

Table 1. Puroindolines Genotypes of 96 Wheats^a

Cultivar	<i>Pina</i> -D1	<i>Pinb</i> -D1	Cultivar	<i>Pina</i> -D1	<i>Pinb</i> -D1	Cultivar	<i>Pina</i> -D1	<i>Pinb</i> -D1
Korea			Iksan307	a	a	CIMMYT0610	a	b
Changkwang	a	a	Iksan308	a	a	Japan		
Youngkwang	a	a	Iksan309	a	a	Daichinominori	a	b
Jinpoong	a	a	Iksan310	a	b	Hachimangomugi	a	a
Kyungkwang	a	a	Iksan311	a	b	Chugoku108	a	b
Shinkwang	a	a	Iksan312	a	a	Chugoku122	a	a
Chokwang	a	a	Iksan313	a	a	Chugoku97	a	a
Olmil	a	a	Iksan314	a	a	Kanto107	a	a
Geurumil	a	a	Iksan315	a	b	Norin61	a	a
Dahongmil	a	a	Suwon252	a	a	China		
Chunggyemil	a	a	KD1-16-04DP01	a	a	BaiHuo	a	a
Eunpamil	a	a	KD2-17-04DP02	a	a	Shanghai4-0CHN	a	a
Tapdongmil	a	a	KD3-18-04DP03	a	b	Heng-You18	a	b
Namhaemil	a	a	KD10-19-04DP16	a	a	Lun-Xyan987	a	a
Urimil	a	a	KD12-21-04DP21	a	a	Heng5229	a	a
Olgeurumil	a	a	KD14-23-04DP42-1	a	b	Zhong-You9507	a	b
Alchanmil	a	a	KD14-23-04DP42-2	a	a	U.S.		
Gobunmil	a	a	KD4-04DP5	a	a	Chinese Spring	a	a
Keumgangmil	a	b	04DP8	a	a	Drumchamp	a	a
Sudunmil	a	a	04DP11	a	b	Clark's Cream	a	b
Saeolmil	a	a	04DP15	a	b	Klasic	a	b
Jinpoommil	a	a	04DP40	a	a	Oveson	a	a
Milsungmil	a	a	04DP53	a	a	Rohde	a	a
Joeunmil	a	a	04DP55	a	b	Arlin	b	a
Anbaekmil	a	a	Mexico			Ike	a	a
Jopoommil	a	b	CIMMYT0601	a	a	Lambert	a	a
Shinmichalmil	a	b	CIMMYT0602	a	a	IDO377s	b	a
Jonongmil	a	a	CIMMYT0603	a	a	Cayuga	a	a
Jokyungmil	a	a	CIMMYT0604	a	b	Brundage	a	a
Suwon300	a	b	CIMMYT0605	a	a	KS96WGRC37	a	a
Suwon301	a	a	CIMMYT0606	a	a	Trego	a	b
Suwon304	a	a	CIMMYT0607	a	a	Heyne	a	b
Suwon305	a	a	CIMMYT0608	a	a	NuSky	a	b
Suwon306	a	a	CIMMYT0609	a	a			

^a a indicate presence of puroindoline allele and b is absence of allele.

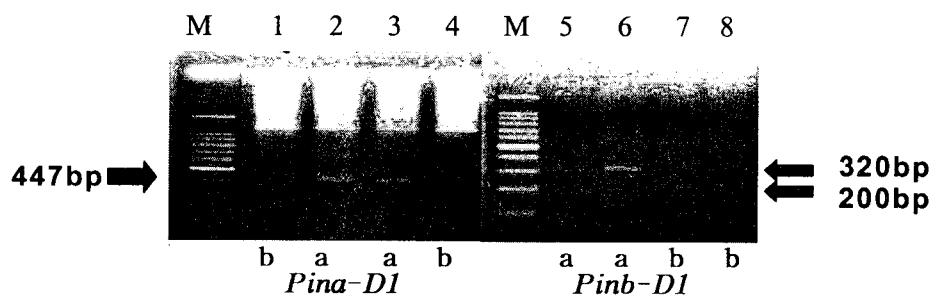


Fig. 1. Agarose gel electrophoresis of PCR-amplified puroindolines. Amplified puroindoline b were cut by BsrB I, wild-type (a, 320bp) and mutant (b, 200bp). M is 100bp DNA ladder, 1: Arlin, 2:Ike, 3: Lambert, 4: IDO377S, 5: Chinese Spring, 6: Drumchamp, 7: Clark's Cream, 8: Klasic.