

Table S1 ΔR_n values for the 17 pairs of SSR primers in 22 euploid loquat strains

SSR name	LG in loquat	‘Dawuxing’	A313	A322	‘Longquan No. 1’	B350
TsuENH094	LG1	0.92 $\pm$ 0.03	1.04 $\pm$ 0.04	0.95 $\pm$ 0.03	1.04 $\pm$ 0.02	1.02 $\pm$ 0.03
MEST028	LG2	0.96 $\pm$ 0.06	1.10 $\pm$ 0.06	0.88 $\pm$ 0.01	1.00 $\pm$ 0.05	1.00 $\pm$ 0.08
CH03g12	LG3	0.99 $\pm$ 0.03	1.03 $\pm$ 0.03	0.94 $\pm$ 0.09	1.01 $\pm$ 0.06	0.98 $\pm$ 0.05
TsuENH044	LG4	0.87 $\pm$ 0.12	0.98 $\pm$ 0.14	1.01 $\pm$ 0.02	0.96 $\pm$ 0.17	0.93 $\pm$ 0.08
NZmsCN898349	LG5	1.00 $\pm$ 0.04	1.04 $\pm$ 0.05	1.01 $\pm$ 0.04	0.99 $\pm$ 0.08	0.95 $\pm$ 0.11
NZmsCO754252	LG6	1.00 $\pm$ 0.01	1.00 $\pm$ 0.01	1.00 $\pm$ 0.02	1.00 $\pm$ 0.01	1.00 $\pm$ 0.01
NZmsEB137749	LG7	0.95 $\pm$ 0.02	1.04 $\pm$ 0.03	1.04 $\pm$ 0.01	0.96 $\pm$ 0.05	0.94 $\pm$ 0.06
TsuENH034	LG8	0.86 $\pm$ 0.03	1.10 $\pm$ 0.03	1.06 $\pm$ 0.03	0.86 $\pm$ 0.03	1.02 $\pm$ 0.06
TsuENH097	LG9	1.02 $\pm$ 0.00	0.99 $\pm$ 0.07	0.95 $\pm$ 0.01	1.04 $\pm$ 0.04	1.02 $\pm$ 0.01
Hi05b02	LG10	0.98 $\pm$ 0.04	1.05 $\pm$ 0.01	0.97 $\pm$ 0.02	1.02 $\pm$ 0.04	1.00 $\pm$ 0.04
IPP14	LG11	0.99 $\pm$ 0.01	0.97 $\pm$ 0.05	1.02 $\pm$ 0.02	0.99 $\pm$ 0.04	1.00 $\pm$ 0.01
MEST011	LG12	0.94 $\pm$ 0.02	1.13 $\pm$ 0.07	1.00 $\pm$ 0.06	0.95 $\pm$ 0.05	1.03 $\pm$ 0.04
CH02e02	LG13	1.01 $\pm$ 0.03	1.03 $\pm$ 0.03	1.01 $\pm$ 0.06	1.05 $\pm$ 0.06	0.92 $\pm$ 0.03
TsuENH093	LG14	0.95 $\pm$ 0.03	1.04 $\pm$ 0.05	1.00 $\pm$ 0.05	1.01 $\pm$ 0.00	1.01 $\pm$ 0.03
TsuENH007	LG15	1.00 $\pm$ 0.02	1.06 $\pm$ 0.02	1.00 $\pm$ 0.06	1.06 $\pm$ 0.01	0.95 $\pm$ 0.03
Hi22f06	LG16	1.04 $\pm$ 0.01	0.96 $\pm$ 0.04	1.07 $\pm$ 0.02	1.04 $\pm$ 0.02	1.00 $\pm$ 0.01
TsuENH002	LG17	0.93 $\pm$ 0.10	0.97 $\pm$ 0.03	1.06 $\pm$ 0.00	0.97 $\pm$ 0.09	0.99 $\pm$ 0.08

The SSR-qPCR results are expressed as means $\pm$ standard deviations

Table S1 (Continued)

