

Table 3 The QTL identified of plant height in DH population

Location	Year	Chrom.	Position	Marker & interval	LOD	Additive	Variance (%)		
Beijing	2007	1AL	49.73	gwm135-wmc20	4.61	9.61	2.36		
		1BS	28.54	wmc406-gwm413	5.04	-6.34	2.12		
		2AL	88.08	gwm986-gwm294	7.32	-8.56	4.56		
		2DL	19.35	gwm320-gwm301	5.95	8.70	2.58		
		3BL	0.01	gwm181-gwm247	15.83	-12.85	9.19		
		3BL	30.22	gwm247-gwm340	10.89	9.44	4.53		
		3DL	0.01	gwm341-gwm456	4.86	8.12	2.06		
		3DL	22.25	gwm456-wmc533	6.22	-12.36	3.51		
		4B	23.76	barc163-gwm495	5.46	7.28	2.54		
		6AL	2.01	barc3-barc107	6.68	6.83	3.11		
		6B	22.17	gwm508-barc14	10.52	11.72	4.45		
		6BL	60.17	barc14-gwm58	5.74	-9.64	2.91		
		7AL	49.47	wmc17-barc121	5.55	10.56	5.9		
		Funan	2007	1BS	28.54	wmc406-gwm413	5	-7.74	2.11
2AL	82.08			gwm986-gwm294	6.6	-9.25	3.33		
3BL	0.01			gwm181-gwm247	15.95	-16.19	9.64		
3BL	30.22			gwm247-gwm340	10.74	11.46	4.45		
3DL	22.25			gwm456-wmc533	4.76	-13.22	2.69		
6B	22.17			gwm508-barc14	8.3	12.76	3.53		
6BL	60.17			barc14-gwm58	5.45	-11.52	2.78		
7BS	6.01			barc1005-wmc338	5.18	-8.43	2.91		
Beijing	2008			2BS	6.01	wmc154-gwm429	5.92	3.40	3.50
				5AS	16.01	gwm443-gwm205	6.47	-3.46	3.00
				6BL	60.17	barc14-gwm58	6.88	-5.67	3.45
				6BL	92.85	barc24-barc247	7.91	-4.97	3.12
				7AS	30.01	wmc405-wmc17	5.14	3.35	2.31
				7AL	78.38	barc121-wmc607	6.43	-4.17	3.69
		7BL	46.51	gwm297-wmc476	5.39	-4.58	3.68		
		7BL	93.81	wmc76-wmc517	5.71	4.69	3.47		
Funan	2008	7DS	36.01	gwm44-gwm437	5.70	-4.27	2.87		
		2BS	4.01	wmc154-gwm429	5.41	4.15	3.16		
		5AS	0.01	barc351-gwm186	7.12	-4.31	3.05		
		6BL	92.85	barc24-barc247	9.19	-6.04	3.70		
		6DS	20.01	cf42-barc27	5.50	5.17	4.54		
		7BL	44.51	gwm297-wmc476	6.75	-5.60	4.29		
		7BL	84.91	wmc396-wmc76	8.20	6.68	4.74		
		7BL	91.81	wmc76-wmc517	12.20	7.76	7.50		
		7DS	0.01	gwm44-gwm437	5.66	-3.62	2.35		