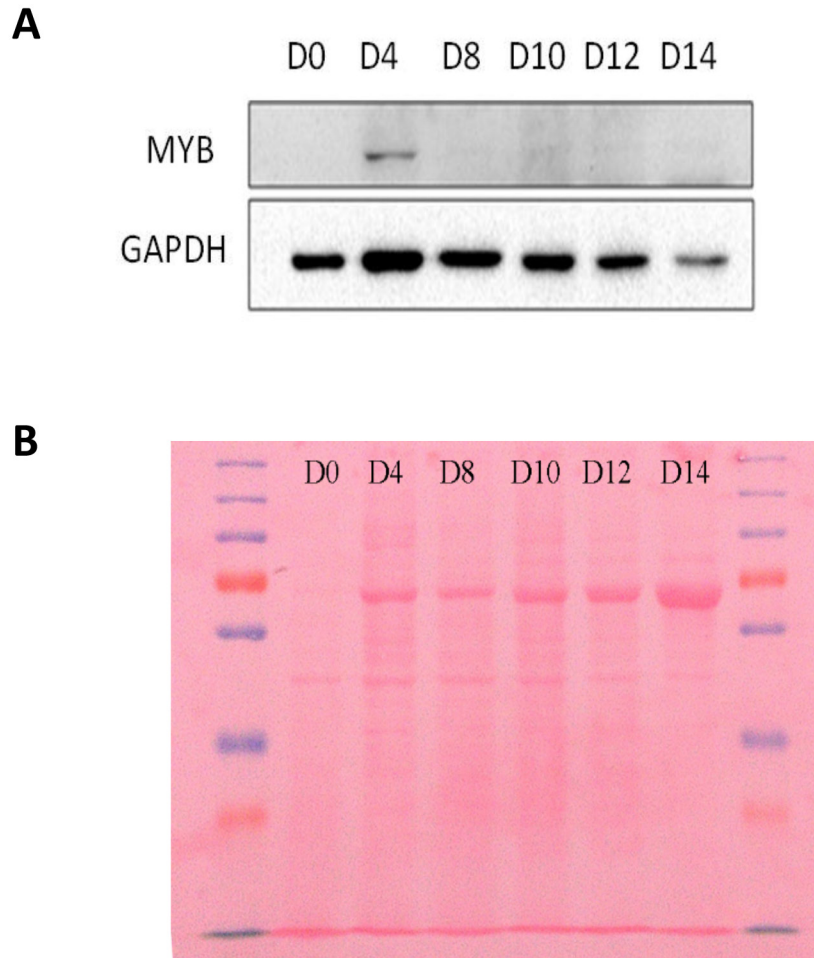
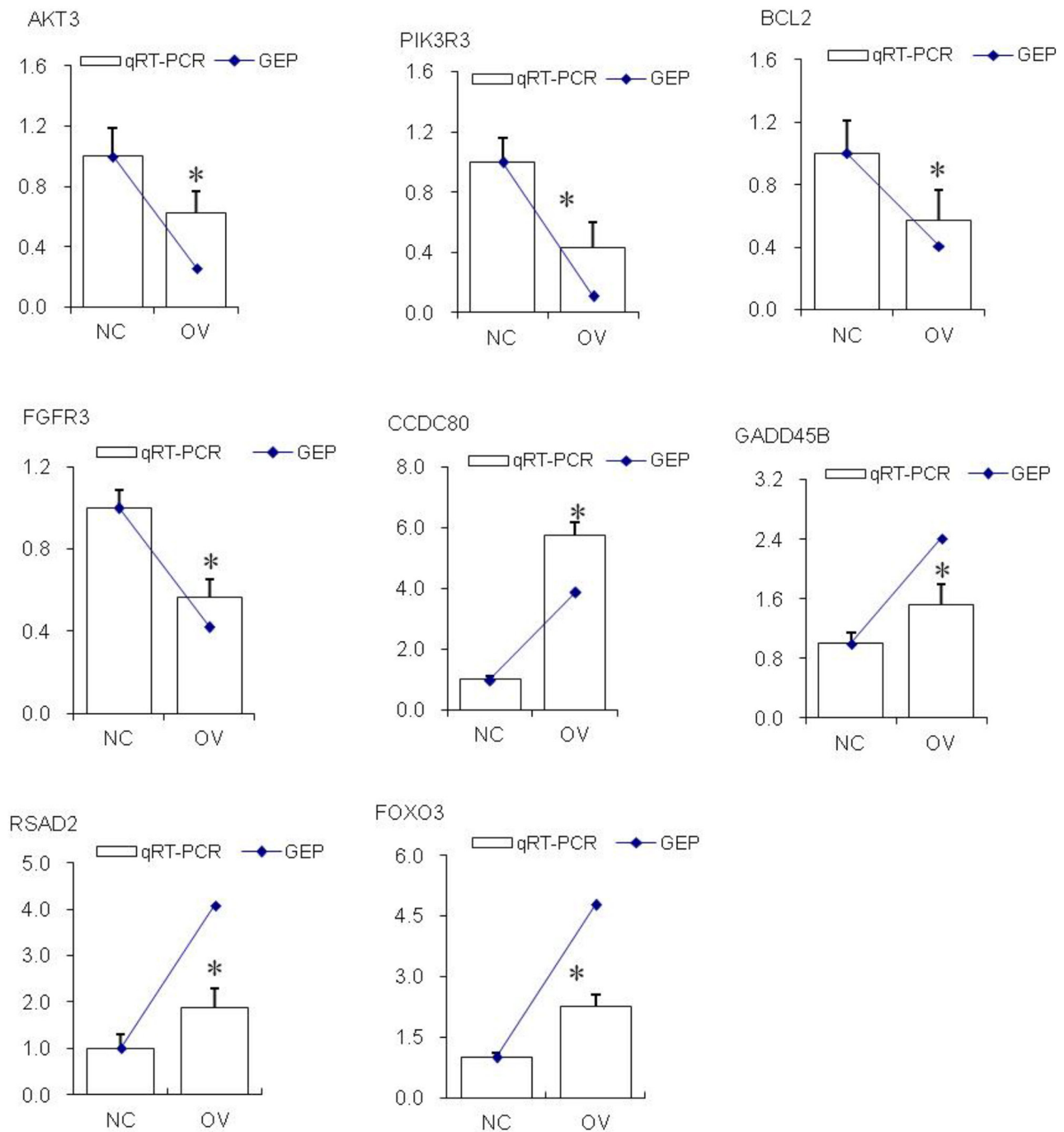


