

Figure S2 Semi-quantitative RT-PCR. Amplification of the target gene *LuWD40-1* and the control gene *apt1* from the three transgenic lines overexpressing *LuWD40-1* and the untransformed Prairie Grande shows that the reactions had not reached saturation at 28 cycles but that saturation was achieved at 31 cycles. Ratios (*LuWD40-1:apt1*) at the bottom were calculated by measuring the amplicon intensity by densitometry using the AlphalmagerHP software version 3.4 (proteinsimple, Santa Clara, CA, USA). Note: the Gateway recombination tags in the *LuWD40-1* primers increase the amplification size to 332bp (274+29bp tags in each forward and reverse primers). Molecular marker (M) is the 1KB Plus DNA ladder (Invitrogen, Carlsbad, California, USA).