

Table S2 Major SSR types and their repetition number as identified from the genome sequence of *B. oleracea*

Repeats	Mono-	Di-	Tri-	Tetra-	Penta-	Hexa-	total
4	0	0	0	3678	1468	962	6108
5	0	0	8115	748	229	249	9341
6	0	0	2592	242	59	70	2963
7	0	10632	1251	100	15	38	12036
8	0	7600	780	46	5	9	8440
9	0	5474	286	27	0	14	5801
10	0	3913	165	21	0	8	4107
11	0	2820	94	5	0	2	2921
12	18473	2117	92	7	4	4	20697
13	10994	1638	59	4	1	2	12698
14	7552	1338	39	3	0	0	8932
15	5889	1137	18	2	0	0	7046
16	4347	862	26	0	0	0	5235
17	3101	707	20	0	0	1	3829
18	2350	578	19	0	0	0	2947
19	1778	478	16	0	0	0	2272
20	1463	387	13	0	0	1	1864
21	1246	281	15	0	0	0	1542
22	1015	216	13	1	0	0	1245
23	825	173	6	0	0	0	1004
24	648	168	6	0	0	0	822
25	460	98	9	0	0	1	568
26	366	86	5	0	0	0	457
27	300	68	3	0	0	1	372
28	222	52	0	0	0	0	274
29	191	59	0	0	0	0	250
30	125	49	1	0	0	0	175
31	128	38	2	0	0	0	168
32	104	22	1	0	0	0	127
33	74	38	1	0	0	0	113
34	57	38	2	0	0	0	97
35	43	43	2	0	0	0	88
36	39	36	0	0	0	0	75
37	34	34	0	0	0	0	68
38	22	34	0	0	0	0	56
39	24	15	0	0	0	0	39
40	21	15	0	0	0	0	36
41	16	30	0	0	0	0	46
42	16	27	0	0	0	0	43
43	16	29	0	0	0	0	45
>43	265	230	1	0	0	0	496
total	62204	41560	13652	4884	1781	1362	125443