Supplementary Table S1. List of toolkit plasmids.

Plasmid	Туре	Description	<i>E. coli</i> marker
pYTK001	entry vector	Part Plasmid Entry Vector	CamR
pYTK002	1	ConLS	CamR
pYTK003	1	ConL1	CamR
pYTK004	1	ConL2	CamR
pYTK005	1	ConL3	CamR
pYTK006	1	ConL4	CamR
pYTK007	1	ConL5	CamR
pYTK008	1	ConLS'	CamR
pYTK009	2	pTDH3	CamR
pYTK010	2	pCCW12	CamR
pYTK011	2	pPGK1	CamR
pYTK011	2	pHHF2	CamR
pYTK012	2	pTEF1	CamR
pYTK014	2	pTEF2	CamR
pYTK014 pYTK015	2	pHHF1	CamR
pYTK016	2	pHTB2	CamR
pYTK010	2	pRPL18B	CamR
pYTK017 pYTK018	2	pALD6	CamR
pYTK010	2	pPAB1	CamR
pYTK019	2	pRET2	CamR
pYTK020	2	pRNR1	CamR
pYTK021	2	pSAC6	CamR
pYTK022 pYTK023	2	pRNR2	CamR
pYTK023	2	pPOP6	CamR
pYTK024 pYTK025	2	pRAD27	CamR
pYTK025	2	pPSP2	CamR
pYTK020	2	pREV1	CamR
pYTK027	2	pMFA1	CamR
pYTK029	2	pMFa2	CamR
pYTK030	2	pGAL1	CamR
pYTK030	2	pCUP1	CamR
pYTK031	3	mTurquoise2	CamR
pYTK032	3	Venus	CamR
pYTK033	3	mRuby2	CamR
pYTK035	3	I-Scel (ORF)	CamR
pYTK036	3	Cas9	CamR
pYTK037	3a	mTurquoise2	CamR
pYTK037	3a	Venus	CamR
pYTK039	3a	mRuby2	CamR
pYTK040	3a	3XFLAG-6XHis	CamR
pYTK040	3a	Ubi-M	CamR
pYTK041	3a	Ubi-Y	CamR
pYTK042	3a	Ubi-R	CamR
pYTK043	3b	mTurquoise2	CamR
pYTK044 pYTK045	3b	Venus	CamR
pYTK045	3b	mRuby2	CamR
pYTK040	234r	GFP dropout	CamR
pYTK047	234	Spacer	CamR
piiku t u	20 7	Ориосі	Cannix

pYTK049	234	I-Scel recognition site	CamR
pYTK050	234	sgRNA Dropout	CamR
pYTK051	4	tENO1	CamR
pYTK051	4	tSSA1	CamR
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pYTK053	4	tADH1	CamR
pYTK054	4	tPGK1	CamR
pYTK055	4	tENO2	CamR
pYTK056	4	tTDH1	CamR
pYTK057	4a	mTurquoise2	CamR
pYTK058	4a	Venus	CamR
pYTK059	4a	mRuby2	CamR
pYTK060	4a	3XFLAG-6XHis	CamR
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pYTK061	4b	tENO1	CamR
pYTK062	4b	tSSA1	CamR
pYTK063	4b	tADH1	CamR
pYTK064	4b	tPGK1	CamR
pYTK065	4b	tENO2	CamR
pYTK066	4b	tTDH1	CamR
pYTK067	5	ConR1	CamR
pYTK068	5	ConR2	CamR
pYTK069	5	ConR3	CamR
pYTK070	5	ConR4	CamR
pYTK071	5	ConR5	CamR
pYTK072	5	ConRE	CamR
pYTK073	5	ConRE'	CamR
pYTK074	6	URA3	CamR
pYTK075	6	LEU2	CamR
pYTK076	6	HIS3	CamR
pYTK077	6	KanamycinR	CamR
pYTK078	6	NourseothricinR	CamR
pYTK079	6	HygromycinR	CamR
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pYTK080	6	ZeocinR	CamR
pYTK081	7	CEN6/ARS4	CamR
pYTK082	7	2micron	CamR
pYTK083	8	AmpR-ColE1	AmpR
pYTK084	8	KanR-ColE1	KanR
pYTK085	8	SpecR-ColE1	SpecR
pYTK086	7	URA3 3' Homology	CamR
pYTK087	7	LEU2 3' Homology	CamR
pYTK088	7	HO 3' Homology	CamR
pYTK089	8a	AmpR-CoIE1	AmpR
pYTK090	8a	KanR-ColE1	KanR
•	8a		
pYTK091		SpecR-ColE1	SpecR
pYTK092	8b	URA3 5' Homology	CamR
pYTK093	8b	LEU2 5' Homology	CamR
pYTK094	8b	HO 5' Homology	CamR
pYTK095	678	AmpR-ColE1	AmpR
pYTK096	cassette	Pre-Assembled URA3 Integration Vector	KanR