

Table EV1: List of TSR translocation constructs, the source coordinates of the translocated sequences and oligonucleotides for amplification and insertion.

construct	source coordinates	forward primer sequence 5'-3'	reverse primer sequence 5'-3'
pCW24v2_regA	Tb427_10_v5:800,949-810,167	<u>CCGGTACGGGAGATCTCCCTATAGTGAG</u> TCGTATTAATCAAGTTTAGCCCGTTTACC TCCA	<u>ACTGATAGGGAGATCTAGCTCAGCAGTA</u> ATAAGGGTCA
pCW24v2_regA1	Tb427_10_v5:800,949-802,743	<u>CCGGTACGGGAGATCTCCCTATAGTGAG</u> TCGTATTAATCAAGTTTAGCCCGTTTACC TCCA	<u>ACTGATAGGGAGATCTGCGGACACGGAT</u> TAGCTGAA
pCW24v2_regA2	Tb427_10_v5:802,251-804,045	<u>CCGGTACGGGAGATCTCCCTATAGTGAG</u> TCGTATTAATCAAAAGGCGTATGTCCACT GGG	<u>ACTGATAGGGAGATCTAGGTGTAAGGAA</u> AAACTGAATGAGA
pCW24v2_regA3	Tb427_10_v5:803,552-805,345	<u>CCGGTACGGGAGATCTCCCTATAGTGAG</u> TCGTATTAATCAGGCCCTTTGGTTACCCA CTT	<u>ACTGATAGGGAGATCTTCCCACCGTGAG</u> TTAAACCAG
pCW24v2_regA4	Tb427_10_v5:804,859-806,648	<u>CCGGTACGGGAGATCTCCCTATAGTGAG</u> TCGTATTAATCACAAAATTATGGTGCACG TACGGT	<u>ACTGATAGGGAGATCTTACTTCTAGGTG</u> GGGCTCCC
pCW24v2_regA5	Tb427_10_v5:806,150-807,942	<u>CCGGTACGGGAGATCTCCCTATAGTGAG</u> TCGTATTAATCAGCAACGTCTCCTTCGCT CTT	<u>ACTGATAGGGAGATCTAGCCAAGAGGTT</u> TGTGGTTCA
pCW24v2_regA6	Tb427_10_v5:807,455-809,249	<u>CCGGTACGGGAGATCTCCCTATAGTGAG</u> TCGTATTAATCAGGCACCCAACTGCTGA AAG	<u>ACTGATAGGGAGATCTGCAAATGCATA</u> CGCTCGGT
pCW24v2_regA7	Tb427_10_v5:808,751-	<u>CCGGTACGGGAGATCTCCCTATAGTGAG</u>	<u>ACTGATAGGGAGATCTAGCTCAGCAGTA</u>

	810,167	TCGTATTAATCACGAGGCTTTTGCTAAGA GGGT	ATAAGGGTCA
pCW24v2_regA2rc	Tb427_10_v5:802,251- 804,045	<u>CCGGTACGGGAGAT</u> CCCCTATAGTGAGT CGTATTAATCAAGATCTAGGTGTAAGGAA AAACTGAATGAGA	<u>ACTGATAGGGAGATCT</u> AAAGGCGTATGT CCACTGGG
pCW24v2_regB	Tb427_10_v5:1,634,96 0-1,641,653	<u>CCGGTACGGGAGAT</u> CTCCCTATAGTGAG TCGTATTAATCACCCGGAAAGTGATGAG GGAG	<u>ACTGATAGGGAGATCT</u> AAAACAATATTTT TCTTCGTCAGCGT
pCW24v2_regB1	Tb427_10_v5:1,634,96 0-1,636,762	<u>CCGGTACGGGAGAT</u> CTCCCTATAGTGAG TCGTATTAATCACCCGGAAAGTGATGAG GGAG	<u>ACTGATAGGGAGATCT</u> CTTATCTGTCCA CCAATAGAGTATTTT
pCW24v2_regB2	Tb427_10_v5:1,636,26 7-1,638,057	<u>CCGGTACGGGAGAT</u> CTCCCTATAGTGAG TCGTATTAATCAGAACGCTAACCCTCCT CG	<u>ACTGATAGGGAGATCT</u> GTGGGACAAACA CGGTCACT
pCW24v2_regB3	Tb427_10_v5:1,637,57 1-1,639,366	<u>CCGGTACGGGAGAT</u> CTCCCTATAGTGAG TCGTATTAATCAGGAGTACTAAAGTGCTG CGGA	<u>ACTGATAGGGAGATCT</u> GCAAAGAAGACC ATTCGTCAACA
pCW24v2_regB4	Tb427_10_v5:1,638,86 7-1,640,655	<u>CCGGTACGGGAGAT</u> CTCCCTATAGTGAG TCGTATTAATCATACTCCTTTTGCTTGCG GCG	<u>ACTGATAGGGAGATCT</u> CACTCATTTCATA ACCGGTCCG
pCW24v2_regB5	Tb427_10_v5:1,640,19 4-1,641,653	<u>CCGGTACGGGAGAT</u> CTCCCTATAGTGAG TCGTATTAATCATTGTTCTTTGATCAAAA GTGTACGT	<u>ACTGATAGGGAGATCT</u> AAAACAATATTTT TCTTCGTCAGCGT
pCW24v2_regB1rc	Tb427_10_v5:1,636,26 7-1,638,057	<u>GTATTAATCAAGATCT</u> CTTATCTGTCCAC CAATAGAGTATTTT	<u>ACTGATAGGGAGATCT</u> CCCGGAAAGTGA TGAGGGAG

underscored sequences indicate InFusion overhangs