```
% this is ../../crops/18r/planning/current pedigrees/primary dominants/les13- w23
% generated Friday, June 01, 2018 at 21:28:50 UTC (=1527888530.876224) by compute_pedigrees/1.
% Horizontal pedigrees, generations at same indentation. S: Mo20W; W: W23; M: M14.
% !!! => cross was not by Toni; references to image locations on right.
% W23/Les13-
06R0028:0000000 x 06R0028:0000000
      06R200:S00I9907 x 06R0028:0002802
      06R200:S00I9911 x 06R0028:0002805
           10R205:S0000810 x 10R1258:0038815
                                                        10R1258:0038815: [10r/gimmel/7.8-[605,606]]
                11N205:S0035510 x 11N3201:0017710
                     12R205:S0001908 x 12R3637:0029310
                                                                  12R3637:0029310: [12r/aleph/9.8-[2043]]
                          12N205:S0037307 x 12N4019:0028802
                               13R205:S0003402 x 13R4167:0026602
                          12N205:S0037903 x 12N4019:0028805
                          12N205:S0038201 x 12N4019:0028812
                     12R205:S0004009 x 12R3637:0029304
                                                                  12R3637:0029304: [12r/aleph/9.8-[2053]]
                                                                  12R3637:0029302: [12r/aleph/9.8-[2059]]
                     12R205:S0005703 x 12R3637:0029302
                11N205:S0035512 x 11N3201:0017708
                11N205:S0036603 x 11N3201:0017703
                11N305:W0040104 x 11N3201:0017703
                11N305:W0040109 x 11N3201:0017710
                11N305:W0040110 x 11N3201:0017708
           10R205:S0000811 x 10R1258:0038805
                                                        10R1258:0038805: [10r/gimmel/7.8-[600,602]]
           10R205:S0000813 x 10R1258:0038802
                                                        10R1258:0038802: [10r/qimmel/7.8-[598,599]]
           10R405:M0000705 x 10R1258:0038807
                                                        10R1258:0038807: [10r/gimmel/7.8-[603,604]]
      06R200:S00I9918 x 06R0028:0002808
      06R300:W00I8310 x 06R0028:0002802
     06R300:W00I8311 x 06R0028:0002805
      06R300:W00I8313 x 06R0028:0002808
           07R301:W0029603 x 07R1322:0062501
                                                 111
                                                 111
           07R301:W0030512 x 07R1322:0062501
      06R400:M00I8411 x 06R0028:0002802
           06N201:S0010108 x 06N1716:0022201
           06N201:S0010710 x 06N1716:0022202
           06N301:W0036502 x 06N1716:0022201
           06N301:W0036504 x 06N1716:0022202
      06R400:M00I8412 x 06R0028:0002805
           06N201:S0010104 x 06N1715:0022103
           06N301:W0036501 x 06N1715:0022103
                07R201:S0030708 x 07R2867:0061912
                                                      111
                                                             07R2867:0061912: [07r/bet/12.8-[366,367,368]]
                07R201:S0031809 x 07R2867:0061908
                                                      !!!
                                                             07R2867:0061908: [07r/bet/12.8-[355,356,357]]
           06N401:M0010305 x 06N1715:0022103
                10R405:M0000409 x 10R2868:0031504
                                                             10R2868:0031504: [10r/gimmel/14.8-[444]]
                     13R405:M0003613 \times 13R3295:0026801
```

15R405:M0001107 x 15R4295:0014205 15R4295:0014205: [15r/bet/8.8-[2600]] 10R405:M0000703 x 10R2868:0031507 10R2868:0031507: [10r/gimmel/14.8-[445]] 15R405:M0001613 x 15R1715:0015205 15R1715:0015205: [15r/bet/15.8-[2760]] 15R405:M0001614 x 15R1715:0015205 15R1715:0015205: [15r/bet/15.8-[2760]] 15R405:M0001619 x 15R1715:0015202 15R1715:0015202: [15r/bet/15.8-[2744]] 16R405:M0001804 x 16R4516:0012008 16R4516:0012008: [16r/gimmel/27.7-[188]] 16R405:M0002006 x 16R4516:0012008 16R4516:0012008: [16r/gimmel/27.7-[188]] 16R4516:0012007: [16r/gimmel/27.7-[176]] 16R405:M0002103 x 16R4516:0012007 17R405:M0002101 x 17R4547:0018305 17R4547:0018305: [17r/bet/2.8-[410]] 16R405:M0002105 x 16R4516:0012007 16R4516:0012007: [16r/gimmel/27.7-[176]] 06R400:M00I8501 x 06R0028:0002808 06N201:S0013709 x 06N1714:0022004 06N201:S0013710 x 06N1714:0022008 06N301:W0029909 x 06N1714:0022003 06N301:W0030503 x 06N1714:0022008 06N401:M0012505 x 06N1714:0022004 07R301:W0029308 x 07R2875:0062212 !!! 07R2875:0062212: [07r/gimmel/11.8-[157,158,159]] 06N401:M0023601 x 06N1714:0022008 07R201:S0008406 x 07R2873:0062408 !!! 07R2873:0062408: [07r/gimmel/11.8-[160,161,162]] 07R301:W0008305 x 07R2873:0062408 !!! 07R2873:0062408: [07r/gimmel/11.8-[160,161,162]]