CEZ

ATGGATCGAGTTTTGGTGGCTTCATATCCAATCAATCATCTGATTCGACCTCACAGTTTCCGTATCGATTACTGTTGGAGCACTTGTTTCACTTCCAGGTTGAATTCTGGTA
AAGAACGGCAGAAGTTGAGCTCGAGGTGGCGATGGCGATCCATGGCCTCGGATTCTACTGACTCTTCTTCTTCTTCTTCTTTTGCTCCGTCTGTTGAATCTGATCCTTCGGA
TAAAACTTCAGCCAGTTTTTGTATCATAGAGGGACCGGAAACAGTACAAGATTTTGCAAAAATGGAACTGCAAGAGATTCAGGAGAACATTCGAAGTCATCGAAACAAA
ATTTTCTTGCATATGGAAGAGGTTCGTCGGCTGAGGATACAACAGAGAATAAAGAATGCAGAACTTGGAATTTCAAAGGAAGAGCGAGAGAATGAATTACCCAATTTTC
CATCATTCATTCCATTCTTACCCCCGCTGAGTTCAGAGAACCTGAAGCTGTACTATGTTACATGCTATTCTCTTATTGCTGGCATAATACTATTTGGAGGTCTATTAGCACCC
ACGCTTGAGCTGAAGCTGGGACTGGGAGGTACATCATATGAAGATTTTATTCGTAGTGTGCATCTCCCAATGCAGCTAAGTCAAGTTGATCCGATTGTGGCATCTTTTTCG
GGAGGAGCAGTCGGGGTGATTTCAGCCCTTATGGTTGTTGAAGTAAACAATGTAAAGCAACAAGAGCATAAAAGATGCAAATACTGTCTTGGCACTGGATACTTGGCAT
GTGCTCGCTGTTCAAACACAGGAGCTCTTGTGCTGATTGAGCCAGTATCGACTTTAAATGGTGAACATCAGCCTCTGTCGCTACCTAAGACTGAAAGATGCCAAAATTGTT
CGGGTTCAGGAAAGGTTATGTGCCCTACATGTCTTTGTACTGGTATGGCAATGGCTAGTGAACACGACCCACGAATTGATCCCTTCGACTAG

'low β'

ATGGATCGAGTTTTGGTGGCTTCATATCCAATCAATCATCTGATTCGACCTCACAGTTTCCGTATCGATTACTGTTGGAGCACTTGTTTCACTTCCAGGTTGAATTCTGGTA
AAGAACGGCAGAAGTTGAGCTCGAGGTGGCGATGGCGATCCATGGCCTCGGATTCTACTGACTCTTCTTCTTCTTCTTCTTTTGCTCCGTCTGTTGAATCTGATCCTTCGGA
TAAAACTTCAGCCAGTTTTTGTATCATAGAGGGACCGGAAACAGTACAAGATTTTGCAAAAATGGAACTGCAAGAGATTCAGGAGAACATTCGAAGTCATCGAAACAAA
ATTTTCTTGCATATGGAAGAGGTTCGTCGGCTGAGGATACAACAGAGAATAAAGAATGCAGAACTTGGAATTTCAAAGGAAGAGCGAGAGAATGAATTACCCAATTTTC
CATCATTCATTCCATTCTTACCCCCGCTGAGTTCAGAGAACCTGTAGCTGTACTATGTTACATGCTATTCTCTTATTGCTGGCATAATACTATTTGGAGGTCTATTAGCACCC
ACGCTTGAGCTGAAGCTGGGACTGGGAGGTACATCATATGAAGATTTTATTCGTAGTGTGCATCTCCCAATGCAGCTAAGTCAAGTTGATCCGATTGTGGCATCTTTTTCG
GGAGGAGCAGTCGGGGTGATTTCAGCCCTTATGGTTGTTGAAGTAAACAATGTAAAGCAACAAGAGCATAAAAGATGCAAATACTGTCTTGGCACTGGATACTTGGCAT
GTGCTCGCTGTTCAAACACAGGAGCTCTTGTGCTGATTGAGCCAGTATCGACTTTAAATGGTGAACATCAGCCTCTGTCGCTACCTAAGACTGAAAGATGCCAAAATTGTT
CGGGTTCAGGAAAGGTTATGTGCCCTACATGTCTTTGTACTGGTATGGCAATGGCTAGTGAACACGACCCACGAATTGATCCCTTCGACTAG

Figure S3: *CmOr* coding sequence of CEZ and 'low β'. The six SNPs that define the allelic variation of *CmOr* (Tzuri et al., 2015) are highlighted in yellow; the defined 'golden' SNP is also bolded and underlined. CEZ and 'low β' share the dominant allele of orange fruited melon plants (A in the 'golden' SNP). The sequence difference between CEZ and 'low β' is highlighted in green; a transversion of A^{487} to T changes AAG to TAG which changes the lysine codon into a STOP codon.