Figure 1

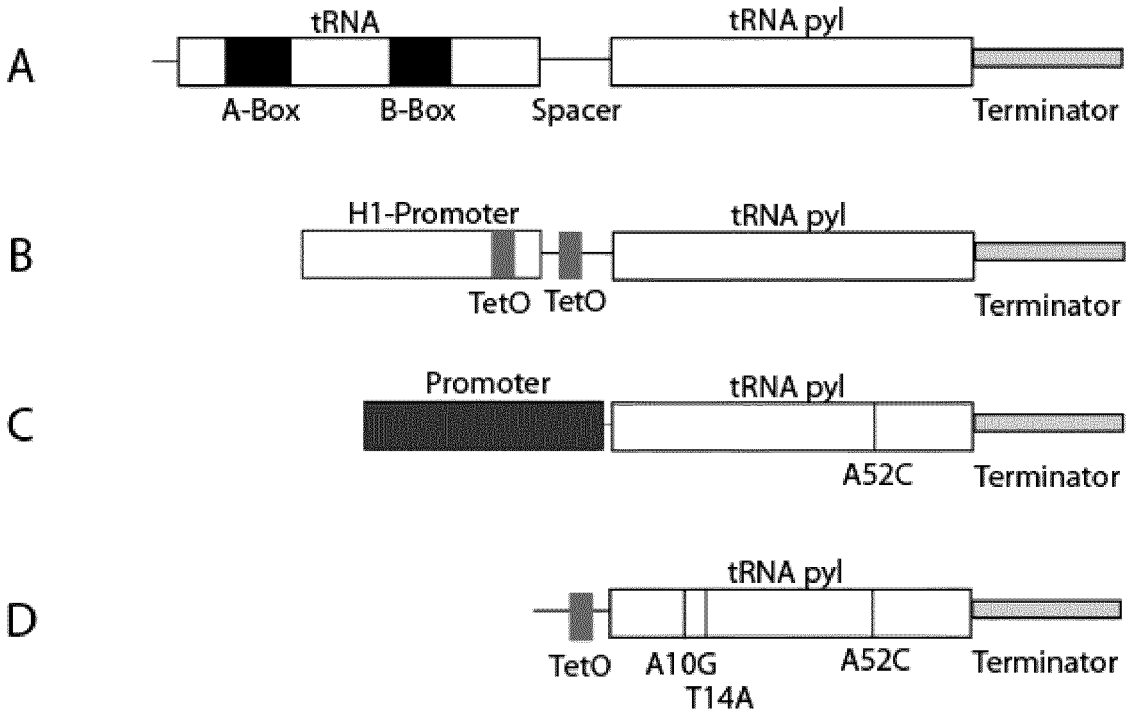

A
tRNA
tRNA pyl
A-Box
B-Box
Spacer
Terminator
B
H1-Promoter
tRNA pyl
TetO
TetO
Terminator
C
Promoter
tRNA pyl
A52C
Terminator
D
tRNA pyl
TetO
A10G
T14A
A52C
Terminator

