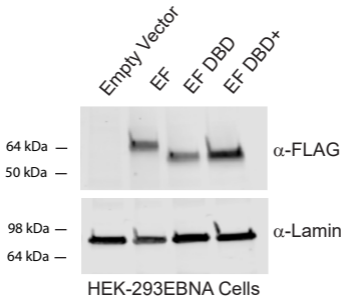
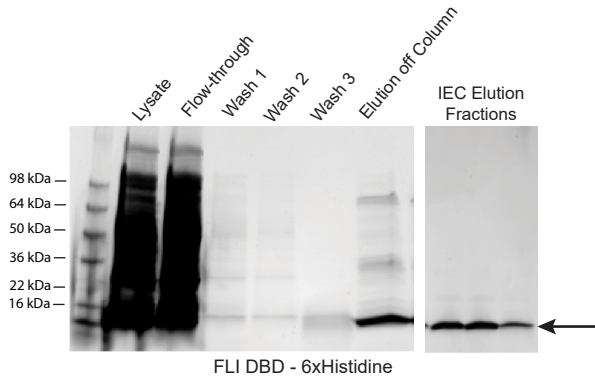
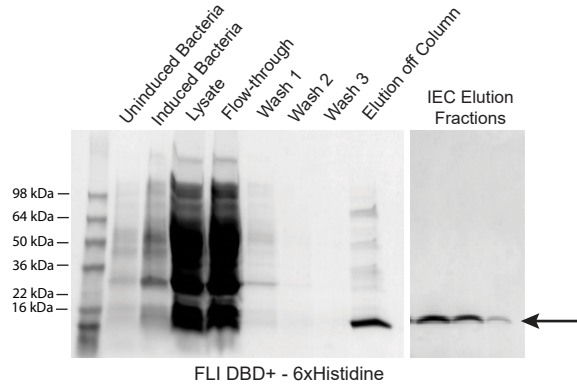
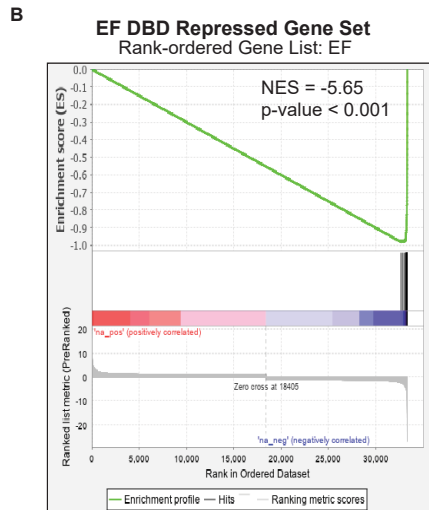
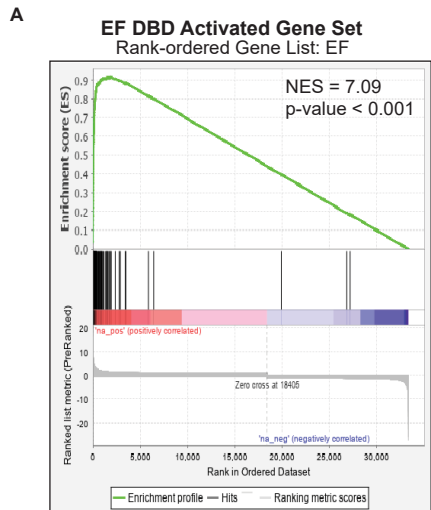
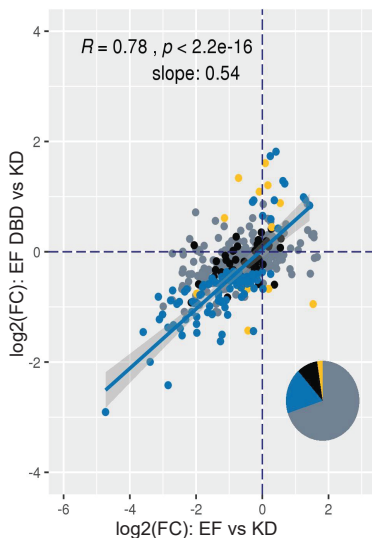
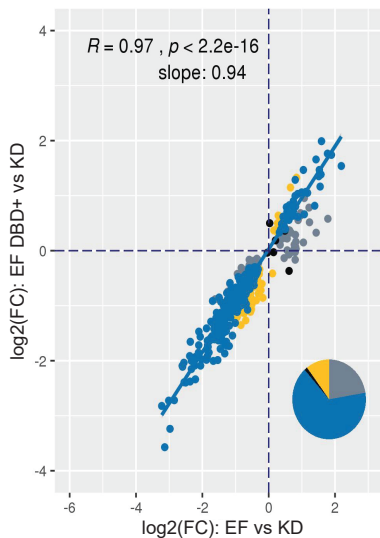


