

Additional file 2: Table S1. Properties of the evaluated promoters and vectors

Promoter	Vector backbone	Inductor	Size (bp)	Selection marker	Copy #	Comment
<i>aida</i> promoter	pMK90	NA	5521	Ampicillin	Low	Constitutively expressed Native promoter for AIDA-I
<i>T7</i> promoter	pET-26B	IPTG	7694	Kanamycin	High	High expression level Conventional promoter
<i>RhaBAD</i> promoter	pRha811	L-rhamnose	7230	Kanamycin	High	Tightly regulated Fine-tuned expression using both repressive D-glucose and inducing L-rhamnose
<i>AraBAD</i> promoter	pBAD33	L-arabinose	7890	Chloramphenicol	Low	Tightly regulated Low basal expression