plasmid name	description	used in figures	Addgene	GenBank
pBM062	used to generate Cas9-expressing cells (construct 1)	1; S1	-	MN019114
pBM019	used to generate Cas9-expressing cells (construct 2)	1; S1; S2B	#128179	MN019123
pU6[sgSAG1]-DHFR	SAG1-targeting sgRNA (Sidik et al., 2014 [5])	1D, 3C, 4C	#80322	-
pBM006	sgRNA #1 and Cas9; used for competitions	2A,B,I,H; 3A–D; 4A–E; S2A,D	-	MN019111
pBM013	Cas9; used for competitions	2A,B; 3A–E; 4A–E	-	MN019124
pBM020	sgRNA #1 and dCas9; used for competitions	2C,G	-	MN019122
oBM023	dCas9; used for competitions	2C	-	MN019121
oBM040	sgRNA #2 and Cas9; used for competitions	2F	-	MN019117
oBM025	sgRNA #1 and Cas9; used for competitions	2F,G; S2C	-	MN019120
oBM041	sgRNA #3 and Cas9; used for competitions	21	-	MN019116
oBM042	sgRNA #4 and Cas9; used for competitions	21	-	MN019115
oBM064	mRuby3 and sgRNA #1 (complementation construct);			
	used for competitions	3E	-	MN019113
oBM065	mRuby3 and a scrambled version of sgRNA #1			
	(complementation-control construct); used for competitions	3E	_	MN019112
oBM027	sgRNA #1 and eCas9	S2C	-	MN019110
oBM029	sgRNA #1 and Cas9-HF1	S2C	-	MN019118
bBM026	flip-extended sgRNA #1 (F+E sgRNA#1) and Cas9	S2D	_	MN019119

Table S1: Plasmids used in this study