

Interaction partners		Interactions [Miller Units]				
A	B	pKT25C-A	pKT25C-A	pUT18C-A	pUT18N-A	max.
		+ pUT18C-B	+ pUT18N-B	+ pKT25C-B	+ pKT25C-B	
Flip +2	Flip +2	156	104	-	-	156
	Flip	169	192	245	226	245
	Syn-h +2	58	50	56	60	60
	Syn-h	56	60	108	62	108
	Syn-cyt	66	63	54	222	222
	Syn-h-cyt	498	507	213	433	507
	MprF	213	179	148	331	331
Flip	Flip	302	165	-	-	302
	Syn-h +2	54	53	69	64	69
	Syn-h	325	279	608	204	608
	Syn-cyt	65	61	66	550	550
	Syn-h-cyt	1165	170	906	593	1165
	MprF	252	447	384	828	828
Syn-h +2	Syn-h +2	53	50	-	-	53
	Syn-h	57	46	51	50	57
	Syn-cyt	62	64	49	51	64
	Syn-h-cyt	69	62	50	47	69
	MprF	69	69	61	52	69
Syn-h	Syn-h	61	61	-	-	61
	Syn-cyt	65	65	60	93	93
	Syn--h-cyt	93	72	47	60	93
	MprF	72	72	80	62	80
Syn-cyt	Syn-cyt	66	1425	-	-	1425
	Syn-h-cyt	64	299	63	72	299
	MprF	71	68	77	61	77
Syn-h-cyt	Syn-h-cyt	101	570	-	-	570
	MprF	82	463	276	595	595
MprF	MprF	382	490	-	-	490


Miller Units

0-150

150-500

500-1000

1000-1500



Supplemental Figure 2: β -galactosidase activity in Miller Units of *E. coli* expressing MprF domain interaction partners (A and B) fused N- or C-terminally to adenylate cyclase fragments. C-terminal fusions encoded by low-copy number plasmid pKT25C and high-copy number plasmid pUT18C. N-terminal fusions encoded by high-copy number plasmid pUT18N. The mean of at least 3 independent experiments is shown.