

Table 1. Promoter sequencing

Promoters were sequenced using primers:

PL_Left_seq:AGATCCTTGGCGGCAAGAAA and

PL_Right_seq:GCCATGGAACAGGTAGTTTTCCAG

Promoter name	Promoter sequence	Promoter strength	Relative mRNA	Chloramphenicol minimum inhibitory concentration (µg/ml)	Average promoter metric
AA	CAATTCGACGTCTAAGAAACCATTA TTATTATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTCCGTCT TCACCTCGAGTCCCTATCAGTGATAG AGATTGACATCCCTATCAGTGATAGA AATACTGAGCACATCAGCAGGACGC ACTGACC	40,942.21	0.236732	225	0.218905
B	CAATTCGACGTCTAAGAAGCCATTA TTATCATGACATTAACCTATAAAAGT AGGCGTGTACAAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGCGATAG AGATTGACATCCCTATCAGTGACCGA GATACTGAGCACATCAGCAGGACGC ACTGACC	143,258.01	0.906126	372	0.815062
BB	CAATTCGACGTCTAAGAGACCATTA TTATCGTGACATTAACCTATAAAGAC AGGCGTGTACGAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGTGACAG AGATTGACACCCCTATCAGTGATAG AGATACTGAGCACATCAGCAGGACG CACTGACC	85,320.056	0.407102	338	0.417495
E	CAATTCGACGCCTAAGAAACCATT ATTATCATGACATTAGCCTATAAAAAA TAGGCGTACCACGAGGCCCTTTCGTCT TTCACCTCGAGTCCCTATCAGTGATA GAGATTGACACCCCTATCAGTGATA GAGATACTGAGCACATCAGCAGGAC GCACTGACC	183,693.69	0.743061	375	0.83686
F	CAATTCGACGTCTAAGAAACCATTG TTATCGTGACATTAACCTATAANANT AGGCGTATCACGAGGCCCTTTCGCCT TCACCTCGAGTCCCTATCAGYGATAG AGACCGACACCCCTATCAGTGATAG GGATACTGGGCACATCAGCAGGACG CACTGACC	194,748.86	0.686715	372	0.836938
II	CAATCCGACGTCTAAGAAACCATTAT TATCATGACATTAACCTATAAAAAATA GGCGTATCACGAGGCCCTTTCGTCTT CACCTCGAGTCCCTATCAGTGATAGA GATGGACATCCCTATCAGTGATAGA GATACTGAGCACATCAGCAGGACGC ACTGACC	5,781.5417	0.063856	34	0.042617
JJ	CAATTCGACGTCTAAGAAACCATTA TTATCATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGTGATAG AGATTGACCTCCCTATCAGTGATAGA GATACTGAGCACATCAGCAGGACGC ACTGACC	18,896.294	0.159416	68	0.123911
K	CAATTCGACGTCTAAGAAACCATTA TTATCATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGTGATAG GGATTGACATCCCTATCAGTGATAGA	50,376.463	0.29891	282	0.274103

