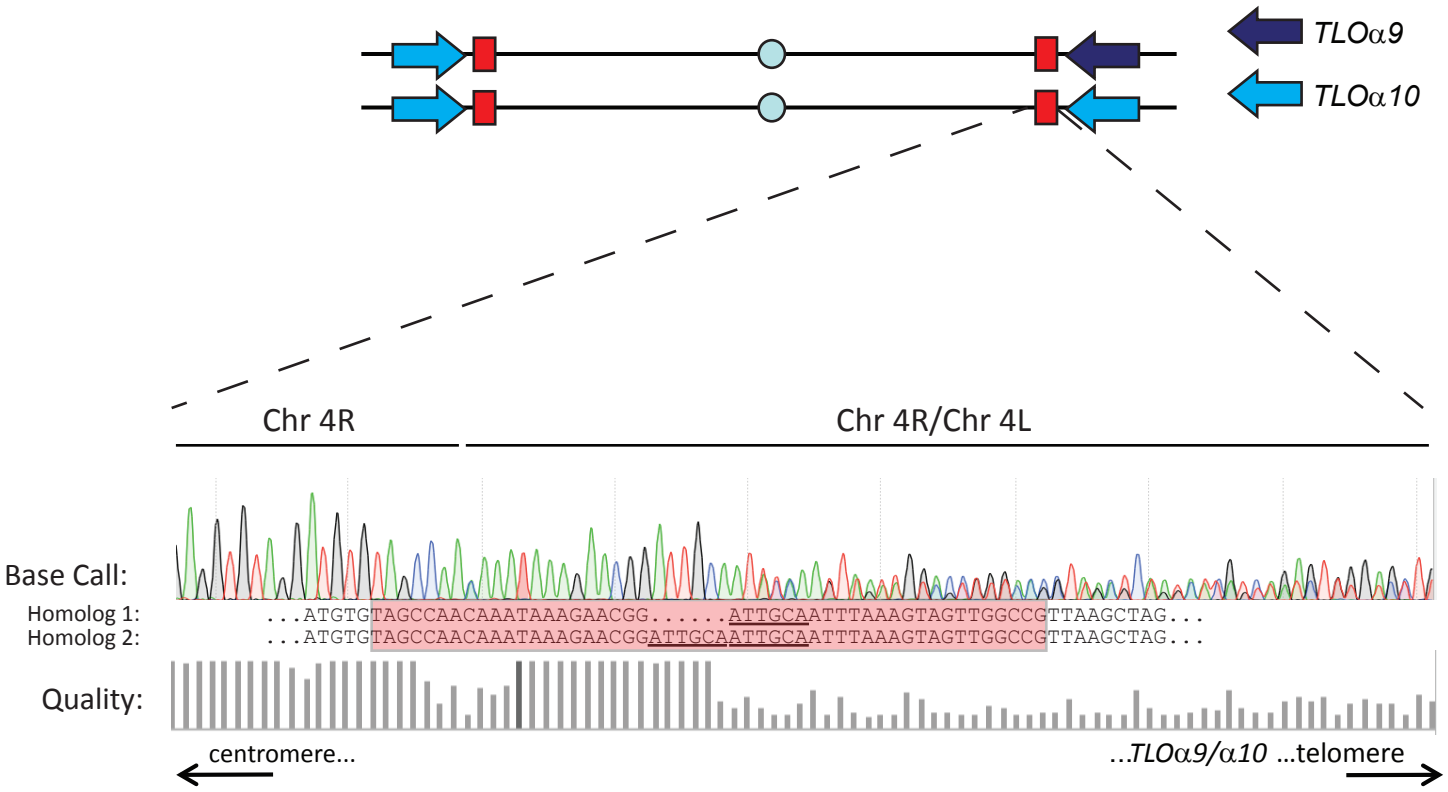

Figure S5 SC5314 encodes allelic *TLOα9* and *TLOα10* on Chr4R. The *TLO* locus on Chr4R in the parental isolates encodes a heterozygous locus with *TLOα9* on one homolog and *TLOα10* on the other homolog. Sequencing towards the telomere and across the BTS revealed two sequences coincident with a six nucleotide repeat, which is underlined for clarity.