

Supplementary Data

Figure 1A. *attB* Sites

<i>attB0</i>	TCAAGTTAGTATAAAAAAGCAGGCT
<i>attB1</i>	<u>A</u> CAAGTTTGTAC <u>A</u> AAAAAAGCAGGCT
<i>attB1.1</i>	CAAC <u>T</u> TTTGTAC <u>A</u> AAAAAG <u>T</u> TTG
<i>attB2</i>	<u>A</u> CAAGTTTGTAC <u>A</u> AC <u>A</u> AGCTGG <u>G</u> T
<i>attB2.1</i>	CAAC <u>T</u> TTTGTAC <u>A</u> AC <u>A</u> AGTTG
<i>attB3</i>	CAAC <u>T</u> TTTGTATAAT <u>A</u> AGTTG
<i>attB4</i>	CAACTTTGTATAGAAAAGTTG

Figure 1B. *attB* reading-frames

Standard Gateway
L1-ORF-L2 x R1-R2

ACAAGTTTGTACAAAAAAGTTGGCTNN-ORF-NACCCAGCTTTCTTGTACAAAGTGGTN

T S L Y K K V G P A F L Y K V V

New Entry Clone in standard Dest vector
L1.1-ORF-L2.1 x R1-R2

ACAAGTTTGTACAAAAAAGTTGGA-ORF-GCAACTTTCTTGTACAAAGTGGTN

T S L Y K K V G A T F L Y K V V

New Entry Clone in new Dest Vector
L1.1-ORF-L2.1 x R1.1-R2.1

NCAACTTTGTACAAAAAAGTTGGA-ORF-GCAACTTTCTTGTACAAAGTTGNN

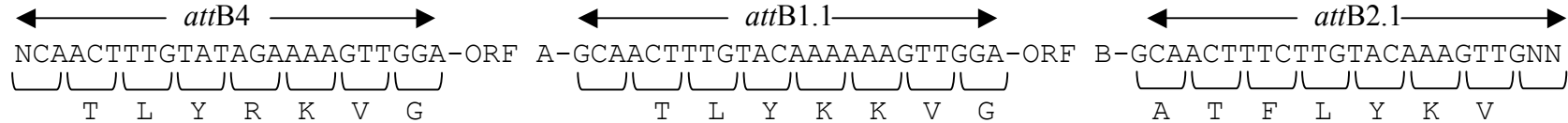
T L Y K K V G A T F L Y K V

Figure 1C.

attB reading-frames in two- and three-segment Expression Clones

Two-fragment cloning

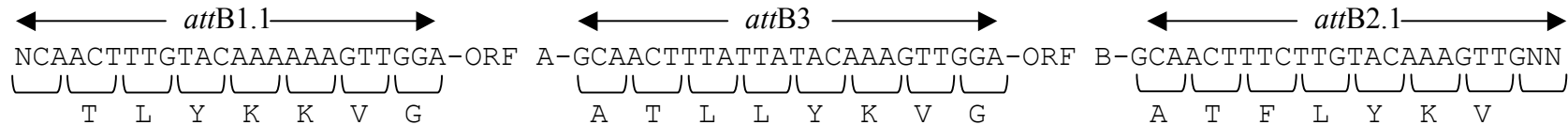
L4-ORF-R1.1 x L1.1-ORF-L2.1 x R4-R2.1



L1.1-ORF-L2.1 x R2.1-ORF-L3 x R1.1-R3



L1.1-ORF-L3 x R31-ORF-L2.1 x R1.1-R2.1



Three-fragment cloning

