

Table S17. InDel location summary of 21 pinewood nematode samples.

Sample	downstream	exonic	intergenic	intronic	splicing	upstream	UTR5
CW	3824	679	13323	14837	58	4663	NA
CY	4590	904	15226	18006	71	5742	1
DT	4575	892	15183	17855	72	5718	1
DY	5729	1050	19586	22245	85	7096	1
FC	3809	697	13231	14703	60	4659	NA
FS	4639	910	15298	18079	71	5775	1
GJ	4633	915	15335	18105	72	5775	1
HC	4640	907	15347	18146	73	5776	1
HN	4599	881	15252	17990	72	5741	1
HP	3842	684	13383	14928	59	4702	NA
LP	4255	779	14761	16716	66	5194	1

LS	4625	921	15459	18210	70	5788	1
LZ	4593	905	15211	17939	72	5724	1
MP	4665	917	15497	18268	73	5815	1
SH	4573	898	15243	17953	71	5728	1
TS	4642	896	15385	18198	72	5813	1
XB	4610	884	15289	18091	72	5765	1
XG	4572	893	15159	17802	72	5694	1
YC	4602	890	15237	18030	73	5742	1
YD	6346	1152	20170	24488	111	7883	1
YS	4658	915	15505	18259	72	5787	1

Table S18. InDel function summary of 21 pinewood nematode samples.

Sample	frameshift deletion	frameshift insertion	nonframeshift deletion	nonframeshift insertion	stopgain	stoploss	unknown
CW	220	131	188	122	10	5	3
CY	248	189	271	176	13	5	2
DT	239	187	269	178	13	5	1
DY	314	202	313	195	16	6	4
FC	233	133	190	123	11	4	3
FS	257	187	269	176	14	6	1
GJ	257	190	272	176	13	5	2
HC	255	188	269	175	13	5	2
HN	235	182	268	176	13	5	2
HP	229	133	184	121	10	4	3
LP	252	144	223	140	13	4	3

LS	255	191	276	178	14	5	2
LZ	254	190	266	176	13	5	1
MP	258	190	272	178	13	5	1
SH	253	182	270	174	13	5	1
TS	248	185	267	176	13	5	2
XB	238	181	270	176	13	5	1
XG	245	182	271	175	13	5	2
YC	245	183	266	176	13	5	2
YD	337	217	341	224	16	10	7
YS	256	188	273	176	15	5	2

Table S19. InDel homozygosity and heterozygosity summary of 21 pinewood nematode samples.

Sample	Homozygosity	Heterozygosity
CW	37583	1626
CY	45075	1730
DT	44776	1778
DY	27688	30930
FC	37165	1850
FS	43972	3123
GJ	45363	1769
HC	45348	1827
HN	45014	1772
HP	37651	1791
LP	34615	9255

LS	45417	1950
LZ	44849	1886
MP	44649	2891
SH	44968	1777
TS	45545	1741
XB	45285	1693
XG	44813	1653
YC	45144	1694
YD	30715	32755
YS	44327	3185
