

S3 Known vaccine and immune modulators

<i>C. elegans</i>	Description	Gene	<i>S. lupi</i>	<i>T. canis</i>	<i>D. immitis</i>	<i>A. caninum</i>
WBGene00000534	Cysteine Protease Inhibitor, cystatin	cpi-2	SLUP04408	Tcan_07240	nDi.2.2.2.t08235, nDi.2.2.2.t08234	ANCCAN_00882, ANCCAN_00884, ANCCAN_00885, ANCCAN_06474, ANCCAN_06480, ANCCAN_06481
WBGene00005648, WBGene00005649, WBGene00005647, WBGene00005643	Serp domain-containing protein; Serine protease inhibitor	srp-2, srp-6, srp-7, srp-8	SLUP01205, SLUP07777	Tcan_12156, Tcan_12126, Tcan_17021, Tcan_10474		ANCCAN_25493, ANCCAN_12322, ANCCAN_28852, ANCCAN_12327 (not all orthologs listed)
WBGene00006570	Transforming Growth factor beta, cytokine activity	tig-2	SLUP04400	Tcan_06389	nDi.2.2.2.t08552	ANCCAN_21209, ANCCAN_28032
WBGene00000903	cytokine activity	daf-7	SLUP03777	No ortholog	nDi.2.2.2.t09979	No ortholog
WBGene00000936	cytokine activity	dbl-1	SLUP07310	Tcan_05697	No ortholog	ANCCAN_05856
WBGene00009108	cytokine activity, interleukin 17	F25D1.3	SLUP03947	Tcan_15431	nDi.2.2.2.t07904	ANCCAN_26585
WBGene00002915	cytokine binding activity and cytokine receptor activity	let-805	SLUP06109	Tcan_15324	nDi.2.2.2.g04298	ANCCAN_10090, ANCCAN_10091
WBGene00003234	Macrophage migration Inhibitory Factor	mif-1	SLUP00460	Tcan_15803	nDi.2.2.2.t09850	ANCCAN_15198, ANCCAN_25101
WBGene00003235	Macrophage migration Inhibitory Factor	mif-2	SLUP06253	Tcan_12161	nDi.2.2.2.t07181, nDi.2.2.2.t07183	ANCCAN_11528, ANCCAN_11526, ANCCAN_11527
No homolog	Suppressor of cytokine signaling 5	SOCS5	SLUP08538	Tcan_09544		ANCCAN_24096

WBGene00001749, WBGene00001771, WBGene00001773	Glutathione S-Transferase	gst-1, gst-23, gst-25	SLUP01072	Tcan_11418	nDi.2.2.2.t06308	
WBGene00011474, WBGene00017166	Fructose-bisphosphate aldolase	aldo-1, aldo-2	SLUP06279	Tcan_10500, Tcan_06792	nDi.2.2.2.t07823	ANCCAN_13018, ANCCAN_16247
WBGene00002250	Leucine Aminopeptidase	lap-2	SLUP01670	Tcan_03260	nDi.2.2.2.t00738	ANCCAN_23678