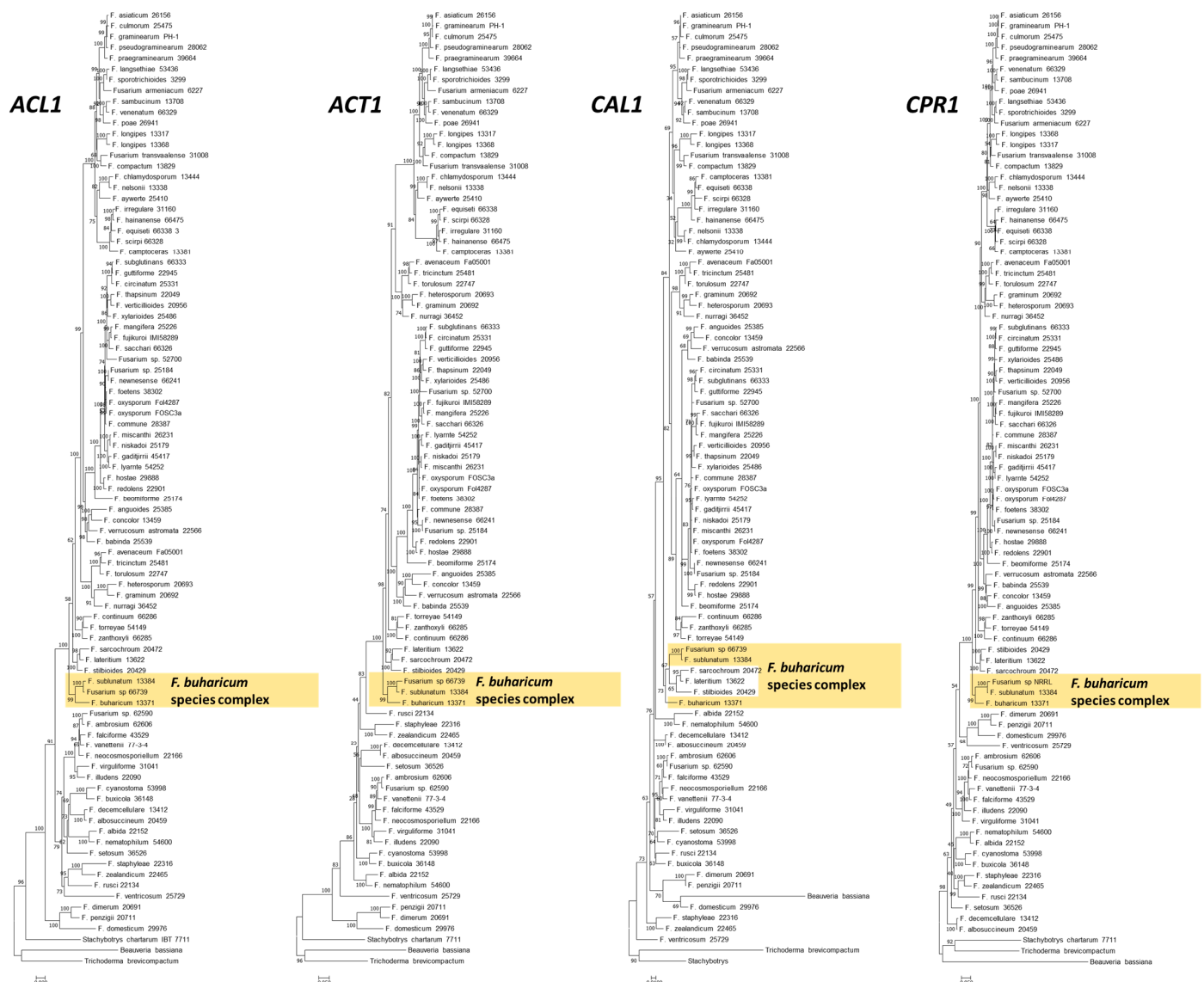


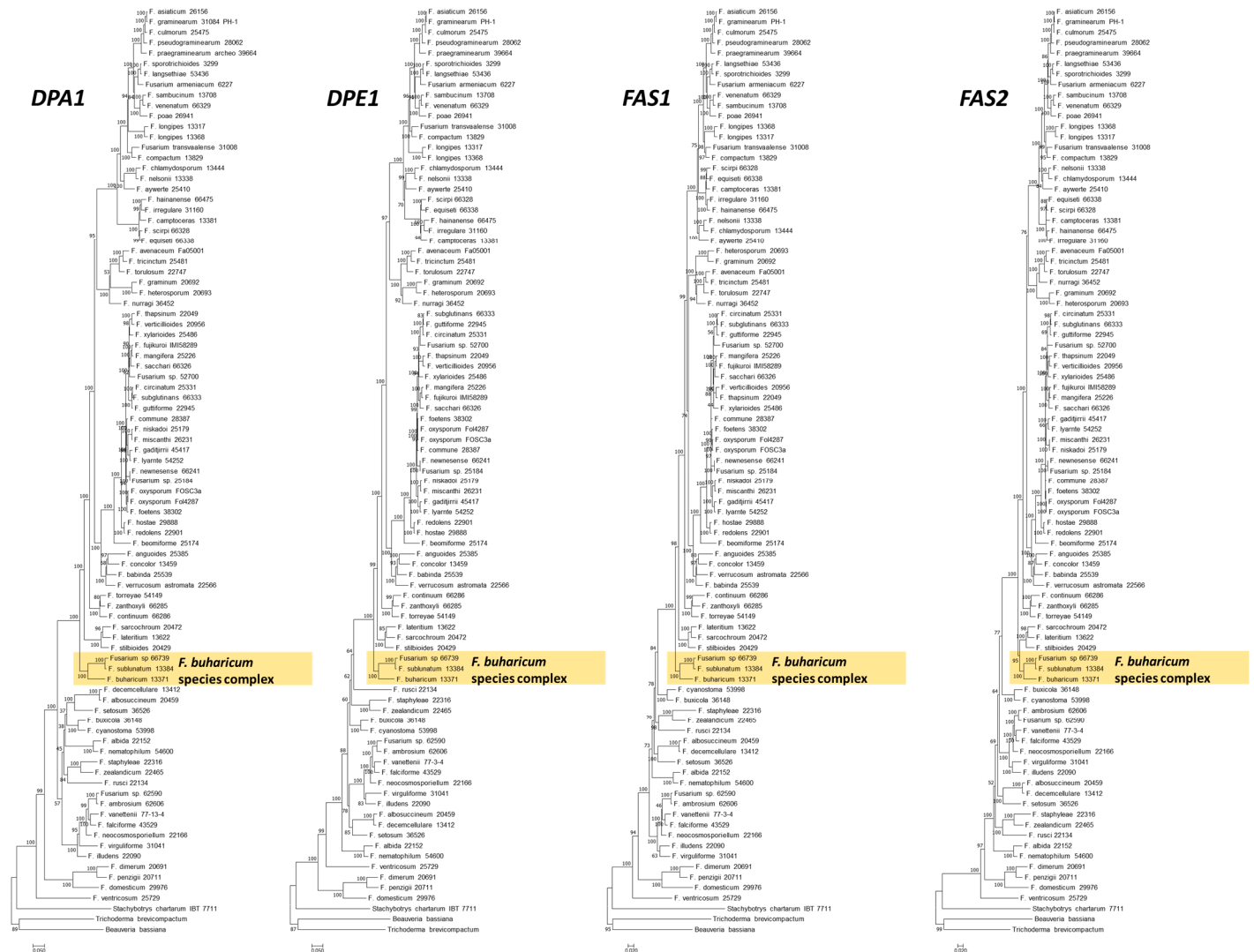
Article

A Novel Trichothecene Toxin Phenotype Associated with Horizontal Gene Transfer and a Change in Gene Function in *Fusarium*

