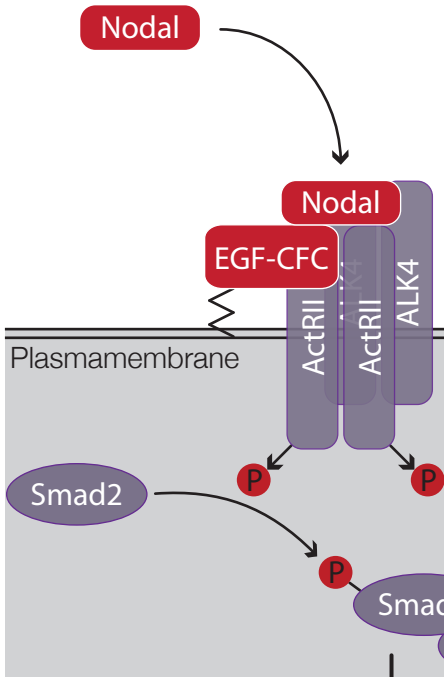
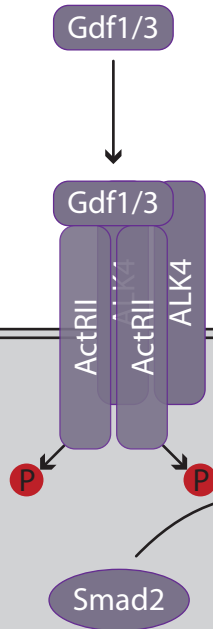
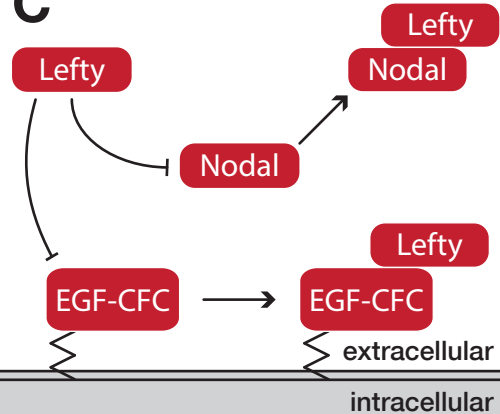


A**B****C**

Plasmamembrane

extracellular
intracellular

Nucleus

pre-bilaterian origin
bilaterian origin

Smad2

Smad4

FoxH1

Nodal-dependent transcription

Smad2

Smad4

Nodal-independent transcription