A

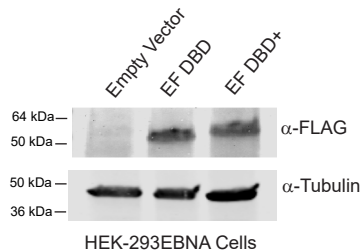
A**B**



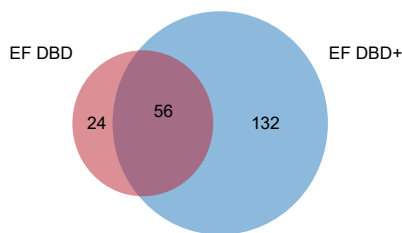
C Genes Repressed by EWS/FLI (n=533)



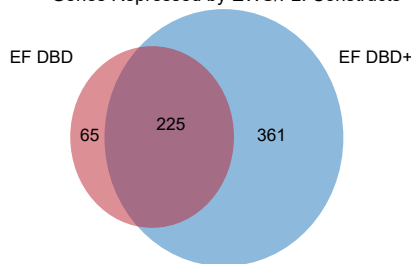
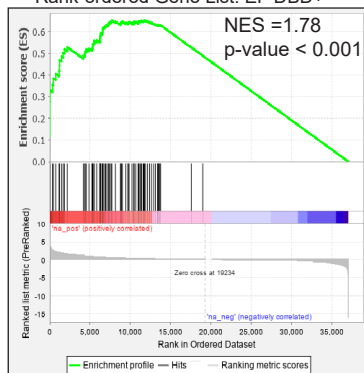
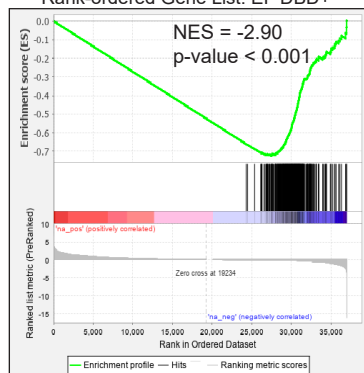
Key: ■ Rescued ■ Not Rescued ■ Non-specific ■ No change with KD

