

**A**

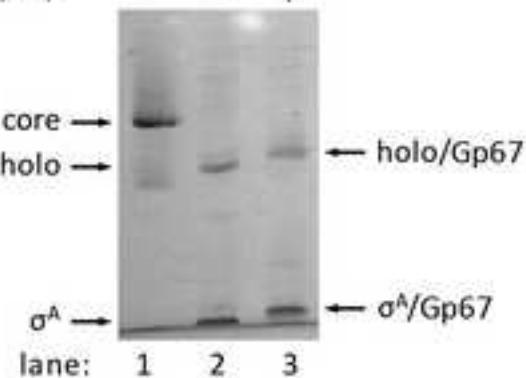
$\lambda$ pL taaattatctctggcggtg TTGACAtaaaataccactggcggt GATACT gagcacAtca

### $\lambda$ pL promoter

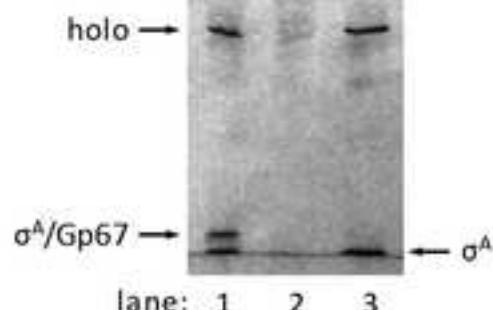
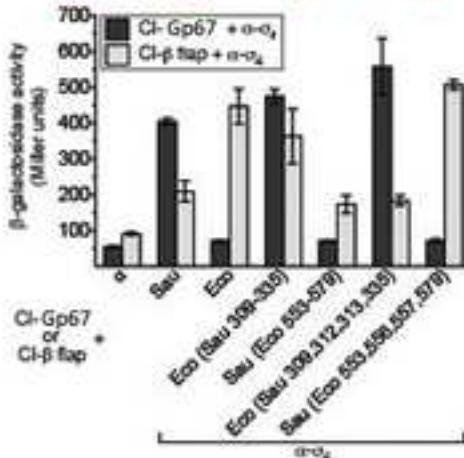
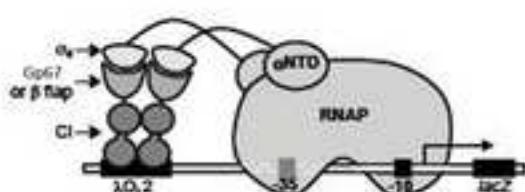
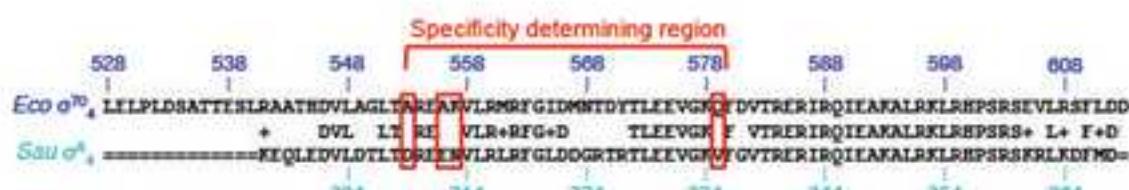
Ecocore/Sau c	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gp67( $\mu$ M)	-	-	-	-	-	1	1	1	1	5	5	5	5	5
time(min)	0	0.5	1	2	5	0	0.5	1	2	5	0	0.5	1	2

