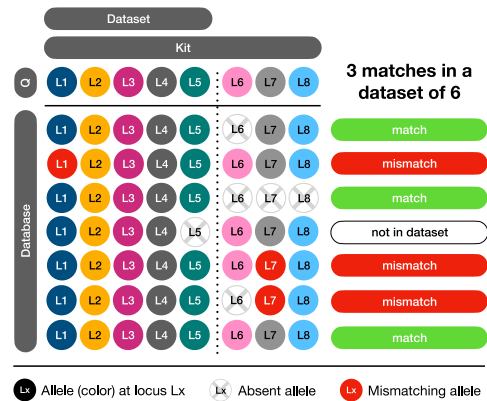


As of YHRD release R67, we have changed the way searches are performed. We are glad to introduce a new search option at YHRD: a selectable “Kit”. With having two different options – “Dataset” and “Kit” – there are three different ways of combining them:

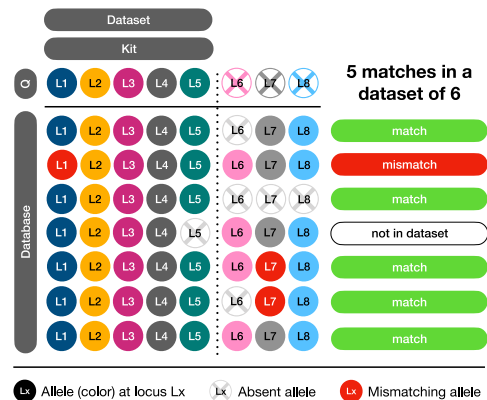
Dataset < Kit (set of loci in Dataset is less than those in Kit) – transient search:

First, the search is performed by matching our haplotype Q with the Dataset subset (contains full Dataset haplotypes only) of the YHRD database (worldwide, National Database or Metapopulation). Afterwards, all non-matches within the additional loci (which are included in Kit but not in Dataset) are excluded from the list of matches. For example, if the additional Kit loci include e.g., DYS570, the matching proportion of the database haplotypes would include the allele of DYS570 at Q and wildcard (haplotype in the database not typed for that locus) only. The base of this search is the number of haplotypes in the Dataset subset (contains full Dataset haplotypes only) of the YHRD database (worldwide, National Database or Metapopulation).



Dataset = Kit (set of loci in Dataset is equal to Kit) – masked search:

The search is performed by matching our haplotype Q with the Dataset subset (contains full Dataset haplotypes only) of the YHRD database (worldwide, National Database or Metapopulation). **This is the traditional search and will result in equal numbers like former releases of YHRD.** The base of this search is the number of haplotypes in the Dataset/Kit subset (contains full Dataset/Kit haplotypes only) of the YHRD database (worldwide, National Database or Metapopulation).



Dataset > Kit (set of loci in Kit is less than those in Dataset) – reduced search:

The search is performed by matching our haplotype Q with the Dataset subset (contains full Dataset haplotypes only) of the YHRD database (worldwide, National Database or Metapopulation). Matching is performed at Kit loci only. The base of this search is the number of haplotypes in the Dataset subset (contains full Dataset haplotypes only) of the YHRD database (worldwide, National Database or Metapopulation).

