

Table S1. Primer sets for survey of all Wnts in *S. purpuratus*

	Forward	Reverse
Wnt1	GTGCGATCTTATGTGCTGCT	CGACGTGCACTCTTCACATT
Wnt2	TCACATCCAGGCTTACCACA	TGTTGGGCTCGCAGTAGTC
Wnt3	GAACAGCACAGGAACCGGTCG	TAGCAAACCCTGCGTTCC
Wnt4	CGACGGTGCTACTGAAGTCC	GGATGGCACGAGATAGACCA
Wnt5a	TGCTGTGGAAGAGGCTACAA	TTCTGCACTCCGACACTTG
Wnt6	ACTCTCAAGACCTGCTGGAA	GGGCTGTTTGACAGTTTCGT
Wnt7	CAAGGCCAAACGAACTAGGA	ACAGTCCCCATCGAACCAT
Wnt9	GGGACGAACTGCGATAAGA	CCAATGGAATCTGCACTGAC
Wnt10	CACTTCAGGGAGGTTGGAAA	TTACGAGGGGTGGAGAACTG
Wnt16	CATGGTGTTCAGCTTCGTG	ACGACAACCTCCACTCCTC

Primer sets for *Strongylocentrotus purpuratus wnt* RT-PCR (Croce et al., 2006).
 Additional primer sets used can be found in the Materials and methods.