

**Supporting information Fig. 5.** We designed two sets of primers to amplify the mouse EOMES promoter containing consensus CSL- and NF- $\kappa$  B-binding motifs. Primer set1 contains 3 binding sites for CSL and 5 binding sites for NF- $\kappa$  B (>75% homology scores); primer set2 contains two putative binding sites for each.