



Figure S3. Cartoon showing recombination breakpoint of a RC-NIL (IN0949) in between Exon 1 and Exon 2 of *ZmYAB2.1*. IN0949 carries maize regulatory region and mostly teosinte coding region, while IN1207 carries full teosinte regulatory and coding regions. IN0949 displays maize class ear internode length while IN1207 displays teosinte class ear internode length (Figure 1). IN0949 also has lower *ZmYAB2.1* expression in comparison to IN1207 (Figure 2B).