

Table S3 – Primers used in the assembly of vectors pVTTBR43, pVTTBR54 and pVTTBR92, and for verification of inserts from genomic DNA.

<i>Primer code</i>	<i>Primer name</i>	<i>5'-3' Sequence</i>
BR63	pdc_F	GCGCCTCAGAGTGTCTGTC
BR89	xyr1_ins_R	GGACAATGGCAGATGCTTGG
BR103	TeCel3A_GG_R	AATGGTCTCTTTCAAATCCAGGGTATGGCTTAAGG
BR104	TeCel3A_mut_F	CTGGGCAGGTCCCCCGATGCGGGCAGAAAC
BR105	TeCel3A_mut_R	GTTTCTGCCCCGATCGGGGGACCTGCCAG
BR106	TeCel3A_GG_F	AATGGTCTCACATGAGGAACGGGTTGCTCAAGGTC
BR117	pXyn11B_GG_F	AATGGTCTCAGGGTACAGCATATTTCTGGTGGCAG
BR118	pXyn11B_GG_R	AATGGTCTCACATGATGATTATTTGTGCGTGTTC
BR119	tXyn11B_GG_F	AATGGTCTCATGAAGTTCTGTTGATGTTGACTGGAGTGGATG
BR120	tXyn11B_GG_R	AATGGTCTCATCATGTGGCAGGATCTAGCGGGAG
BR133	pGdpA_GG_F	AATGGTCTCAATGATCTCCTTAGCTCTG
BR134	tTrpC_GG_R	AATGGTCTCAATGATCTCCTTAGCTCTG
BR143	pXyn11B_F	CGTAAACTGAGACAGCAAGCTC
BR145	tXyn11B_R	GTCTGTCAAGTAACTCACTAACC
BR190	ace2_GG_F	AATGGTCTCACATGGACCTCCGGCAAGC
BR191	ace2_GG_R	AATGGTCTCTTCACTTCAGCAGTCTGGCACTG
BR192	suc_F	CACGCGTTCAACATGGACAAG
BR193	suc_R	GTATCGGGAAGGAAAACAACCTG
BR213	thi4_mut_F	GGATAATACCAGCGAAAGGGTCATGCTCCTCCCCCTTTC
BR214	thi4_mut_R	GAAAAGGGGGAGGAGCATGACCTTTCGCTGATTATCC
BR215	thi4_GG_R	AATGGTCTCATCTCTTCTGAGGTGCCGATCC
BR216	thi4_GG_F	AATGGTCTCAATGAGTCCACCACAACCTTCTTAGC
BR259	CBHflank_suc_InF_F	TTCCCTCCCGATACAGCGATCAACAACCGTGC
BR260	CBHflank_suc_InF_R	CATGTTGAACGCGTGAGCTGCGGCTAGGACGTC