A**B**

Genes Activated by EWS/FLI Constructs

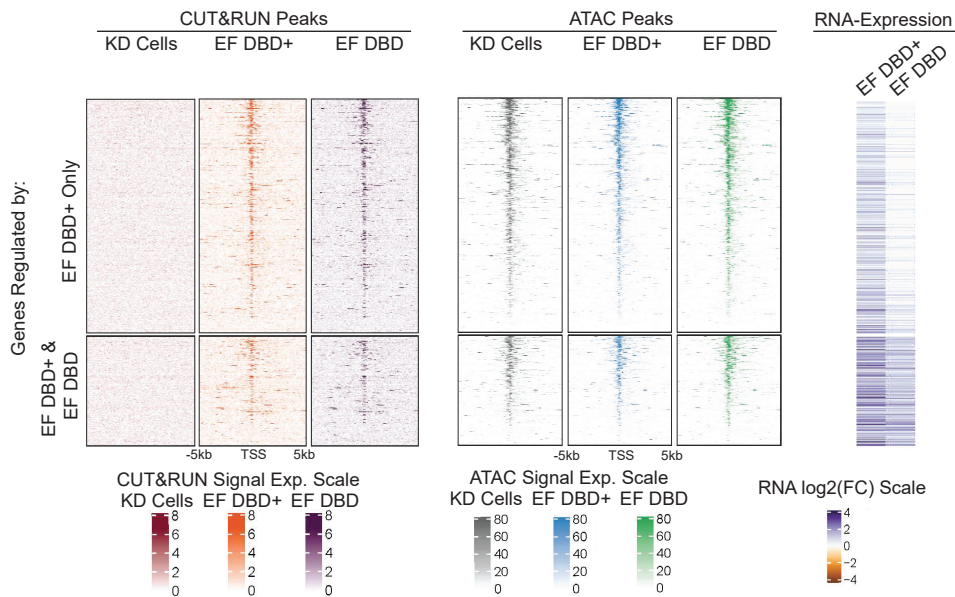
**C**

Genes Repressed by EWS/FLI Constructs

**D**EF DBD Activated Gene Set
Rank-ordered Gene List: EF DBD+**E**EF DBD Repressed Gene Set
Rank-ordered Gene List: EF DBD+

