



Figure S1. Agarose gel electrophoresis of the coding sequences of *Bx-srh-1*. M: DL2000 DNA Marker; 1: *Bx-srh-1*.

Table S1. PCR primers used in the study

Primer		Sequence (5'→3')
Coding of <i>Bx-srh-1</i>	<i>Bx-srh-1</i> -F	ATGCAAAATATCACATTCTACGACG
	<i>Bx-srh-1</i> -R	TTAGATCGCACGGTTTCCTCC
Coding for sequencing	M13-F	CGCCAGGGTTTTCCAGTCACGAC
	M13-R	AGCGGATAACAATTCACACAGGA
FISH probes	Antisense probes	CGGTGACATATCTGCGCAGTGCCATGTTGTTGCCAGGGAAGTCG
	Sense probe	AGGCGTCGGTGATTTTTTGGGTCCTCCTTC CGCTGTTGGTGATTC
	<i>iBx-srh-1</i> T7-F	<u>TAATACGACTCACTATAGGGGTGCTCACAGTGCTGGTCAT</u>
Synthesis of dsRNA	<i>iBx-srh-1</i> -R	TCGAGAAAATTGCTCTCCGT
	<i>iBx-srh-1</i> T7-R	<u>TAATACGACTCACTATAGGGTCGAGAAAATTGCTCTCCGT</u>
	<i>iBx-srh-1</i> -F	GTGCTCACAGTGCTGGTCAT
	<i>iBxgfp</i> -F	<u>TAATACGACTCACTATAGGGATGAGTAAAGGAGAAG</u>
	<i>iBxgfp</i> -R	<u>TAATACGACTCACTATAGGGTTTGTATAGTTCATCCATG</u>
	<i>qBx-srh-1</i> -F	CGGTGGGATCGAGTAGTGTG
qRT-PCR	<i>qBx-srh-1</i> -R	ATCGCACGGTTTCCTCCATT
	<i>qBxActin</i> -F	GCAACACGGAGTTCGTTGTAGA
	<i>qBxActin</i> -R	GTATCGTCACCAACTGGGATGA

Table S2. Accession number of protein sequences from NCBI

Species	Accession number
<i>Bursaphelenchus okinawaensis</i>	CAD5231129.1
<i>Aphelenchus avenae</i>	KAH7717132.1
<i>Ditylenchus destructor</i>	KAI1706001.1
<i>Aphelenchoides besseyi</i>	KAI6216494.1
<i>Caenorhabditis elegans</i>	CAE11313.2
<i>Caenorhabditis briggsae</i>	XP_045097811.1