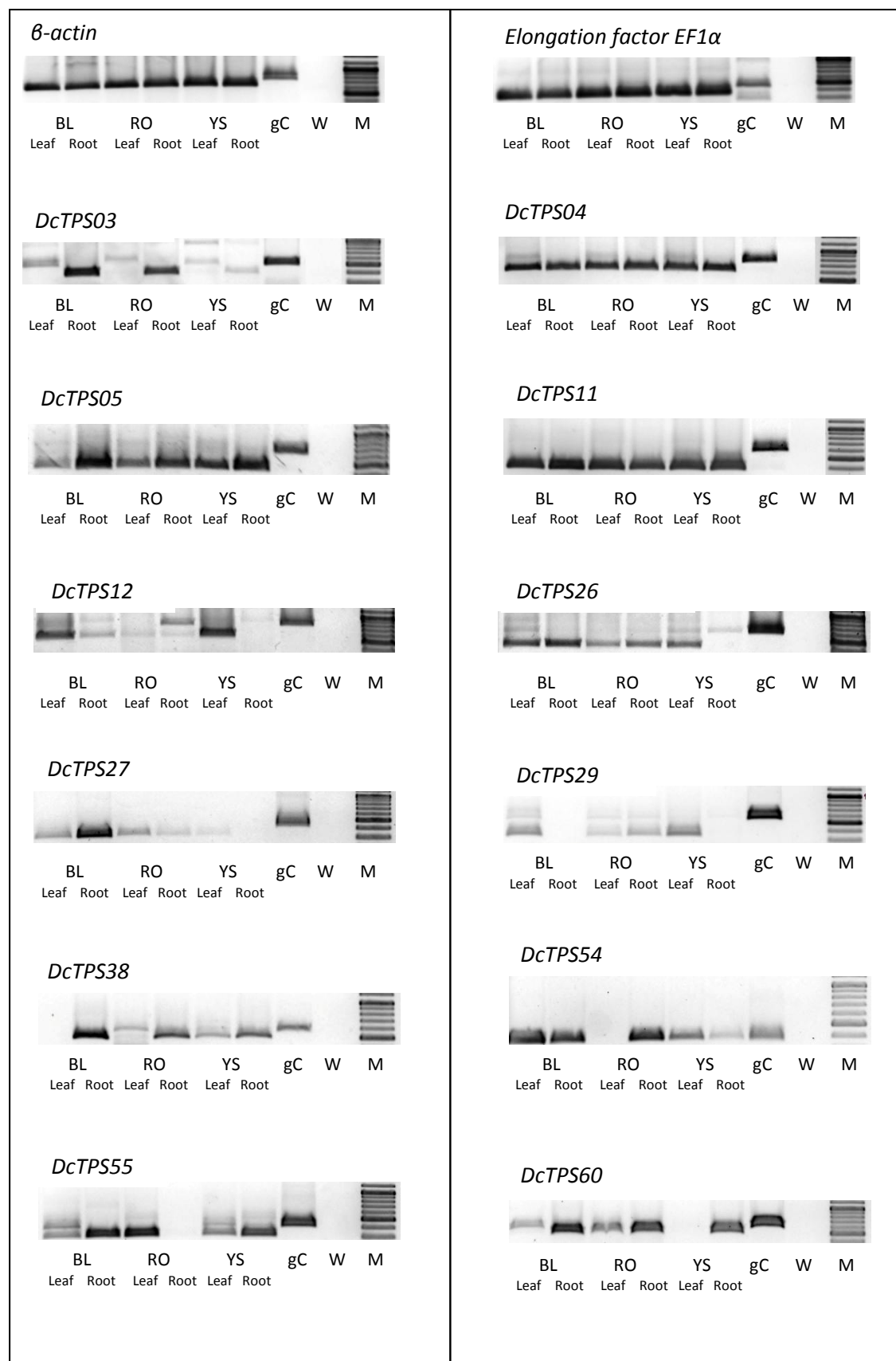


**Supplementary Figure 4**



RT-PCR of 12 members of the carrot TPS gene family in leaves and roots of cultivars 'Blanche' (BL), 'Rotin' (RO) and 'Yellowstone' (YS). Positive control of the RT-PCR is carrot (Rotin) genomic DNA (gC), negative control is water (W). As reference genes, the *elongation factor 1 $\alpha$*  and  *$\beta$ -actin* were used. M: Genruler (Thermo Fisher) size standard, upper strong band – 1kb, lower strong band – 500 bp