



Figure S1. SNPs found in the gene that encodes for a Hydroxyproline-rich glycoprotein family protein in accessions described with variation in the number of AR formed after auxin treatment (King and Stimart, 1998). In the coding region, a missense variant (C/T; indicated with a red arrow) is observed in accessions with high AR formation (5.6 ± 0.6 to 7.2 ± 0.4 AR count), which is not present in accessions that produce a low number of AR (1.7 ± 0.3 to 3.8 ± 0.3). It is worth noting that En-2 and Ge-0 are not parental accessions used in MAGIC lines.