



**S3 Fig. Histologic analysis of prostatic lobes from *R26<sup>mTmG/+</sup>;**Gli1<sup>CreER/+</sup>* or *R26<sup>mTmG/+</sup>;**Ar<sup>LY</sup>;**Gli1<sup>CreER/+</sup>* mice. (A-F') Representative H&E staining of prostatic lobes from P56 prostates isolated from *R26<sup>mTmG/+</sup>;**Gli1<sup>CreER/+</sup>* or *R26<sup>mTmG/+</sup>;**Ar<sup>LY</sup>;**Gli1<sup>CreER/+</sup>* mice. (G-L') Representative H&E staining of prostatic lobes from P56 prostates isolated from androgen supplemented *R26<sup>mTmG/+</sup>;**Gli1<sup>CreER/+</sup>* and *R26<sup>mTmG/+</sup>;**Ar<sup>LY</sup>;**Gli1<sup>CreER/+</sup>* mice. (M-R') Representative H&E staining of 8-week old implants from *R26<sup>mTmG/+</sup>;**Gli1<sup>CreER/+</sup>* or *R26<sup>mTmG/+</sup>;**Ar<sup>LY</sup>;**Gli1<sup>CreER/+</sup>* P14 prostatic lobes. Scale bars, A-R 100  $\mu$ m; A'-R' 20  $\mu$ m.**