lingheyu88	lingxiang1you211	liyuanzhan1	liyuanzhan2	longdao16
		longdao1607	longdao18	longdao20	longdao24	longdao5
		longliangyou143	longsimiao	longwu1	luochuan27	luochuan9
		Milyang170	ming1youmingzhan	minghui63	minghui86	miyang20
		miye1	nan29	nanjing44	nanjing5055	nayou6478
		ning4009	pannong1hao	pinghui6003	pinghui7019	qi1you128
		qi1you759	qianhui35	qingnongai	qingsiai16B	qu5
R03138		R102	R107	R2098	R2172	
R253		R458	R893	RG-01	RG-02	
RG-04		RG-05	ribenqing	rongyou1847	rongyouhuazhan	
S1035		saiwanxian1	shen9you55	shennong5you28	shuiyuan287	
shuyou1279		su05-zhongjian3	suixiangyou963	sujing89	suxiangjing1	
suxiangjing2		taibai8	taiguosimiao	tainan11	taiyou2806	
tefengzhan2		teqing	teyou131	teyou382	teyou5511	
teyou6788		teyou889	teyou9301	tianjiayou1321	tianza57	
tianza58		TR691	TW1	U8you528	US-34	
VANDANA		wen340	wendao21	wendao8	wenjian12	
wenshan-2		wenshan79	wujing15	wuxiangjing14	wuxiangjing9	
wuxiangyi		wuyu28	wuyujing18	wuyunjing19	wuyunjing20	
X-87		xfm	xiangwanxian13	xiangyouxinhuazhan	xiangzaoxian24	
xiangzaoxian27		xiangzaoxian4	xianyouguixiangzhan	xiaomizhan	xida5you16	
xindao1		xingxing2	xinqiang01S	xiu5	xudao3	
xudao4		yandao8	yanfeng47	yangdao4	yangdao4038	
yangfujing8		yangfuxian2	yangfuxian9850	yangjing186	yangjing5171	
yanjing218		yanjing30237	yingyouzao1	yingyouzao2	yiyou811	
Yliangyou2098		yongxian69	youxianglongsimiao	yuefengzhan	yuetaiB	

Table S1 to be continued.

Type	Material name				
Improved variety (348)					
Insertion (333)	yuexiangzhan	yuhaoyou609	yuhongdao5815	yunjing26	yunjing37
	yunjing41	yunkang02	yunkang08	yunkang09	yunkang10
	yunlu52	yuxiang3	yuxiangzhan	yuxiao3	yuyou965
	Z03-422	Z03-423	zaofengA×huazhan	ZenithCI7787	zhai1
	zhan04-5977	zhanjing7	zhaoxiangsimiao	zhe101	zhefu001
	zhendao88	zhendao99	zhenhui084	zhenong34	zhongguoye5112
	zhongkexilu2	ziliangyou737	ziliangyou894		
Deletion (15)	yunkang01	yunkang06	IR81537-30-3-3-2	R67	yunlu28
	yunkang04	yunkang07	dongfanUS-21	diankunxiang1hao	yunlu54
	yunlu04	yunlu56	dongfanUS-25	IRAT359	US-31

Table S2. Primer sequences used in this study

Reactions	Primers	Sequence (5'-3') ^a
RT-qPCR	<i>OsSUT1</i> q-F	CTGTGATTTTCCTGTCCCTG
	<i>OsSUT1</i> q-R	AACACTGCTAGTGGACCAGT
	<i>OsSUT2</i> q-F	AGGAGGAGAGGTCACCGATAA
	<i>OsSUT2</i> q-R	CCAACATCCAATGTACAACAGCA
	<i>OsSUT3</i> q-F	ATCCACCAATGACTGGCACA
	<i>OsSUT3</i> q-R	CCCACCTCCCTCGCAAA
	<i>OsSUT4</i> q-F	TTTGGCTGAGCAGAACACCA
	<i>OsSUT4</i> q-R	ATGTCATTCGGGCAGAGCTT
	<i>OsSUT5</i> q-F	CTAGTGCGAAACTCCATCAAA
	<i>OsSUT5</i> q-R	AAAATATTTGGGTTCCTGAGAT
	<i>β-actin</i> F	ATCCTTGTATGCTAGCGGTCTGA
	<i>β-actin</i> R	ATCCAACCGGAGGATAGCATG
Indel detection	P1-F	TGCCGACCAGTTAGGTGC
	P1-R	TAGCAAACAGGCAGCATAAGAG
5' RACE	GSP1	AGGAGTAGCCAAGGATGTT/ATGCCGACCTGACAAAT
	GSP2	CACCGCCGTCGAGCTCCATGT
	GSP3	GGCCATCGATCAATGGATCAAATATCCTA
Vector construction	ProUTR-F	CAGT <u>GGTCT</u> CATAGATGCCGACCAGTTAGGTGCAT
	ProUTR-R	CAGT <u>GGTCT</u> CAGTTGAGCAAACAGGCAGCATAAGA
<i>GUS</i> expression	<i>GUS</i> -F	GACGAACAAGTCTGTACC
	<i>GUS</i> -R	TGTAGCCGAAATCTGGAA
	<i>GUS</i> q-F	ATCCTCTGGGAACCACTGAACC
	<i>GUS</i> q-R	CATCACATTGCTCGCTTCGTTA

