Supplementary Figure 1. *Hoxb1* repression by Krox20 does not require DNA binding. A-D) lateral views of chick embryos co-electroporated with an empty vector, AdRSVSp, or expression constructs for wild type or mutant Krox20, as indicated above, and a lacZ reporter driven by the *EphA4* r3/r5 enhancer (a 470 bp fragment (Theil et al., 1998). β-galactosidase activity was subsequently revealed by X-gal staining. Generalized lacZ expression occurred upon co-electroporation with the wild type Krox20 construct, whereas the mutants do not activate the reporter. E-H) lateral views of chick embryos co-electroporated with the Krox20 expression constructs indicated above and a lacZ reporter driven by the *Hoxb1* r4-spinal cord enhancer (a 2130 bp fragment (Studer et al., 1994). Dramatic repression of lacZ occurred upon co-electroporation with the wild type Krox20 expression construct as well as the S382R/D383Y mutant. In contrast the R409W mutant did not affect the expression of the reporter gene.

References


**EphA4-lacZ**

- A: AdRSVSp
- B: Krox20
- C: R409W
- D: S382R/D383Y

**Hoxb1-lacZ**

- E: AdRSVSp
- F: Krox20
- G: R409W
- H: S382R/D383Y