

Additional sex comb-like 1 represses RAR-mediated transcription through associating with heterochromatin protein 1 and lysine-specific demethylase 1*

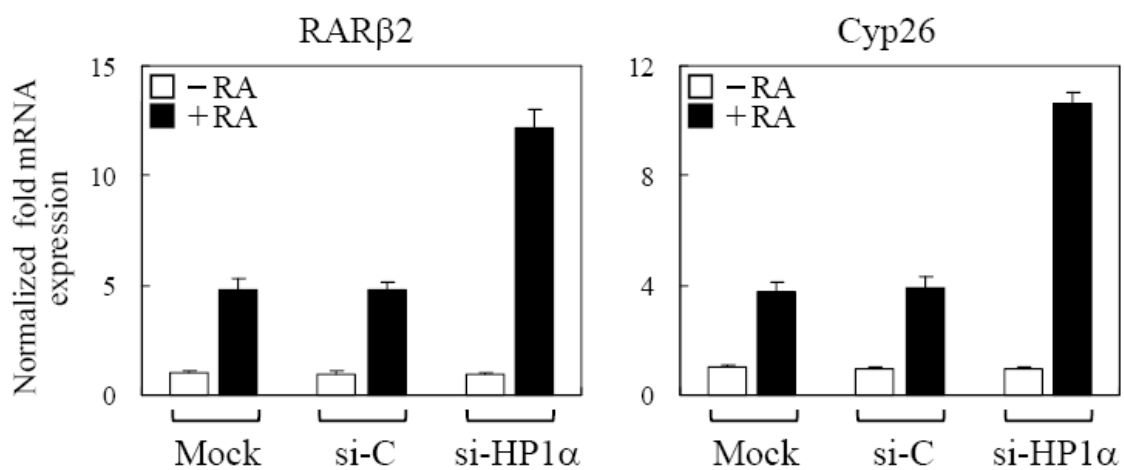
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Running title: ASXL1 is a novel corepressor of RAR

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Supplemental Fig. 1. Effect of HP1 α knockdown on the expression of the endogenous RA-responsive *RARβ2* and *Cyp26* genes. Total RNA was extracted from HEK293 cells transfected with mock, control siRNA (si-C) or HP1 α -specific siRNA (si-HP1 α) and subjected to reverse transcription. The cDNA was then quantified by real-time PCR using primer sets for *RARβ2* and *Cyp26* coding sequences shown in Experimental Procedures. Data are the averages of three independent experiments (mean \pm SD).