

**Supplementary Table 2. Synthetic oligonucleotides used in this study**

Oligonucleotide	Sequence	Reference
5-pluxI	5-CGAACGCGACGTCAGTCCTTTGATTCTAATAAAATTGGATTT TTGTCAC-3	1
3-pluxI	5-CTTCTCCTTTACTCATACCAACCTCCCTTGCGTTTATTC-3	1
5-LarSeq2	5-CCTGAGCAATCACCTATGAACTGTC-3	1
3-lux(CAT)	5-GATTTTTTTTCTCCATACCAACCTCCCTTGCGTTTATTC-3	This study
3-lux(BLIP)	5-ACTTTTATATAAAAAGCATACCAACCTCCCTTGCGTTTATTC-3	This study
5-CAT(lux)	5-GGGAGGTTGGTATGGAGAAAAAATCACTGGATATAACC-3	This study
3-CAT(BamHI)	5-GTTAGCGGACCAGCGAGCTCGATATCAAATTACGCC-3	This study
5-BLIP(lux)	5-GGGAGGTTGGTATGCTTTTATATAAAAATGTGTGACAATCA-3	This study
3-BLIP(HindIII)	5-GTTAGCAAGCTTTTATACAAGGTCCC-3	This study
5-BLIP(KpnI)	5-CGAACGGGGTACCCATGCTTTTATATAAAAATGTGTGACAATCA-3	This study
5-CAT(BLIP)	5-GGGACCTTGTATAAAAAGCTTGCTAACCGAATAAACGCAAGGG AGGTTGGTATGGAGAAAAAATCACTGGATATAACC-3	This study
3-LuxR+200	5-GTGAGCGAGGAAGCGGAATATATCC-3	This study
5-LuxRv2	5-AGAGGAGAAAGGTACCCATGAAAAACA-3	This study
LuxR(SalI)-2	5-GCTATATTTATTTTTTCGATAATTGTCGACTAGAGAAGGAAC-3	This study
3-mcherry(lux)	5-CCTTGCTCACCATACCAACCTCCCTTGCGTTTATTC-3	This study
5-mcherry(lux)	5-GGGAGGTTGGTATGGTGAGCAAGGGCGAGGAGGA-3	This study
3-mcherry(HindIII)	5-GTTAGCAAGCTTTTATTACTTGTACAGCTCGTCCATGCC-3	This study