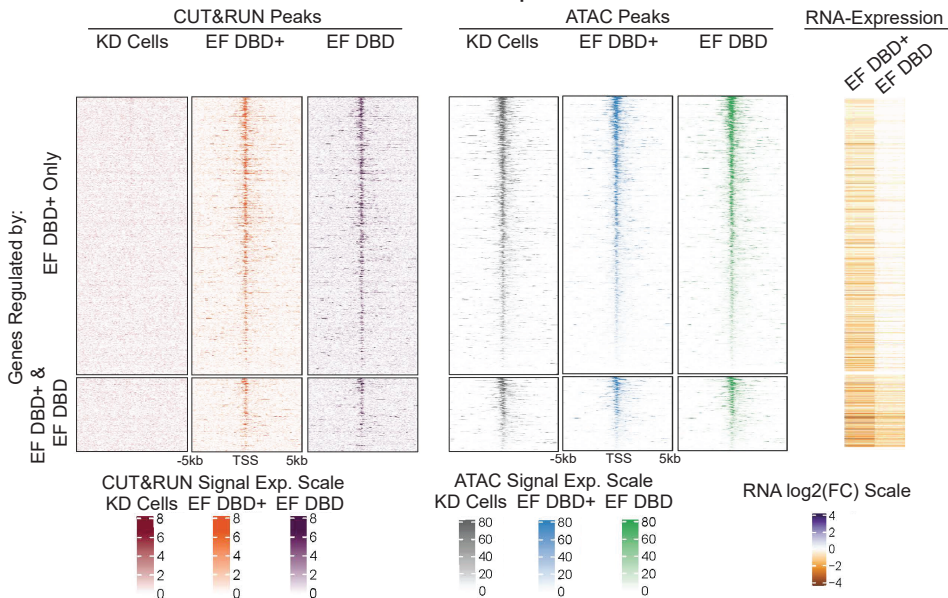
A

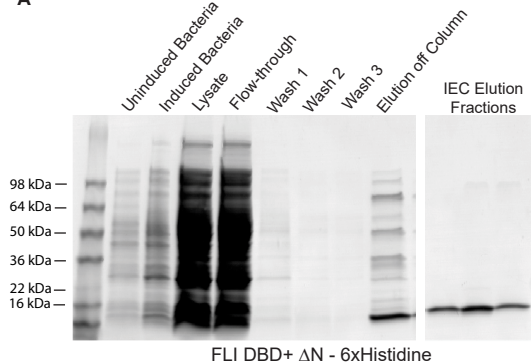
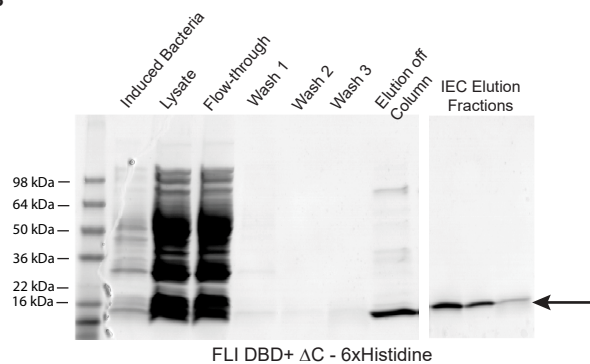
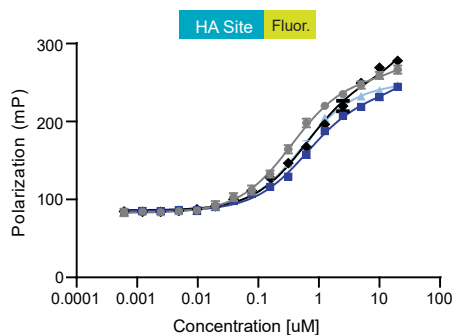
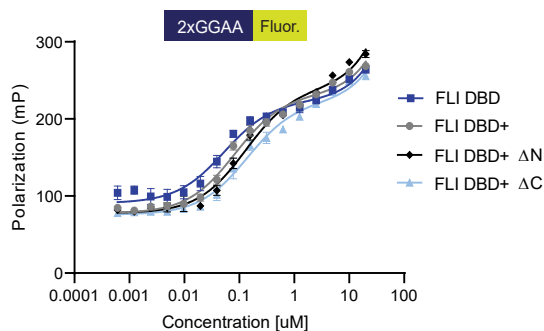
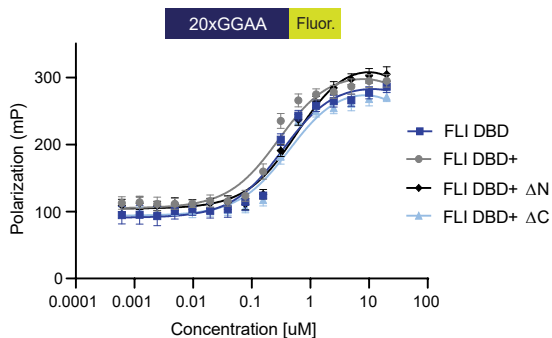
EWS/FLI-mediated Activated Genes



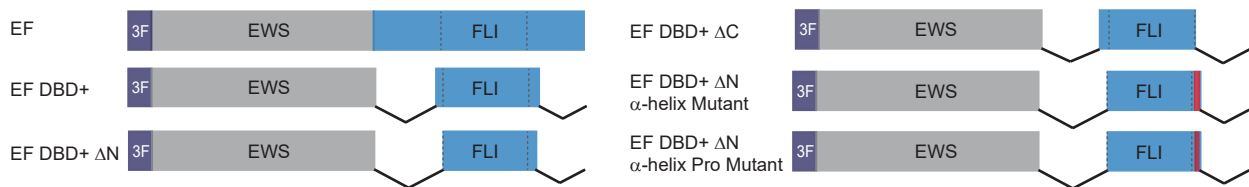
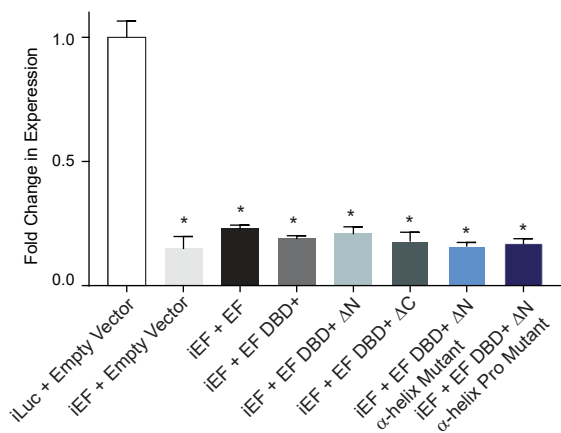
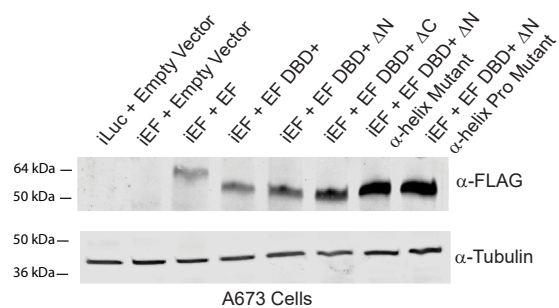
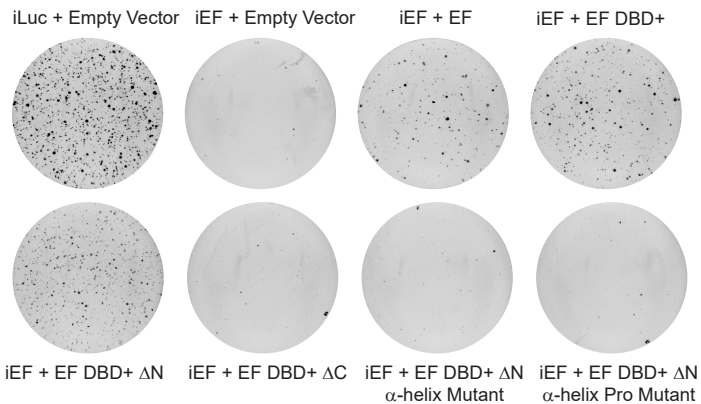
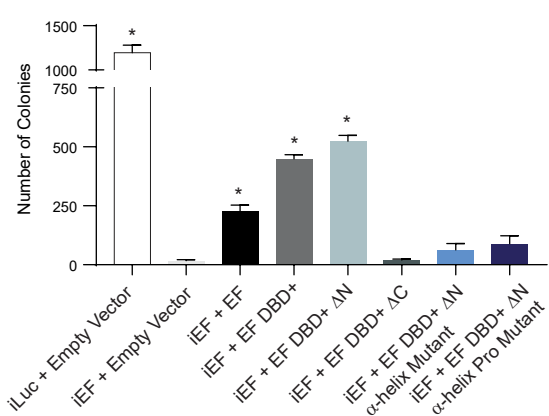
B