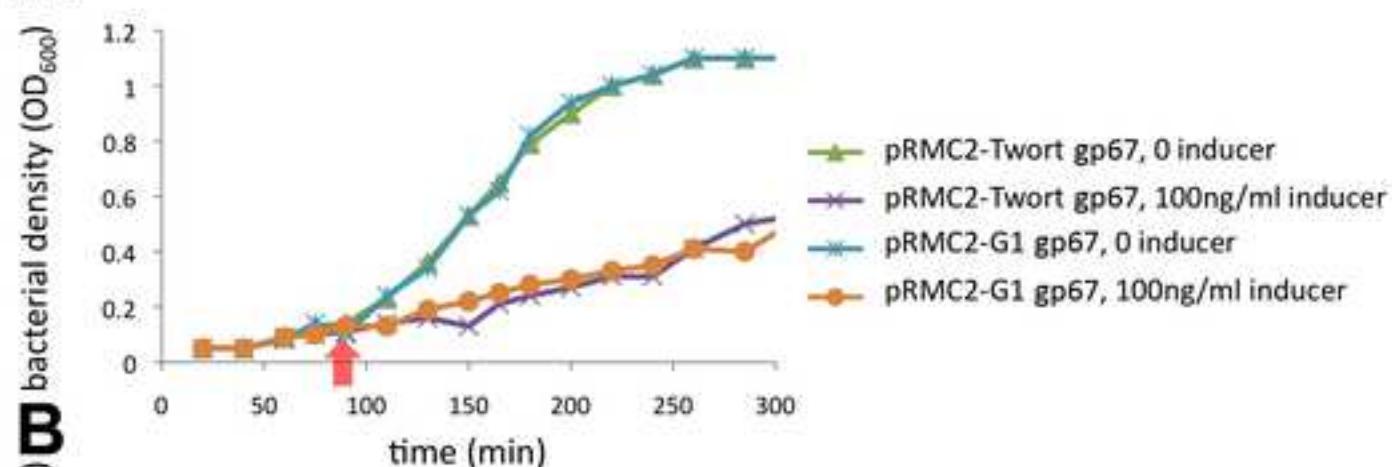
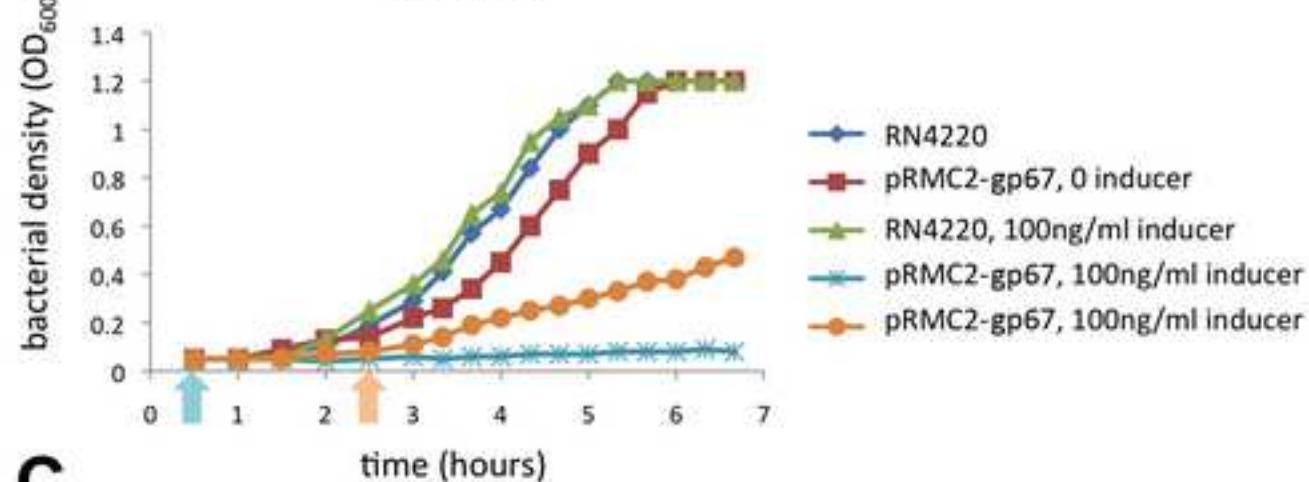
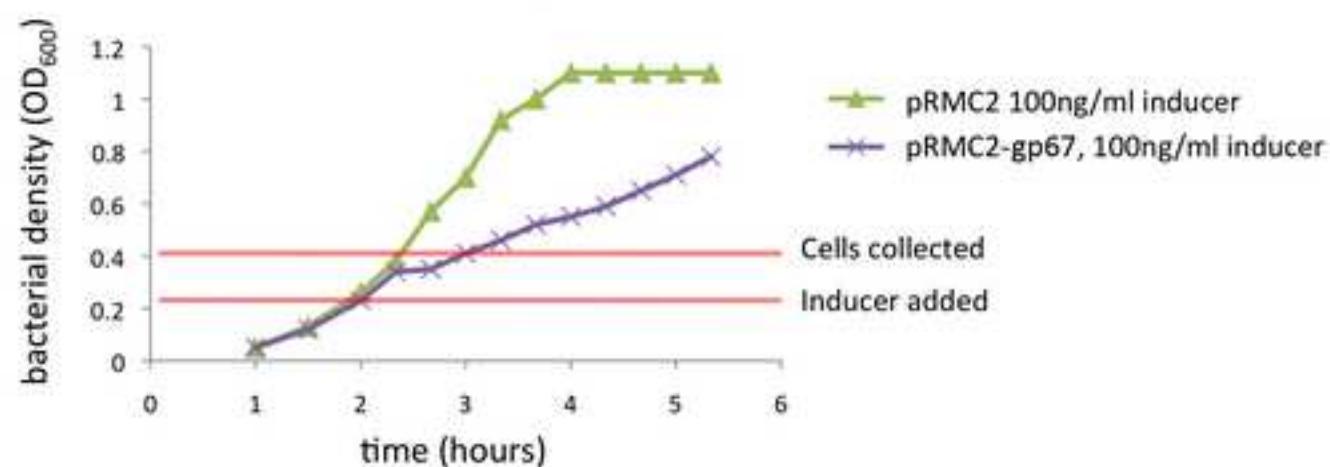
**B**