SSR name	LG in loquat	B352	B353	B356	B431	B456
TsuENH094	LG1	1.05 $\pm$ 0.04	1.01 $\pm$ 0.02	1.02 $\pm$ 0.08	1.01 $\pm$ 0.02	1.07 $\pm$ 0.01
MEST028	LG2	1.03 $\pm$ 0.04	1.00 $\pm$ 0.08	1.04 $\pm$ 0.09	1.04 $\pm$ 0.03	0.99 $\pm$ 0.12
CH03g12	LG3	1.01 $\pm$ 0.04	1.05 $\pm$ 0.04	1.05 $\pm$ 0.06	1.02 $\pm$ 0.01	1.02 $\pm$ 0.02
TsuENH044	LG4	0.94 $\pm$ 0.12	0.99 $\pm$ 0.07	1.01 $\pm$ 0.12	1.02 $\pm$ 0.10	1.11 $\pm$ 0.10
NZmsCN898349	LG5	0.99 $\pm$ 0.04	0.91 $\pm$ 0.13	1.06 $\pm$ 0.04	0.98 $\pm$ 0.15	0.95 $\pm$ 0.12
NZmsCO754252	LG6	1.00 $\pm$ 0.02	1.00 $\pm$ 0.02	1.00 $\pm$ 0.03	1.00 $\pm$ 0.04	1.00 $\pm$ 0.03
NZmsEB137749	LG7	1.00 $\pm$ 0.02	1.03 $\pm$ 0.01	1.02 $\pm$ 0.03	1.01 $\pm$ 0.02	1.00 $\pm$ 0.03
TsuENH034	LG8	1.04 $\pm$ 0.06	1.07 $\pm$ 0.04	0.88 $\pm$ 0.02	0.97 $\pm$ 0.04	1.04 $\pm$ 0.02
TsuENH097	LG9	0.95 $\pm$ 0.01	0.99 $\pm$ 0.01	1.07 $\pm$ 0.01	1.10 $\pm$ 0.02	1.04 $\pm$ 0.02
Hi05b02	LG10	0.93 $\pm$ 0.02	1.01 $\pm$ 0.04	1.03 $\pm$ 0.04	1.03 $\pm$ 0.05	1.03 $\pm$ 0.04
IPP14	LG11	0.95 $\pm$ 0.05	0.97 $\pm$ 0.00	0.98 $\pm$ 0.01	0.97 $\pm$ 0.00	1.00 $\pm$ 0.01
MEST011	LG12	1.03 $\pm$ 0.05	0.93 $\pm$ 0.05	0.96 $\pm$ 0.07	0.98 $\pm$ 0.03	1.04 $\pm$ 0.04
CH02e02	LG13	0.90 $\pm$ 0.03	0.98 $\pm$ 0.06	1.14 $\pm$ 0.06	1.04 $\pm$ 0.04	1.07 $\pm$ 0.04
TsuENH093	LG14	0.96 $\pm$ 0.03	1.03 $\pm$ 0.01	0.98 $\pm$ 0.01	1.04 $\pm$ 0.02	0.98 $\pm$ 0.03
TsuENH007	LG15	0.99 $\pm$ 0.00	0.99 $\pm$ 0.01	0.95 $\pm$ 0.00	1.04 $\pm$ 0.01	1.02 $\pm$ 0.01
Hi22f06	LG16	0.94 $\pm$ 0.01	0.93 $\pm$ 0.05	0.96 $\pm$ 0.05	1.09 $\pm$ 0.05	0.98 $\pm$ 0.11
TsuENH002	LG17	0.99 $\pm$ 0.12	1.09 $\pm$ 0.10	1.02 $\pm$ 0.01	0.89 $\pm$ 0.01	1.09 $\pm$ 0.07

The SSR-qPCR results are expressed as means $\pm$ standard deviations

Table S1 (Continued)

