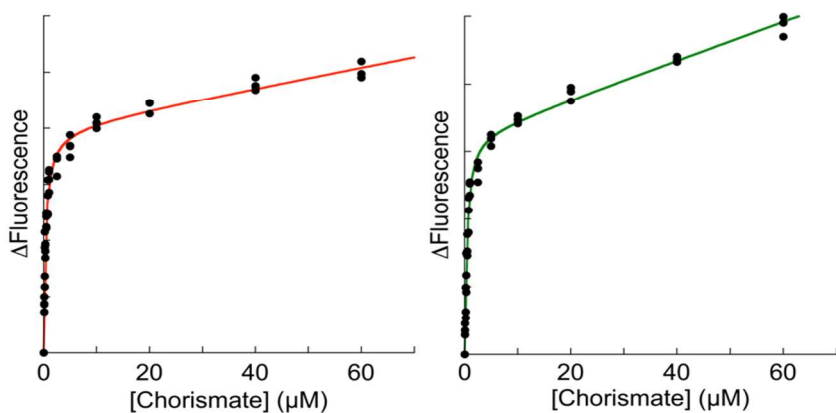


## An Open and Shut Case: The Interaction of Magnesium with MST Enzymes

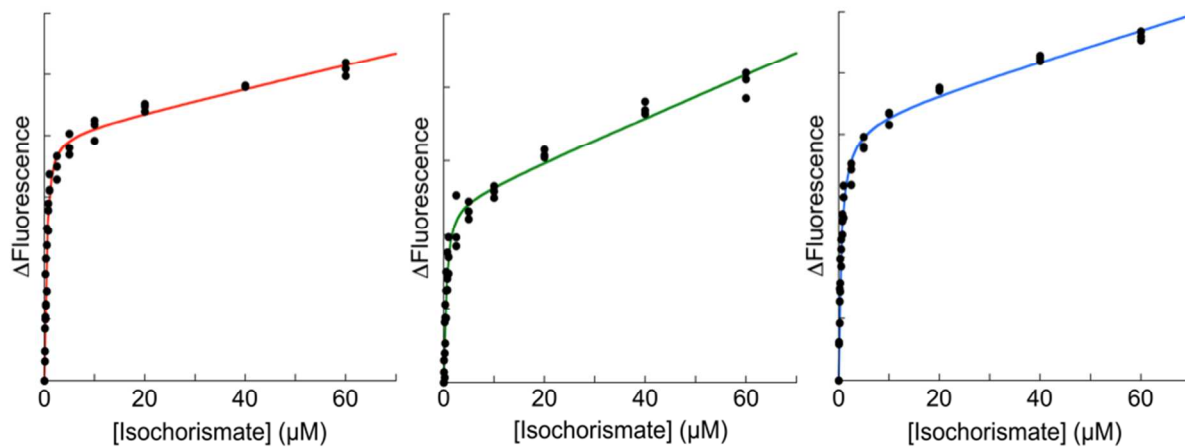
Kathleen M. Meneely, Jesse A. Sundlov, Andrew M. Gulick, Graham R. Moran and Audrey L. Lamb

**Supplemental Figure:** Below are the binding isotherms that were used to determine the dissociation constants that are shown in the tables of Figure 6 and Figure 9. The color coding is the same as in the manuscript proper: PchA = red; EntC = green; Irp9 = blue. Error bars are not visible, because they are smaller than the markers.

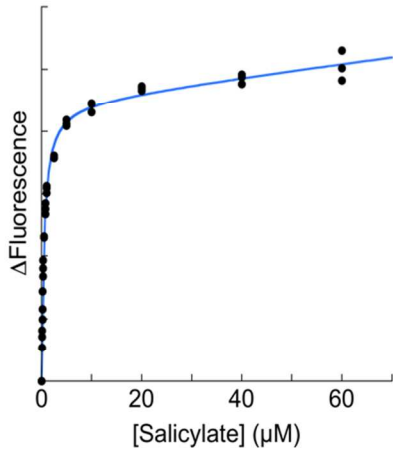
E•chorismate (Irp9 binding isotherm is Figure 6B)



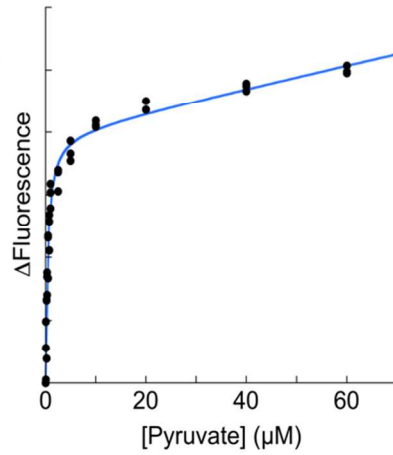
E•isochorismate



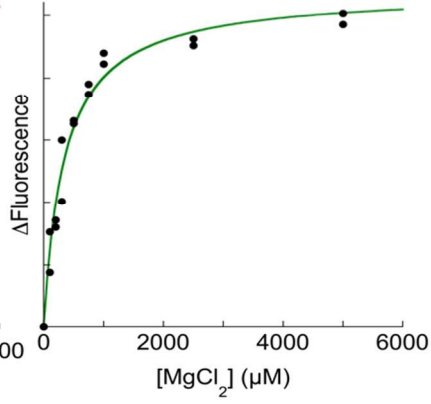
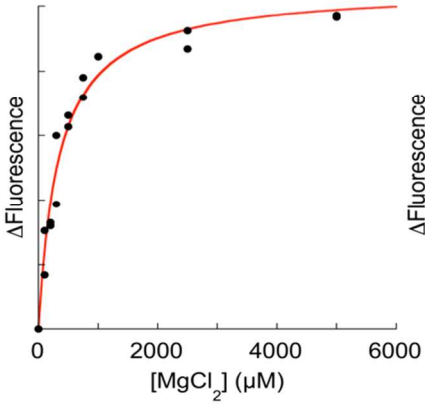
Irp9•salicylate



Irp9•pyruvate



E•Mg(II) (Irp9 binding isotherm is Figure 6C)



E•Fe(II)

