```
% this is ../../crops/18r/planning/current_pedigrees/primary dominants/les6- mo20w
% generated Friday, June 01, 2018 at 21:28:50 UTC (=1527888530.709739) 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.
% Mo20W/Les6-
 06R0004:0000000 x 06R0004:0000000
      06R200:S00I1906 x 06R0004:0000401
      06R200:S00I1909 x 06R0004:0000403
           06N201:S0013901 x 06N1271:0003502
           06N201:S0013902 x 06N1271:0003503
           06N201:S0023810 \times 06N1271:0003509
                09R201:S0042304 x 09R2380:0018210
                                                             09R2380:0018210: [09r/aleph/21.8-[14]]
                     10R205:S0002008 x 10R2235:0020704
                                                                  10R2235:0020704: [10r/qimmel/9.8-[134]]
                          11R205:S0052006 x 11R3254:0018505
                                                                       11R3254:0018505: [11r/aleph/18.8-[1095]]
                               11N205:S0037004 x 11N3433:0012810
                                    14R4260:0011101 x 14R4260:0011111
                                                                                 14R4260:0011111: [14r/bet/18.8-[2205]]
                                    14R4260:0011102 x 14R4260:0011111
                                                                                 14R4260:0011111: [14r/bet/18.8-[2205]]
                                    14R4260:0011103 x 14R4260:0011111
                                                                                 14R4260:0011111: [14r/bet/18.8-[2205]]
                                    14R4260:0011104 x 14R4260:0011111
                                                                                 14R4260:0011111: [14r/bet/18.8-[2205]]
                                    14R4260:0011106 x 14R4260:0011111
                                                                                 14R4260:0011111: [14r/bet/18.8-[2205]]
                                    14R4260:0011112 x 14R4260:0011111
                                                                                 14R4260:0011111: [14r/bet/18.8-[2205]]
                                    14R4260:0011115 x 14R4260:0011111
                                                                                 14R4260:0011111: [14r/bet/18.8-[2205]]
                                                                                 14R4260:0011111: [14r/bet/18.8-[2205]]
                                    14R4260:0011120 x 14R4260:0011111
                               11N205:S0038701 x 11N3433:0012807
                               11N205:S0038704 x 11N3433:0012802
                          11R205:S0052009 x 11R3254:0018507
                                                                       11R3254:0018507: [11r/aleph/18.8-[1086]]
                     10R205:S0007314 x 10R2235:0020707
                                                                  10R2235:0020707: [10r/gimmel/9.8-[135]]
                     10R205:S0007316 x 10R2235:0020703
                                                                  10R2235:0020703: [10r/qimmel/9.8-[133]]
                     10R205:S0007905 x 10R2235:0020703
                                                                  10R2235:0020703: [10r/gimmel/9.8-[133]]
                09R201:S0042604 x 09R2380:0018203
                09R201:S0042611 x 09R2380:0018205
      06R200:S00I1919 x 06R0004:0000405
           06N201:S0023802 x 06N1273:0003406
           06N201:S0025001 x 06N1273:0003407
      06R300:W00I2014 x 06R0004:0000401
      06R300:W00I2016 x 06R0004:0000403
           09R301:W0040106 x 09R1556:0018308
           09R301:W0042808 x 09R1556:0018309
                                                        09R1556:0018309: [09r/aleph/21.8-[16]]
                                                             10R1034:0020808: [10r/gimmel/9.8-[140]]
                10R305:W0004214 x 10R1034:0020808
                10R305:W0004503 x 10R1034:0020806
                                                             10R1034:0020806: [10r/gimmel/9.8-[138]]
                     11R305:W0043511 x 11R3191:0018608
                                                                  11R3191:0018608: [11r/aleph/18.8-[1088]]
                          11N305:W0031105 x 11N3434:0012906
                               12R305:W0004119 x 12R3600:0024902
                                                                            12R3600:0024902: [12r/bet/3.8-[60],12r/bet/8.8
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12R305:W0010717 x 12R3600:0024907
                                                                          12R3600:0024907: [12r/bet/3.8-[59],12r/bet/8.8
-[168]]
                               12R305:W0011316 x 12R3600:0024913
                                    12N3962:0020204 x 12N3962:0020211
                                                                                 12N3962:0020211: [12n/bet/14.1-[891]]
                                         13R4105:0010503 x 13R4106:0010704
                                                                                      13R4105:0010503: [13r/bet/17.7-[1235]
],13r/bet/22.7-[1507],13r/bet/27.7-[1657],13r/bet/6.8-[1780,1781]] 13R4106:0010704: [13r/bet/6.8-[1854]]
                                         13R4105:0010603 x 13R4106:0010705
                                                                                      13R4105:0010603: [13r/bet/17.7-[1240]
],13r/bet/22.7-[1512],13r/bet/27.7-[1662]]
                                         13R4106:0010704 x 13R4105:0010503
                                                                                      13R4106:0010704: [13r/bet/6.8-[1854]
        13R4105:0010503: [13r/bet/17.7-[1235],13r/bet/22.7-[1507],13r/bet/27.7-[1657],13r/bet/6.8-[1780,1781]]
                                         13R4106:0010705 x 13R4105:0010603
                                                                                      13R4105:0010603: [13r/bet/17.7-[1240
],13r/bet/22.7-[1512],13r/bet/27.7-[1662]]
                                         13R4106:0010713 x 13R4107:0011007
                                         13R4106:0010714 x 13R4107:0011008
