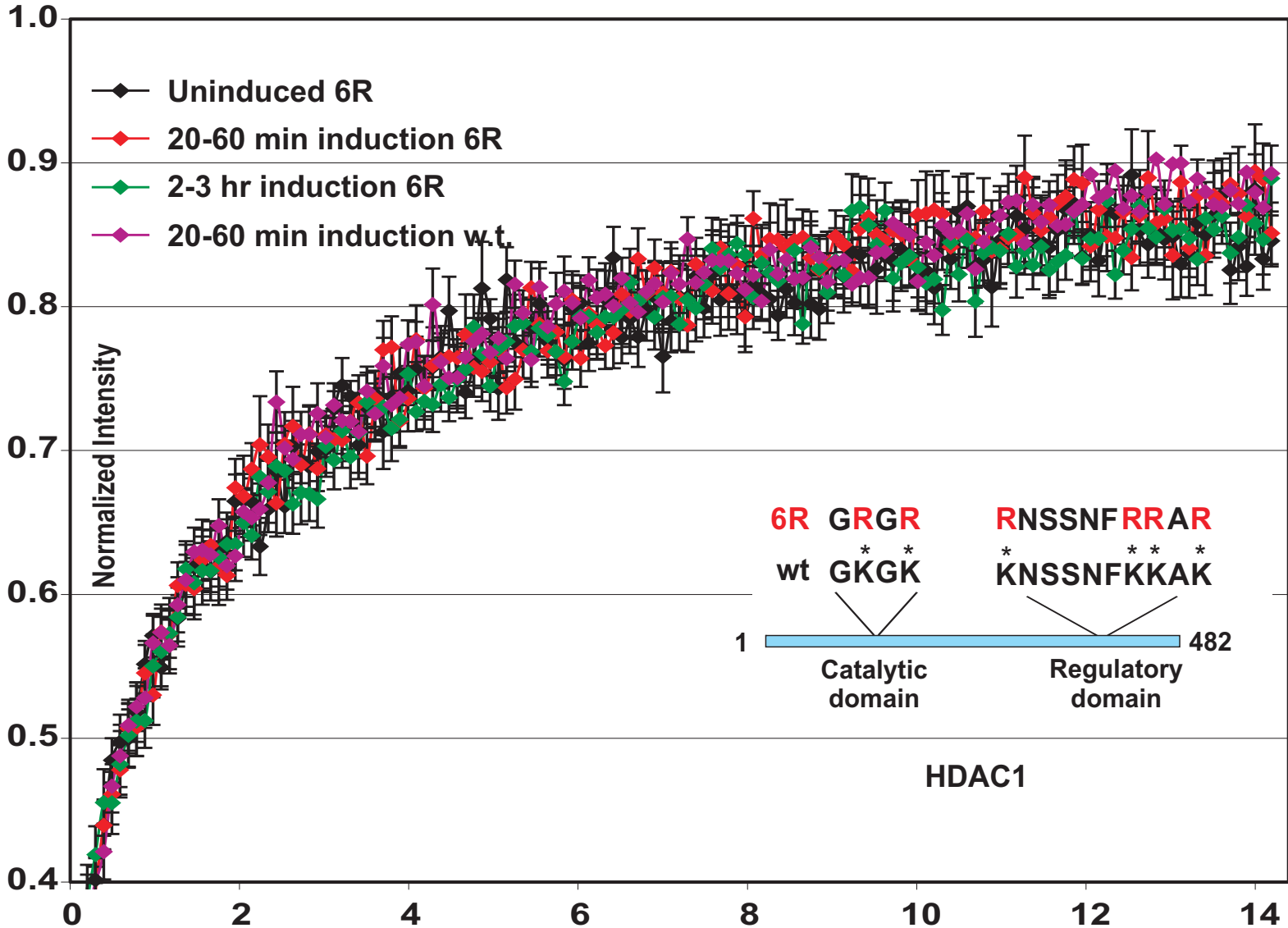


Supplementary Fig. 1 (Qiu et al.)

