

Table S1. Morphological characterization of genitors and F1 progenies selected for SRAP and FT-IR.

analyses

	Parents and F1 progenies	Number of flowers/ plant NF	Number of peduncle/plant NP	Number of flower/ penduncle NFP	Length of peduncle LP(cm)	Length of corolla tube LCT(cm)	Width of flower WF(cm)
1	P1 ('Black Panther')	20.47±0.37 ^c	8.27±0.20 ^{bcd}	2.48±0.08 ^h	18.92±0.01 ^d	3.79±0.03 ^f	6.26±0.03 ^d
2	P2 ('Slumber Song')	16.33±0.47 ^a	7.33±0.22 ^a	2.24±0.09 ^{bcd}	13.64±0.01 ^b	2.72±0.01 ^b	4.01±0.06 ^b
3	P3 ('Snow White')	18.07±0.43 ^b	10.27±0.20 ^h	1.77±0.07 ^a	8.82±0.03 ^a	2.08±0.02 ^a	3.05±0.02 ^a
4	H1	20.73±0.43 ^c	9.40±0.23 ^g	2.21±0.06 ^{bc}	17.54±0.20 ^{cd}	3.76±0.03 ^{ef}	6.61±0.08 ^d
5	H2	18.47±0.29 ^b	7.87±0.16 ^{abc}	2.35±0.05 ^{defg}	16.17±0.12 ^c	3.25±0.01 ^c	5.18±0.04 ^c
6	H3	20.87±0.33 ^c	8.60±0.23 ^{def}	2.43±0.07 ^{fgh}	18.99±0.03 ^d	3.84±0.02 ^f	6.34±0.03 ^d
7	H4	17.87±0.33 ^b	7.73±0.20 ^{ab}	2.32±0.07 ^{cdef}	16.21±0.17 ^c	3.35±0.02 ^{cd}	5.25±0.15 ^c
8	H5	20.07±0.40 ^c	9.33±0.28 ^g	2.16±0.09 ^b	18.13±0.11 ^d	3.73±0.04 ^{ef}	6.14±0.08 ^d
9	H6	16.40±0.23 ^a	7.40±0.23 ^a	2.23±0.07 ^{bc}	14.18±0.14 ^b	2.80±0.04 ^b	4.16±0.04 ^b
10	H7	20.60±0.33 ^c	8.40±0.23 ^{cde}	2.46±0.09 ^{gh}	18.61±0.02 ^d	3.68±0.04 ^{def}	6.07±0.02 ^d
11	H8	20.67±0.53 ^c	9.20±0.25 ^g	2.26±0.09 ^{bcd}	18.26±0.14 ^d	3.44±0.07 ^{cde}	6.61±0.07 ^d
12	H9	20.47±0.23 ^c	8.87±0.16 ^{efg}	2.31±0.06 ^{cde}	18.85±0.19 ^d	3.80±0.04 ^f	6.28±0.05 ^d
13	H10	21.07±0.31 ^c	9.13±0.29 ^{fg}	2.32±0.08 ^{cdef}	18.97±0.05 ^d	3.81±0.04 ^f	6.47±0.02 ^d
14	H11	20.53±0.37 ^c	8.53±0.23 ^{de}	2.41±0.07 ^{efgh}	18.73±0.19 ^d	3.71±0.02 ^{ef}	6.31±0.08 ^d
15	H12	20.67±0.32 ^c	9.33±0.22 ^g	2.22±0.06 ^{bc}	18.79±0.14 ^d	3.84±0.05 ^f	6.64±0.05 ^d

¹The analyzed ornamental flower traits were: NF- number of flowers/plant, NP-number of peduncles/plant, NFP- number of flowers/peduncle, LP- length of peduncle (cm), LCT- length of corolla tube (cm) and WF- width of flower (cm). Values shown are means ±SD ($p \leq 0.05$). Lowercase letters in common indicate no significant differences between the means within the same character according to Tukey's post-hoc test ($P \leq 0.05$).

Supplementary Materials: The following are available online at www.mdpi.com/xxx/s1, Table S1: Morphological characterization of genitors and F1 progenies selected for SRAP and FT-IR analyses.