eRNA and mRNA

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Effect of GRHL2 overexpression on eRNA transcription

Effect of GRHL2 knockdown on eRNA transcription

siRNA combined test

GREB1 TFF1 XBP1 0.036 0.83 0.036 1e-03 Relative eRNA levels 8e-04 6e-04 4e-04 2e-04 GRHL2 Control Control GRHL2 Control GRHL2

Treatment 🔁 Control 🔁 GRHL2

Figure 1: Effect of Overexpression of GRHL2 on eRNA at E2 responsive binding sites.

Treatment

Treatment is siCtrl is siGRHL2

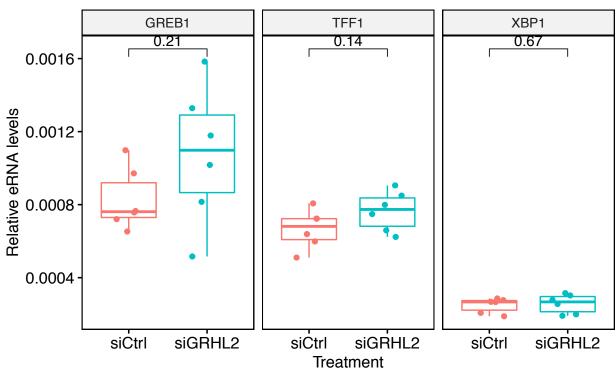


Figure 2: Effect of knockdown of GRHL2 on eRNA at E2 responsive binding sites.

Condition ed delta et EV ed OE

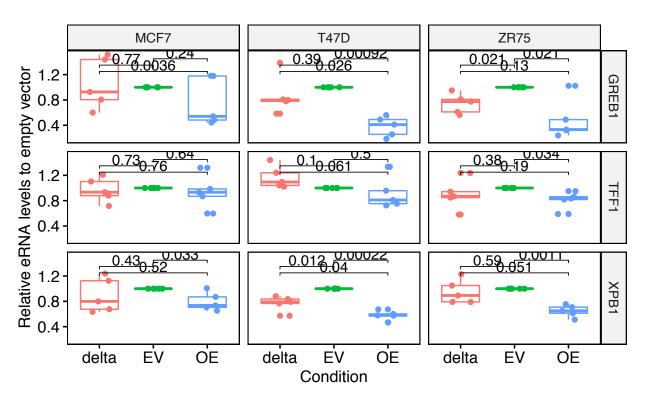


Figure 3: Overexpression of GRHL2 delta 425-437.

Effect of GRHL2 and GRLH2 delta 425-437 overexpression on eRNA transcription