SSR name	LG in loquat	B460	B432	‘Ruantiaobaisha’	‘Wuheguoyu’	H424
TsuENH094	LG1	1.07 ±0.05	1.01 ±0.01	0.96 ±0.02	0.97 ±0.01	0.94 ±0.02
MEST028	LG2	1.02 ±0.07	1.00 ±0.07	0.96 ±0.06	0.95 ±0.05	0.94 ±0.03
CH03g12	LG3	1.00 ±0.05	0.99 ±0.03	0.98 ±0.04	0.91 ±0.03	0.97 ±0.05
TsuENH044	LG4	1.09 ±0.11	0.90 ±0.08	0.99 ±0.01	0.95 ±0.20	1.01 ±0.04
NZmsCN898349	LG5	1.00 ±0.04	0.98 ±0.11	1.03 ±0.03	1.01 ±0.04	1.00 ±0.02
NZmsCO754252	LG6	1.00 ±0.02	1.00 ±0.02	1.00 ±0.03	1.00 ±0.03	1.00 ±0.01
NZmsEB137749	LG7	1.03 ±0.02	0.96 ±0.04	1.04 ±0.00	0.98 ±0.09	1.01 ±0.02
TsuENH034	LG8	0.96 ±0.08	0.92 ±0.03	0.98 ±0.01	0.99 ±0.01	0.98 ±0.01
TsuENH097	LG9	1.04 ±0.04	1.07 ±0.01	1.02 ±0.02	1.02 ±0.01	1.00 ±0.01
Hi05b02	LG10	1.00 ±0.04	1.02 ±0.03	1.00 ±0.04	1.01 ±0.05	0.99 ±0.03
IPPN14	LG11	0.98 ±0.01	1.04 ±0.02	1.04 ±0.03	1.04 ±0.03	1.02 ±0.01
MEST011	LG12	1.02 ±0.05	1.02 ±0.05	1.04 ±0.05	1.08 ±0.05	0.98 ±0.04
CH02e02	LG13	1.06 ±0.05	1.00 ±0.03	1.03 ±0.04	0.99 ±0.02	0.99 ±0.05
TsuENH093	LG14	1.06 ±0.04	0.99 ±0.02	1.04 ±0.02	1.03 ±0.01	1.02 ±0.02
TsuENH007	LG15	1.02 ±0.02	1.02 ±0.02	1.07 ±0.00	0.98 ±0.04	0.98 ±0.01
Hi22f06	LG16	1.03 ±0.04	1.01 ±0.00	1.11 ±0.02	1.07 ±0.02	0.95 ±0.07
TsuENH002	LG17	1.07 ±0.03	0.88 ±0.08	1.11 ±0.12	1.08 ±0.09	0.99 ±0.08

The SSR-qPCR results are expressed as means ± standard deviations

Table S1 (Continued)

SSR name	LG in loquat	77-1	K474	‘Ninghaibai’	‘Huabai No. 1’	‘Changbai No. 1’
TsuENH094	LG1	1.07 ±0.01	1.04 ±0.03	1.11 ±0.01	0.89 ±0.16	0.96 ±0.06
MEST028	LG2	1.13 ±0.07	1.08 ±0.06	1.09 ±0.04	0.93 ±0.05	1.03 ±0.05
CH03g12	LG3	1.04 ±0.02	1.02 ±0.04	1.09 ±0.05	0.95 ±0.04	1.01 ±0.04
TsuENH044	LG4	0.91 ±0.05	1.09 ±0.06	1.10 ±0.15	1.07 ±0.07	1.02 ±0.10
NZmsCN898349	LG5	0.96 ±0.13	1.04 ±0.07	1.04 ±0.09	1.00 ±0.03	0.99 ±0.04
NZmsCO754252	LG6	1.00 ±0.00	1.00 ±0.03	1.00 ±0.02	1.00 ±0.02	1.00 ±0.02
NZmsEB137749	LG7	0.96 ±0.02	0.94 ±0.02	1.07 ±0.02	1.00 ±0.00	0.97 ±0.03
TsuENH034	LG8	1.12 ±0.01	1.07 ±0.04	1.15 ±0.03	1.00 ±0.03	1.06 ±0.03
TsuENH097	LG9	1.06 ±0.04	1.07 ±0.01	0.93 ±0.03	0.97 ±0.03	0.94 ±0.02
Hi05b02	LG10	1.14 ±0.06	1.08 ±0.07	1.00 ±0.03	0.94 ±0.03	0.92 ±0.03
IPPN14	LG11	1.01 ±0.02	1.08 ±0.01	1.06 ±0.03	0.98 ±0.00	0.97 ±0.00
MEST011	LG12	1.02 ±0.04	1.06 ±0.05	1.01 ±0.04	0.99 ±0.04	0.99 ±0.04
CH02e02	LG13	1.10 ±0.04	0.96 ±0.05	0.98 ±0.04	0.92 ±0.02	0.95 ±0.03
TsuENH093	LG14	1.04 ±0.03	0.98 ±0.03	1.06 ±0.03	0.95 ±0.01	0.99 ±0.02
TsuENH007	LG15	1.04 ±0.01	0.91 ±0.01	1.06 ±0.05	0.98 ±0.01	0.93 ±0.03
Hi22f06	LG16	0.81 ±0.01	0.92 ±0.02	1.09 ±0.05	1.08 ±0.01	0.84 ±0.01
TsuENH002	LG17	1.04 ±0.00	0.97 ±0.09	1.03 ±0.16	0.95 ±0.02	1.05 ±0.12

