Eumetazoans

Demosponges

A

Duplication

proto ARNT/Bmal

ARNT

Bmal

ARNT/Bmal-like

Speciation

Eumetazoans

Demosponges

B

Divergence of the remaining gene

proto ARNT/Bmal

Duplication

ARNT

Bmal

Speciation

Loss of one gene

Divergence of the remaining gene

Eumetazoans

Demosponges