表2 甲基化模式在亲本和子代间的遗传与变异

Table 2 Methylation patterns in parents and offspring heredity and variation

	位点类型 type of loci	黑芥 *Brassica nigra*		花椰菜 *Brassica oleracea* L. *var. botrytis* L.		子代 offspring						
单态性位点 Monomorp-hic sites	Sitetape	H	M	H	M	H	M	BC1	BC2	BC3	S2	S3	S4
非甲基化 Non-methylated sites	X	1	1	1	1	1	1	117 (29.2%)	117 (28.2%)	117 (29.2%)	109 (27.2%)	114 (28.4%)	115 (28.7%)
甲基化 Methylation sites	A1	0	1	0	1	0	1	9(2.2%)	11(2.7%)	12(3.0%)	12(3.0%)	15(3.7%)	15(3.7%)
	A2	1	0	1	0	1	0	3(0.7%)	4(1.0%)	5(1.2%)	4(1.0%)	5(1.2%)	5(1.2%)
多态性位点 Polymorphic sites													
遗传黑芥 Parental genetic nigra	B1	0	1	0	0	0	1	25	28	26	28	27	25
	B2	0	0	1	1	0	0	43	44	45	42	42	41
	B3	0	0	0	1	0	0	34	36	34	33	34	35
	B4	1	1	0	1	1	1	25	23	25	26	22	23
	B5	1	1	1	0	1	1	16	13	12	12	12	14
	B6	1	0	1	1	1	0	11	12	14	12	14	13
	B7	0	1	1	1	0	1	13	12	11	11	14	13
	B8	0	0	1	0	0	0	13	14	15	14	15	15
	B9	1	0	0	0	1	0	1	1	1	2	1	1
	B10	1	1	0	0	1	1	1	1	1	1	1	1
	B11	1	0	0	1	1	0	2	6	2	4	2	1
Total								194 (48.4%)	190 (47.4%)	186 (46.4%)	185 (46.1%)	184 (46.0%)	182 (45.4%)
遗传花椰菜 Parental genetic oleracea	B12	0	1	1	1	1	1	4	1	1	3	5	3
	B13	1	0	0	0	0	0	3	9	7	3	4	2
	B14	0	0	0	1	0	1	0	7	10	7	9	8
	B15	1	1	0	1	0	1	2	6	5	1	6	7
	B16	0	1	0	0	0	0	11	9	8	9	6	7
	B17	1	1	0	0	0	0	5	3	6	3	2	3
	B18	0	0	1	1	1	1	5	3	6	3	2	3
Total								29(7.2%)	36(9.0%)	38(9.5%)	30(7.5%)	37(9.2%)	35(8.7%)
过甲基化位点 C1 hypermethyla-tion	C1	0	1	0	1	0	0	22	10	11	15	6	11
	C2	1	1	1	1	0	1	7	10	9	6	4	3
	C3	1	0	1	1	0	1	0	1	1	0	1	1
	C4	1	1	1	0	0	1	0	3	1	1	2	1
	C5	1	1	0	0	0	1	1	2	2	6	3	1
	C6	1	1	1	1	0	0	12	10	11	11	12	15
Total								42(10.5%)	36(9.0%)	35(8.7%)	39(9.7%)	28(7.0%)	32(8.0%)
去甲基化位点 D1 demethylation	D1	0	0	0	0	1	0	2	3	3	5	4	5
	D2	0	1	0	1	1	1	0	1	1	5	4	5
	D3	0	1	0	0	1	1	2	0	0	3	3	2
	D4	0	0	0	0	1	1	2	1	1	4	3	2
	D5	0	0	0	1	1	1	1	2	2	2	2	2
	D6	1	0	0	1	1	1	0	2	1	3	2	1
Total								7(1.7%)	9(2.2%)	8(2.0%)	22(5.5%)	18(4.5%)	17(4.2%)
Total								401 (100%)	401 (100%)	401 (100%)	401 (100%)	401 (100%)	401 (100%)