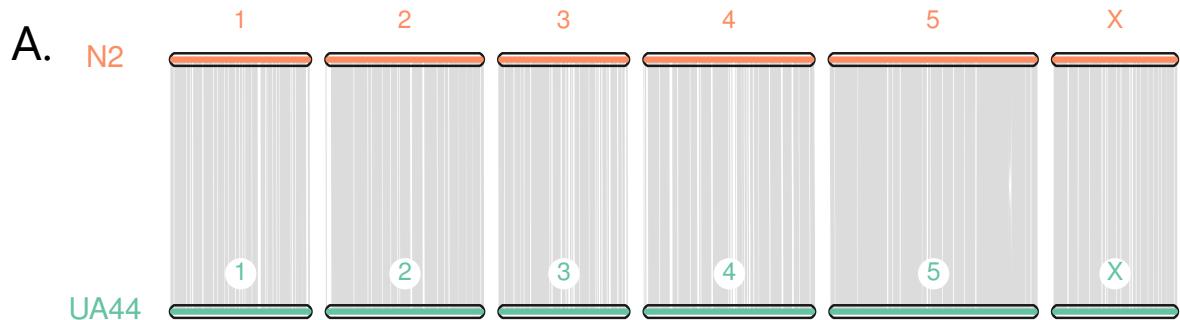


**Figure S1.** Syntenic Information for corrected UA44 genome after scaffolding. A) shows the chromosome alignment for UA44 and N2; B) shows the syntenic map of UA44 and N2; and C) shows the syntenic depth or ratio of UA44 genes to N2 genes.



**B.** Inter-genic comparison: N2 vs UA44 (11,736 gene pairs)