	GACACTGGGCACATCAGCAGGACGC ACTGACC				
L	CAATTCCGACGTCTAAGAAACCATTG TTATCATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGTGATAG AGATTGACACCCCTATCAGTGACAG AGATACTGAGCACATCAGCAGGACG CACTGACC	129,869.65	0.757858	338	0.706716
N	CAATTCCGACGTCTAAGAAACCATTA TTATCATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGTGATAG AGATTGACACCCCTATCAGTGCTAGA GATACTGAGCACATCAGCAGGACGC ACTGACC	90,494.778	0.366629	372	0.410482
OO	CAATTCCGACGTCTAAGAAACCATT ATCATGACATCAACCTATAAAAAATA GGCGTATCACGAGGCCCTCTCGTCTC CACCTCAAGCTCCCTATCTAGTGATA GCGATTGACATCCCTATCAGTGACGG AGATATTGAGCACATCAGCAGGACG CACTGACC	996.99754	0.003075	17	0
P	CAATTCCGACGTCTAGGAAACCGTTA TATCATGACGCCGACCTATAAAGAT AGGCGGTCNCGAGGCCCTTCCGCCT TCACCTCGNGCTCCCTATCAGTAATA GAGATTGACACCCCTGTCAGTGATA GGGATACTGAGCACATCAGCAGGAC GCACTGACC	160,631.4	0.575729	425	0.69426
P _{L^{Tet}O1}	CAATTCCGACGTCTAAGAAACCATT ATTATCATGACATTAACCTATAAAAA TAGGCGTATCACGAGGCCCTTTCGTCT TTCACCTCGAGTCCCTATCAGTGATA GAGATTGACATCCCTATCAGTGATAG AGATACTGAGCACATCAGCAGGACG CACTGACC	145,806.85	1	338	0.868513
Q	CAATTCCGACGTCTAAGAAACCATTA TTATCATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGTGATAG AGATTGACATCCCTATCAGTGATAGG GATACTGAGCACATCAGCAGGACGC ACTGACC	195,662.5	0.736003	450	0.863916
R	CAATTCCGACGTCTGAGAAGCCATTA TTATCATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGTCT TCACCTCAAGCCCCTATCAGTGATAG AGATTGACATCCCTATCAGTGATAGA GACACTGAGCACATCAGCAGGACGC ACTGACC	32,141.611	0.126381	225	0.141241
S	CAATTCCGACGTCTAAGAAACCATTA TTATCATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGTGATAG AGATTGACATCCCTATCAGTGATAGA GACACTGAGCACATCAGCAGGACGC ACTGACC	41,376.671	0.393587	282	0.298443
T	CAATTCCGACGTCTAAGAAGCCATTA CTATCATGACATTAACCTATAGGAAT AGGCGTATCACGGGGCCCTTCCGCCT TCACCTCGGATCCCTGTCAGTGCTAG AGATTGACATCCCTACCGGTGATAA AGATACTGAGCACATCAGCAGGACG CACTGACC	63,080.517	0.333052	338	0.323638

U	CAATTCCGACGTCTAAGAAACCATTA TTATCATGACACTAACCTATAAAAAAT AGGCGCATCACGAGGCCCTTTCGTCT CCACCTCAAGCTCCCTATCAGTGATA GAGATTGACATCCCCGCCGGTGATA GAGACACTGAGCACATCAGCAGGAC GCACTGACC	43,264.021	0.376762	282	0.294854
V	CAATTCCGACGTCTGAGAGGCCATTA TTATCGTGGCATTGGCCTATAAAGGC AGGCGTGTACAGAGACCCTCTCGTCT CCGCCTCGGGTCCCTATCAATGGTAG AGATTGACATCCCCATCAGTGGTGG AGATACTGAGCACATCAGCAGGACG CACTGACC	161,088.47	0.574349	450	0.694738
W	CAATTCCGACGTCTAAGAAACCATTA TTATCATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGTGATAG AGATTGACATCCCTATCAGTGATAGA GATACTGAGCACATCAGCAGGACGC ACTGACC	109,462.28	0.525424	450	0.538349
Y	CAATTCCGACGTCTAAGAAACCATTA TTATCATGACATTAACCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGTCT TCACCTCGAGTCCCTATCAGTGATAG GGATTGACATCCCTATCAGTGATAGA GACTGAGCACATCAGCAGGACGC ACTGACC	70,234.541	0.273757	338	0.312272
Z	CAATTCCGACGTCTAAGAAACCATTA TTATCATGACATTAGCCTATAAAAAAT AGGCGTATCACGAGGCCCTTTCGCCT TCACCTCGAGTCCCTATCGGTGACAG AGGTTGACATCCCTATCGGTGATAGA GATACTGAGCACATCAGCAGGACGC ACTGACC	146,023.14	0.75968	450	0.748905