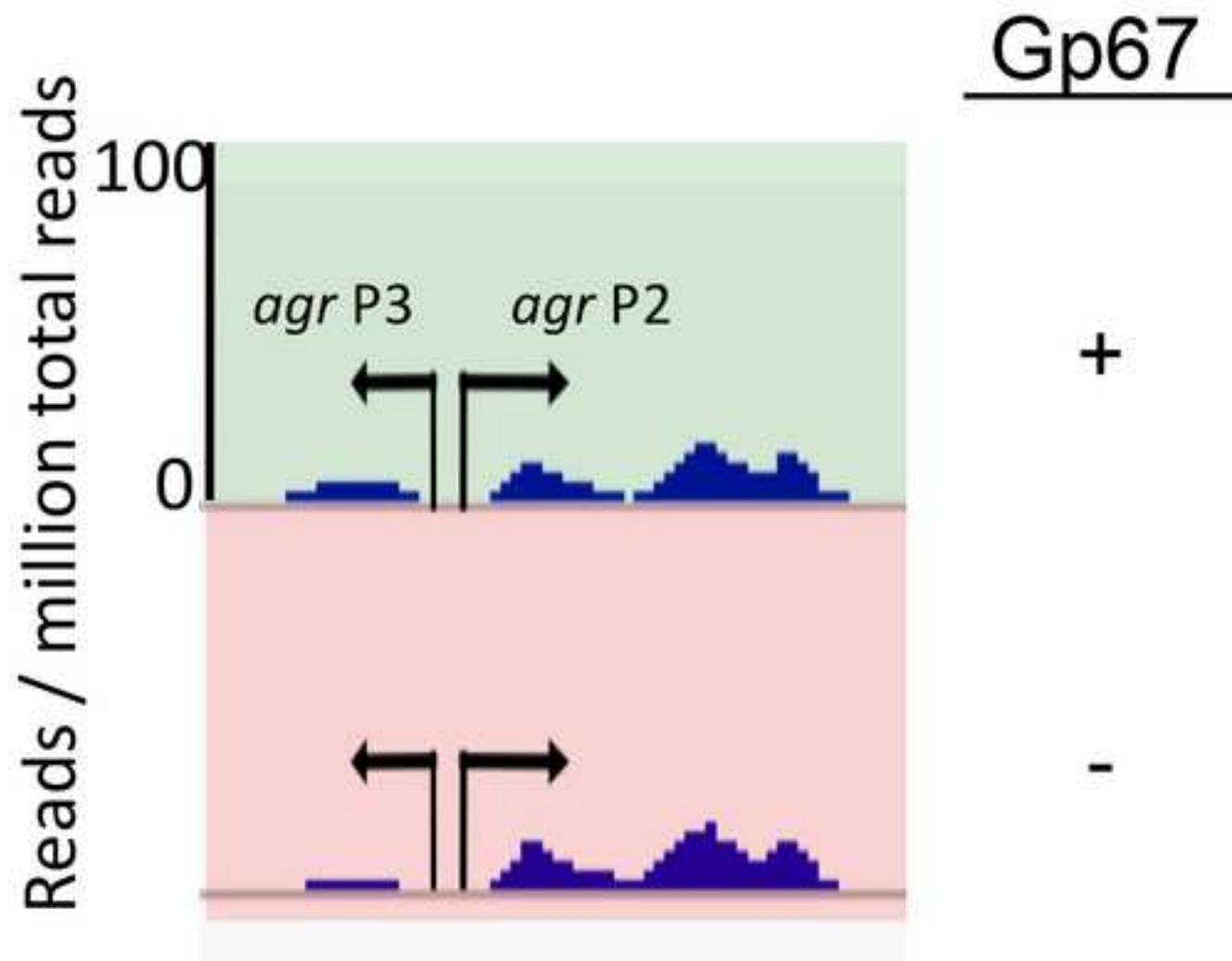
Sau core (2 $\mu$ M)	+	+	+
Sau $\sigma^A$ (5 $\mu$ M)	-	wt	wt
Gp67 (5 $\mu$ M)	-	-	+

