

Figure S2.

GH-cds PiggyBac-gGH	AGTCGTCCTCCTGCTGTCAGTGTGTCTCTGGGTGTTTCCTCTCAGCCAATCACAGACGGCCAGCGTCTGTTCTCCATCGCCGTCAGCAGAGTTCAACAT	200
GH-cds Transgenic oysterCCATTTCGTCAGTGTCTCTGGGTGTTTCCTCTCAGCCAATCACAGACGGCCAGCGTCTGTTCTCCATCGCCGTCAGCAGAGTTCAACAT	87
Consensus	c t g agtgtctctgggtgttttctctcagccaatcacagacggccagcgctctgttctccatcgccgtcagcagagttcaacat	
GH-cds PiggyBac-gGH	CTCCACCTGCTTGCTCAGAGACTCTTCTCCGACTTTGAGAGCACTCTGCAGACGGAGGAGCAGCGACAGCTCAACAAGATCTTCCTGCAGGACTTCTGTA	300
GH-cds Transgenic oyster	CTCCACCTGCTTGCTCAGAGACTCTTCTCCGACTTTGAGAGCACTCTGCAGACGGAGGAGCAGCGACAGCTCAACAAGATCTTCCTGCAGGACTTCTGTA	187
Consensus	ctccacctgcttgctcagagactcttctccgactttgagagcactctgcagacggaggagcagcgacagctcaacaagatcttcctgcaggacttctgta	
GH-cds PiggyBac-gGH	ACTCTGATTACATCATCAGCCCCATCGACAAGCACGAGACGCAGCGCAGCTCCGTGTTGAAGCTGTTGTCGATCTCCTATCGGTTGGTGGAGTCTCTGGGA	400
GH-cds Transgenic oyster	ACTCTGATTACATCATCAGCCCCATCGACAAGCACGAGACGCAGCGCAGCTCCGTGTTGAAGCTGTTGTCGATCTCCTATCGGTTGGTGGAGTCTCTGGGA	287
Consensus	actctgattacatcatcagccccatcgacaagcacgagacgcagcgagctccgtgttgaagctgttgatctcctatcggttggaggagtcctggga	
GH-cds PiggyBac-gGH	GTTCCCCAGTCGGTCCCTGTCCGGAGGTTCTGCTCCAGAAACCAGATTTCTCCAAACTGTCTGAATTGAAGACCGGGATCCTGCTGCTGATCAGGGCC	500
GH-cds Transgenic oyster	GTTCCCCAGTCGGTCCCTGTCCGGAGGTTCTGCTCCAGAAACCAGATTTCTCCAAACTGTCTGAATTGAAGACCGGGATCCTGCTGCTGATCAGGGCC	387
Consensus	gttccccagtcggtccctgtccggagggttctgctccagaaaccagatttctccaaactgtctgaattgaagaccgggatcctgctgctgatcagggcc	
GH-cds PiggyBac-gGH	AATCAGGACGGAGCGGAGCTCTTCCCTGACAGCTCCGCCCTCCAGCTGGCTCCTTATGGGAAGTATTATCAGAGTCTGGGCGCCGACGAGTCACTGCGAC	600
GH-cds Transgenic oyster	AATCAGGACGGAGCGGAGCTCTTCCCTGACAGCTCCGCCCTCCAGCTGGCTCCTTATGGGAAGTATTATCAGAGTCTGGGCGCCGACGAGTCACTGCGAC	487
Consensus	aatcaggacggagcggagctcttccctgacagctccgccctccagctggctccttatgggaactattatcagagtcctgggcgccgacgagtcactgcgac	
GH-cds PiggyBac-gGH	GAACGTACGAAGTGTGGCTTGTTTCAAGAAAGACATGCACAAGGTGGAGACCTACCTGACGGTGGCTAAATGTCGACTCTCTCCTGAGGCCAACTGTAC	700
GH-cds Transgenic oyster	GAACGTACGAAGTGTGGCTTGTTTCAAGAAAGACATGCACAAGGTGGAGACCTACCTGACGGTGGCTAAATGTCGACTCTCTCCTGAGGCCAACTGTAC	587
Consensus	gaacgtacgaactgtggcttggtttcaagaaagacatgcacaaggtggagacctacctgacggtggctaaatgtcgactctctcctgaggccaactgtac	
GH-cds PiggyBac-gGH	CCTGTAGGCGGCCGCGAAGGATCTGCGATCGCTCCGGTGCCCGTCAGTGGGCAGAGCGCACATCGCCACAGTCCCCGAGAAGTTGGGGGGAGGGGTCTGG	800
GH-cds Transgenic oyster	CCTGTAGGCGGCCCTTAAAACTATA.....	612
Consensus	cctgtaggcggcc aa t t	