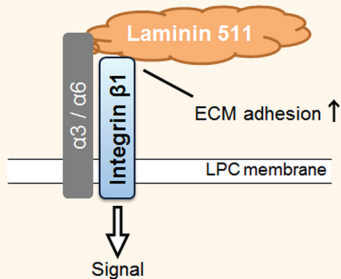


Figure 5-figure supplement 1

DDC Injury

Downregulation of Lutheran

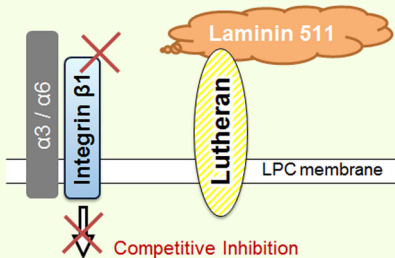


Duct formation \uparrow

Motility \downarrow

CDE Injury

Upregulation of Lutheran



Duct formation \downarrow

Motility \uparrow