

A)

T3\_5'-end of flanking junction:

5'-  
TGAAGTGCTGCAGCAACTTGAACGGGCACTCCATTGATCCGTATAGGATTCACGTAATGAAT  
CGGCCAACGCGCGGGGAGAGGCGGTTTTCGTATTGGGCGCTCTTCCGCTTCTCTCAACC  
AAGTCATTCTGAGAATAG-3'

T3\_3'-end of flanking junction:

5'-  
CGCTCAGTGGAACGAAAACCTCACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAGGATCT  
TCACCTAGATCCCTTTTATTATACTCTGGACGGAAAACGCCCATCGACGTCACACACGCACCG  
ACCATCATACTCTGGACGGAAAACGCCCATCGACGAAACAACGAGGCGAGAC-3'

B)

T6\_5'-end of flanking junction: 5'-

TCGCTCTCGAACTCGCGTCGCATCGACCAATGACCAATATTCCGATTGGTATGGCTTCATTC  
AGCTCCGGTTCC-3'

T6\_3'-end of flanking junction:

5'-  
GCTGCATGTGTCAGAGGTTTTACCGTCATACCGAAACGCGCGAGACGAAAGGGCCTCGT  
GATACGCCTATTTTTATAGGTTAATGTCATGATAATAATGGTTTCTTAGACGTCAGGTGGCAC  
TTTTCGGGGAAATGTGCGCGGAACCCCTATTTGTTTATTGCGTCGATGCGACGCGAGTTATG  
GGACCATTAACCGACCTCGGTGCGTTCTTGATGTTCTGTTTCTCCGCCTGTACCCGC-3'

C)

T16\_5'-end of flanking junction:

5'-  
TGACCCGAGGACGCGTTCGTGGGCGACGCCGGGAGGTCTTCCTGCGCCAAGGCCGGCAG  
ATCCCTGGGATCTGCGTCTCCAAAAGCGCTGGACCCTCACCAGTCACAGAAAAGCATCTTAC  
GGATGGCATGACAGTAAGAGAATTATGCAGTGCTGCCATAACCATGAGTGATAACACTGCG  
GCCAACTTACTTCTGACAACGATCGGAGGACCGAAGGAGCTAACCCTTTTTTGCACAACAT  
GGGGGATCATGTAACCTCGCCTTGATCGTTGGGAACCGGAGCTGAATGAAGCCATACCAAAC  
GACGAGCGTGACACCACGATGCCTGTAGCAATGGCAACAACGTTGCGCAAACATTAACCTG  
GCGAACTACTTACTCTAGCTTCCC GGCAACAATTAAGACTGGATGGAGGCGGATAAAGTT  
GCAGGACCACTTCTGCGCTCGGCCCTCCGGCTGGCTGGTTTATTGCTGATAAATCTGGAG  
CCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGCACTGGGGCCAGATGGTAAGCCCTCC  
GTATCGTAG-3'

T16\_3'-end of flanking junction:

5'-  
TATTATCCCGTATTGACGCCGGGCAAGAGCAACTCGGTGCGCCGATACACTATTCTCAGAA  
GACTTGGTTGAGTGGCGCGGACGGACGACCCCCCATCTCGCGCCGCGCCACGCGT-3'

Figure S6. PCR-product sequences corresponding to both flanking regions (5'-end and 3'-end) of the pOLK4 vector (dark blue) integration site in the (A) T3, (B) T6 and (C) T16 clonal lines. The insertions of foreign DNA of non-vector origin are shown in red. The light blue represents the duplicated region of the vector.