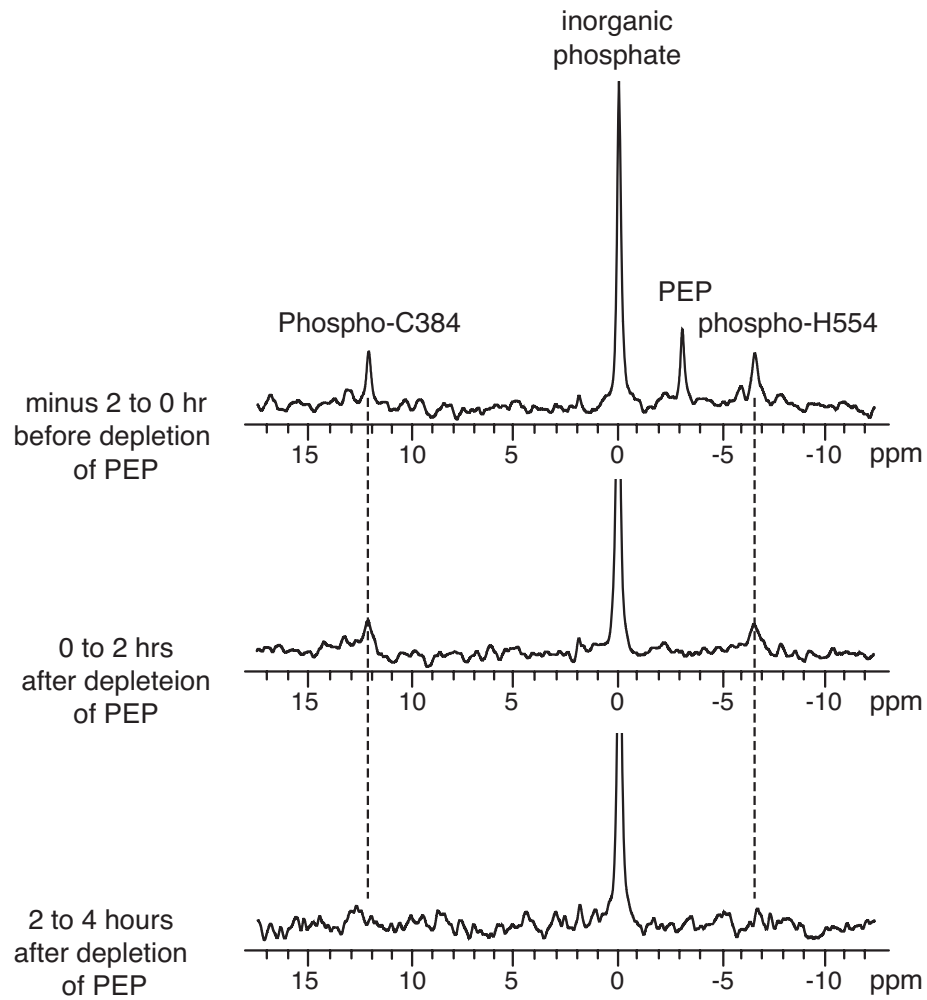


SUPPLEMENTARY INFORMATION**Intramolecular Domain-Domain Association/Dissociation and Phosphoryl Transfer in the Mannitol Transporter of *Escherichia coli* are not Coupled**

Jeong-Yong Suh, Junji Iwahara and G. Marius Clore*

Laboratory of Chemical Physics, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, MD 20892-0520

1 Figure



1D ^{31}P NMR spectra of wild type IIBA^{Mtl} during active intramolecular phosphoryl transfer. Each displayed spectrum is the average of 6 individual spectra recorded sequentially over 2 hour time blocks.