

Table S3. Percentage of specific microsatellites in BAC clones containing the *SIAP3* and *SI4* genes in *S. latifolia* and *S. vulgaris*. Satellite units were selected based on data by Kubat *et al.* [20] showing accumulation of several microsatellites on Y chromosome of *S. latifolia*.

Dinucleotide						
Unit	SIAP3Y	SIAP3X	SvAP3	SIY4	SIX4	Sv4
CA	3.84	2.41	3.65	4.30	3.67	3.56
GA	4.25	4.49	4.74	3.31	4.34	4.67
GC	0.24	0.56	0.27	0.56	0.00	0.14

Trinucleotide						
Unit	SIAP3Y	SIAP3X	SvAP3	SIY4	SIX4	Sv4
CAA	0.55	0.51	0.36	0.35	0.22	0.43
CAG	0.17	0.28	0.27	0.07	0.11	0.05
GAA	0.28	0.34	0.27	0.85	0.33	0.34
TAA	0.41	0.67	1.09	0.71	0.78	0.77