**C**

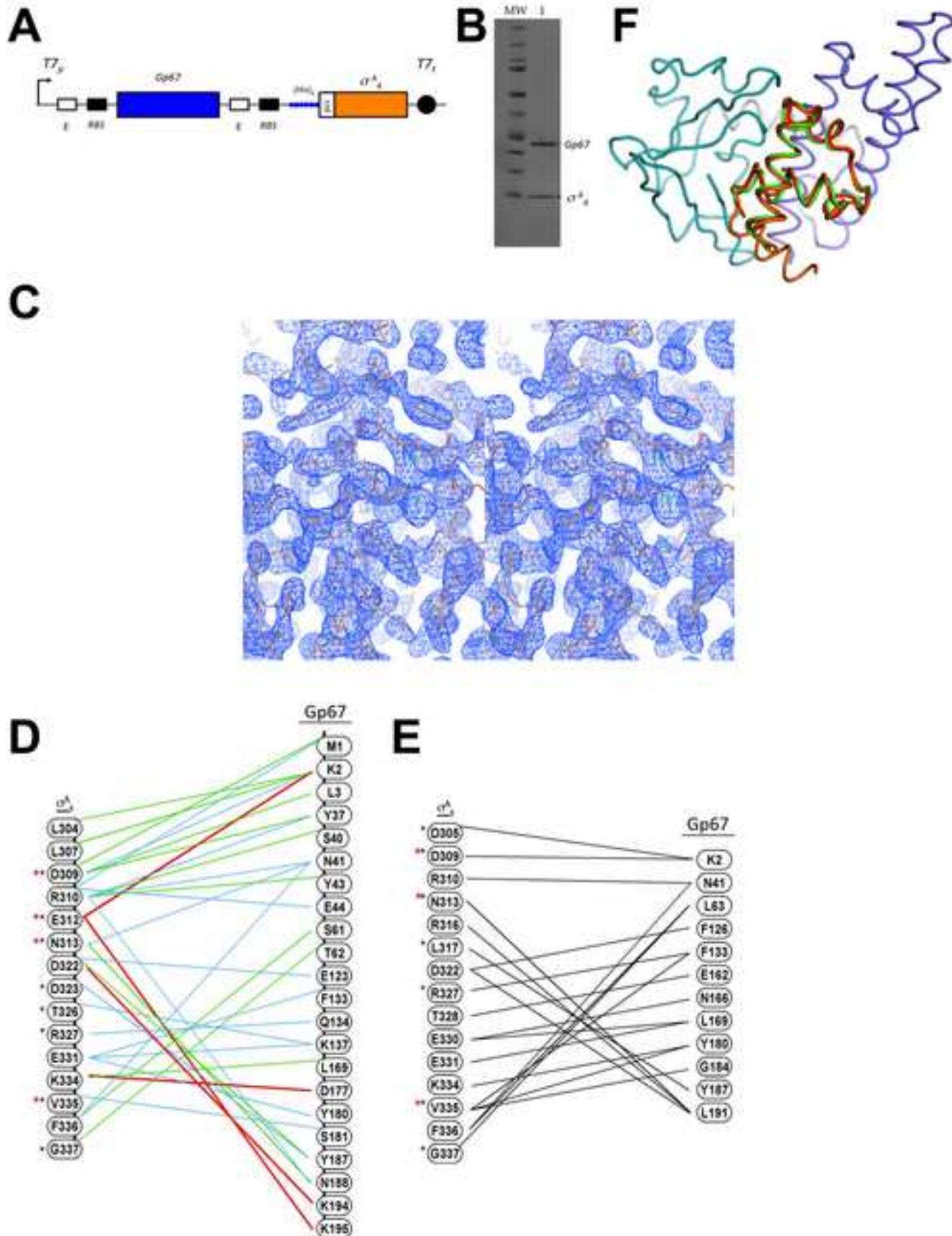
Eco core (2 $\mu$ M)	+	+	+
Sau $\sigma^A$ (5 $\mu$ M)	+	-	+
Gp67 (5 $\mu$ M)	+	-	-

**D**

**A****B****C**



Osmundson et al., Figure S3



Osmundson et al., Figure S4

