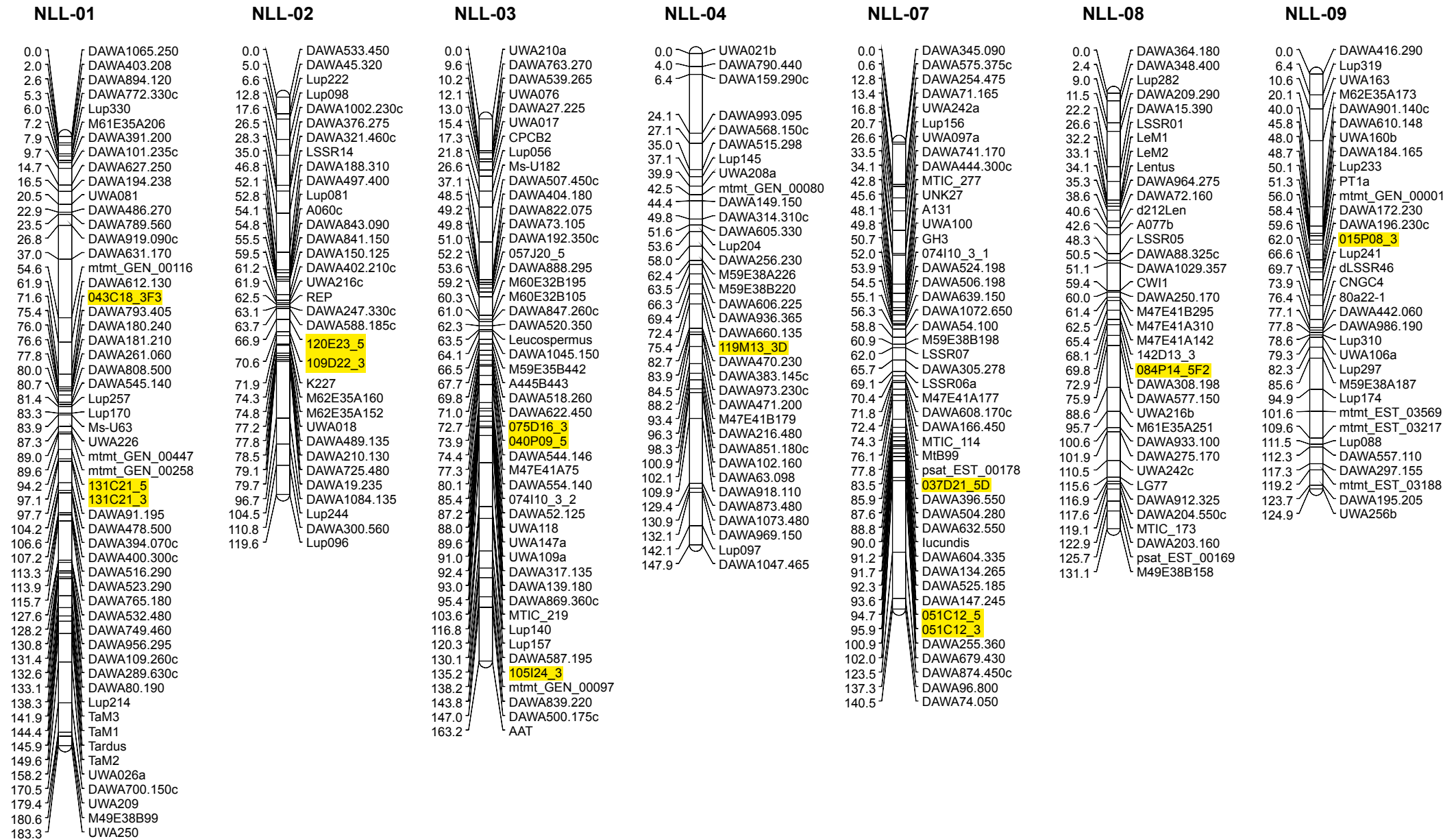


Linkage groups of the *L. angustifolius* genetic map (Nelson et al. 2010, Książkiewicz et al. 2013) supplemented with new genetic markers



