```
les-n2397- +
                   Fri Jun 01 16:28:50 2018
% this is ../../crops/18r/planning/current pedigrees/secondary dominants/les-n2397- +
% generated Friday, June 01, 2018 at 21:28:50 UTC (=1527888530.981547) 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.
% +/Les*-N2397-
 06R0084:0000000 x 06R0084:0000000
      06R200:S00I2612 x 06R0084:0008414
           09R201:S0043316 x 09R1144:0029606
                                                        09R1144:0029606: [09r/gimmel/13.9-[150]]
                                                        09R1144:0029611: [09r/gimmel/13.9-[170]]
           09R201:S0043604 x 09R1144:0029611
           09R201:S0043608 x 09R1144:0029613
      06R300:W00I4214 x 06R0084:0008414
           06N201:S0007701 x 06N1159:0019209
           06N201:S0013711 x 06N1159:0019212
           06N201:S0013804 x 06N1159:0019207
           06N201:S0013807 x 06N1159:0019206
           06N201:S0013808 x 06N1159:0019204
           06N201:S0014305 x 06N1159:0019201
           06N301:W0009312 x 06N1159:0019201
           06N301:W0009904 x 06N1159:0019207
           06N301:W0010203 x 06N1159:0019203
           06N301:W0010501 x 06N1159:0019204
           06N301:W0010503 x 06N1159:0019201
           06N301:W0010509 x 06N1159:0019207
           06N301:W0010802 x 06N1159:0019205
           06N301:W0010804 x 06N1159:0019206
           06N301:W0010806 x 06N1159:0019209
           06N301:W0010811 x 06N1159:0019212
           06N301:W0036307 x 06N1159:0019204
           06N301:W0036508 x 06N1159:0019201
                09R301:W0045507 x 09R2958:0029704
                                                             09R2958:0029704: [09r/gimmel/13.9-[165]]
                     10R305:W0005416 x 10R2261:0036707
                          11R205:S0049013 x 11R3277:0030610
                                                                       11R3277:0030610: [11r/aleph/19.8-[1143]]
                                                                            15R4415:0018712: [15r/bet/15.8-[2741]]
                               15R205:S0000112 x 15R4415:0018712
                               15R205:S0000402 x 15R4415:0018712
                                                                            15R4415:0018712: [15r/bet/15.8-[2741]]
                               15R205:S0000406 x 15R4415:0018712
                                                                            15R4415:0018712: [15r/bet/15.8-[2741]]
                               15R205:S0000506 x 15R4415:0018707
                                                                            15R4415:0018707: [15r/bet/15.8-[2749]]
                               15R205:S0000508 x 15R4415:0018707
                                                                            15R4415:0018707: [15r/bet/15.8-[2749]]
                               15R205:S0000509 x 15R4415:0018707
                                                                            15R4415:0018707: [15r/bet/15.8-[2749]]
                                                                       11R3277:0030610: [11r/aleph/19.8-[1143]]
                          11R305:W0049403 x 11R3277:0030610
                               11N305:W0030805 x 11N3488:0023602
                               11N305:W0032609 x 11N3488:0023603
                               11N305:W0039211 x 11N3488:0023605
                                    14R4270:0015104 x 14R4270:0015106
                                                                                 14R4270:0015106: [14r/bet/22.8-[2279]]
                                    14R4270:0015106 x 14R4270:0015106
                                                                                 14R4270:0015106: [14r/bet/22.8-[2279]]
```

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14R4270:0015106: [14r/bet/22.8-[2279]]
                                14R4270:0015107 x 14R4270:0015106
                                                                             14R4270:0015106: [14r/bet/22.8-[2279]]
                                14R4270:0015116 x 14R4270:0015106
                                                                             14R4270:0015106: [14r/bet/22.8-[2279]]
                                14R505:B0002007 x 14R4270:0015106
                                                                             14R4270:0015106: [14r/bet/22.8-[2279]]
                                14R505:B0002114 x 14R4270:0015106
                                                                             14R4270:0015106: [14r/bet/22.8-[2279]]
                                14R505:B0002203 x 14R4270:0015106
                                                                             14R4270:0015106: [14r/bet/22.8-[2279]]
                                                         09R2958:0029708: [09r/gimmel/13.9-[160]]
            09R301:W0045510 x 09R2958:0029708
            09R301:W0045512 x 09R2958:0029711
                                                         09R2958:0029711: [09r/gimmel/13.9-[155]]
       06N401:M0011806 x 06N1159:0019212
       06N401:M0011909 x 06N1159:0019207
       06N401:M0012201 x 06N1159:0019206
       06N401:M0012202 x 06N1159:0019205
       06N401:M0012306 x 06N1159:0019204
            07R201:S0008715 x 07R2953:0089706
                                                 111
       06N401:M0013005 x 06N1159:0019201
  06R400:M00I2905 x 06R0084:0008414
       09R401:M0045404 x 09R1826:0029806
                                                    09R1826:0029806: [09r/gimmel/13.9-[175]]
       09R401:M0045405 x 09R1826:0029807
                                                    09R1826:0029807: [09r/gimmel/13.9-[180]]
            11R205:S0049014 x 11R3233:0030704
                                                         11R3233:0030704: [11r/aleph/19.8-[1144]]
                 11N205:S0030703 x 11N3487:0023502
                 11N205:S0030707 x 11N3487:0023509
                 11N205:S0031805 x 11N3487:0023511
            11R405:M0044608 x 11R3233:0030704
                                                         11R3233:0030704: [11r/aleph/19.8-[1144]]
                 11N405:M0037303 \times 11N3489:0023703
                 11N405:M0037603 x 11N3489:0023703
  09R201:S0056206 x 09R0084:0029510
  09R301:W0052108 x 09R0084:0029510
  09R401:M0056404 x 09R0084:0029510
```