Figure 1- Continued

E

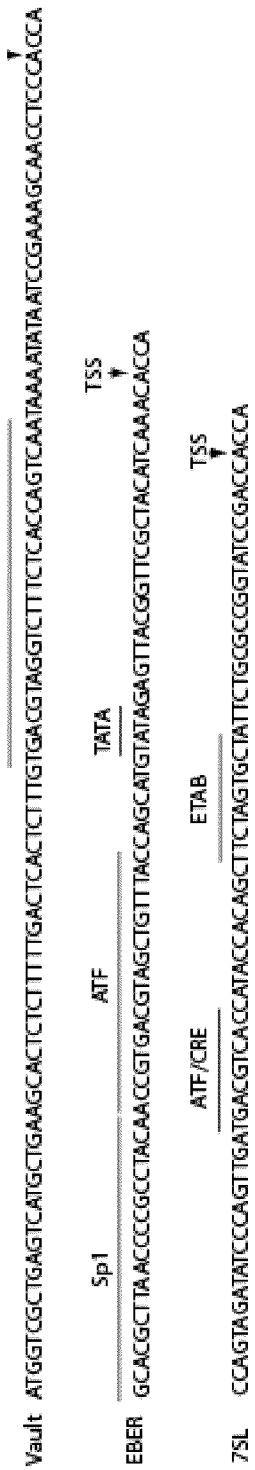


Figure 2

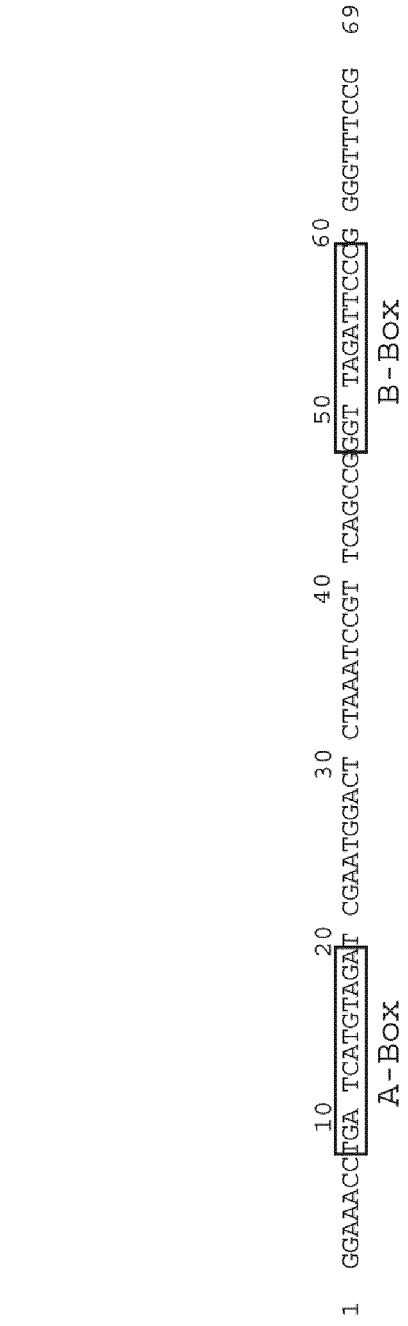

1 GGAAACCTGA TCATGTAGAT CGAATGGACT CTAAATCCGT TCAGCCGGGT TAGATTCCCG GGGTTTCCG 69
10 20 30 40 50 60
A-Box
B-Box

Figure 3

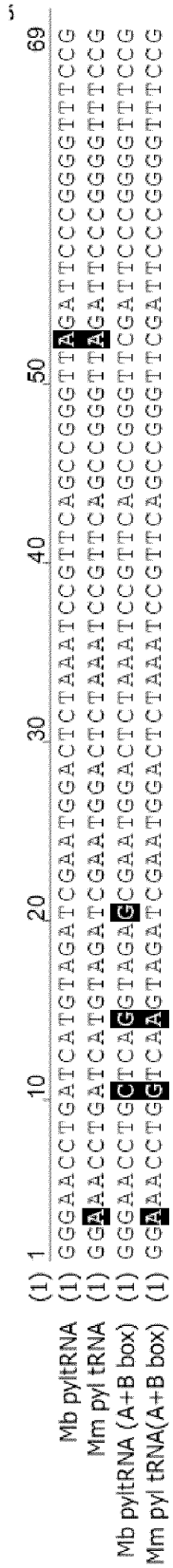

(1) 1 10 20 30 40 50 69
Mb pyltRNA (1) GGGAACCTGATCATGTAGATCGAATGGACTCTAAAATCCGTTCAGCCGGGTTAGATTCCCGGGGTTTCCG
Mm pyl tRNA (1) GGAACCTGATCATGTAGATCGAATGGACTCTAAAATCCGTTCAGCCGGGTTAGATTCCCGGGGTTTCCG
Mb pyltRNA (A+B box) (1) GGGAACCTGCTCAGGTAGAGCGAATGGACTCTAAAATCCGTTCAGCCGGGTTCGATTCCCGGGGTTTCCG
Mm pyl tRNA(A+B box) (1) GGAACCTGGTCAAGTAGATCGAATGGACTCTAAAATCCGTTCAGCCGGGTTCGATTCCCGGGGTTTCCG