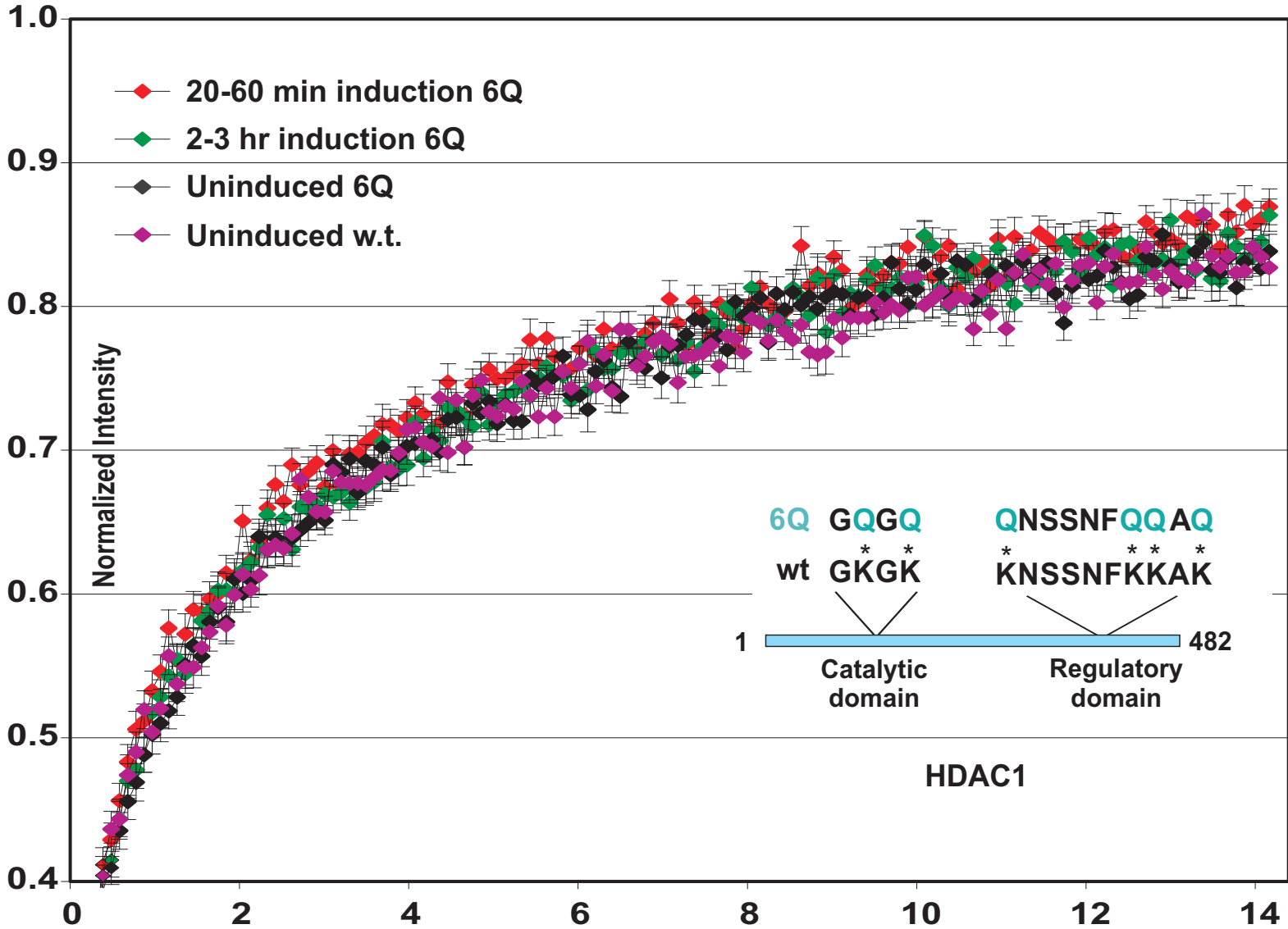
Complete Profile of HDAC1 Mutant 6R Array Dynamics



Supplementary Fig. 1 Mobility of the HDAC1 6R mutant is similar to the mobility of the wild type HDAC1 at the early induction time and does not change during transcription cycle. The data are mean values \pm s.e.m., $N \geq 15$ cells.

Supplementary Fig. 2 (Qiu et al.)

