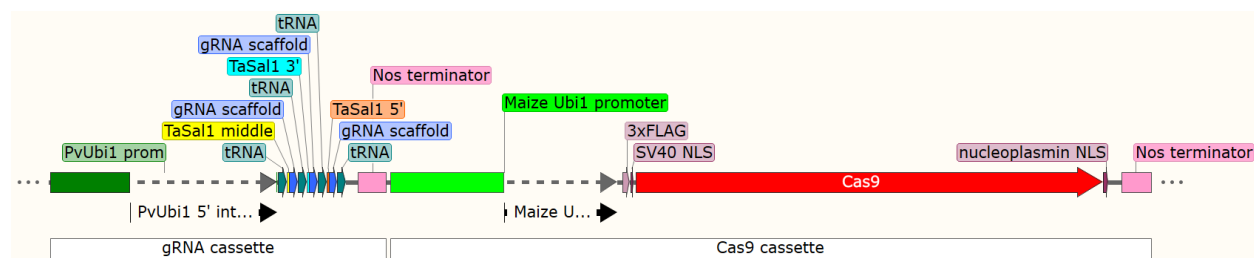


Figure S4. CRISPR/Cas9 construct map and plasmid sequence.



Sequence of the CRISPR plasmid vector is shown below. Regions are marked in the sequence as follows: **PvUbi promoter**, **PvUbi1 5' intron**, **tRNA**, **gRNA scaffold**, **guide RNA sequence**, **Nos terminator**, **Maize Ubi1 promoter**, **Maize Ubi1 5' intron**, **3X FLAG**, **SV40 NLS**, **Cas9**, **nucleoplasmin NLS**, plasmid vector backbone.

>Wheat CRISPR/Cas9 plasmid sequence

```
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