

	10	20	30	40	50	60	70	80	90	100	
TsuRTP001	TATGCCAAGTTCTTA
TsuRTP002
TsuRTP003
TsuRTP004
TsuRTP005
TsuRTP011
TsuRTP012
TsuRTP013
TsuRTP014
TsuRTP015	TTTGTGACAATTGTAGTA
TsuRTP016
TsuRTP017	CAGCCTAGTACTTCACCTGGGGAGCTCCAGT-ATGTTGTGAGGAAGAAAGACGGAACCTTGAGG
TsuRTP018	ACTGAAGACCTGATGCGACGTTTGTGTTG
TsuRTP019	CAACCCAAGCAGGTAGTGCGCTCGGGGGAGGCCTGTGGATAGGCTAACGGGAAATCCATGCCCTGAGAGC
TsuRTP020	TTCTTGACACTTTGGCCTTATAATCTGAAAATACACAAAAGTGGCCTTAAACACTG
TsuRTP021	GATTACATGCTTAAAGAAGATTCTCGCATTCAACGTTCCAATTCTCGTTCATATAGATTTCTGATGTTCTACTGCTATAAATTCTATAA
TsuRTP022

	110	120	130	140	150	160	170	180	190	200	
TsuRTP001	AAGGAGCTTGCACCCTAGGAAGAGGATGTCGACCAAGGAGGTGGTAAAAGGTAGGTGAAAAATGTCTCGCCATCTGCAACGCAAACCTACCCCCAA
TsuRTP002	TTGTCAGGTCTACTGTTAGAATGGTTGATGTCGAGGCTTCGATCCATCATGATGACATGTTATTGTCAACAAAT
TsuRTP003
TsuRTP004
TsuRTP005
TsuRTP011	AGGCATTTAGGCGTAGGGTGTAGGCCAATCACGCCACAGAGGACATAT
TsuRTP012	ACCTTCTCGTTGACTTTTATAAAATTGTGCCACCTTACG
TsuRTP013	AAACCATCATCACCAATCTGCCGCAAGCAAAGGA-AAGGAGATTAGATTCACTCAATTGTGGCTCTTCATTCTGAGTT
TsuRTP014	ATTCTTGAGCTTAAACCATGCGGATCATTGAGATGTCTATTGGGAGAGAATGAGACGTTGCCCCTGATAGTT
TsuRTP015	ATGATGTAAGTAGGGATCGTTCTAACCGGGGATTAACCTAGGGGTGCTAACACTGACTCAAATAAAACTAATCTTTAAAACACTTAACACTCACT
TsuRTP016	ATAGACGTAAGGTTAGCCATTGGAGTTGAACTCAGAAATAGAACCTACCTCATTACATGATATGGCGTGGGTGTCCTCTGCCAA
TsuRTP017	CTATGTTATTGATTATCGACAATTGAACTGGGTGACGATTAAAACCGTTATCGTTGCCGCTATTGATGATTGTTGATCAGCTCGAGGTGCTGTG
TsuRTP018	AGTATTTCACACTCAAGGGGGAGTATCAGATCAGGAATGTTGAAATCTAGTGTATCTAGGAGATATCTTGATATTCTTATTAGGAGTTGATT
TsuRTP019	CTAATGGCTGTGTGATGTTGGCTGACCTCGGGGTGACCCGACTGAAATTCTGTTCTTGTCAAATCTGAAAAGAACGGGATGCATACAGG
TsuRTP020	AAATAGATAAGAACACAACTAAATGACAGAGAACAGCTAAATTAGTCGATGAATATGCTCTATCAGTTAGTTCTCTTGTGATCAACCT
TsuRTP021	AATTATTGAATAAAAGTATAAGAAAATACAAATGATAAGAAATTGGAAACCACAAATGAATGAAGCTTCTACTTTCAAAGATCCGGATCAAGTGTG
TsuRTP022	GGAATAGCTGCTCCATGCTCAAGAGTAACGGGATAGTGGCTGAGGCCACGCACATGCAATGAGATTGCCAACCTTAACTAGG

