



SUPPLEMENTARY FIG. S3. The *Nkx2-5* promoter was fused to the luciferase (*luc*) reporter gene and was transfected into Cos7 cells with and without the addition of the *Nkx2-5*, *Gata4*, or *Hoxa10* expressing plasmids. Empty pGL3 and *Nkx2-5* promoter-driven luciferase expression is shown. *Nkx2-5* promoter revealed a 3.68 ± 0.18 -fold activation with *Nkx2-5* and *Gata4*, which was reduced to 1.84 ± 10 with the addition of *Hoxa10*; * $P < 0.05$, $n = 3$.