                                         13R4106:0010813 x 13R4107:0011003
                                         13R4107:0010912 x 13R4106:0010705
                                         13R4107:0010914 x 13R4106:0010813
                                         13R4107:0011001 x 13R4106:0010705
                                         13R4107:0011003 x 13R4106:0010813
                                         13R4107:0011007 x 13R4106:0010713
                                         13R4107:0011008 x 13R4106:0010714
                                         13R4107:0011013 x 13R4106:0010705
                                    13R3962:0006801 x 13R3962:0006802
                                                                                 13R3962:0006802: [13r/bet/1.8-[1769]]
                                    13R3962:0006802 x 13R3962:0006802
                                                                                 13R3962:0006802: [13r/bet/1.8-[1769]]
   13R3962:0006802: [13r/bet/1.8-[1769]]
                                    13R3962:0006803 x 13R3962:0006802
                                                                                 13R3962:0006803: [13r/bet/1.8-[1777]]
   13R3962:0006802: [13r/bet/1.8-[1769]]
                                    13R504:B0003006 x 13R3962:0006802
                                                                                 13R3962:0006802: [13r/bet/1.8-[1769]]
                                    14R3962:0011203 x 14R3962:0011206
                                                                                 14R3962:0011206: [14r/bet/18.8-[2211]]
                                    14R3962:0011209 x 14R3962:0011206
                                                                                 14R3962:0011206: [14r/bet/18.8-[2211]]
                                    14R3962:0011211 x 14R3962:0011206
                                                                                 14R3962:0011206: [14r/bet/18.8-[2211]]
                                    14R3962:0011213 x 14R3962:0011206
                                                                                 14R3962:0011206: [14r/bet/18.8-[2211]]
                                    14R3962:0011214 x 14R3962:0011206
                                                                                 14R3962:0011206: [14r/bet/18.8-[2211]]
                                    14R3962:0011217 x 14R3962:0011206
                                                                                 14R3962:0011206: [14r/bet/18.8-[2211]]
                               12R305:W0011319 x 12R3600:0024913
                               12R3600:0024902 x 12R3600:0024902
                                                                            12R3600:0024902: [12r/bet/3.8-[60],12r/bet/8.8
-[167]] 12R3600:0024902: [12r/bet/3.8-[60],12r/bet/8.8-[167]]
                               12R3600:0024907 x 12R3600:0024907
                                                                            12R3600:0024907: [12r/bet/3.8-[59],12r/bet/8.8
-[168]] 12R3600:0024907: [12r/bet/3.8-[59],12r/bet/8.8-[168]]
                               12R503:B0012408 x 12R3600:0024907
                                                                            12R3600:0024907: [12r/bet/3.8-[59],12r/bet/8.8
-[168]]
                               12R503:B0012512 x 12R3600:0024907
                                                                            12R3600:0024907: [12r/bet/3.8-[59],12r/bet/8.8
-[168]]
                         11N305:W0031106 x 11N3434:0012907
                          11N305:W0032903 x 11N3434:0012902
                     11R305:W0043512 x 11R3191:0018611
                                                                  11R3191:0018611: [11r/aleph/18.8-[1084]]
                10R305:W0007105 x 10R1034:0020801
                                                             10R1034:0020801: [10r/gimmel/9.8-[137]]
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06R400:M00I2105 x 06R0004:0000401
     06N1408:0020207 x 06N1408:0020207
     06N201:S0004705 x 06N1408:0020207
          0.7R201:S0017405 \times 0.7R2360:0043409
          07R201:S0034307 x 07R2360:0043401
          07R301:W0017302 x 07R2360:0043409
                                                 111
          07R301:W0032610 x 07R2360:0043401
          07R401:M0011112 x 07R2360:0043409
                                                 !!!
          07R401:M0032502 x 07R2360:0043401
     06N301:W0034807 x 06N1408:0020207
     06N401:M0005207 x 06N1408:0020207
     06N401:M0005501 x 06N1408:0020202
          07R201:S0032112 x 07R2364:0043204
          07R301:W0002603 x 07R2364:0043204
     06N401:M0005502 x 06N1408:0020203
          07R201:S0028509 x 07R2363:0043306
          07R201:S0030707 x 07R2363:0043303
          07R301:W0028405 x 07R2363:0043306
          07R301:W0031401 x 07R2363:0043308
          07R301:W0085008 x 07R2363:0043302
          07R401:M0000601 x 07R2363:0043306
                                                 !!!
          07R401:M0022004 x 07R2363:0043303
                                                 111
          07R401:M0029104 x 07R2363:0043306
          07R401:M0029106 \times 07R2363:0043306
          07R401:M0029111 x 07R2363:0043308
          07R401:M0085707 x 07R2363:0043302
     06N401:M0007901 \times 06N1408:0020211
06R400:M00I2109 x 06R0004:0000403
     06N201:S0004109 x 06N1605:0020101
          07R201:S0033006 x 07R2377:0044004
     06N201:S0004113 x 06N1605:0020102
     06N201:S0004409 x 06N1605:0020105
     06N201:S0004412 x 06N1605:0020106
          07R201:S0025303 x 07R2366:0044612
                                                 111
          07R301:W0027510 x 07R2366:0044612
          07R401:M0023206 x 07R2366:0044612
     06N301:W0025702 x 06N1605:0020106
     06N301:W0034607 x 06N1605:0020101
     06N301:W0034801 x 06N1605:0020102
     06N301:W0034802 x 06N1605:0020105
     06N301:W0034804 x 06N1605:0020106
     06N401:M0004901 x 06N1605:0020101
          07R301:W0022701 x 07R2379:0044115
          07R401:M0023207 x 07R2379:0044115
          07R401:M0032201 x 07R2379:0044103
               09R401:M0041201 x 09R2106:0018411
                    13R405:M0002001 x 13R4151:0019604
```