^aUnderlined letters represent the sites recognized by *Eco31I* (*BsaI*)

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93-11	GTGCTTTGCATTATTGTGTGAGCTCACAATAATTGACACAGGATCGATTGACACTGATTTCACCTGTAATAATTTCTATTCTCAAAATTTGATTGTAATATGTCAGTACCCGAA	120
PN1H	GTGCTTTGCATTATTGTGTGAGCTCACAATAATTGACACAGGATCGATTGACACTGATTTCACCTGTAATAATTTCTATTCTCAAAATTTGATTGTAATATGTCAGTACCCGAA	120
Nipponbare	GTGCTTTGCATTATTGTGTGAGCTCACAATAATTGACACAGGATCGATTGACACTGATTTCACCTGTAATAATTTCTATTCTCAAAATTTGATTGTAATATGTCAGTACCCGAA	120
YXZG	GTGCTTTGCATTATTGTGTGAGCTCACAATAATTGACACAGGATCGATTGACACTGATTTCACCTGTAATAATTTCTATTCTCAAAATTTGATTGTAATATGTCAGTACCCGAA	120
NBG	GTGCTTTGCATTATTGTGTGAGCTCACAATAATTGACACAGGATCGATTGACACTGATTTCACCTGTAATAATTTCTATTCTCAAAATTTGATTGTAATATGTCAGTACCCGAA	120
DXG	GTGCTTTGCATTATTGTGTGAGCTCACAATAATTGACACAGGATCGATTGACACTGATTTCACCTGTAATAATTTCTATTCTCAAAATTTGATTGTAATATGTCAGTACCCGAA	120
93-11	CCTGCATGTCACCTAGCTAGCATATATATTGTGCTTATTTATTTAAATTTTGAAAAAAGTAGGGAATAGTAGTGA AAAACAGAGAAA CAATGGATGGCGCTAGGAAAAACCGGTTTTTTA	240
PN1H	CCTGCATGTCACCTAGCTAGCATATATATTGTGCTTATTTATTTAAATTTTGAAAAAAGTAGGGAATAGTAGTGA AAAACAGAGAAA CAATGGATGGCGCTAGGAAAAACCGGTTTTTTA	240
Nipponbare	CCTGCATGTCACCTAGCTAGCATATATATTGTGCTTATTTATTTAAATTTTGAAAAAAGTAGGGAATAGTAGTGA AAAACAGAGAAA CAATGGATGGCGCTAGGAAAAACCGGTTTTTTA	240
YXZG	CCTGCATGTCACCTAGCTAGCATATATATTGTGCTTATTTATTTAAATTTTGAAAAAAGTAGGGAATAGTAGTGA AAAACAGAGAAA CAATGGATGGCGCTAGGAAAAACCGGTTTTTTA	240
NBG	CCTGCATGTCACCTAGCTAGCATATATATTGTGCTTATTTATTTAAATTTTGAAAAAAGTAGGGAATAGTAGTGA AAAACAGAGAAA CAATGGATGGCGCTAGGAAAAACCGGTTTTTTA	240
DXG	CCTGCATGTCACCTAGCTAGCATATATATTGTGCTTATTTATTTAAATTTTGAAAAAAGTAGGGAATAGTAGTGA AAAACAGAGAAA CAATGGATGGCGCTAGGAAAAACCGGTTTTTTA	240
93-11	AGTAGTGAATAGTTCTGAAAAATTAAGTTCCAATCGTTTTTTTTAAAAAAGAAACAAAAGAACGTTTACACCCCTGCACGAGTCACAAACTTAGGAGAGAAAGAAACGGAAGTTACGT	360
PN1H	AGTAGTGAATAGTTCTGAAAAATTAAGTTCCAATCGTTTTTTTTAAAAAAGAAACAAAAGAACGTTTACACCCCTGCACGAGTCACAAACTTAGGAGAGAAAGAAACGGAAGTTACGT	360
Nipponbare	AGTAGTGAATAGTTCTGAAAAATTAAGTTCCAATCGTTTTTTTTAAAAAAGAAACAAAAGAACGTTTACACCCCTGCACGAGTCACAAACTTAGGAGAGAAAGAAACGGAAGTTACGT	360
YXZG	AGTAGTGAATAGTTCTGAAAAATTAAGTTCCAATCGTTTTTTTTAAAAAAGAAACAAAAGAACGTTTACACCCCTGCACGAGTCACAAACTTAGGAGAGAAAGAAACGGAAGTTACGT	360