SUPPLEMENTARY FIGURES AND TABLE



Supplementary Figure S1: Changes of MYB protein level during EPO-induced CD34⁺ cells. **A.** Western blot analysis of MYB on culture days 0, 4, 8, 10, 12 and 14. **B.** The same membrane from the above assay stained by Ponceau S.



Supplementary Figure S2: qRT-PCR verification of genes expression profiling (GEP) in erythroid cells derived from hemin-induced K562 cells with (OV) or without (NC) miR-150 overexpression. All data were normalized to the NC treatment. Values shown are the mean \pm SEM ($n = 3$). * $P < 0.05$ compared with the negative control.

Supplementary Table S1: Human specific primers of qRT-PCR for verifying transcriptional profiling

Gene	Forward primer (5' -> 3')	Reverse primer (5' -> 3')
RSAD2	CGTGAGCATCGTGAGCAATG	TCCCTACACCACCTCCTCAG
CCDC80	CAATTTTGGTCTGCGCCACA	ATGGAGAAGTACTCCGGGCT
PIK3R3	AAAGTCGAGATGGAGAGCAGC	AGTCATTGGCTTAGGTGGCT
FOXO3	TGTTGGTTTGAACGTGGGGA	TGTCCACTTGCTGAGAGCAG
AKT3	GAGGGGAGTCATCATGAGCG	ACTGGCATTGTTGCCACTGAA
FGFR3	GGAGTTCCACTGCAAGGTGT	TCCTTGTCGGTGGTGTAGC
BCL2	GAACTGGGGGAGGATTGTGG	CCGTACAGTTCCACAAAGGC
GADD45	CGTTGGTTTCCGCAACTTCC	AAAATCCGAGCCAGAGAGCC