Supplementary

Appendix 1

A. Detailed search terms

(A1) Search terms in PubMed

#1
"Glycine Hydroxymethyltransferase"[Mesh] OR "SHMT protein"
#2
"Prognosis" [Mesh] OR "prognoses" OR "survival" OR "prognostic factors"
#3
"Neoplasms"[Mesh] OR "tumour" OR "cancer" OR ""neoplasm"
#4
#1 AND #2 AND #3

(A2) Search terms in Embase

#1
'glycine hydroxymethyltransferase'/exp
#2
'shmt protein'
#3
'shmt'
#4
'serine hydroxymethyltransferase'
#5
'shmt-1'
#6
'shmt-2'
#7
'prognosis'/exp
#8
'survival'
#9
'prognostic factors'
#10
'neoplasm'/exp
#11
'tumour'
#12
'cancer'
#13
'neoplasms'
#14
#1 OR #2 OR #3 OR #4 OR #5 OR #6
#15
#7 OR #8 OR #9
#16
#10 OR #11 OR #12 OR #13
#17
#14 AND #15 AND #16

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(A3) Search terms in Web of Science

#1
TS = ("Prognosis" OR "survival" OR "prognostic factors")
#2
AK = ("Prognosis" OR "survival" OR "prognostic factors")
#3
TS = ("Glycine Hydroxymethyltransferase" OR "SHMT protein" OR "SHMT" OR "serine hydroxymethyltransferase" OR "SHMT-1" OR "SHMT-2")
#4
AK = ("Glycine Hydroxymethyltransferase" OR "SHMT protein" OR "SHMT" OR "serine hydroxymethyltransferase" OR "SHMT-1" OR "SHMT-2")
#5
TS = ("Neoplasms" OR "tumour" OR "cancer" OR "neoplasm" OR "tumor")
#6
AK = ("Neoplasms" OR "tumour" OR "cancer" OR "neoplasm" OR "tumor")
#7
#2 OR #1
#8
#4 OR #3
#9
#6 OR #5
#10
#9 AND #8 AND #7

(A4) Search terms in Cochrane Central Register of Controlled Trials (CENTRAL)

#1
(Glycine Hydroxymethyltransferase):ti,ab,kw (Word variations have been searched)
#2
SHMT protein
#3
Prognosis
#4
survival
#5
prognostic factors
#6
Neoplasms
#7
cancer
#8
tumour
#9
#1 OR #2
#10
#3 OR #4 OR #5
#11
#7 OR #9 OR #9
#12
#9 AND #10 AND #11

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B. Relevant forest plots of the clinicopathological characteristics associated with SHMT2 expression

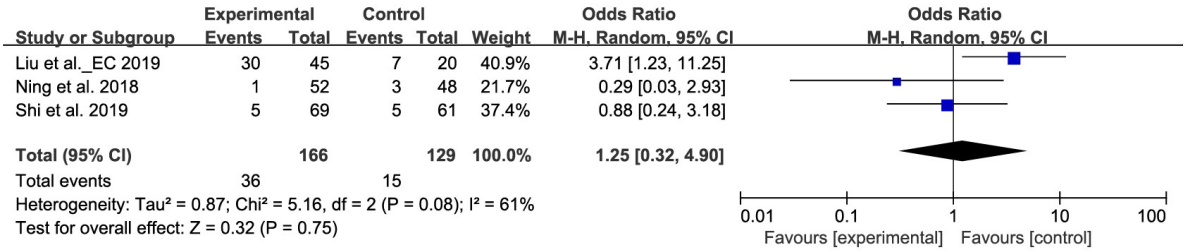

Figure S1 The forest plots of distant metastasis.

