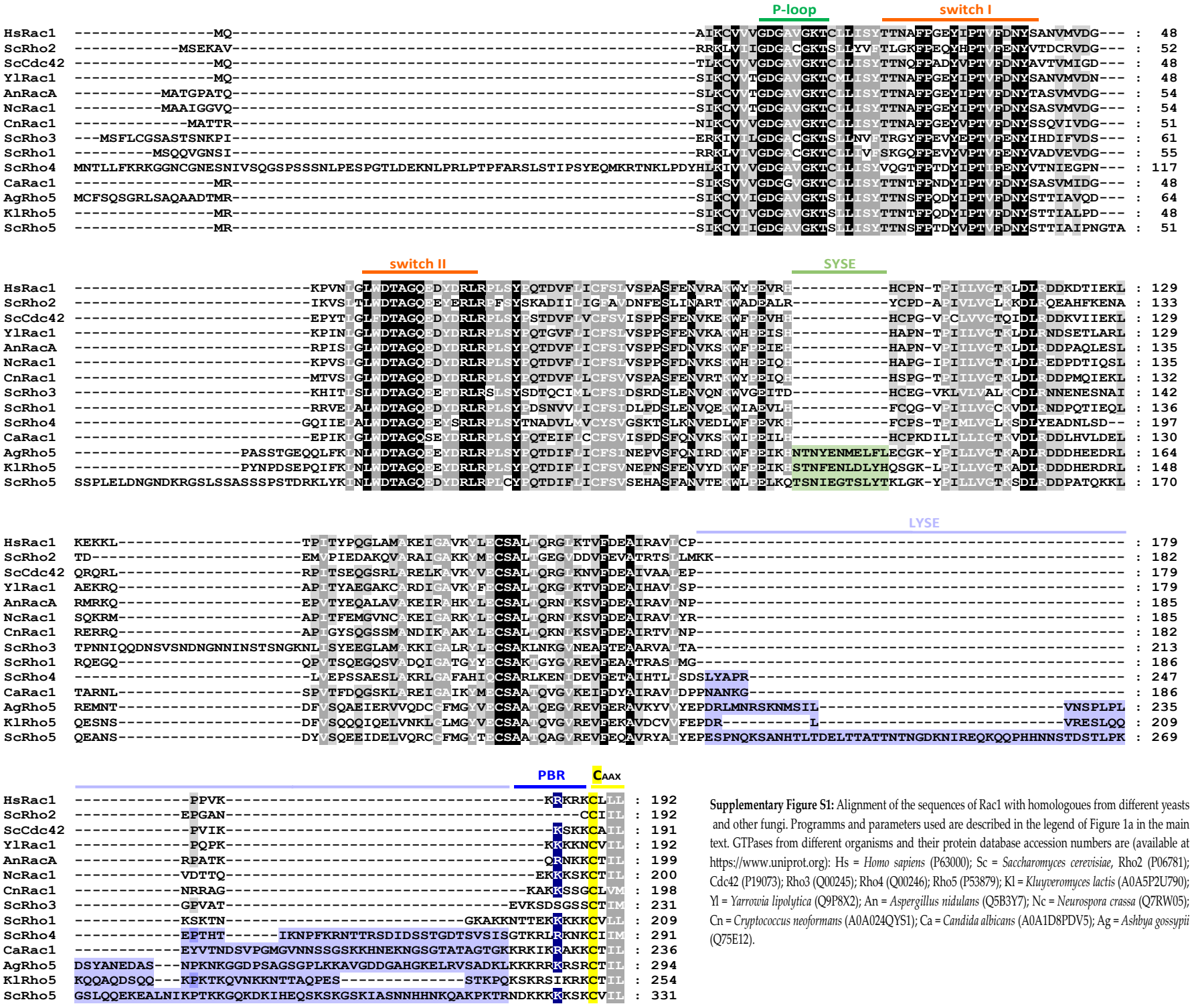

Supplementary Figure S1: Alignment of the sequences of Rac1 with homologoues from different yeasts and other fungi. Programms and parameters used are described in the legend of Figure 1a in the main text. GTPases from different organisms and their protein database accession numbers are (available at https://www.uniprot.org): Hs = *Homo sapiens* (P63000); Sc = *Saccharomyces cerevisiae*, Rho2 (P06781); Cdc42 (P19073); Rho3 (Q00245); Rho4 (Q00246); Rho5 (P53879); Kl = *Kluyveromyces lactis* (A0A5P2U790); Yl = *Yarrowia lipolytica* (Q9P8X2); An = *Aspergillus nidulans* (Q5B3Y7); Nc = *Neurospora crassa* (Q7RW05); Cn = *Cryptococcus neoformans* (A0A024QYS1); Ca = *Candida albicans* (A0A1D8PDV5); Ag = *Ashbya gossypii* (Q75E12).