

Table F - Novel NemDom3 domains also identified in plants (Viridiplantae)

NemDom3 identifier	domain length (amino acids)	NemPep3 sequences *	Present in <i>C. elegans</i>	Plant species	UniProt accessions	functional annotation
ND_n0000006890	42	MIP03120_1 MAP00264_1	yes	<i>Oryza sativa</i> <i>Prunus persica</i> <i>Phaseolus vulgaris</i> <i>Arabidopsis thaliana</i>	Q5Z9Q3, Q6MWB4, Q7XLT3 Q6DU55 Q94KF4, Q94KF5 Q67YK2, Q8GYF5, Q9LDZ5, Q9LFL1, Q9FL01	wall-associated receptor kinase-like 21 precursor
ND_n0000004827	42	GPP00023_1 HGP00871_1	no	<i>Zea mays</i>	Q5EUC0	thiol oxidoreductase
ND_n0000010444	56	MCP03370_1 MAP00510_1 GPP00157_1	yes	<i>Lycopersicon esculentum</i>	GSHB_LYCES	glutathione synthetase
ND_n0000022177	83	MAP00449_1 MIP05371_2	no	<i>Oryza sativa</i>	Q40625, Q2QVD7	BZIP transcription factor family
ND_n0000005472	41	GRP00589_1 HGP03596_1 MHP01915_2	yes	<i>Arabidopsis thaliana</i> <i>Solanum commersonii</i> <i>Capsicum chinense</i> <i>Brassica juncea</i> <i>Cucurbita maxima</i> <i>Euphorbia esula</i> <i>Oryza sativa</i>	GST16_ARATH, Q1WW15 O22330 Q5DUH0 Q7XZT0, Q7XZT2, Q7XZT3 Q8GT24 Q9M533 Q56XF1, Q93WM2, GSTH2_ORYSA	glutathione S- transferase
ND_n0000017177	94	MCP03902_1 MAP02489_1 MPP00736_1 MIP02987_1	no	<i>Arabidopsis thaliana</i>	Q9ZQ31	hypothetical protein
ND_n0000021399	51	MJP01133_1 MHP05238_1	no	<i>Arabidopsis thaliana</i>	Q9FGC2	DNA helicase-like
ND_N0000004924	39	MAP00578_2 HSP00821_1	no	<i>Triticum aestivum</i>	Q84VR8	chimaeric SDH2- RPS14 protein

* species codes are: MI *Meloidogyne incognita*, MA *M. arenaria*, MC *M. chitwoodii*, MJ *M. javanica*, MH *M. hapla*, HS *Heterodera schachtii*, HG *H. glycines*, HC *Haemonchus contortus*, GR *Globodera rostochiensis*, GP *G. pallida*