

Table S1. Buffers used during each protein purification step.

Protein	Extraction buffer	HisTrap HP buffers		Superdex 200	Resource Q
		Ligation	Elution 2	Xk26 buffer	buffer
FapR	Tris-HCl 20 mM, NaCl			Tris-HCl 50	Ionic strength
	500 mM, Imidazol 10 mM, protease inhibitor (PMSF) 1 mM and DNase I 1 mM.	Imidazol 30 mM	Imidazol 500 mM	mM, NaCl 150 mM, pH7,6	gradient of 20 mM to 600 mM of Tris-HCl pH 7.6