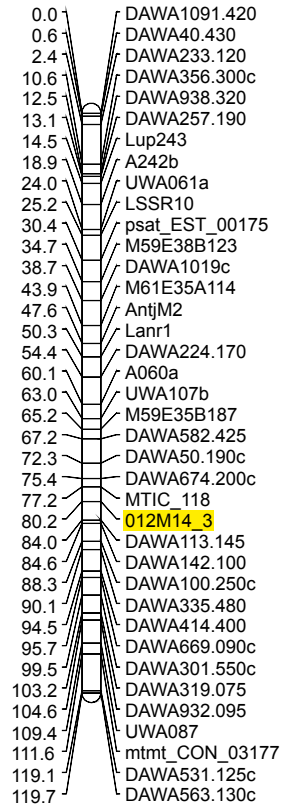
New markers are highlighted in yellow. Map distances are given in Kosambi centimorgans.

References:

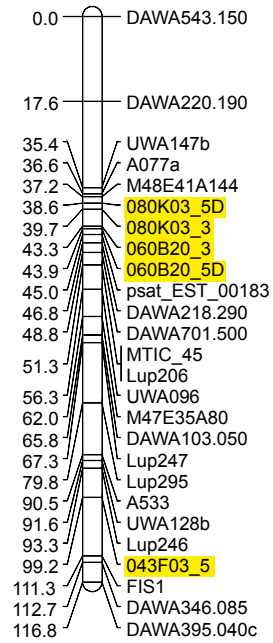
Nelson MN, Moolhuijzen PM, Boersma JG, et al. (2010) Aligning a new reference genetic map of *Lupinus angustifolius* with the genome sequence of the model legume, *Lotus japonicus*. *DNA Res Int J Rapid Publ Rep Genes Genomes* 17:73–83

Książkiewicz M, Wyrwa K, Szczepaniak A, et al. (2013) Comparative genomics of *Lupinus angustifolius* gene-rich regions: BAC library exploration, genetic mapping and cytogenetics. *BMC Genomics* 14:79

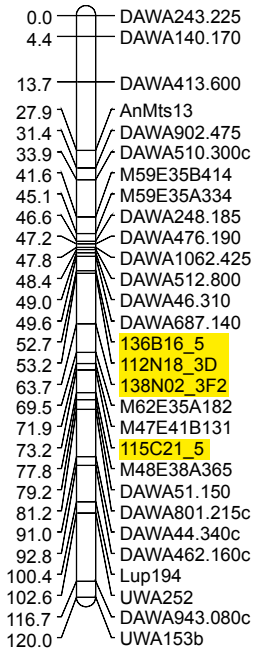
NLL-11



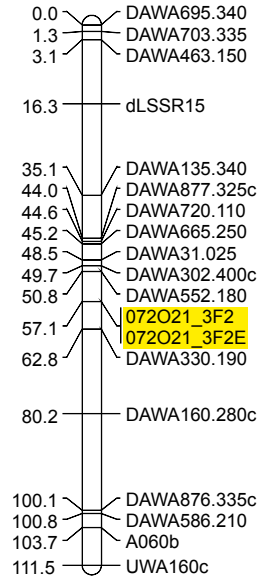
NLL-12



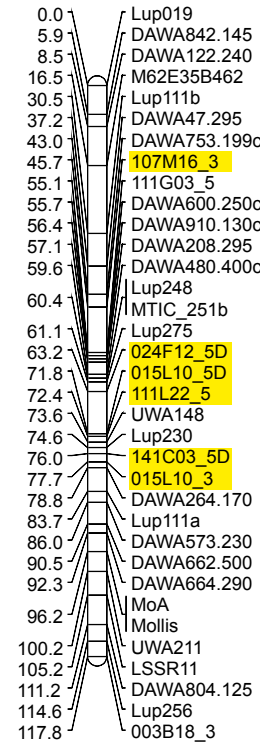
NLL-14



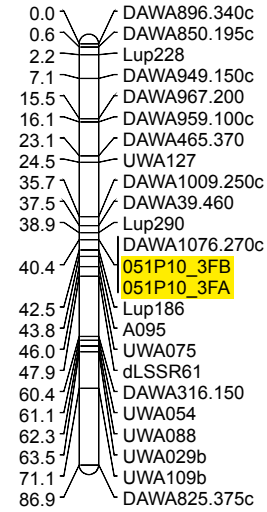
NLL-16



NLL-17



NLL-19



NLL-20