NBG	AGTAGTGAATAGTTCTGAAAAATTAAGTTCCAATCGTTTTTTTTAAAAAAGAAACAAAAGAACGTTTACACCCCTGCACGAGTCACAAACTTAGGAGAGAAAGAAACGGAAGTTACGT	360
DXG	AGTAGTGAATAGTTCTGAAAAATTAAGTTCCAATCGTTTTTTTTAAAAAAGAAACAAAAGAACGTTTACACCCCTGCACGAGTCACAAACTTAGGAGAGAAAGAAACGGAAGTTACGT	360
93-11	TGAACGCAAGGTTTAAATTTAACTATATATCTAGGTATGTTATAAGGGTCTGGTAGGATTCGTTTTATATATGTAATTTACATATTTAATCTATATTTTCAGTGTAAATAAATCTG	480
PN1H	TGAACGCAAGGTTTAAATTTAACTATATATCTAGGTATGTTATAAGGGTCTGGTAGGATTCGTTTTATATATGTAATTTACATATTTAATCTATATTTTCAGTGTAAATAAATCTG	480
Nipponbare	TGAACGCAAGGTTTAAATTTAACTATATATCTAGGTATGTTATAAGGGTCTGGTAGGATTCGTTTTATATATGTAATTTACATATTTAATCTATATTTTCAGTGTAAATAAATCTG	480
YXZG	TGAACGCAAGGTTTAAATTTAACTATATATCTAGGTATGTTATAAGGGTCTGGTAGGATTCGTTTTATATATGTAATTTACATATTTAATCTATATTTTCAGTGTAAATAAATCTG	480
NBG	TGAACGCAAGGTTTAAATTTAACTATATATCTAGGTATGTTATAAGGGTCTGGTAGGATTCGTTTTATATATGTAATTTACATATTTAATCTATATTTTCAGTGTAAATAAATCTG	480
DXG	TGAACGCAAGGTTTAAATTTAACTATATATCTAGGTATGTTATAAGGGTCTGGTAGGATTCGTTTTATATATGTAATTTACATATTTAATCTATATTTTCAGTGTAAATAAATCTG	480
93-11	CTTTGTAAGCTAGCTGATTCAATCTCTCCTAGTTAACTAGTCGATCTCGACCAAAAAAATAACAAAAGAGAAATTAATTTCAATTTATGTGATATTAGTCCACAGGATAGATTCA	600
PN1H	CTTTGTAAGCTAGCTGATTCAATCTCTCCTAGTTAACTAGTCGATCTCGACCAAAAAAATAACAAAAGAGAAATTAATTTCAATTTATGTGATATTAGTCCACAGGATAGATTCA	600
Nipponbare	CTTTGTAAGCTAGCTGATTCAATCTCTCCTAGTTAACTAGTCGATCTCGACCAAAAAAATAACAAAAGAGAAATTAATTTCAATTTATGTGATATTAGTCCACAGGATAGATTCA	600
YXZG	CTTTGTAAGCTAGCTGATTCAATCTCTCCTAGTTAACTAGTCGATCTCGACCAAAAAAATAACAAAAGAGAAATTAATTTCAATTTATGTGATATTAGTCCACAGGATAGATTCA	600
NBG	CTTTGTAAGCTAGCTGATTCAATCTCTCCTAGTTAACTAGTCGATCTCGACCAAAAAAATAACAAAAGAGAAATTAATTTCAATTTATGTGATATTAGTCCACAGGATAGATTCA	600
DXG	CTTTGTAAGCTAGCTGATTCAATCTCTCCTAGTTAACTAGTCGATCTCGACCAAAAAAATAACAAAAGAGAAATTAATTTCAATTTATGTGATATTAGTCCACAGGATAGATTCA	600
93-11	GCTATCATTTTCTTTGTTATTTCCCTCGTATGTAAGGGACACTTTAAAAATGCTCTCGTAGGGGATACTTTTAGCTAGCTAGGTAGTTTGGTGAGTTGGATAGTTACATATGAATTTTTT	720
PN1H	GCTATCATTTTCTTTGTTATTTCCCTCGTATGTAAGGGACACTTTAAAAATGCTCTCGTAGGGGATACTTTTAGCTAGCTAGGTAGTTTGGTGAGTTGGATAGTTACATATGAATTTTTT	720
Nipponbare	GCTATCATTTTCTTTGTTATTTCCCTCGTATGTAAGGGACACTTTAAAAATGCTCTCGTAGGGGATACTTTTAGCTAGCTAGGTAGTTTGGTGAGTTGGATAGTTACATATGAATTTTTT	720
YXZG	GCTATCATTTTCTTTGTTATTTCCCTCGTATGTAAGGGACACTTTAAAAATGCTCTCGTAGGGGATACTTTTAGCTAGCTAGGTAGTTTGGTGAGTTGGATAGTTACATATGAATTTTTT	720
