

Supplementary Table 1. Interface Description of Two Units in RsbR_{T209E}ST Assembly

Interface	Unit 1 (a-d)		Unit 2 (e-h)	
	Hydrogen Bonding	Salt Bridges	Hydrogen Bonding	Salt Bridges
Interface i	RsbR ₁ :E195 :: RsbR ₂ :K260	RsbR ₁ :R223 :: RsbR ₂ :D250	RsbS ₂ :K70 :: RsbS ₃ :S101	No salt bridges
		RsbR ₁ :E195 :: RsbR ₂ :K260	RsbS ₃ :L71 :: RsbS ₃ :S101	
			RsbS ₃ :G73 :: RsbS ₃ :S101	
Interface ii	RsbR ₁ :E237 :: RsbS ₁ :H37	RsbR ₁ :E237 :: RsbS ₁ :H37	RsbR ₃ :R223 :: RsbS ₂ :S101	No salt bridges
	RsbR ₁ :N256 :: RsbS ₁ :S40		RsbR ₃ :L224 :: RsbS ₂ :S101	
Interface iii	RsbS ₁ :F96 :: RsbR ₂ :R223	RsbR ₃ :E248 :: RsbS ₃ :S67	No salt bridges	RsbR ₃ :E248 :: RsbS ₃ :K70
	RsbS ₁ :S101 :: RsbR ₂ :L224			