Part Name	Part #	Location: Plate, Well	Resistance	Competent Cell Type	Transformation Label	2nd Transformation	Culture #	Forward Seq#	Reverse Seq#
TetR promoter	R0040	1000, 4C	Ampicillin	Top 10	1	1α (DH5alpha)	1	15	15
LacI promoter	R0010	1002, 5E	Ampicillin	Top 10	14	14 α (DH5alpha)	14	10 (KGV 142)	9 (KGV 141)
λcI promoter	R0051	1000, 4E	Ampicillin	Top 10	7	7 α (DH5alpha)	7	12 (KGV 144)	12 (KGV 144)
λcI gene	C0051	1000, 3A	Ampicillin	DH5alphaPro	13	13 α (DH5alpha)	13	4 (KGV 136)	3 (KGV135)
p22 cII promoter	R0053	1000, 4F	Ampicillin	Top 10	9	9 α (DH5alpha)	9	13 (KGV 145)	13 (KGV 145)
p22 cII gene	C0053	1000, 3C	Ampicillin	DH5alphaPro	6	6 α (DH5alpha)	6	2 (KGV134)	1 (KGV133)
p22 mnt promoter	R0073	1013, 5E	Kanamycin	Top 10	4	--	No growth		
p22 mnt gene	C0072	1013, 3G	Kanamycin	Top 10	5	--	No growth		
Terminator	B1006	1016, 8D	Amp/Kan	Top 10	11	11 α (DH5alpha)	11	11 (KGV 143)	11 (KGV 143)
RBS	B0032	1000, 2C	Ampicillin	DH5alphaPro	12	12 α (DH5alpha)	12	14 (KGV 146)	14 (KGV 146)
GFP	E0040	1001, 7E	Ampicillin	Top 10	10	10 α (DH5alpha)	10	8 (KGV 140)	7 (KGV 139)
EYFP	E0430	1000, 5D	Ampicillin	Top 10	8	8 α (DH5alpha)	8	6 (KGV 138)	5 (KGV137)
YFP	I13003	1002, 4C	Ampicillin	Top 10	2	2 α (DH5alpha)	2	17	16
mCherry	J06702	1004, 7H	Ampicillin	Top 10	3	3 α (DH5alpha)	3		
pSB4A5	pSB4A5	1022, 1C	Ampicillin	Top 10	15	15 α (DB3.1)	No growth		
pSB4C5	pSB4C5	1020, 5C	Cm	Top 10	16	16 α (DB3.1)	No growth		
pSB3K5	pSB3K5	1014, 1G	Kanamycin	Top 10	17	17 α (DB3.1)	No growth		
p22 mnt promoter	R0073	1013, 5E	Kanamycin	Top 10	19	19 α (DH5alpha)	19	18	18
p22 mnt gene	C0072	1013, 3G	Kanamycin	Top 10	18	--	No growth		

*Samples 1,2,3,19 were successfully transformed, but have not yet been plasmid prepped. Samples 4,5,18 showed no transformants and thus, no cultures were started.
**Plasmid vectors (15-17) contain the ccdB lethal gene and thus cannot be grown in Top 10 competent cells. New competent cells have been ordered
***Blanks in the sequencing columns indicate that these samples have not yet been sent for sequencing