The SSR-qPCR results are expressed as means ± standard deviations

Table S1 (Continued)

SSR name	LG in loquat	Q24	‘Huayuwuhe No. 1’
TsuENH094	LG1	0.88±0.12	0.94±0.14
MEST028	LG2	0.93±0.03	0.95±0.04
CH03g12	LG3	0.97±0.03	0.98±0.05
TsuENH044	LG4	1.00±0.01	1.08±0.02
NZmsCN898349	LG5	1.02±0.04	1.00±0.04
NZmsCO754252	LG6	1.00±0.01	1.00±0.01
NZmsEB137749	LG7	1.01±0.01	1.01±0.02
TsuENH034	LG8	0.96±0.01	1.08±0.01
TsuENH097	LG9	1.02±0.02	0.91±0.04
Hi05b02	LG10	0.95±0.03	0.93±0.05
IPPN14	LG11	0.99±0.02	0.95±0.01
MEST011	LG12	0.99±0.02	0.99±0.04
CH02e02	LG13	0.95±0.03	0.89±0.02
TsuENH093	LG14	0.97±0.01	0.95±0.02
TsuENH007	LG15	0.95±0.00	0.98±0.02
Hi22f06	LG16	0.97±0.02	1.04±0.01
TsuENH002	LG17	0.95±0.02	1.02±0.08

The SSR-qPCR results are expressed as means ± standard deviations

Table S2 ARn values for the 17 pairs of SSR primers in 9 hybrid offspring of Q24 × ‘Huabai No. 1’

SSR name	LG in loquat	Q24-1	Q24-2	Q24-3	Q24-4
TsuENH094	LG1	1.16±0.01	1.29*±0.04	1.38*±0.09	0.90±0.04
MEST028	LG2	1.03±0.03	1.10±0.02	1.05±0.04	1.49*±0.13
CH03g12	LG3	1.03±0.02	1.04±0.03	0.99±0.03	1.02±0.03
TsuENH044	LG4	1.02±0.08	1.15±0.03	1.00±0.10	0.85±0.10
NZmsCN898349	LG5	1.00±0.07	0.98±0.04	1.02±0.02	1.04±0.01
NZmsCO754252	LG6	1.00±0.01	1.00±0.01	1.00±0.04	1.00±0.03
NZmsEB137749	LG7	1.03±0.03	1.06±0.03	1.41*±0.01	1.01±0.00
TsuENH034	LG8	1.05±0.01	1.11±0.04	1.08±0.02	0.98±0.04
TsuENH097	LG9	1.00±0.01	0.99±0.04	1.04±0.02	1.55*±0.02
Hi05b02	LG10	0.98±0.06	1.04±0.04	1.06±0.03	1.06±0.05
IPPN14	LG11	0.96±0.01	0.99±0.01	1.03±0.00	1.02±0.00
MEST011	LG12	1.05±0.06	1.08±0.05	0.99±0.03	1.08±0.04
CH02e02	LG13	1.01±0.04	1.09±0.03	1.04±0.03	1.02±0.05
TsuENH093	LG14	0.97±0.04	0.97±0.02	1.02±0.02	1.03±0.03
TsuENH007	LG15	1.02±0.03	1.03±0.05	1.00±0.03	1.42*±0.01
Hi22f06	LG16	1.55*±0.04	1.08±0.02	1.02±0.01	0.85±0.03
TsuENH002	LG17	1.14±0.00	1.41*±0.05	0.86±0.02	0.74±0.08

The SSR-qPCR results are expressed as means ± standard deviations, * indicates LGs with abnormalities of chromosomes dosage, the SSR-qPCR results for Q24-1, Q24-2, Q24-3, Q24-4, Q24-5, Q24-7, Q24-8, Q24-9 correspond to the chromosome productions in Fig. 2

