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% this is ../../crops/18r/planning/current pedigrees/primary dominants/les20-n2457- w23
% generated Friday, June 01, 2018 at 21:28:50 UTC (=1527888530.941142) 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/Les20-N2457-
 06R0071:0000000 x 06R0071:0000000
      06R400:M00I6105 x 06R0071:0007110
           06N201:S0011309 x 06N1129:0023107
                10R205:S0001406 x 10R2929:0034507
                                                             10R2929:0034507: [10r/gimmel/15.8-[567]]
                     12R205:S0002510 x 12R3297:0031504
                     12R305:W0002614 x 12R3297:0031504
                          15R305:W0003013 x 15R4044:0016008
                                                                       15R4044:0016008: [15r/bet/15.8-[2771]]
                          15R305:W0003014 x 15R4044:0016008
                                                                       15R4044:0016008: [15r/bet/15.8-[2771]]
                          15R305:W0003201 x 15R4044:0016003
                                                                       15R4044:0016003: [15r/bet/15.8-[2775]]
                          15R305:W0003204 x 15R4044:0016004
                                                                       15R4044:0016004: [15r/bet/15.8-[2768]]
                          15R305:W0003206 x 15R4044:0016008
                                                                       15R4044:0016008: [15r/bet/15.8-[2771]]
                     12R405:M0001812 x 12R3297:0031504
                10R205:S0001407 x 10R2929:0034506
                                                             10R2929:0034506: [10r/gimmel/15.8-[566]]
                     15R205:S0002302 x 15R4403:0015507
                     15R205:S0002306 x 15R4403:0015507
                10R205:S0009812 x 10R2929:0034509
                                                             10R2929:0034509: [10r/gimmel/15.8-[568]]
           06N301:W0036606 x 06N1129:0023107
                09R301:W0043102 x 09R2930:0027805
                                                             09R2930:0027805: [09r/bet/12.9-[500]]
                     10R305:W0010509 x 10R3053:0034610
                                                                  10R3053:0034610: [10r/gimmel/16.8-[571]]
                          11N305:W0032902 x 11N3316:0020303
                               15R305:W0002904 x 15R3654:0016401
                                                                            15R3654:0016401: [15r/bet/15.8-[2764]]
                               15R305:W0002907 x 15R3654:0016401
                                                                            15R3654:0016401: [15r/bet/15.8-[2764]]
                               15R305:W0002908 x 15R3654:0016406
                                                                            15R3654:0016406: [15r/bet/15.8-[2763]]
                               15R305:W0002909 x 15R3654:0016406
                                                                            15R3654:0016406: [15r/bet/15.8-[2763]]
                               15R305:W0003011 x 15R3654:0016401
                                                                            15R3654:0016401: [15r/bet/15.8-[2764]]
                          11N305:W0032904 x 11N3316:0020302
                                                                  10R3053:0034607: [10r/gimmel/16.8-[570]]
                     10R305:W0010718 x 10R3053:0034607
                09R301:W0043105 x 09R2930:0027813
                                                             09R2930:0027813: [09r/bet/12.9-[485]]
                     15R305:W0002803 x 15R4177:0016107
                                                                  15R4177:0016107: [15r/bet/15.8-[2783]]
                     15R305:W0002903 x 15R4177:0016107
                                                                  15R4177:0016107: [15r/bet/15.8-[2783]]
                          16R305:W0003014 x 16R4528:0013706
                                                                       16R4528:0013706: [16r/gimmel/28.7-[197]]
                          16R305:W0003015 x 16R4528:0013706
                                                                       16R4528:0013706: [16r/gimmel/28.7-[197]]
                          16R305:W0003016 x 16R4528:0013704
                                                                       16R4528:0013704: [16r/gimmel/28.7-[216]]
                               17R305:W0003817 x 17R4569:0018711
                                                                             17R4569:0018711: [17r/bet/2.8-[419]]
                               17R305:W0005401 x 17R4569:0018709
                                                                            17R4569:0018709: [17r/bet/2.8-[442]]
                               17R305:W0005501 x 17R4569:0018709
                                                                            17R4569:0018709: [17r/bet/2.8-[442]]
                               17R305:W0005511 x 17R4569:0018709
                                                                            17R4569:0018709: [17r/bet/2.8-[442]]
                               17R305:W0005516 x 17R4569:0018709
                                                                            17R4569:0018709: [17r/bet/2.8-[442]]
                          16R305:W0003017 x 16R4528:0013704
                                                                       16R4528:0013704: [16r/gimmel/28.7-[216]]
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09R301:W0045206 x 09R2930:0027810
