

Table S1. BLAST comparison between soursop and cherimoya genes.

<i>Annona muricata</i> L.	<i>Annona cherimola</i>	Chr	%ID	e-value
PG02	Anche102Chr1g0081140.1	1	95.65	0
PG15	Anche102Chr7g0106760.1	7	92.88	1 x 10 ⁻¹³⁷
PG16	Anche102Chr5g0035880.1	5	96.19	0
PG19	Anche102Chr7g0077190.1	7	97.98	2 x 10 ⁻⁴²
PG20	Anche102Chr3g0033310.1	3	96.39	0
PG21	Anche102Chr3g0033310.1	3	94.99	0
PG22	Anche102Chr3g0012310.2	3	95.05	0
PG23	Anche102Chr7g0106760.1	7	89.04	1 x 10 ⁻¹⁵³
PG26	Anche102Chr7g0077190.1	7	96.76	2 x 10 ⁻⁹⁹
PG27	Anche102Chr7g0077190.1	7	94.90	3 x 10 ⁻¹²⁹
PG28	Anche102Chr7g0077200.1	7	93.40	0
PG30	Anche102Chr7g0077220.1	7	95.30	7 x 10 ⁻¹⁰³
PG32	Anche102Chr7g0106760.1	7	90.45	0
PG33	Anche102Chr7g0129950.1	7	94.28	1 x 10 ⁻¹⁴³
PG34	Anche102Chr7g0077230.1	7	95.09	1 x 10 ⁻¹¹⁶
PG35	Anche102Chr7g0106760.1	7	92.12	3 x 10 ⁻⁹³
PG44	Anche102Chr3g0055870.1	3	95.89	5 x 10 ⁻¹⁵⁶
PG48	Anche102Chr4g0012330.1	4	94.67	0
PG51	Anche102Chr1g0028910.1	1	96.14	1 x 10 ⁻¹⁰⁵
PG52	Anche102Chr1g0028910.1	1	97.04	1 x 10 ⁻⁷⁵
PL26	Anche102Chr6g0072610.1	6	96.42	0
PL12	Anche102Chr7g0077190.1	7	93.69	1 x 10 ⁻⁸³
PL19	Anche102Chr3g0055870.1	3	93.85	4 x 10 ⁻⁴⁹
PMEi01	Anche102Scf0009g0001120.1		94.24	0
PMEi04	Anche102Chr6g0059810.1	6	92.05	1 x 10 ⁻⁶⁵
PMEi05	Anche102Chr6g0060410.2	6	94.48	0

PMEi06	Anche102Chr1g0037970.1	1	95.00	1×10^{-132}
PMEi11	Anche102Chr5g0013680.1	5	96.25	0
PMEi13	Anche102Scf0009g0001190.1		95.13	0
PMEi14	Anche102Scf0009g0001170.1		91.20	3×10^{-79}
PMEi17	Anche102Chr1g0037990.1	1	94.15	0
PMEi21	Anche102Chr5g0076180.1	5	95.00	0
PMEi22	Anche102Chr1g0011750.1	1	96.46	5×10^{-103}
PMEi29	Anche102Chr1g0080830.1	1	89.93	9×10^{-100}
PMEi32	Anche102Chr1g0080840.1	1	94.04	0
PMEi38	Anche102Scf0005g0001950.1		94.24	0
PMEi39	Anche102Scf0005g0001970.1		94.36	0
PME01	Anche102Chr1g0011490.1	1	93.63	1×10^{-81}
PME06	Anche102Chr6g0059810.1	6	94.79	2×10^{-35}
PME07	Anche102Chr6g0059720.1	6	93.83	4×10^{-174}
PME08	Anche102Chr6g0059810.1	6	97.16	2×10^{-98}
PME13	Anche102Chr1g0037970.1	1	96.91	0
PME17	Anche102Chr1g0065340.1	1	95.96	1×10^{-86}
PME19	Anche102Chr6g0060410.2	6	75.71	2×10^{-19}
PME21	Anche102Chr1g0011470.1	1	95.58	0
PME26	Anche102Chr1g0011490.1	1	95.52	2×10^{-98}
PME27	Anche102Chr1g0011480.1	1	95.12	0
PME30	Anche102Chr1g0011490.1	1	92.31	2×10^{-157}
PME31	Anche102Chr1g0011490.1	1	95.80	6×10^{-130}
PME32	Anche102Chr1g0011490.1	1	92.42	1×10^{-81}