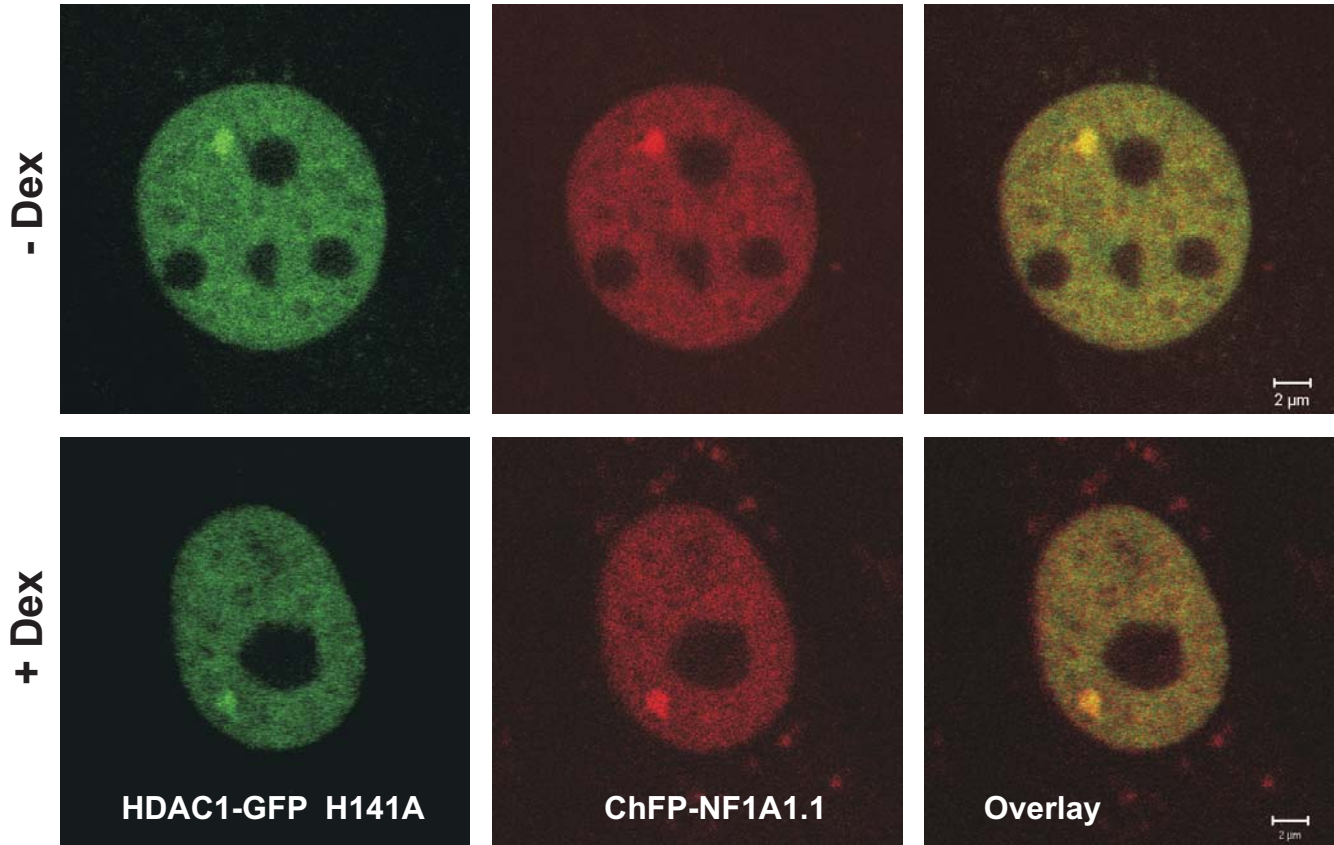
Complete Profile of HDAC1 Mutant 6Q Array Dynamics



Supplementary Fig. 2 Mobility of the HDAC1 6Q mutant is similar to the mobility of the wild type HDAC1 before induction or at the late stage of the induction cycle and does not change over time. The data are mean values \pm s.e.m., $n \geq 15$ cells.

Supplementary Fig. 3 (Qiu et al.)

HDAC1 Mutant H141A Array Localization



Supplementary Fig. 3 HDAC1 H141A mutant is enriched at the MMTV array (marked with ChFP-NF1A1.1) at uninduced and dexamethasone-induced cells.

Supplemental Figure Legends

Fig. S1. Complete Profile of HDAC1 Mutant 6R Array Dynamics. Mobility of the HDAC1 6R mutant is similar to the mobility of the wild type HDAC1 at the early induction time and does not change during transcription cycle. The data are mean values \pm s.e.m., $N \geq 15$ cell.

Fig. S2. Complete Profile of HDAC1 Mutant 6Q Array Dynamics. Mobility of the HDAC1 6Q mutant is similar to the mobility of the wild type HDAC1 before induction or at the late stage of the induction cycle and does not change over time. The data are mean values \pm s.e.m., $n \geq 15$ cell.

Fig. S3. HDAC1 Mutant H141A Array Localization. HDAC1 H141A mutant is enriched at the MMTV array (marked with ChFP-NF1A1.1) at uninduced and dexamethasone-induced cells.