% this is ../../crops/18r/planning/current_pedigrees/primary_dominants/les21-_w23
% generated Friday, June 01, 2018 at 21:28:50 UTC (=1527888530.902874) 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/Les21-

```
 06R0033:0000000 x 06R0033:0000000
       06R0033:0003301 x 06R0033:00033xx
       06R0033:0003307 x 06R0033:0003311
            10R205:S0006706 x 10R1364:0034803        10R1364:0034803: [10r/gimmel/16.8-[575]]
                 11N205:S0031809 x 11N3215:0020511
                     12R205:S0002211 x 12R3655:0031810        12R3655:0031810: [12r/aleph/9.8-[2077]]
                         12N205:S0036704 x 12N4047:0033805
                         12N205:S0037310 x 12N4047:0033811
                         12N205:S0037311 x 12N4047:0033806
                             13R205:S0000202 x 13R4181:0029502
                                 14R205:S0000103 x 14R4308:0026003        14R4308:0026003: [14r/bet/23.8-[2368]]
                                 14R205:S0000208 x 14R4308:0026010        14R4308:0026010: [14r/bet/23.8-[2363]]
                                 14R205:S0000209 x 14R4308:0026010        14R4308:0026010: [14r/bet/23.8-[2363]]
                                 14R205:S0000211 x 14R4308:0026010        14R4308:0026010: [14r/bet/23.8-[2363]]
                             13R205:S0000404 x 13R4181:0029502
                         12N205:S0038209 x 12N4047:0033809
                     12R205:S0002213 x 12R3655:0031801        12R3655:0031801: [12r/aleph/9.8-[2075]]
                     12R205:S0002810 x 12R3655:0031803        12R3655:0031803: [12r/aleph/9.8-[2081]]
                     12R205:S0008502 x 12R3655:0031814
                     12R205:S0011214 x 12R3655:0031806
            10R205:S0006709 x 10R1364:0034807        10R1364:0034807: [10r/gimmel/16.8-[576]]
            10R405:M0006914 x 10R1364:0034807        10R1364:0034807: [10r/gimmel/16.8-[576]]
            10R405:M0007208 x 10R1364:0034803        10R1364:0034803: [10r/gimmel/16.8-[575]]
                 11R305:W0044112 x 11R3216:0027109        11R3216:0027109: [11r/aleph/19.8-[1114]]
                 11R305:W0044115 x 11R3216:0027108        11R3216:0027108: [11r/aleph/19.8-[1112]]
                 11R405:M0044602 x 11R3216:0027102        11R3216:0027102: [11r/aleph/19.8-[1113]]
                 11R405:M0050709 x 11R3216:0027102        11R3216:0027102: [11r/aleph/19.8-[1113]]
                 11R405:M0050712 x 11R3216:0027110        11R3216:0027110: [11r/aleph/19.8-[1115]]
                     12R405:M0009314 x 12R3469:0032007        12R3469:0032007: [12r/aleph/9.8-[2112]]
                     12R405:M0011109 x 12R3469:0032006        12R3469:0032006: [12r/aleph/9.8-[2110]]
                         12N405:M0039612 x 12N4048:0034110
                         14R405:M0001610 x 14R4048:0026106        14R4048:0026106: [14r/bet/23.8-[2366]]
                         14R405:M0001611 x 14R4048:0026106        14R4048:0026106: [14r/bet/23.8-[2366]]
                         14R405:M0001813 x 14R4048:0026106        14R4048:0026106: [14r/bet/23.8-[2366]]
       06R200:S0I10114 x 06R0033:0003308
       06R300:W00I6005 x 06R0033:0003311
            06N301:W0008108 x 06N1334:0018011
            06N301:W0008402 x 06N1334:0018012
                 09R301:W0043108 x 09R2927:0028210
```

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                09R301:W0045205 x 09R2927:0028214        09R2927:0028214: [09r/bet/12.9-[490]]
                    10R305:W0004513 x 10R1335:0034905        10R1335:0034905: [10r/gimmel/16.8-[579]]
                        11R305:W0049408 x 11R3211:0027006        11R3211:0027006: [11r/aleph/19.8-[1116]]
                        11R305:W0049418 x 11R3211:0027004        11R3211:0027004: [11r/aleph/19.8-[1108]]
                        11R305:W0050617 x 11R3211:0027004        11R3211:0027004: [11r/aleph/19.8-[1108]]
                            11N205:S0035507 x 11N3468:0020602
                            11N305:W0033809 x 11N3468:0020602
                            11N305:W0033809 x 11N3468:0020603
                            11N305:W0034102 x 11N3468:0020608
                                12R305:W0010706 x 12R3656:0031905        12R3656:0031905: [12r/aleph/9.8-[2094]]
                                12R305:W0010710 x 12R3656:0031907        12R3656:0031907: [12r/aleph/9.8-[2118]]
                                13R3656:0009901 x 13R3656:0009901        13R3656:0009901: [13r/bet/6.8-[1793]]
    13R3656:0009901: [13r/bet/6.8-[1793]]
                                13R3656:0009902 x 13R3656:0009902
                                13R3656:0009907 x 13R3656:0009906
                                14R3656:0014802 x 14R3656:0014806        14R3656:0014806: [14r/bet/22.8-[2246]]
                                14R3656:0014803 x 14R3656:0014806        14R3656:0014806: [14r/bet/22.8-[2246]]
                                14R3656:0014813 x 14R3656:0014806        14R3656:0014806: [14r/bet/22.8-[2246]]
                                14R3656:0014817 x 14R3656:0014806        14R3656:0014806: [14r/bet/22.8-[2246]]
                                14R3656:0014818 x 14R3656:0014806        14R3656:0014806: [14r/bet/22.8-[2246]]
                                14R3656:0014819 x 14R3656:0014806        14R3656:0014806: [14r/bet/22.8-[2246]]
                                14R505:B0002009 x 14R3656:0014806        14R3656:0014806: [14r/bet/22.8-[2246]]
                                14R505:B0002512 x 14R3656:0014806        14R3656:0014806: [14r/bet/22.8-[2246]]
                            11N305:W0034104 x 11N3468:0020607
                    10R305:W0004517 x 10R1335:0034907        10R1335:0034907: [10r/gimmel/16.8-[580]]
                    10R305:W0004518 x 10R1335:0034902        10R1335:0034902: [10r/gimmel/16.8-[578]]
                09R301:W0045210 x 09R2927:0028213
        06R300:W00I8906 x 06R0033:0003308
            06N301:W0033205 x 06N1288:0018101
        06R400:M00I8513 x 06R0033:0003308
            06N201:S0011010 x 06N1297:0022602
            06N401:M0010905 x 06N1297:0022602
            06N401:M0012507 x 06N1297:0022608
            06N401:M0024003 x 06N1297:0022602
            06N401:M0024304 x 06N1297:0022609
```