

Supporting information for Sanjur *et al.* (2002) *Proc. Natl. Acad. Sci. USA* **99** (1), 535–540.
(10.1073/pnas.012577299)

Aligned sequences for *Cucurbita* species. Highly variable regions were excluded from the alignment.

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GGTCTGATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGTCTGATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGTCTGATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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TGTGCGCCTTGTGAGCGCTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCCGGGAACGGACTGGA
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GGTCTGATTCTTATTGTGCGCCTTGTGAGCGCGTTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGTCTGATTCTTATTGTGCGCCTTGTGAGCGCGTTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GTCTGATTCTTATTGTGCGCCTTGTGAGCGCGTTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCCG
GGAACGGACTGGAGGGAATCGCAGCATGGGGAATGTCCGCGTCTCGTTCGCAAGGCTCATTGTTGAGTTGTGGGTC----
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GGTCTGATTCTTATTGTGCGCCTTGTGAGCGCGTTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GAGCCACATGCAGGGAAACTTGCACGTGTGGTTCTGGCCGGGGACCCCGGTATACTGTACTAATATGTGTAGGTCCCCGT
AATTCGAGTGAGATTGTCATGGCGCAAAGCAGATATGGTC

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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
GGGAACAGACTGGAGGGAATCGCAGCATGGGGAATGTCCGCGTCTCGTCGCAAGGCTCATTATAGTTGTGGGTCTATAGG
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GAGCCACATGCAGGGAACTTGCACGTGTGGTTCTGGCCGGGGACCCCGGTATACTGTACTAATATGTGTAGGTCCCCGT
AATTCGAGTGAGATTGTCATGGCGCAAAGCAGATATGGTC

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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GAGCCACATGCAGGGAAACTTGCACGTGTGGTTCTGGCCGGGGACCCCGGTATACTGTACTAATATGTGTAGGTCCCCGT
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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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AATTCGAGTGAGATTGTCATGGCGCAAAGCAGATATGGTC

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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGAGTTTATCTGATCAAGGGCCGGGGCACAAGGGTCTGGTACTATCCAGGTGCGAAGAACCACGGGGGTGACTGCAATG
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AGGCTAGAAAAGGAACCCAGCCAGCCTCGGAAATCAAGCTTTGCGTGGTATGCCCTGCCTATTCACTCGGACAATG--
CTCTGAACACGAAAGTGTGCAGTTCTGCCCCCTTCTCCATCCATGCTGAGTACAGGCAGCGCCTCGGAAAGCACGTAC
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AATTCGAGTGAGATTGTCATGGCGCAAAGCAGATATGGTC

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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGAGTTTATCTGATCAAGGGCCGGGGCACAAGGGTCTGGTACTATCCAGGTGCGAAGAACCACGGGGGTGACTGCAATG
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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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AATTCGAGTGAGATTGTTCATGGCGCAAAGCAGATATGGTC

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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GAGCCACATGCAGGGAACTTGCACGTGTGGTTCTGGCCGGGGACCCCGGTATACTGTACTAATATGTGTAGGTCCCCGT
AATTCGAGTGAGATTGTTCATGGCGCAAAGCAGATATGGTC

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GAGCCACATGCAGGGAACTTGCACGTGTGGTTCTGGCCGGGGACCCCGGTATACTGTACTAATATGTGTAGGTCCCCGT
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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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Cucurbita foetidissima 62
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Cucurbita ficifolia 63
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Cucurbita ficifolia 65
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Sechium edule
GGTCTTATTCTTATTGTGCGCCTTGTGAGCGCGTTTGGATCCGCGAAGGCAATCGCTCGGATGTTCTCCTAACCCAACCC
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GGGCGGAGCTGACTGATGAGTGCCTTTTTAGCCTTTTTCTAAAGGCTCTCATGTGAAGCTAACATGGCTGGCTACATAC
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CTCTGAACACGAAAGTGTGCAGTTCGCCCCCTTCTCCCAT----
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