

S2 New anthelmintic targets: Bottom up search

<i>S. lupi</i>	E value 1,00E-05	Log10(E) -5,00	<i>C. elegans</i> RNAi	<i>C. elegans</i> Molecular function	Gene name	<i>C. elegans</i>	<i>D. immitis</i>	<i>A. caninum</i>	<i>T. canis</i>
SLUP06252	>1	>1	embryonic lethal	DNA-directed 5'-3' RNA polymerase activity	F26E4.4	WBGene00009159	nDi.2.2.2.t07182	ANCCAN_03688	Tcan_13264
SLUP00574	>1	>1	early larval lethal	DNA-directed 5'-3' RNA polymerase activity	rpoa-49	WBGene00017749	nDi.2.2.2.t01295	ANCCAN_01635	Tcan_07170
SLUP05601	>1	>1	lethal	sulfurtransferase activity	tut-2	WBGene00009256	nDi.2.2.2.t06388	ANCCAN_06523	Tcan_05736
SLUP03571	2,00E-05	-4,70	embryonic lethal	primary amine oxidase activity	mig-38	WBGene00009587	nDi.2.2.2.t02261	ANCCAN_05878	Tcan_14578
SLUP05345	>1	>1	embryonic lethal, larval lethal	proton-transporting ATP synthase activity	R53.4	WBGene00011273	nDi.2.2.2.t03062	ANCCAN_14474	Tcan_15259
SLUP07225	>1	>1	embryonic lethal, larval lethal	Fatty acid desaturase	fat-2	WBGene00001394	nDi.2.2.2.t00905	ANCCAN_17124, ANCCAN_25036	Tcan_12296
SLUP08465	>1	>1	embryonic lethal, larval lethal, lethal	UGM, UDP-galactopyranose mutase	glf-1	WBGene00019154	nDi.2.2.2.t04334	ANCCAN_02736	Tcan_05945
SLUP03393	>1	>1	lethal	phosphoric diester hydrolase activity	Y40C5A.4	WBGene00021497	nDi.2.2.2.t04532	ANCCAN_19124, ANCCAN_22857, ANCCAN_22858	Tcan_13417
SLUP07709	>1	>1	adult lethal, larval lethal	serine-type endopeptidase activity	bli-5	WBGene00000255	nDi.2.2.2.t09679	ANCCAN_10177, ANCCAN_14101	Tcan_04857
SLUP04470	5,00E-06	-5,30	lethal, embryonic lethal	Chitin Synthase	chs-2	WBGene00000497	nDi.2.2.2.t08626, nDi.2.2.2.g12137	ANCCAN_24685, ANCCAN_08396	Tcan_11911
SLUP01568	>1	>1	lethal	protein serine/threonine kinase activator activity	ric1-1	WBGene00009245	nDi.2.2.2.t02908	ANCCAN_17380	Tcan_12968
SLUP07953	5,00E-06	-5,30	lethal	oxidoreductase activity	F48E8.3	WBGene00018610	nDi.2.2.2.t03987	ANCCAN_08679	Tcan_15093
SLUP06815	>1	>1	embryonic lethal	DNA-(apurinic or apyrimidinic site) endonuclease activity	apn-1	WBGene00000151	nDi.2.2.2.t05421	ANCCAN_16408	Tcan_07160
SLUP04168	3,00E-06	-5,52	embryonic lethal, larval lethal, lethal	3-beta-hydroxy-delta5-steroid dehydrogenase activity	C32D5.12	WBGene00016319	nDi.2.2.2.t10007	ANCCAN_30417	Tcan_16749
SLUP05277	>1	>1	lethal, larval lethal	glycosyltransferase activity	subs-4	WBGene00012939	nDi.2.2.2.t04893	ANCCAN_03708	Tcan_12475
SLUP03523	>1	>1	embryonic lethal	protein phosphatase regulator activity	saps-1	WBGene00008166	nDi.2.2.2.t04781	ANCCAN_01953	Tcan_08003
SLUP07344	>1	>1	lethal, embryonic lethal, larval lethal	cofactor-Independent PhosphoGlycerate Mutase homolog	ipgm-1	WBGene00019001	nDi.2.2.2.t07800	ANCCAN_23016, ANCCAN_29147, ANCCAN_30360	Tcan_04258
SLUP06689	>1	>1	embryonic lethal	enable glutamate synthase (NADH) activity	W07E11.1	WBGene00012326	nDi.2.2.2.t03750	ANCCAN_02788	Tcan_09768
SLUP03681	>1	>1	embryonic lethal, lethal	serine-tRNA ligase activity	K03B4.1	WBGene00019353	nDi.2.2.2.t01999	ANCCAN_09260, ANCCAN_26972	Tcan_07225
SLUP06456	>1	>1	adult lethal, embryonic lethal, lethal	nuclear receptor binding activity and transcription coactivator activity	mdt-15	WBGene00007016	nDi.2.2.2.t05692	ANCCAN_17271	Tcan_16462
SLUP05095	>1	>1	lethal	trehalose-phosphatase activity	gob-1	WBGene00001649	nDi.2.2.2.t06203	ANCCAN_20949	Tcan_05192