

Table S2 Sequences of primers used for cloning Japanese flounder *Ddx3* genes.

Primers	Sequence(5'-3')	Product	usage
ddx3-1_FW	TTTCTGTACCACGAAGGTTACGC	1370 bp	PCR
ddx3-1_RV	CATAGCCGTCATTGCTGTAGAAG		
ddx3-2_FW	ATTGGAACAGGAGCATTTGACC	512 bp	PCR
ddx3-2_RV	GTCAGAGGCTTTGAATGGGGT		
DDX3-1-FW	GATGCTCCAAAAACGATTCAC	128 bp	RT-qPCR
DDX3-1-RV	ATTCCTCTATCATTGCGAGGG		
DDX3-2-FW	ATGCCATTCCAATCGTCAAG	289 bp	RT-qPCR
DDX3-2-RV	TACACAACACAGGGACGCACT		