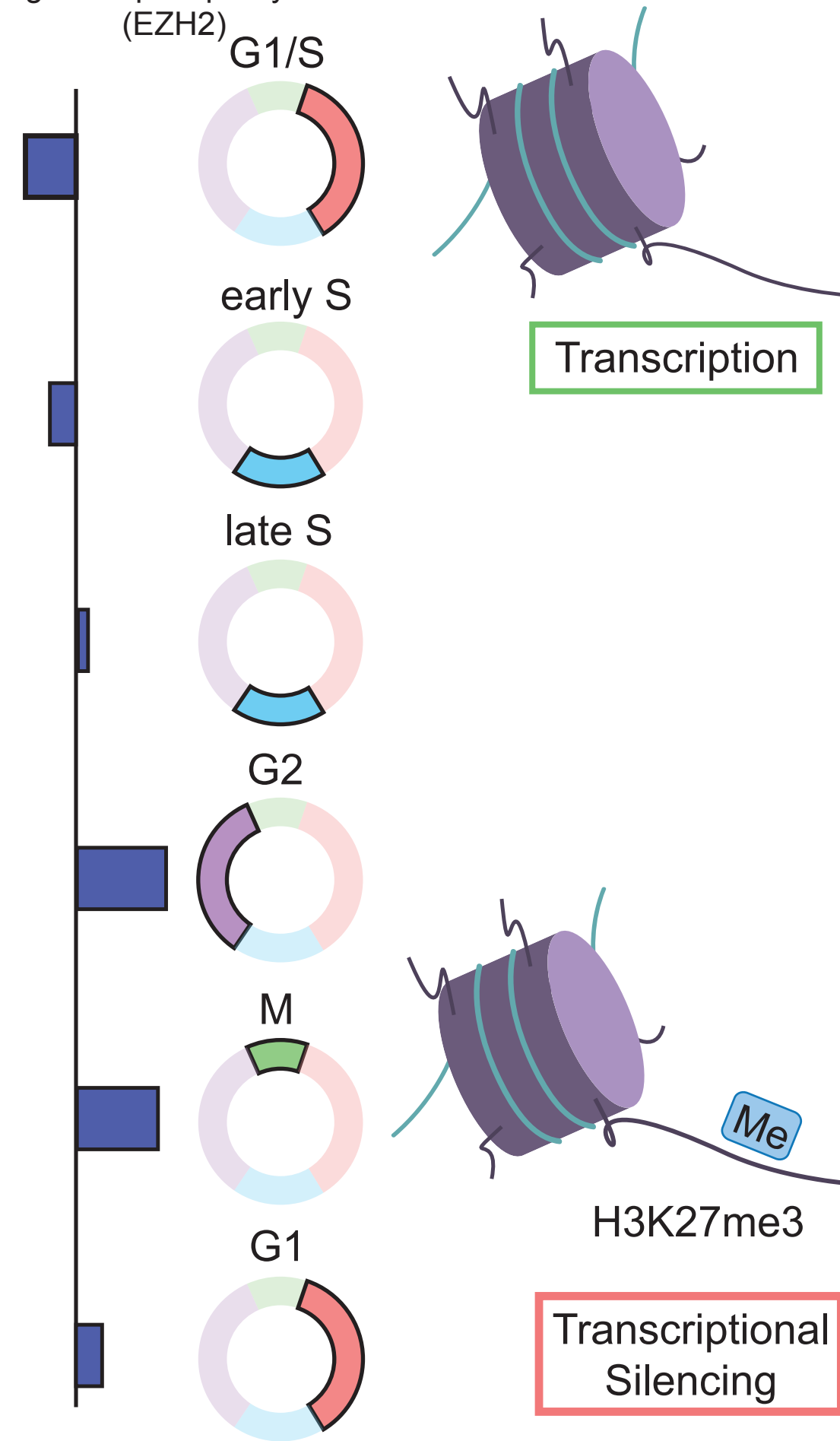


Transcriptional silencing

EZH2

Activating role

Degree of phosphorylation
(EZH2)



Zeng et al.,
Cell Cycle (2011)

CDK1/2

P
EZH2
SUZ12
EED
RbAP46/48

PRC2

RUNX3 CDKN1C

CDK2
cyclinE1

Proliferation

EZH2

Akt-1

P
BRCA1

Cdc25C

P
CDK1
cyclinB1

Proliferation

P
EZH2

STAT3

Me

Me
STAT3

Proliferation

Gonzalez et al.,
Cancer Res. (2011)

Gonzalez et al.,
Oncogene (2009)

Kim et al.,
Cancer Cell (2013)

Gnad et al.,
Genome Biol. (2007)

Olsen et al.,
Sci. Signal. (2010)

Yoo et al.,
Int.J.Biol.Sci. (2012)