

Table S4: Plasmids

Plasmid	Genotype	Reference
pAH25	<i>amyE spec amp</i>	Gift from Amy Camp, Mt. Holyoke College
pDR111	<i>amyE::P_{hyspank} spec amp</i>	Gift from David Rudner, Harvard Medical School
pMimiMAD	<i>oriP^{f.s} mls amp</i>	(Patrick and Kearns, 2008)
pKRH58	$\Omega\Delta yaaO$ <i>mls amp</i>	
pKRH69	$\Omega\Delta yfkA$ <i>mls amp</i>	
pKRH70	$\Omega\Delta ynbB$ <i>mls amp</i>	
pKRH71	$\Omega\Delta ynbA$ <i>mls amp</i>	
pKRH72	$\Omega\Delta gsaB$ <i>mls amp</i>	
pKRH73	$\Omega\Delta ywIG$ <i>mls amp</i>	
pKRH86	<i>amyE::P_{ynbA-ynbB} spec amp</i>	
pKRH87	<i>amyE::P_{yfkA-yfkA} spec amp</i>	
pKRH88	<i>amyE::P_{ywIF-ywIG} spec amp</i>	
pKRH89	<i>amyE::P_{xpcA-yaaO} spec amp</i>	
pKRH90	<i>amyE::P_{gsaB-gsaB} spec amp</i>	
pKRH101	<i>amyE::P_{ynbA-ynbA} spec amp</i>	
pKRH112	<i>amyE::P_{hyspank-yaaO} spec amp</i>	
pAW40	<i>amyE::P_{hyspank-ppw-gfp} spec amp</i>	Rajkovic, 2016
pAW92	<i>amyE::P_{hyspank-gfp} spec amp</i>	Rajkovic, 2016
pAW93	<i>amyE::P_{hyspank-ppp-gfp} spec amp</i>	Rajkovic, 2016
pAW162	<i>amyE::P_{hyspank-ppe-gfp} spec amp</i>	
pAW143	<i>amyE::P_{hyspank-fabF} spec amp</i>	
pAW144	<i>amyE::P_{hyspank-fabG} spec amp</i>	
pAW145	<i>amyE::P_{hyspank-accB} spec amp</i>	