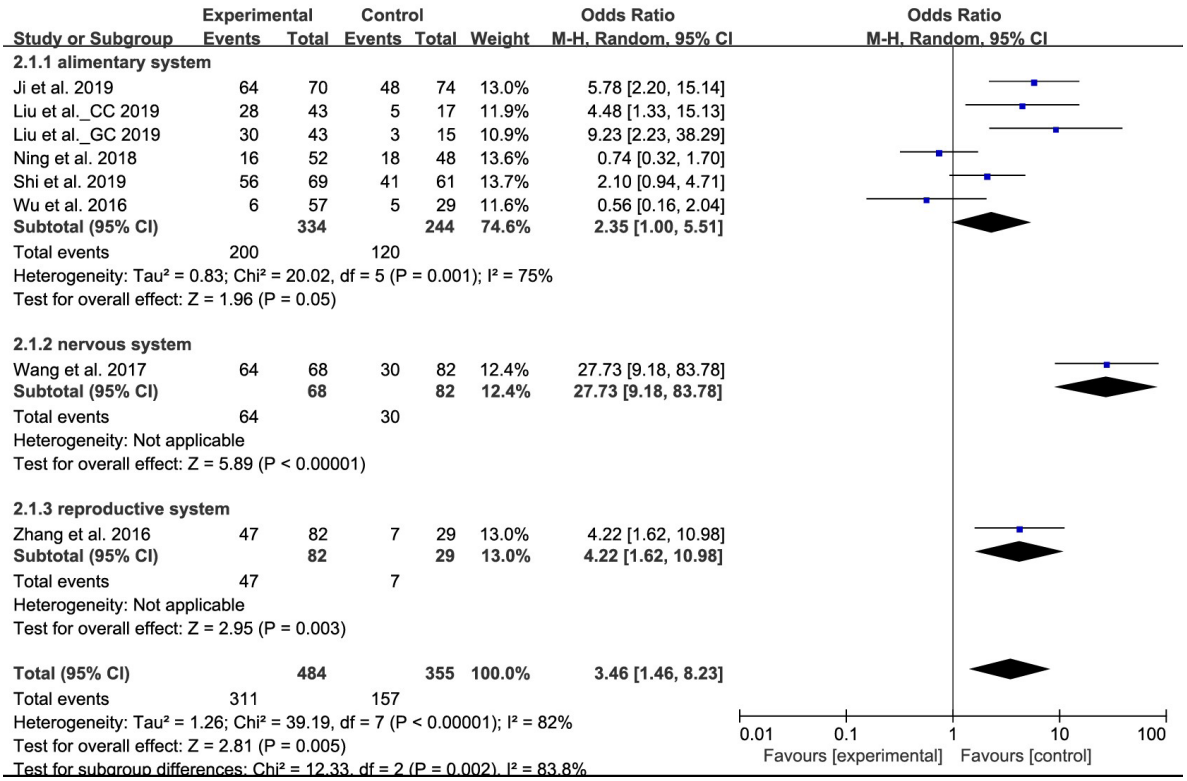

Figure S2 The forest plots of histopathological grade.

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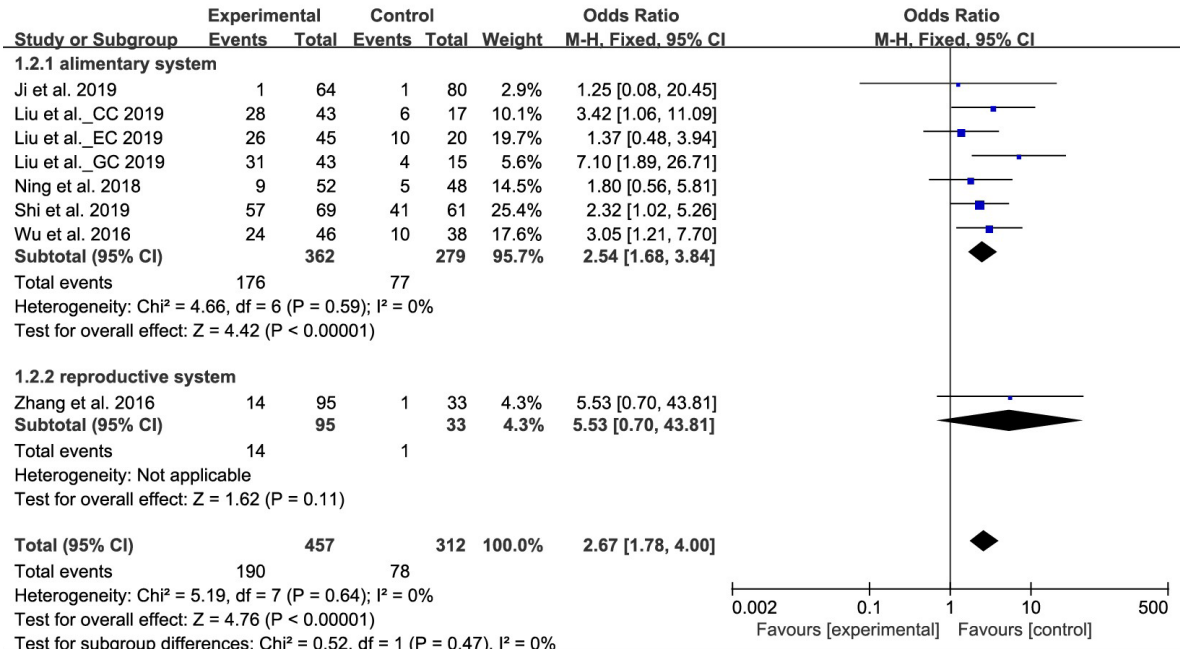

Figure S3 The forest plots of lymphatic invasion.

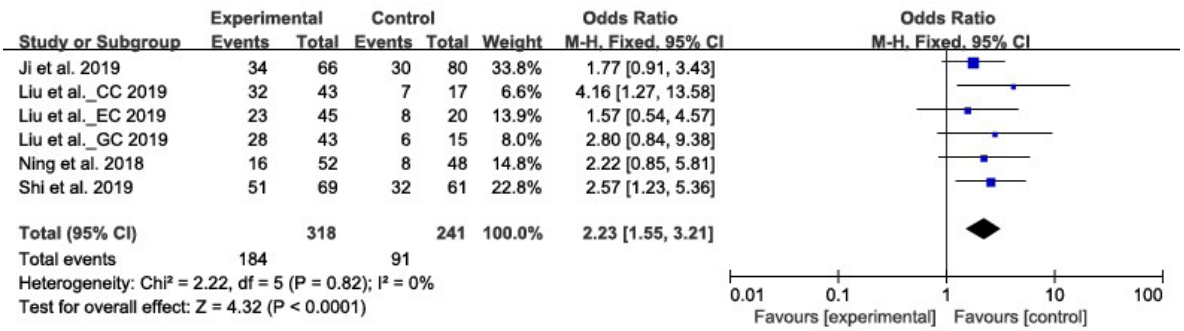

Figure S4 The forest plots of TNM grade.

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