	210	220	230	240	250	260	270	280	290	300	
TsuRTP001	ATGCAAAGATCCGGTAGTTTACCATCCTTGTCTCATAGGTAACACGCGTTAAATCTGCCATGCTAGACCTAGGTGTTGGAAGTATGCCACAAAG
TsuRTP002	ATGATTGTGGAAGATGAGATGATTGATGTCGTCGATGAATACGAGCCAATCTAATGAAACAATTCAAGAACACGTTGTTGGAAGTATGCCACAAAG
TsuRTP003	CGTACTACAATTGCTAAATTAGGTTAAATATGTTGGAAGTATGCCACAAAG
TsuRTP004	GAAGAATTATTTGCAAGGCTGAATCAGGTTGGTGTGACCCACATCTGCTGATCACCTTGTGTTGGAAGTATGCCACAAAG
TsuRTP005	ACAAGTAACCTACAAACAAAGCATAAACCAAAGAGTATATCAAACGTCATCCATGTTGAACTTTCTTAACCTGTTGGAAGTATGCCACAAAG
TsuRTP011	CTTCCAATCCGAGTCACAACATTGATTCTGTTAGGTTAACTAGTATTGCAATGACTTAAACCAAGTCACCTTGTGGAAGTATGCCACAAAG
TsuRTP012	TTATTTGACGCCCTGATTCCAATCCGACTTCGTTCCCAAATTAAATTGTTGAGTTGAAAGTAACTATGGGTTGTTGGAAGTATGCCCTACAAAG
TsuRTP013	GTTGAACATTATTTGGGTGATTCTTATATTCAATGCTAATTGTAATTCTGTAATCTTGTGTTGCTGAGTTGTTGGAAGTATGCCACAAAG
TsuRTP014	CTCATCCCTCACGTCATGGAGGAGAAATTGGATTCCGGGTGTTGAAAGAGCACAAAACGCCATAGGATGGACTGTTGGAAGTATGCCACAAAG
TsuRTP015	TAACGAAAACCTAAACAAAGTCCACAAAGACTCCTAAACTTAAAACACAAAATAAGATAGATTAGAATGACTAAACAAAATGTTGGAAGTATGCCACAAAG
TsuRTP016	CACCTTCATATTGTTGAGGTGAGTCGATTGCAATGAGAGTTTGGCATCCCTAGGTGTCCTGACTAGTGTGGAAGTATGCCACAAAG
TsuRTP017	TATTCTCCAAGATTGACTTGAGGTGCGGTTACCATCAGCTGAAGATTAGTAGGGATGATGTTCTAAGACGGCCTGATGTTGGAAGTATGCCACAAAG
TsuRTP018	ACCTATTAAAGAGATGTAATCCTAAAAGGGTATGGATTCTCTATCAGTACTATAAAAGGCATAAGGGGTGATGTTGGAAGTATGCCACAAAG
TsuRTP019	GAATTAAGCCCTGATTAAACCACAAAGAATTGCAACACACAGGTTAAAGCTCAAGAACGCAAGATAGTGTATATGTTGGAAGTATGCCACAAAG
TsuRTP020	TCGTGTCAGCTTCTCACATGCTGCACATCCAGACAAATTGACAAGTGTAGCAATCTGCAAGTTATTCCTGTTGGAAGTATGCCACAAAG
TsuRTP021	AGATTGCAATGTCGACCAACACCAATGATCCACAAAGGCTAACCGCCTGAAACGCAACTTGCCATCATGGAGTGTGGAAGTATGCCACAAAG
TsuRTP022	CCAATTGAGACGTTATGACCACAGGTATTATCCTAGTGCCCCGTGAAGTTGGCCGCTAAACCTAAGTCATGTTGGAAGTATGCCACAAAG

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	610	620	630	640	650	660	670	680	690	700
TsuRTP001	GTCTCAAGTCATTTAGTGTT	GGAC	ACTAAGACA	AAACACATAGGT	-----					
TsuRTP002	GTCTCAAGTCATTTAGTGTT	GGAC	ACTAAGACA	AAACACATAGGT	-----					
TsuRTP003	GTCTCAAGTCATTTAGTGTT	GGAC	ACTAAGACA	AAACATAGGTGCTCGAAAAAGTAATCGAGTACACTGA	ACTGAAACTAGGATCAAAGAGAGTTCAAACA					
TsuRTP004	GTCTCAAGTCATTTAGTGTT	GGAC	ACTAAGACA	AAACATAGGTGCTCGAAAGA	GTAATCGAGTACACTGA	ACTATGATCAAAGAGAGTTCAAACA				
TsuRTP005	GTCTCAAGTCATTTAGTGTT	GGAC	ACTAAGACA	AAACATAGGTGCTCGAAAGA	GTAATCGAGTACACTGA	ACTATGATCAAAGAGAGTTCAAACA				
TsuRTP011	GTCTCAAGTCATTTAGTGTT	GGAC	ACTAAGACA	AAACATAGGTGCTCGAAAGA	GTAATCGAGTACACTGA	ACTATGATCAAAGAGAG	-----			
TsuRTP012	GTCTCAAGTCATTTAGTGTT	GGAC	ACTAAGACA	AAACATAGGTGCTCGAAAGA	GTAATCGAGTACACTGA	ACTATGATCAAAGAGAG	-----			
TsuRTP013	GTCTCAAGTCATTTAGTGTT	GGAC	ACTAAGACA	AAACATAGGTGCTCGAAAGA	GTAATC	-----				
TsuRTP014	GTCTCAAGTCATTTAGTGTT	GGAC	ACTAAGACA	AAACATAGGTGCTCGAAAGA	GTAATC	-----				
TsuRTP015	GTCTCAAGTCATTT	-----								
TsuRTP016	GTCTCAAGTCATT	-----								
TsuRTP017	-----									
TsuRTP018	-----									
TsuRTP019	-----									
TsuRTP020	-----									
TsuRTP021	-----									
TsuRTP022	CTTGAAGGATTAAACAAG	TTTTACTCTTCATTT	GGG	-----						

	710	720	730	740	750	760	770		
TsuRTP001	-----								
TsuRTP002	-----								
TsuRTP003	TACATGTCATG	TAAAGAA	CTCGATGG	TACAATATG	CAAAGTAGTC	CCTTGACCTGAGGCAT	CATA	AGATGT	C
TsuRTP004	TACATGTCATG	TAAAGAA	CTCGATGG	TACAATATG	GG	-----			
TsuRTP005	TACATGTCATG	TAAAGAA	CT	-----					
TsuRTP011	-----								
TsuRTP012	-----								
TsuRTP013	-----								
TsuRTP014	-----								
TsuRTP015	-----								
TsuRTP016	-----								
TsuRTP017	-----								
TsuRTP018	-----								
TsuRTP019	-----								
TsuRTP020	-----								
TsuRTP021	-----								
TsuRTP022	-----								

Supplemental Fig. 1.

Nucleotide sequences of 17 RBIP markers of 5'-LTR insertions. Forward primers are indicated by underlined, and reverse primers are indicated by italics.