Figure 4

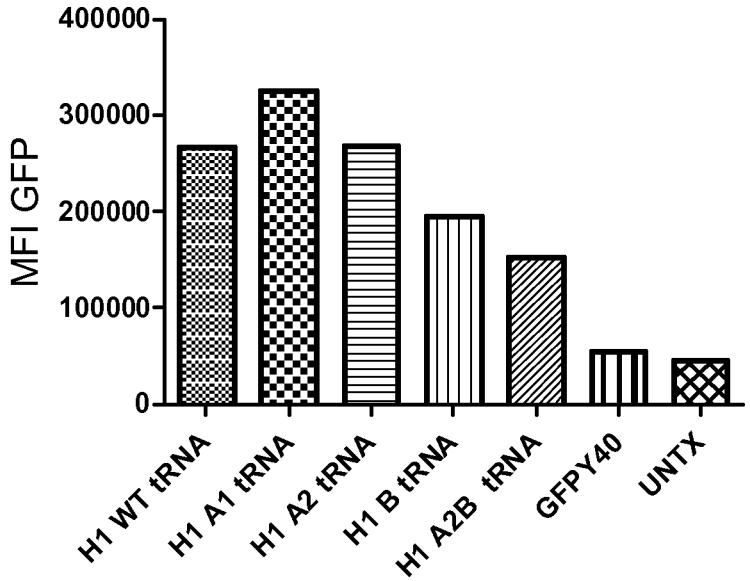


Figure 5

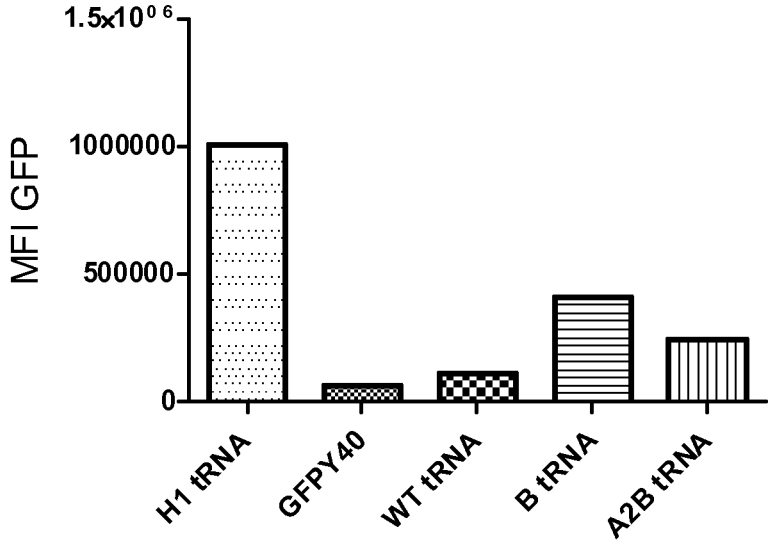


Figure 6

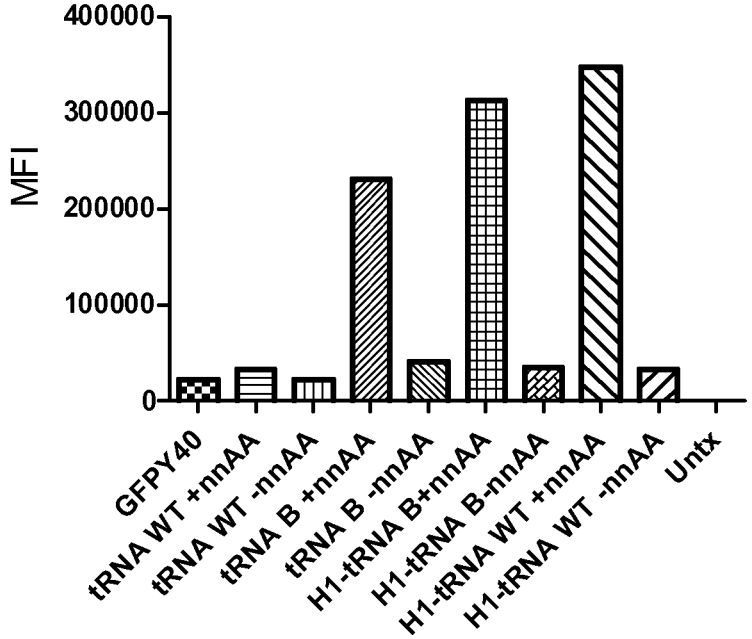


Figure 7

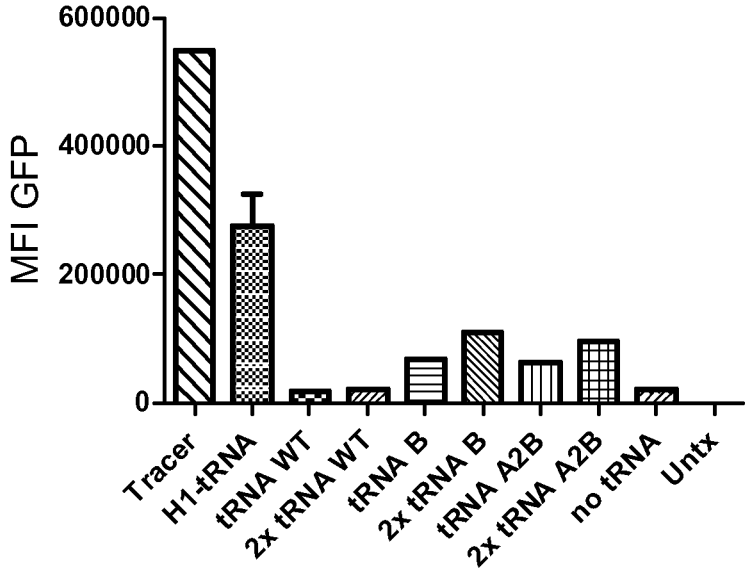


