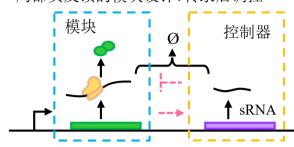
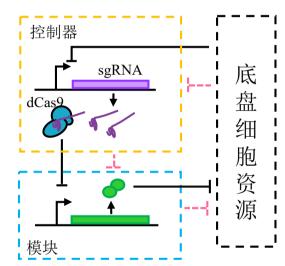


b

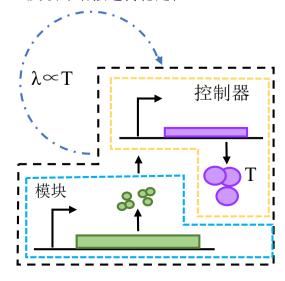
局部负反馈的模块设计:转录后调控



d 全局负反馈的模块设计:基于dCas9

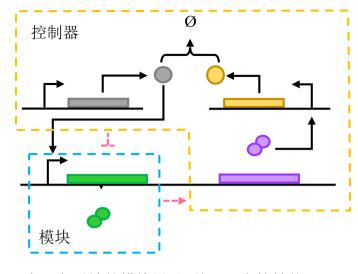


**f** 正反馈环增强遗传稳定性

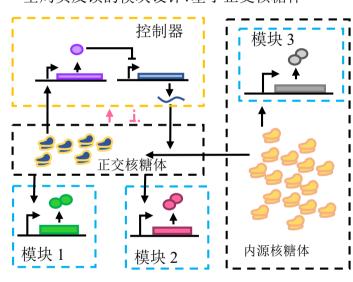


局部负反馈的模块设计:对偶积分反馈

C



e 全局负反馈的模块设计:基于正交核糖体



**g** 利用非协同前馈环的模块化设计

