Supplementary Figure S5 - Backcross of GB10 (NDH2i, ind1Δ) x GB2

Following mass sporulation, about 150 small, uracil prototrophic colonies were analysed, yielding 6 histidine auxotrophic, DQA-sensitive and 6 lysine auxotrophic, DQA-sensitive strains. Using PCR with gene-specific primer pairs, we could show that they all have either NDH2i, or IND1, or both genes. Many appear to be aneuploid, indicated by the presence of both the IND1 and the ind1::URA3 alleles, and the presence of both mating type alleles.