Table S2 (Continued)

SSR name	LG in loquat	Q24-5	Q24-6	Q24-7	Q24-8	Q24-9
TsuENH094	LG1	0.92 ±0.03	1.24 ±0.05	0.91 ±0.01	1.06 ±0.02	1.25* ±0.02
MEST028	LG2	1.45* ±0.08	1.56 ±0.04	1.06 ±0.07	1.46* ±0.09	1.07 ±0.06
CH03g12	LG3	0.97 ±0.04	0.98 ±0.08	1.03 ±0.04	1.42* ±0.07	1.01 ±0.06
TsuENH044	LG4	0.99 ±0.08	1.01 ±0.07	0.87 ±0.12	0.72 ±0.00	1.45* ±0.05
NZmsCN898349	LG5	1.00 ±0.02	0.96 ±0.03	1.01 ±0.04	1.39* ±0.09	0.99 ±0.03
NZmsCO754252	LG6	1.33* ±0.02	1.00 ±0.04	1.00 ±0.02	1.00 ±0.02	1.00 ±0.03
NZmsEB137749	LG7	0.93 ±0.00	1.02 ±0.03	0.97 ±0.05	1.35* ±0.05	1.41* ±0.04
TsuENH034	LG8	1.51* ±0.03	1.50 ±0.03	0.95 ±0.02	0.75 ±0.02	1.07 ±0.03
TsuENH097	LG9	0.94 ±0.02	1.00 ±0.07	1.04 ±0.03	1.55* ±0.10	0.95 ±0.03
Hi05b02	LG10	1.42* ±0.05	1.07 ±0.07	1.54* ±0.07	1.49* ±0.02	1.43* ±0.03
IPPN14	LG11	0.98 ±0.02	1.41 ±0.04	0.96 ±0.01	0.91 ±0.05	1.44* ±0.02
MEST011	LG12	0.97 ±0.03	1.31 ±0.04	1.25* ±0.06	1.16 ±0.03	1.25* ±0.06
CH02e02	LG13	0.98 ±0.02	1.08 ±0.04	1.52* ±0.05	1.50* ±0.13	1.45* ±0.07
TsuENH093	LG14	0.99 ±0.03	0.97 ±0.02	1.49* ±0.01	1.53* ±0.03	1.46* ±0.02
TsuENH007	LG15	1.01 ±0.01	1.03 ±0.03	1.47* ±0.05	0.93 ±0.03	1.02 ±0.03
Hi22f06	LG16	0.98 ±0.03	1.03 ±0.02	1.30* ±0.03	0.78 ±0.01	0.94 ±0.04
TsuENH002	LG17	1.00 ±0.01	1.23 ±0.07	0.70 ±0.00	0.76 ±0.01	1.30* ±0.02

The SSR-qPCR results are expressed as means ± standard deviations, * indicates LGs with abnormalities of chromosomes dosage, the SSR-qPCR results for Q24-1, Q24-2, Q24-3, Q24-4, Q24-5, Q24-7, Q24-8, Q24-9 correspond to the chromosome productions in Fig. 2

Table S3 ΔRn values for the 17 pairs of SSR primers in 16 open-pollination progeny of triploid loquat strains (A313 and A322)

