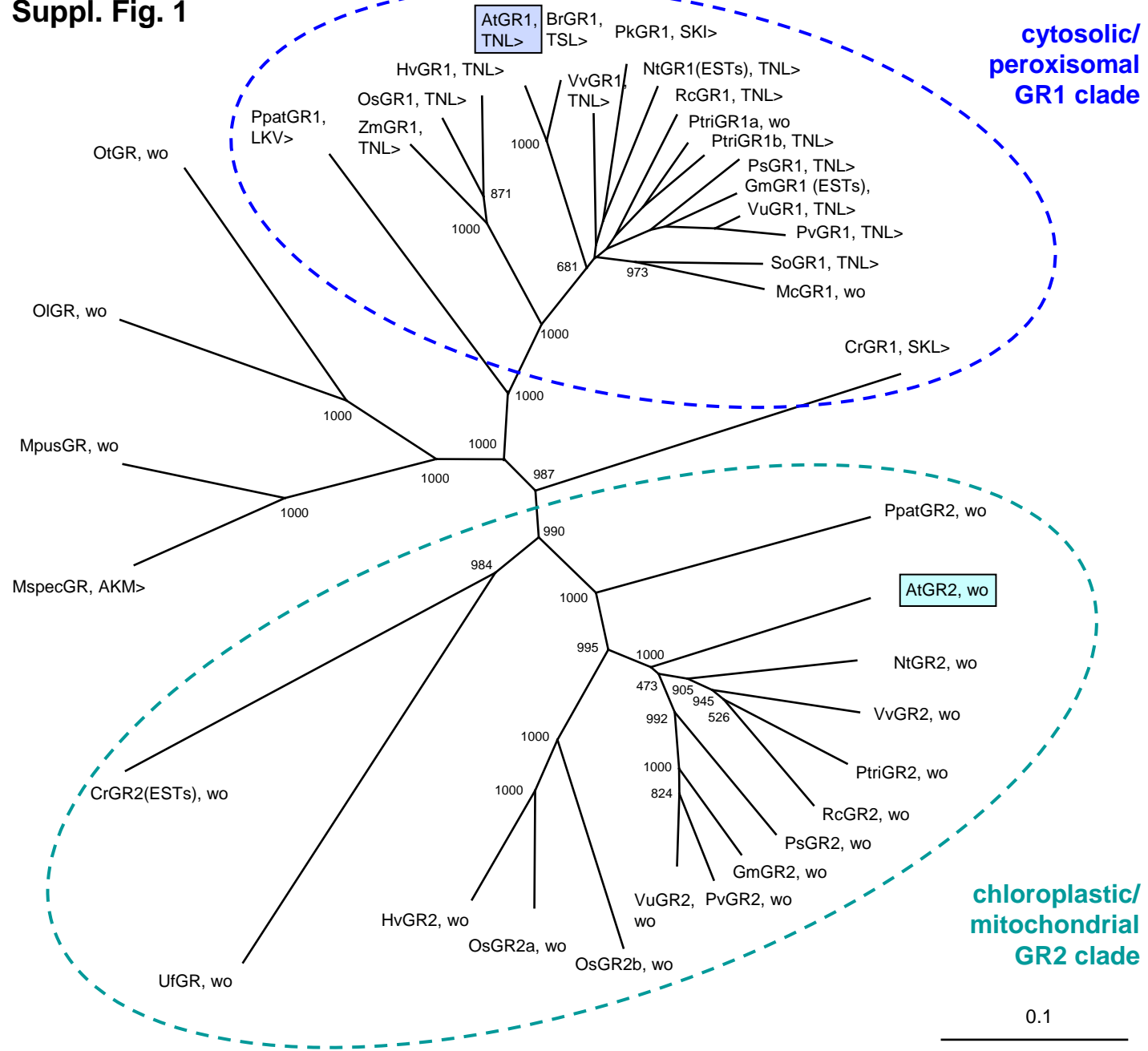


Suppl. Fig. 1



**Suppl. Fig. 1. Phylogenetic analysis of GR homologs in Viridiplantae.**

Sequences of full-length plant GR homologs or those assembled from overlapping ESTs (e.g., NtGR1(ESTs), GmGR1(ESTs), CrGR2(ESTs)) were identified by BLAST and aligned by ClustalX. The phylogenetic reconstruction was made by the neighbor-joining method using 1000 bootstraps. The tripeptide sequence of predicted PTS1 tripeptides is indicated. Additional species as compared to those mentioned in the legend of Fig. 1 are abbreviated as follows: Gm, *Glycine max*; Hv, *Hordeum vulgare* subsp. *vulgare*; Mc, *Mesembryanthemum crystallinum*; Mpus, *Micromonas pusilla* CCMP1545; Ol, *Ostreococcus lucimarinus* CCE9901; Ot, *Ostreococcus tauri*; Pv, *Phaseolus vulgaris*; So, *Spinacia oleracea*; Uf, *Ulva fasciata*; Vu, *Vigna unguiculata*.

**Suppl. Table I: Arabidopsis gene models terminating with TNL>.**

AGI code	Annotation	C-terminal 15 aa	Size (aa)
At1g80300.1	Nucleotide transporter 1	ESPSSSPEKSAP <b>TNL</b>	624
At1g80745.1	Unknown protein	APLDNEDGVTKT <b>TNL</b>	102
At3g24170.1/2/3	Glutathione-disulfide reductase	VTRRIAHKPKPK <b>TNL</b>	499
At3g31900.1	Unknown protein	RKFLNVEADGPT <b>TNL</b>	393
At4g01026.1	Unknown protein	ASNGYREKNHTE <b>TNL</b>	211
At4g09820.1	Transparent testa 8	VKRAIHQVIIHD <b>TNL</b>	518
At5g36700.3	2-Phosphoglycolate phosphatase 1	GGCKTLLVLSGI <b>TNL</b>	332
At5g41765.1	Unknown protein	PQISFNNSEPKK <b>TNL</b>	152