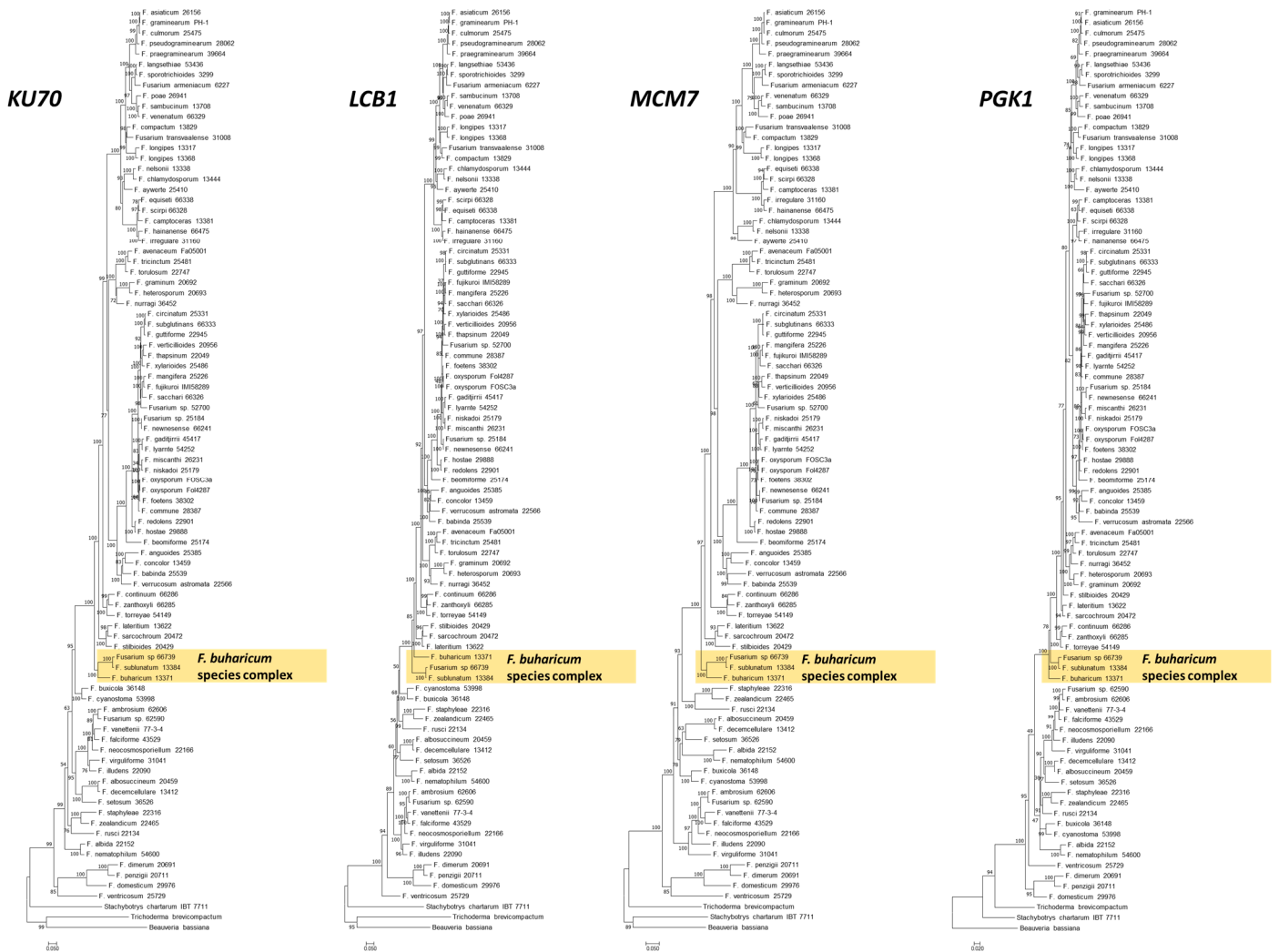
Robert H. Proctor, Guixia Hao, Hye-Seon Kim, Briana K. Whitaker, Imane Laraba, Martha M. Vaughan and Susan P. McCormick



