

Supplementary Table 1. Primers used in constructing hybrid endonuclease genes.

The common primers	I-TevI forward primer: IDT0147, 5'-GGCGGCTCTAGAA-ATAATTTTGTTTAACTTTAAGAAGGAGATATACATATGAAAAGCGGAATTTATCAG-3'
	I-BmoI reverse primer: IDT0148, 5'-CCGGATCCTTAAT-CCTATTTGTAAAAGTATCC-3'
The specific primers to amplify H-TevBmoV1:	Tev-Nfrag, 5'-ACACATTGCCATCGCTTAGCTTTCCGAC-CATCAGGTCCAAG-3'
	8718-Cfrag, 5'-GCTAAGCGATGGCAATGTGTTCAAGG-3'
The specific primers to amplify H-TevBmoV2:	IDT0149, 5'-AAGAAACGTTCTGAATTGAAGAAAGTTT-ATTTGAAGATGACA-3'
	IDT0150, 5'-CTTCAAATAAACTTTCTTCAATTCAGAAC-GTTTCTTAATAAT-3'
The specific primers to amplify H-TevBmoV3:	IDT0151, 5'-TGGAATCCAGAAACCCATGAAACGACA-AAGCTAAAG-3'
	IDT0152, 5'-AATCTTTAGCTTTGTCGTTTCATGGGTTT-CTGGATTCCAACG-3'
The specific primers to amplify H-TevBmoV4:	IDT0155, 5'-GCTTATACTTGTAGTAAATGCTCTCAAA-GAGTGGGTGAAAAA-3'
	IDT0156, 5'-TTTTTCACCCACTCTTTGAGAGCATTAC-TACAAGTATAAGC-3'
The specific primers to amplify H-TevBmoV5:	IDT0153, 5'-ACTTGTAGTAAATGCGAAACGACAAAGC-T-AAGATTTCAAAT-3'
	IDT0154, 5'-AATCTTTAGCTTTGTCGTTTCGCATTAC-TACAAGTATAAGC-3'