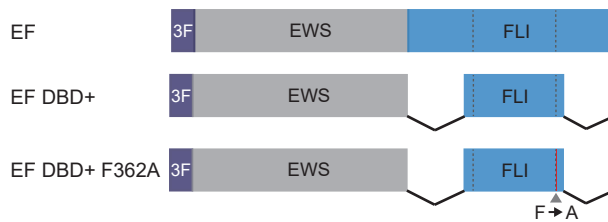
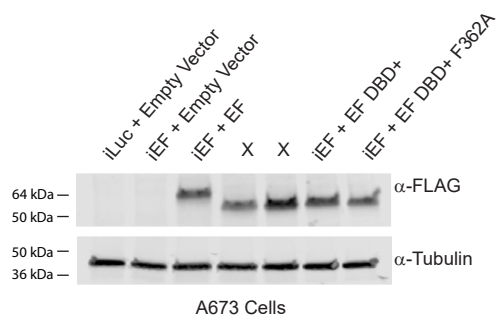
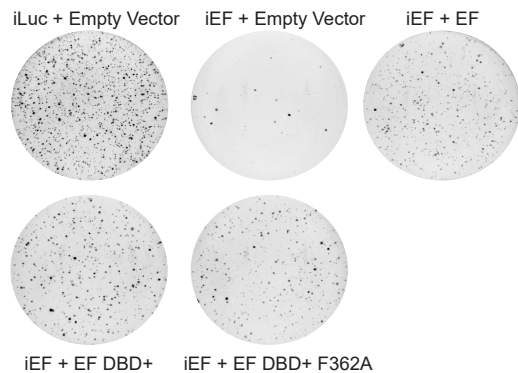
EWS/FLI-mediated Repressed Genes



A**B****C****D****E****F**

Construct	K_D
<i>HA Site</i>	
FLI DBD	$K_D = 625.3 \pm 17.5$ nM
FLI DBD+	$K_D = 354.2 \pm 8.0$ nM
FLI DBD+ Δ N	$K_D = 616.4 \pm 19.5$ nM
FLI DBD+ Δ C	$K_D = 517.5 \pm 11.9$ nM
<i>2xGGAA</i>	
FLI DBD	$K_D = 52.9 \pm 2.7$ nM
FLI DBD+	$K_D = 82.7 \pm 2.8$ nM
FLI DBD+ Δ N	$K_D = 128.2 \pm 4.7$ nM
FLI DBD+ Δ C	$K_D = 137.6 \pm 5.3$ nM
<i>20xGGAA</i>	
FLI DBD	$K_D = 337.7 \pm 20.9$ nM
FLI DBD+	$K_D = 293.1 \pm 16.4$ nM
FLI DBD+ Δ N	$K_D = 598.6 \pm 31.0$ nM
FLI DBD+ Δ C	$K_D = 442.5 \pm 26.4$ nM

A**B****C****D****E**

A**B****C****D**