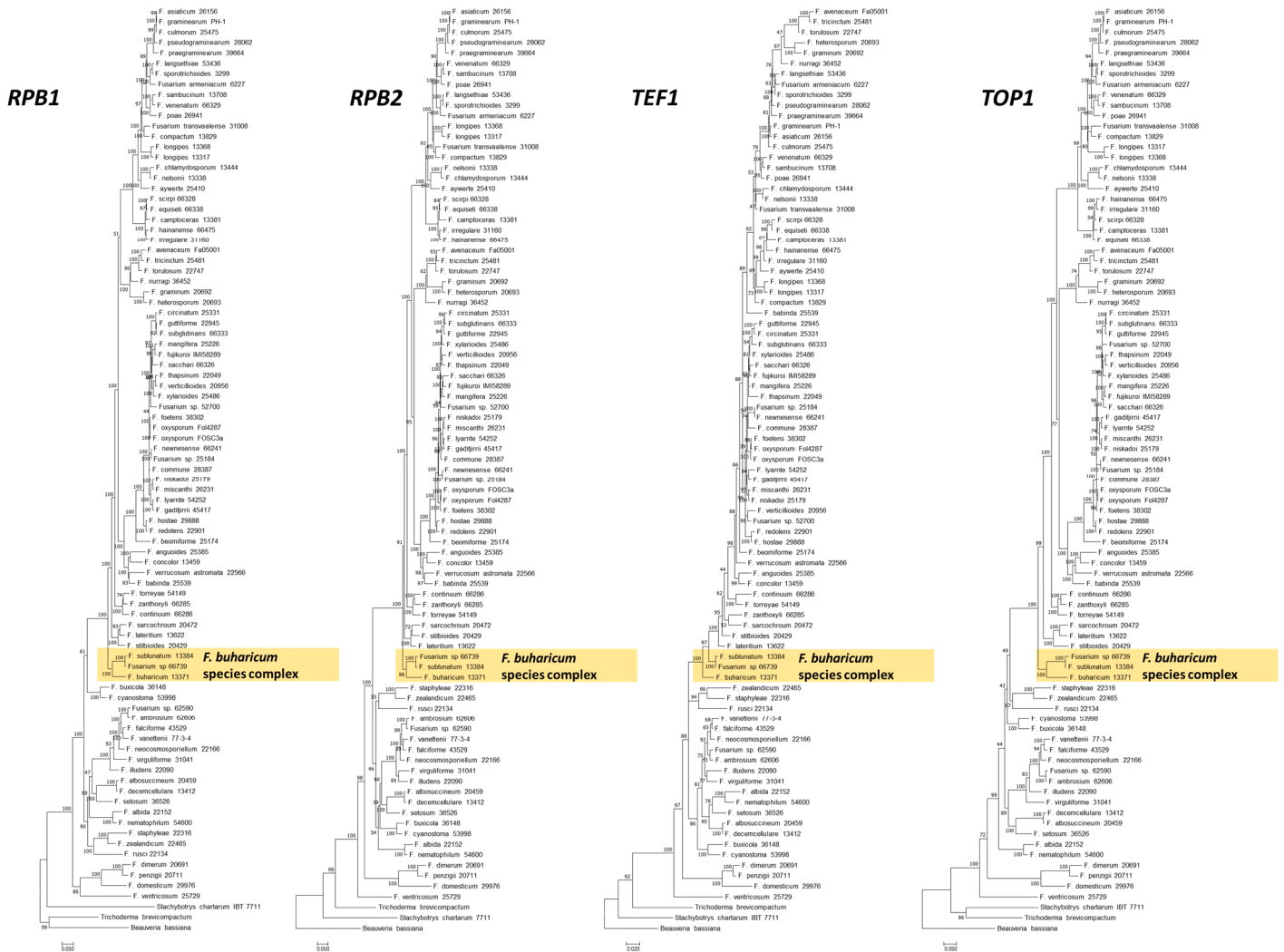
Supplementary Figure S1 continued

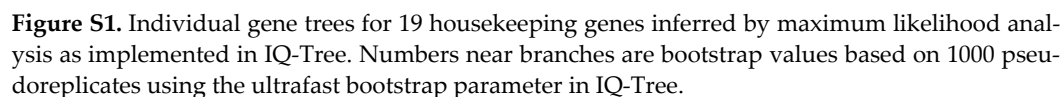


Supplementary Figure S1 continued



Supplementary Figure S1 continued





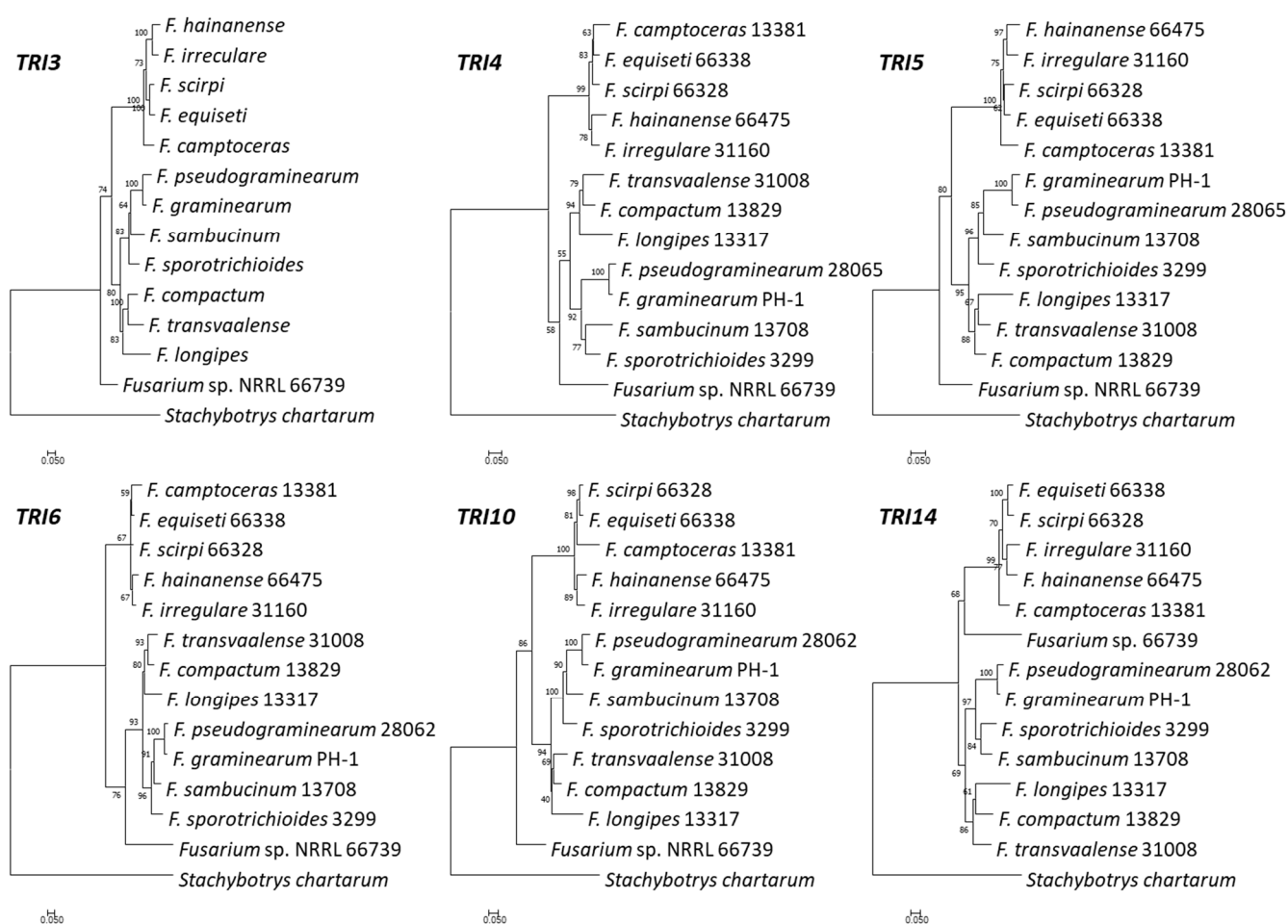


Figure S2. Individual gene trees for six trichothecene biosynthetic (*TRI*) genes inferred by maximum likelihood analysis as implemented in IQ-Tree. Numbers near branches are bootstrap values based on 1000 pseudoreplicates using the ultrafast bootstrap parameter in IQ-Tree.

Table S1. PCR primers used in this study.

Primer name	Sequence (5' → 3') ^a
TEF1-5-up	<u>GGACTTAAU</u> CCGCGGATCCAGCAAACGGT
TEF1-3	GTTTGACGGTTGTGTATGGAAGATTGAGTG
TEF1-664F	AAGCTTTGACCTCCTCGAGC
TRI13-5	<u>ACACAACCGTCAAAC</u> ATGATATTCATTTCAATTCGCGCTGGCAC
TRI13-3-down	<u>GGGTTTAAU</u> TTATTCGATATAAAGACTAGTCTCTC
TRI13-399R	GCGGTGGGCTCTAAAGGTAG
CPM1-5	<u>ACACAACCGTCAAAC</u> ATGATATTCATTTCAATTCGC
CPM1-3-down	<u>GGGTTTAAU</u> TCAGTTATGTAAGTGGTAAACTTGATCAG
CPM1-437R	AAATACCGCCAGACCTGTCTG

^a A single underline indicates sequence added to primers to facilitate USER cloning (New England Biolabs). A double underline indicates sequence complementary to the 3' end of *AbTEF1*pro that were added to primers to facilitate fusion of *AbTEF1*pro with the *TRI13* or F1155_1930 coding regions.