

Figure S1.

GFP-cds PiggyBac	CGGCGGAGAGGGCACCCTCAAGCAGGGCCGCATGACCAACAAGATGAAGAGCACCAAAGGCGCCCTGACCTTCAGC	2500
GFP-cds Transgenic oyster	.....TAGGGCTGAC.TTCG..CCCTACCTGCTGAGCCACGTGATG	38
Consensus	g ctgac ttc ccctacctgctgagccacgtgatg	
GFP-cds PiggyBac	GGCTACGGCTTCTACCACTTCGGCACCTACCCAGCGGGTACGAGAACCCTTCTGTCACGCCATCAACAACGGCGGGTACACCAACACCCGCATCGAGA	2600
GFP-cds Transgenic oyster	GGCTACGGCTTCTACCACTTCGGCACCTACCCAGCGGGTACGAGAACCCTTCTGTCACGCCATCAACAACGGCGGGTACACCAACACCCGCATCGAGA	138
Consensus	ggctacggcttctaccacttcggcacctacccagcgggctacgagaacccttctgtcacgccatcaacaacggcgggctacaccaacacccgcacgcgaga	
GFP-cds PiggyBac	AGTACGAGGACGGCGGGCTGCTGCACGTGAGCTTCAGCTACCGCTACGAGGCGGGCCGCGTGATCGGCGACTTCAAGGTGGTGGGCACCGGCTTCCCCGA	2700
GFP-cds Transgenic oyster	AGTACGAGGACGGCGGGCTGCTGCACGTGAGCTTCAGCTACCGCTACGAGGCGGGCCGCGTGATCGGCGACTTCAAGGTGGTGGGCACCGGCTTCCCCGA	238
Consensus	agtacgaggacggcggcgctgtgcacgtgagcttcagctaccgctacgaggccggcggcggtgatcggcgacttcaaggtgggtgggcacggcgttccccga	
GFP-cds PiggyBac	GGACAGCGTGATCTTCACCGACAAGATCATCCGACGCAACGCCACCGTGGAGCACCTGCACCCCATGGGCGATAACGTGCTGGTGGGCAGCTTCGCCCCG	2800
GFP-cds Transgenic oyster	GGACAGCGTGATCTTCACCGACAAGATCATCCGACGCAACGCCACCGTGGAGCACCTGCACCCCATGGGCGATAACGTGCTGGTGGGCAGCTTCGCCCCG	338
Consensus	ggacagcgctgatcttcaccgacaagatcatccgcagcaacgccaccgtggagcacctgcaccccatgggcgataacgtgctggtgggcagcttcgccccg	
GFP-cds PiggyBac	ACCTTCAGCCTGCGCGACGGCGGGCTACTACAGCTTCGTGGTGGACAGCCACATGCACCTTCAAGAGCGCCATCCACCCAGCATCCTGCAGAACGGGGGGCC	2900
GFP-cds Transgenic oyster	ACCTTCAGCCTGCGCGACGGCGGGCTACTACAGCTTCGTGGTGGACAGCCACATGCACCTTCAAGAGCGCCATCCACCCAGCATCCTGCAGAACGGGGGGCC	438
Consensus	accttcagcctgcgcgacggcgggctactacagcttcgtggtggagacccacatgcacttcaagagcgccatccacccagcatcctgcagaaacggggggcc	
GFP-cds PiggyBac	CCATGTTTCGCCTTCCGCCCGGTGGAGGAGCTGCACAGCAACACCGAGCTGGGCATCGTGGAGTACCAGCACGCCTTCAAGACCCCCATCGCCTTCGCCAG	3000
GFP-cds Transgenic oyster	CCATGTTTCGCCTTCCGCCCGGTGGAGGAGCTGCACAGCAACACCGAGCTGGGCATCGTGGAGTACCAGCACGCCTTCAAGACCCCCATCGCCTTCGCCAG	538
Consensus	ccatgtttcgcttccgcccggtggaggagctgcacagcaacaccgagctgggcatcggtggagtaccagcacgccttcaagacccccatcgcttcgccag	
GFP-cds PiggyBac	ATCCCGCGCTCAGTCGTCCAATTCTGCCGTGGACGGCACCGCCGGACCCGGGCTCCACCGGATCTCGCGAGGGCAGAGGAAGTCTTCTAACAATCGGCTGAC	3100
GFP-cds Transgenic oyster	ATCCCGCGCTCAGTCGTCCAATTCTGCCGTGGACGGCACCGCCGGACCCGGGCTCCACCGGATCTCGCGAGGGCAGAGGAAGTCTTCTAACAATCGGCTGAC	634
Consensus	atcccgcgctcagtcgtccaattctgccgtggacggcacccgcccggacccgggctccaccggatctcgcgagggcagaggaagtcttctaac g gg	
GFP-cds PiggyBac	GTGGAGGAGAATCCCGGCCCTATGACCGAGTACAAGCCACGGTGCGCCTCGCCACCCGCGACGACGTCCCGAGGGCCGTACGCACCCCTCGCCGCCGCGT	3200
GFP-cds Transgenic oyster	.....	634
Consensus		