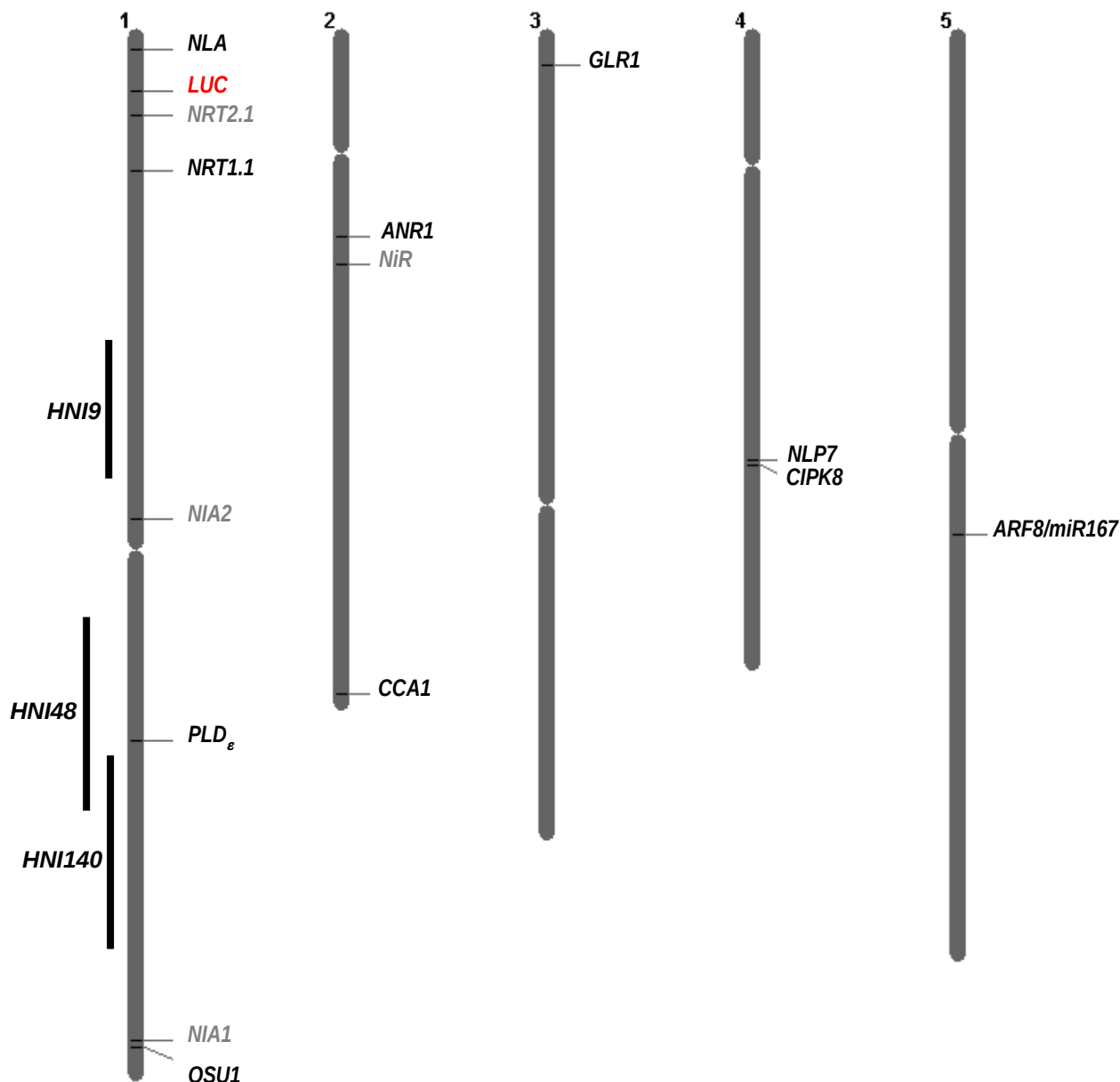


# Supplemental figure 4



**Supplemental figure 4. Genome mapping of *Arabidopsis* genes reported to play a role in N signaling as compared to *hni* loci.** Regulatory genes *NRT1.1* (At1g12110; Krouk et al., 2006), *NLP7* (At4g24020; Castaings et al., 2008) and *CIPK8* (At4g24400; Hu et al., 2008), *GLR1.1* (At3g04110; Kang and Turano, 2003), *NLA* (At1g02860; Peng et al., 2007), *CCA1* (At2g46830; Gutierrez et al., 2008), *OSU1* (At1g78240; Gao et al., 2008), *PLD<sub>ε</sub>* (At1g55180; Hong et al., 2009), *miR167/ARF8* (At1g55180; Gifford et al., 2008), are indicated in black. Structural genes involved in NO<sub>3</sub><sup>-</sup> uptake and assimilation *NRT2.1* (At1g08090), *NIA1* (At1g77760), *NIA2* (At1g37130), *NiR* (At2g15620) are indicated in grey. The *LUC* insertion site of NL and *hni* mutants is indicated in red.