NBG	GCTATCATTTTCTTTGTTATTTCCCTCGTATGTAAGGGACACTTTAAAAATGCTCTCGTAGGGGATACTTTTAGCTAGCTAGGTAGTTTGGTGAGTTGGATAGTTACATATGAATTTTTT	720
DXG	GCTATCATTTTCTTTGTTATTTCCCTCGTATGTAAGGGACACTTTAAAAATGCTCTCGTAGGGGATACTTTTAGCTAGCTAGGTAGTTTGGTGAGTTGGATAGTTACATATGAATTTTTT	720
93-11	TCTACCACTTCTGTCAGTGAGCTGGTTTACATTTCAACCTTGATTATGATTTTTCTTCTGCTGAGTGGAAGGAATTGGATTTTTTCAGCTTCACTCCCCATCAATTTGACACGATTATT	840
PN1H	TCTACCACTTCTGTCAGTGAGCTGGTTTACATTTCAACCTTGATTATGATTTTTCTTCTGCTGAGTGGAAGGAATTGGATTTTTTCAGCTTCACTCCCCATCAATTTGACACGATTATT	840
Nipponbare	TCTACCACTTCTGTCAGTGAGCTGGTTTACATTTCAACCTTGATTATGATTTTTCTTCTGCTGAGTGGAAGGAATTGGATTTTTTCAGCTTCACTCCCCATCAATTTGACACGATTATT	840
YXZG	TCTACCACTTCTGTCAGTGAGCTGGTTTACATTTCAACCTTGATTATGATTTTTCTTCTGCTGAGTGGAAGGAATTGGATTTTTTCAGCTTCACTCCCCATCAATTTGACACGATTATT	840
NBG	TCTACCACTTCTGTCAGTGAGCTGGTTTACATTTCAACCTTGATTATGATTTTTCTTCTGCTGAGTGGAAGGAATTGGATTTTTTCAGCTTCACTCCCCATCAATTTGACACGATTATT	840
DXG	TCTACCACTTCTGTCAGTGAGCTGGTTTACATTTCAACCTTGATTATGATTTTTCTTCTGCTGAGTGGAAGGAATTGGATTTTTTCAGCTTCACTCCCCATCAATTTGACACGATTATT	840
93-11	TCTCAGTTTTTAAGTTGGTGATCATTGATGATTATTCCTTATAGATTACCTCAAAACAGAACAGATCAAGGAAAGGCTTGGGCTCAAAATGGAAGCCCCATCCTAACTCTTTAGTTTAC	960
PN1H	TCTCAGTTTTTAAGTTGGTGATCATTGATGATTATTCCTTATAGATTACCTCAAAACAGAACAGATCAAGGAAAGGCTTGGGCTCAAAATGGAAGCCCCATCCTAACTCTTTAGTTTAC	960
Nipponbare	TCTCAGTTTTTAAGTTGGTGATCATTGATGATTATTCCTTATAGATTACCTCAAAACAGAACAGATCAAGGAAAGGCTTGGGCTCAAAATGGAAGCCCCATCCTAACTCTTTAGTTTAC	960
YXZG	TCTCAGTTTTTAAGTTGGTGATCATTGATGATTATTCCTTATAGATTACCTCAAAACAGAACAGATCAAGGAAAGGCTTGGGCTCAAAATGGAAGCCCCATCCTAACTCTTTAGTTTAC	960
NBG	TCTCAGTTTTTAAGTTGGTGATCATTGATGATTATTCCTTATAGATTACCTCAAAACAGAACAGATCAAGGAAAGGCTTGGGCTCAAAATGGAAGCCCCATCCTAACTCTTTAGTTTAC	960
DXG	TCTCAGTTTTTAAGTTGGTGATCATTGATGATTATTCCTTATAGATTACCTCAAAACAGAACAGATCAAGGAAAGGCTTGGGCTCAAAATGGAAGCCCCATCCTAACTCTTTAGTTTAC	960

Figure S1 continues on the next page.

[illegible]

Figure S1. Sequence alignment of the PCR products (2029-bp Frag and 1998-bp Frag) from six rice accessions (three accessions with the 31-bp insertion and three accessions without the 31-bp); thirteen SNPs were found among these amplified fragments; thirteen SNPs included the eight SNPs found between Nipponbare and 93-11
Cyan – the 31-bp insertion; red – SNPs