

## **Supplementary Information**

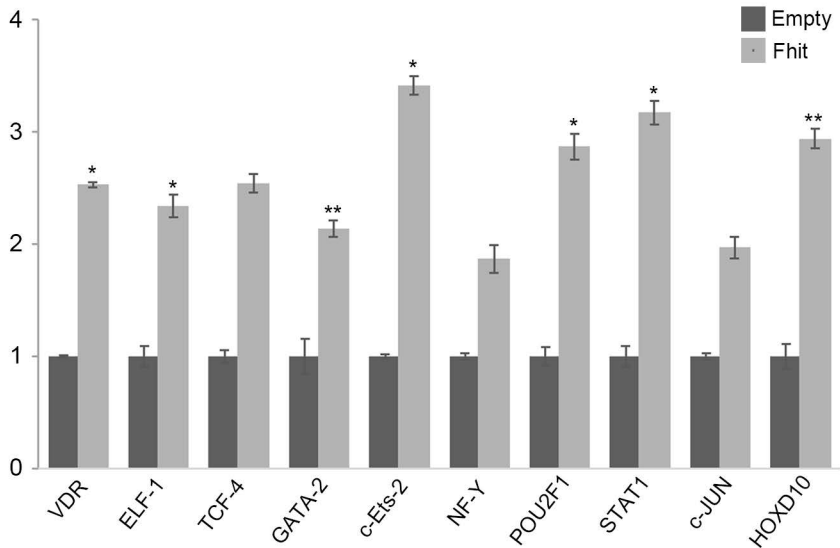
**Supplementary Figure 1.** qRT-PCR analysis showing the expression of 10 transcription factors putatively mediating Fhit-dependent Lin 28b in Fhit-overexpressing HCT116 cells. Three independent experiments were performed in triplicate (n=3). Bars mean  $\pm$ S.D. and the p-value were obtained by student t-test (\*p<0.05; \*\*p<0.01).

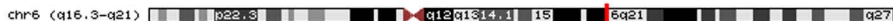
**Supplementary Figure 2.** Putative transcriptional factor binding sites in Lin28 promoter

**Supplementary Table 1.** Profiling of microRNAs in Fhit-overexpressing cells

**Supplementary Table 2.** Profiling of Fhit-regulated transcriptional factors

The relative expression levels





Consensus sequence and matrix:



STAT1 predicted binding sites ■  
 ELF1 predicted binding site ■

STAT1 predicted sites

Sequence	GGCTGGAAAA		CCCCGGAAAG		TTTCCA AAA		TTTCTAGG		TTTCTCTA		AAGGGGAAAA		AGAAGGAAAG	
position	145	154	194	203	255	264	380	389	461	470	537	546	947	956

ELF1 predicted site

Sequence	ATTAGGAAGTCA	
position	165	177