

S3 Table. *Pratylenchus penetrans* transcripts encoding for genes involved in the RNAi pathway, based upon the genes identified for *Caenorhabditis elegans* [36]. The presence (+) / absence (-) of the corresponding orthologues genes found in the genome of *Pratylenchus coffeae* [13] is also presented.

Predicted transcripts belonging to <i>P. penetrans</i> RNAi pathway			<i>P. penetrans</i>			
	<i>C. elegans</i>	<i>P. coffeae</i>	# Transcripts	Best E-value	High bitscore	
Small RNA biosynthetic proteins	drh-3	+	3	1.48E-85	303.5	
	drsh-1	+	2	2.38E-23	94.4	
	xpo-1	+	2	0	1018.1	
	xpo-2	+	3	4.03E-69	245.4	
	dcr-1	+	4	4.84E-64	215.3	
	drh-1	+	4	1.38E-29	123.6	
	drh-2	-	-	-	-	
	pash-1	-	-	2	8.32E-11	61.6
	rde-4	-	-	-	-	
	xpo-3	-	-	-	-	
	smg-2	+	7	8.00E-149	456.4	
	Amplification proteins	smg-6	+	3	2.59E-21	98.2
ego-1		+	8	4.89E-110	364.0	
rrf-2		+	1	3.68E-13	64.7	
rrf-3		+	-	-	-	
rrf-1		+	-	-	-	
smg-5		-	-	-	-	
Spreading proteins	rsd-2	-	-	-	-	
	rsd-3	+	-	-	-	
	sid-1	-	-	-	-	
	rsd-6	-	-	-	-	
	sid-2	-	-	-	-	
Argonautes	alg-1	+	3	5.25E-76	259.2	
	C04F12.1	+	2	1.43E-53	203.0	
	alg-4	+	-	-	-	
	rde-1	+	-	-	-	
	hrde-1	+	-	-	-	
	ppw-1	+	-	-	-	
	csr-1	+	-	-	-	
	ppw-2	+	1	2.26728E-06	45.1	
	sago-1	-	-	-	-	
	alg-2	+	4	3.13E-72	259.2	
	ergo-1	+	-	-	-	
	prg-1	+	-	-	-	
	hpo-24	+	-	-	-	
	nrde-3	+	1	8.16E-13	65.9	
	sago-2	+	-	-	-	
	T23B3.2	+	-	-	-	
	M03D4.7	-	-	-	-	
	ZK218.8	-	-	-	-	
	prg-2	+	-	-	-	
	C06A1.4	-	-	-	-	
	C14B1.7	-	-	-	-	
	WAGO-1	+	6	2.02E-102	350.1	
	WAGO-2	+	2	2.24E-58	211.1	
	WAGO-10	-	2	3.10E-28	118.2	
	WAGO-4	+	1	1.29E-39	158.3	
	WAGO-11	+	7	7.52E-46	175.6	
	WAGO-5	+	6	1.40E-45	178.3	
RISC proteins	tsn-1	-	2	0	915.6	
	ain-1	-	1	3.101E-07	53.9	
	vig-1	-	-	-	-	
RNAi inhibitors	ain-2	-	-	-	-	
	eri-1	-	1	1.19E-57	198.7	
	xrn-2	-	6	7.54E-85	280.8	
	adr-2	-	-	-	-	
	xrn-1	-	-	-	-	
	adr-1	-	-	-	-	
	lin-15b	-	-	-	-	
	eri-5	-	-	-	-	
	eri-6/7	+	-	-	-	
	eri-3	-	-	-	-	
Nuclear RNAi effectors	mut-7	-	1	1.61231E-07	50.8	
	cid-1	+	2	1.78E-39	154.8	
	ekl-1	+	2	5.79E-14	71.2	
	gfl-1	+	1	1.12E-55	182.2	
	mes-2	+	2	1.05E-63	220.3	
	ekl-4	+	1	1.81E-86	279.6	
	mes-6	-	-	-	-	
	rha-1	+	6	2.64E-65	221.1	
	ekl-6	-	-	-	-	
	zfp-1	-	-	-	-	
	mut-2	-	-	-	-	
	ekl-5	-	-	-	-	
	mes-3	-	-	-	-	
	mut-16	-	-	-	-	
	rde-2	-	-	-	-	