see #449

#443   pabaA1 yA2 adE20 ; AcrA1 ; suC11adE20 ; coA1 cnxB2 = ni21/11
                                  spontaneous mutant in recomb. fm cross 1799

2122   X

#470   proA1 biA1 ;   methG1 frA1 T1(IV;VII) , chaA1
                                  fm cross 1929