Figure S1

Blue native polyacrylamide gel electrophoresis of the wild-type Xyr1 and the mutant $Xyr1_{A824V}$. 200 nM of protein was applied together with **(a)** the *xyn1* URR fragment (-430 to -396 bp from ATG) (DNA) in molar ratios of 1:0, 5:1, 1:1, 1:5, and 1:10 or together with **(b)** D-xylose (XO) or D-glucose-6-phosphate (G6P) in molar ratios of 1:0, 1:1, and 1:5 (protein to carbohydrate).