SSR name	LG in loquat	A313-1	A313-2	A313-3	A313-4
TsuENH094	LG1	1.08 ±0.06	1.46* ±0.01	1.69 ±0.02	0.74 ±0.01
MEST028	LG2	1.15 ±0.09	1.04 ±0.06	1.71 ±0.08	0.79 ±0.05
CH03g12	LG3	0.93 ±0.13	1.03 ±0.02	1.01 ±0.03	0.70 ±0.03
TsuENH044	LG4	0.96 ±0.10	0.91 ±0.15	1.02 ±0.07	1.12 ±0.06
NZmsCN898349	LG5	1.01 ±0.04	0.93 ±0.08	1.00 ±0.03	1.07 ±0.03
NZmsCO754252	LG6	1.00 ±0.03	1.00 ±0.02	1.00 ±0.03	1.00 ±0.01
NZmsEB137749	LG7	1.00 ±0.01	1.44* ±0.02	1.37 ±0.02	0.69 ±0.02
TsuENH034	LG8	0.93 ±0.02	0.95 ±0.02	0.82 ±0.05	0.32 ±0.01
TsuENH097	LG9	0.96 ±0.03	1.00 ±0.02	1.06 ±0.09	0.77 ±0.05
Hi05b02	LG10	1.13 ±0.05	0.76 ±0.04	1.30 ±0.07	0.62 ±0.01
IPPN14	LG11	1.40 ±0.06	0.96 ±0.02	0.97 ±0.04	0.67 ±0.06
MEST011	LG12	1.28 ±0.09	1.06 ±0.04	1.36 ±0.06	0.83 ±0.03
CH02e02	LG13	1.12 ±0.05	0.94 ±0.03	1.28 ±0.03	0.79 ±0.02
TsuENH093	LG14	1.05 ±0.05	1.44* ±0.02	0.98 ±0.17	0.80 ±0.02
TsuENH007	LG15	0.92 ±0.01	0.95 ±0.04	0.85 ±0.08	0.63 ±0.00
Hi22f06	LG16	0.97 ±0.01	0.86 ±0.02	0.72 ±0.06	0.71 ±0.02
TsuENH002	LG17	1.22 ±0.22	0.90 ±0.01	1.16 ±0.12	0.79 ±0.08

The SSR-qPCR results are expressed as means ± standard deviations, * indicates LGs with abnormalities of chromosomes dosage, the SSR-qPCR results for A313-2, A313-5, A313-6, A322-1, A322-3, A322-4, A322-6, A322-7, A322-8, A322-9 correspond to the chromosome productions in Fig. 3

Table S3 (Continued)

SSR name	LG in loquat	A313-5	A313-6	A313-7	A322-1
TsuENH094	LG1	1.57*±0.02	1.47*±0.03	1.00±0.00	1.03±0.03
MEST028	LG2	1.10±0.01	0.98±0.03	1.08±0.04	1.03±0.07
CH03g12	LG3	0.99±0.05	0.95±0.04	0.97±0.04	0.99±0.04
TsuENH044	LG4	0.98±0.10	1.35*±0.08	0.85±0.13	1.03±0.10
NZmsCN898349	LG5	0.93±0.10	1.00±0.04	1.42±0.05	0.94±0.10
NZmsCO754252	LG6	1.00±0.03	1.00±0.01	1.00±0.00	1.00±0.02
NZmsEB137749	LG7	1.40*±0.04	1.30*±0.02	0.84±0.03	0.98±0.01
TsuENH034	LG8	0.91±0.02	0.93±0.07	0.38±0.03	1.05±0.03
TsuENH097	LG9	1.47*±0.03	0.89±0.04	1.67±0.02	0.90±0.05
Hi05b02	LG10	1.40*±0.02	0.96±0.07	1.42±0.05	0.96±0.05
IPPN14	LG11	0.93±0.01	1.38*±0.02	0.91±0.02	1.00±0.02
MEST011	LG12	1.29*±0.07	1.49*±0.06	1.04±0.04	1.02±0.05
CH02e02	LG13	1.11±0.06	0.88±0.02	1.36±0.04	0.91±0.03
TsuENH093	LG14	1.08±0.02	1.36*±0.02	1.13±0.03	0.99±0.03
TsuENH007	LG15	0.91±0.02	0.92±0.02	1.34±0.01	0.98±0.02
Hi22f06	LG16	0.89±0.08	0.97±0.04	0.98±0.03	0.94±0.01
TsuENH002	LG17	0.99±0.22	1.00±0.17	0.96±0.05	1.05±0.02

The SSR-qPCR results are expressed as means ± standard deviations, * indicates LGs with abnormalities of chromosomes dosage, the SSR-qPCR results for A313-2, A313-5, A313-6, A322-1, A322-3, A322-4, A322-6, A322-7, A322-8, A322-9 correspond to the chromosome productions in Fig. 3

Table S3 (Continued)

