

SUPPLEMENTARY TABLES

Supplementary Table 1. Clinical characteristics of IDH wild-type GBM cohort of TCGA database.

	NA (<i>n</i> = 10)	Deceased (<i>n</i> = 104)	Living (<i>n</i> = 49)	Total (<i>n</i> = 163)	<i>P</i> -Value
Gender					
Female	5 (50.0%)	40 (38.5%)	13 (26.5%)	58 (35.6%)	0.2193
Male	5 (50.0%)	64 (61.5%)	36 (73.5%)	105 (64.4%)	
Age					
Young-aged (≤ 30)	1 (10.0%)	1 (1.0%)	3 (6.1%)	5 (3.1%)	0.2837
Middle-aged (30–60)	4 (40.0%)	49 (47.1%)	24 (49.0%)	77 (47.2%)	
Old-aged (> 60)	5 (50.0%)	54 (51.9%)	22 (44.9%)	81 (49.7%)	

Supplementary Table 2. Clinical characteristics of the 47 glioblastoma specimens in IHC assay of MYEF2.

Characteristics	MYEF2 expression		Total (<i>n</i> = 47)	<i>P</i> -Value
	(According to IHC staining score)			
	High (<i>n</i> = 21)	Low (<i>n</i> = 26)		
Gender				
Female	8 (38.1%)	12 (46.2%)	20 (42.6%)	0.5785
Male	13 (61.9%)	14 (53.8%)	27 (57.4%)	
Age				
Young-aged (≤ 30)	2 (9.5%)	3 (11.5%)	5 (10.6%)	0.9716
Middle-aged (30–60)	11 (52.4%)	13 (50.0%)	24 (51.1%)	
Old-aged (> 60)	8 (38.1%)	10 (38.5%)	18 (38.3%)	

Supplementary Table 3. Sequences of MYEF2siRNAs.

Sequences of siRNAs	
	Sequence (5'–3')
siMYEF2 1#	GCAACAUCCCAUAUGACAUTT
siMYEF2 2#	CCCUAGAAACUAUGAACAAATT
siMYEF2 3#	CCUGAAGUCAUCAGUAAUUTT
Negative control siRNA	UUCUCCGAACGUGUCACGUTT

Supplementary Table 4. List of candidate hub genes obtained from the green-yellow module of WGCNA.

Candidate hub genes
NOVA1
RAB11FIP1
SEC24D
SOX2
MAP2
MAPT
PTPRZ1
ABCA3
NOVA2

CDH10
CKB
DDR1
MYEF2
NEU4
SCG3
TPM3
TUBB2B
TTYH1
BNC2