Figure 8

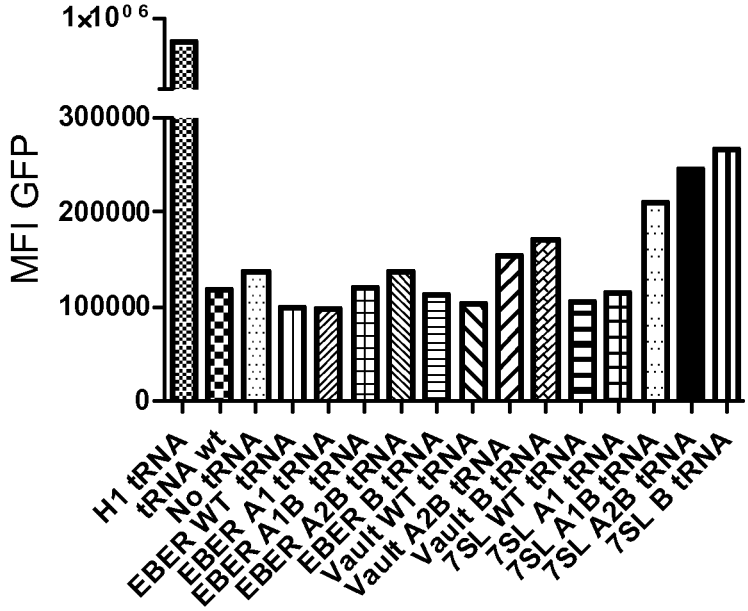


Figure 9

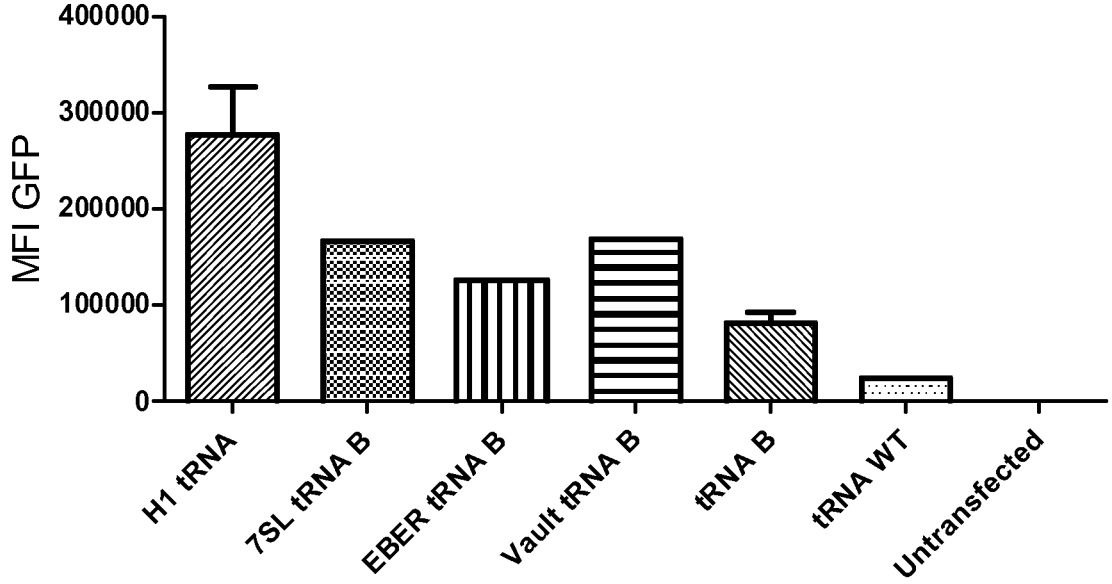


Figure 10

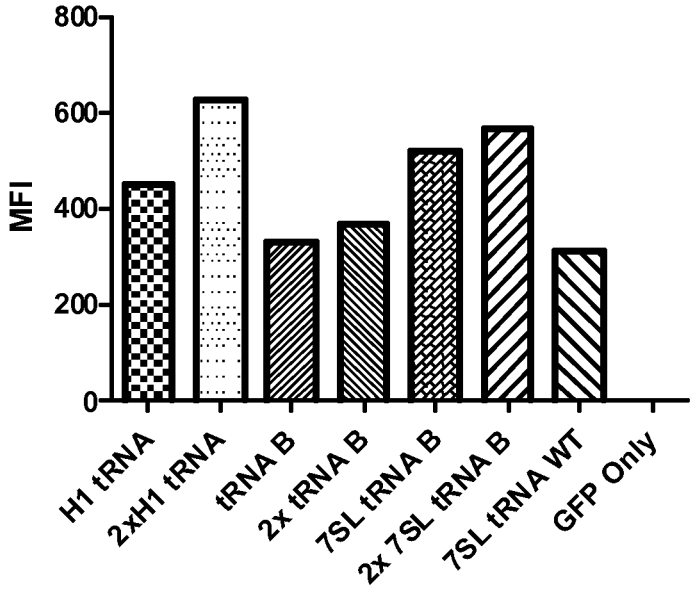


Figure 11

