

Table S1. Quality metrics of unigenes in ‘Q10-22-2’s stigmas

Sample	Total number	Total length (bp)	Mean length (bp)	N50	N70	N90	GC (%)
MS	80,178	59,360,186	740	1,140	663	305	40.10
IS	77,652	57,911,108	745	1,150	671	307	40.16
All-Unigene	98,595	78,399,181	795	1,262	741	323	39.96

N50: a weighted median statistic that 50% of the total length was contained in unigenes greater than or equal to this value. GC (%): the percentage of G and C bases in all unigenes.