13R405:M0002002 x 13R4151:0019603 13R405:M0003605 x 13R4151:0019601

09R401:M0042407 x 09R2106:0018402

10R405:M0006608 x 10R2236:0020906

12N405:M0042504 x 12N3255:0020508

13R4087:0006902 x 13R4087:0006908

13R4087:0006904 x 13R4087:0006904

13R4087:0006905 x 13R4087:0006903

13R4087:0006903: [13r/bet/1.8-[1764]]

13R4087:0006906 x 13R4087:0006908

13R504:B0003202 x 13R4087:0006904

12R503:B0012609 x 12R3255:0025009

10R405:M0006609 x 10R2236:0020902

06N401:M0004903 x 06N1605:0020102

06N401:M0005204 x 06N1605:0020105

06N401:M0005206 x 06N1605:0020106

06N401:M0007002 x 06N1605:0020106

06N401:M0011605 x 06N1605:0020107

06R400:M00I2112 x 06R0004:0000405

10R2236:0020906: [10r/gimmel/9.8-[143]] 12N3255:0020508: [12n/bet/11.1-[661]]

13R4087:0006908: [13r/bet/1.8-[1775]]

13R4087:0006905: [13r/bet/1.8-[1771]]

13R4087:0006908: [13r/bet/1.8-[1775]]

12R3255:0025009: [12r/aleph/9.8-[1990]]

10R2236:0020902: [10r/gimmel/9.8-[141]]