                                                  09R2930:0027810: [09r/bet/12.9-[480]]
          15R305:W0002910 x 15R4405:0016213
                                                       15R4405:0016213: [15r/bet/15.8-[2765]]
          15R305:W0002912 x 15R4405:0016213
                                                       15R4405:0016213: [15r/bet/15.8-[2765]]
          15R305:W0003015 x 15R4405:0016211
                                                       15R4405:0016211: [15r/bet/15.8-[2766]]
          15R305:W0003017 x 15R4405:0016212
          15R305:W0003107 x 15R4405:0016202
                                                       15R4405:0016202: [15r/bet/15.8-[2762]]
          15R305:W0003108 x 15R4405:0016213
                                                       15R4405:0016213: [15r/bet/15.8-[2765]]
          15R305:W0003110 x 15R4405:0016202
                                                       15R4405:0016202: [15r/bet/15.8-[2762]]
          15R305:W0003116 x 15R4405:0016213
                                                       15R4405:0016213: [15r/bet/15.8-[2765]]
     15R305:W0003004 x 15R2930:0015905
                                                  15R2930:0015905: [15r/bet/15.8-[2776]]
          16R305:W0003010 x 16R4526:0013502
                                                       16R4526:0013502: [16r/gimmel/28.7-[219]]
          16R305:W0003011 x 16R4526:0013504
                                                       16R4526:0013504: [16r/gimmel/28.7-[193]]
          16R305:W0003012 x 16R4526:0013504
                                                       16R4526:0013504: [16r/gimmel/28.7-[193]]
               17R305:W0003810 x 17R4568:0018611
                                                            17R4568:0018611: [17r/bet/2.8-[447]]
               17R305:W0003811 x 17R4568:0018611
                                                            17R4568:0018611: [17r/bet/2.8-[447]]
               17R305:W0003812 x 17R4568:0018611
                                                            17R4568:0018611: [17r/bet/2.8-[447]]
          16R305:W0003018 x 16R4526:0013508
                                                       16R4526:0013508: [16r/gimmel/28.7-[206]]
     15R305:W0003010 x 15R2930:0015905
                                                  15R2930:0015905: [15r/bet/15.8-[2776]]
     15R305:W0003102 x 15R2930:0015905
                                                  15R2930:0015905: [15r/bet/15.8-[2776]]
06N401:M0011201 x 06N1129:0023107
     15R405:M0003304 x 15R2931:0016704
                                                  15R2931:0016704: [15r/bet/15.8-[2773]]
     15R405:M0003307 x 15R2931:0016704
                                                  15R2931:0016704: [15r/bet/15.8-[2773]]
          16R405:M0002302 x 16R4531:0014001
                                                       16R4531:0014001: [16r/gimmel/28.7-[194]]
          16R405:M0003202 x 16R4531:0014005
                                                       16R4531:0014005: [16r/gimmel/28.7-[192]]
          16R405:M0003204 x 16R4531:0014008
     15R405:M0003310 x 15R2931:0016704
                                                  15R2931:0016704: [15r/bet/15.8-[2773]]
     15R405:M0003615 x 15R2931:0016704
                                                  15R2931:0016704: [15r/bet/15.8-[2773]]
06N401:M0024306 x 06N1129:0023102
     10R405:M0007807 x 10R2932:0034702
                                                  10R2932:0034702: [10r/gimmel/16.8-[572]]
          15R405:M0003801 x 15R4406:0016801
                                                       15R4406:0016801: [15r/bet/15.8-[2769]]
          15R405:M0003804 x 15R4406:0016801
                                                       15R4406:0016801: [15r/bet/15.8-[2769]]
               16R405:M0001903 x 16R4532:0014102
                                                            16R4532:0014102: [16r/gimmel/28.7-[195]]
               16R405:M0001907 x 16R4532:0014102
                                                            16R4532:0014102: [16r/gimmel/28.7-[195]]
               16R405:M0002004 x 16R4532:0014101
                    17R405:M0004416 x 17R4570:0019003
                                                                 17R4570:0019003: [17r/bet/2.8-[431]]
                    17R405:M0004417 x 17R4570:0019003
                                                                 17R4570:0019003: [17r/bet/2.8-[431]]
                    17R405:M0004608 x 17R4570:0019003
                                                                 17R4570:0019003: [17r/bet/2.8-[431]]
                    17R405:M0004614 x 17R4570:0019003
                                                                 17R4570:0019003: [17r/bet/2.8-[431]]
               16R405:M0002207 x 16R4532:0014101
          15R405:M0003806 x 15R4406:0016801
                                                       15R4406:0016801: [15r/bet/15.8-[2769]]
     10R405:M0008103 x 10R2932:0034703
                                                  10R2932:0034703: [10r/gimmel/16.8-[573]]
          11R405:M0050307 x 11R3298:0026705
                                                       11R3298:0026705: [11r/aleph/19.8-[1111]]
               12N405:M0038407 x 12N3467:0033608
               12N405:M0038708 x 12N3467:0033602
     10R405:M0008104 x 10R2932:0034704
                                                  10R2932:0034704: [10r/gimmel/16.8-[574]]
15R405:M0003701 x 15R1129:0015401
                                             15R1129:0015401: [15r/bet/15.8-[2767]]
15R405:M0003705 x 15R1129:0015401
                                             15R1129:0015401: [15r/bet/15.8-[2767]]
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