SSR name	LG in loquat	A322-2	A322-3	A322-4	A322-5
TsuENH094	LG1	1.12±0.05	0.99±0.03	0.95±0.04	0.68±0.05
MEST028	LG2	1.18±0.05	0.97±0.02	0.96±0.02	0.96±0.07
CH03g12	LG3	0.99±0.05	0.98±0.04	0.99±0.02	0.99±0.03
TsuENH044	LG4	1.09±0.09	0.98±0.06	0.93±0.14	0.49±0.02
NZmsCN898349	LG5	1.03±0.04	1.01±0.03	1.00±0.08	1.00±0.03
NZmsCO754252	LG6	1.00±0.02	1.00±0.02	1.00±0.01	1.00±0.04
NZmsEB137749	LG7	0.87±0.02	1.00±0.01	0.97±0.02	0.80±0.02
TsuENH034	LG8	0.89±0.03	0.93±0.07	0.91±0.06	0.56±0.04
TsuENH097	LG9	1.03±0.01	0.94±0.04	0.94±0.06	1.04±0.02
Hi05b02	LG10	1.11±0.05	0.99±0.04	0.93±0.01	1.13±0.05
IPPN14	LG11	0.96±0.01	1.06±0.01	0.94±0.02	1.00±0.02
MEST011	LG12	1.02±0.04	1.06±0.05	1.15*±0.06	0.93±0.04
CH02e02	LG13	1.13±0.05	0.94±0.03	0.90±0.01	0.88±0.05
TsuENH093	LG14	1.06±0.01	0.97±0.03	0.91±0.01	1.18±0.06
TsuENH007	LG15	0.89±0.03	1.00±0.02	0.90±0.02	0.82±0.01
Hi22f06	LG16	0.84±0.06	0.99±0.00	0.91±0.02	0.56±0.03
TsuENH002	LG17	1.19±0.03	1.11±0.02	0.84±0.03	0.47±0.02

The SSR-qPCR results are expressed as means ± standard deviations, * indicates LGs with abnormalities of chromosomes dosage, the SSR-qPCR results for A313-2, A313-5, A313-6, A322-1, A322-3, A322-4, A322-6, A322-7, A322-8, A322-9 correspond to the

chromosome productions in Fig. 3

Table S3 (Continued)

SSR name	LG in loquat	A322-6	A322-7	A322-8	A322-9
TsuENH094	LG1	1.03±0.03	0.98±0.04	1.18*±0.01	1.19*±0.01
MEST028	LG2	1.11±0.06	1.01±0.05	0.97±0.03	1.04±0.02
CH03g12	LG3	1.01±0.04	0.96±0.02	0.99±0.02	1.19*±0.04
TsuENH044	LG4	1.29*±0.08	0.91±0.00	0.91±0.18	0.95±0.09
NZmsCN898349	LG5	0.99±0.03	0.95±0.05	1.25*±0.05	1.23*±0.06
NZmsCO754252	LG6	1.00±0.01	1.00±0.03	1.00±0.01	1.00±0.05
NZmsEB137749	LG7	0.98±0.00	0.94±0.04	1.21*±0.03	1.08±0.01
TsuENH034	LG8	1.15*±0.02	1.17*±0.03	0.94±0.04	0.86±0.02
TsuENH097	LG9	1.02±0.02	1.16*±0.01	0.99±0.00	0.98±0.04
Hi05b02	LG10	1.02±0.04	0.98±0.05	0.93±0.07	1.07±0.01
IPPN14	LG11	0.95±0.01	0.97±0.03	1.03±0.01	1.03±0.02
MEST011	LG12	0.87±0.05	1.03±0.05	1.05±0.03	1.19*±0.02
CH02e02	LG13	1.01±0.03	0.95±0.03	1.18*±0.03	1.03±0.01
TsuENH093	LG14	1.02±0.02	0.99±0.03	1.17*±0.01	1.27*±0.04
TsuENH007	LG15	0.96±0.03	0.91±0.01	0.98±0.02	0.96±0.01
Hi22f06	LG16	1.11±0.02	0.84±0.11	0.93±0.04	1.09±0.00
TsuENH002	LG17	1.02±0.07	1.11±0.02	1.03±0.02	1.21*±0.02

The SSR-qPCR results are expressed as means ± standard deviations, * indicates LGs with abnormalities of chromosomes dosage, the SSR-qPCR results for A313-2, A313-5, A313-6, A322-1, A322-3, A322-4, A322-6, A322-7, A322-8, A322-9 correspond to the chromosome productions in Fig. 3