% this is ../../crops/18r/planning/current_pedigrees/secondary_dominants/les-n2418-_b73ag32
% generated Friday, June 01, 2018 at 21:28:50 UTC (=1527888530.984316) 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.

% B73/AG32/Les*-N2418-

```
 06R0085:0000000 x 06R0085:0000000
       06R200:S00I6615 x 06R0085:0008510
       06R300:W00I6003 x 06R0085:0008510
             06N201:S0007404 x 06N1430:0019002
             06N301:W0024505 x 06N1430:0019002
             06N301:W0033207 x 06N1430:0019002
             06N301:W0033804 x 06N1430:0019006
       06R300:W00I6906 x 06R0085:0008501
             06N201:S0014001 x 06N1431:0019112
             06N201:S0014105 x 06N1431:0019103
                   07R201:S0025014 x 07R2966:0090715
                   07R201:S0026713 x 07R2966:0090713
                         09R201:S0040806 x 09R1472:0029901
                               10R205:S0010602 x 10R2263:0036901          10R2263:0036901: [10r/gimmel/16.8-[621]]
                               10R205:S0010606 x 10R2263:0036908          10R2263:0036908: [10r/gimmel/16.8-[623]]
                                     11R205:S0051808 x 11R3278:0055203        11R3278:0055203: [11r/aleph/18.8-[1024]]
                                     11N205:S0031513 x 11N3490:0023809
                                           12R503:B0011907 x 12R3701:0036808          12R3701:0036808: [12r/aleph/9.8-[217
5],12r/bet/6.8-[101],12r/bet/8.8-[210]]
                                           13R3701:0010003 x 13R3701:0010003
                                           13R3701:0010005 x 13R3701:0010011          13R3701:0010011: [13r/bet/6.8-[1785,
1786]]
                                           13R3701:0010006 x 13R3701:0010003
                                           13R3701:0010007 x 13R3701:0010003          13R3701:0010007: [13r/bet/6.8-[1788]
]
                                           13R3701:0010011 x 13R3701:0010011          13R3701:0010011: [13r/bet/6.8-[1785,
1786]]   13R3701:0010011: [13r/bet/6.8-[1785,1786]]
                                           13R3701:0010016 x 13R3701:0010016
                                           14R3701:0015203 x 14R3701:0015209          14R3701:0015209: [14r/bet/22.8-[2278
]]
                                           14R3701:0015212 x 14R3701:0015209          14R3701:0015209: [14r/bet/22.8-[2278
]]
                                           14R3701:0015214 x 14R3701:0015209          14R3701:0015209: [14r/bet/22.8-[2278
]]
                                           14R3701:0015217 x 14R3701:0015209          14R3701:0015209: [14r/bet/22.8-[2278
]]
                                     11N205:S0031806 x 11N3490:0023808
                                     11N205:S0039405 x 11N3490:0023804
                                 11R205:S0052005 x 11R3278:0055211
```

```
                  09R201:S0041413 x 09R1472:0029905
                  09R201:S0041715 x 09R1472:0029910
                  09R201:S0056203 x 09R1472:0029912
              07R201:S0026714 x 07R2966:0090715
          06N201:S0014204 x 06N1431:0019111
          06N301:W0007206 x 06N1431:0019112
          06N301:W0009306 x 06N1431:0019103
              07R301:W0019701 x 07R2967:0090809
              07R301:W0030507 x 07R2967:0090803
                  09R301:W0056314 x 09R1797:0030003
                  09R301:W0056601 x 09R1797:0030009
                  09R301:W0056603 x 09R1797:0030004
                      11N305:W0030801 x 11N3230:0023909
                        12R305:W0011002 x 12R3702:0036904
                        12R305:W0011604 x 12R3702:0036901
                          13R4102:0010102 x 13R4102:0010107        13R4102:0010107: [13r/bet/6.8-[1806]]
                          13R4102:0010103 x 13R4102:0010107        13R4102:0010103: [13r/bet/6.8-[1787]]
        13R4102:0010107: [13r/bet/6.8-[1806]]
                          13R4102:0010104 x 13R4102:0010101
                          13R4102:0010106 x 13R4102:0010101
                          13R4102:0010110 x 13R4102:0010107        13R4102:0010107: [13r/bet/6.8-[1806]]
                          14R4102:0015301 x 14R4102:0015305        14R4102:0015305: [14r/bet/22.8-[2289]]
                          14R4102:0015303 x 14R4102:0015305        14R4102:0015305: [14r/bet/22.8-[2289]]
                          14R4102:0015306 x 14R4102:0015305        14R4102:0015305: [14r/bet/22.8-[2289]]
                          14R4102:0015307 x 14R4102:0015305        14R4102:0015305: [14r/bet/22.8-[2289]]
                          14R505:B0002016 x 14R4102:0015305        14R4102:0015305: [14r/bet/22.8-[2289]]
                      11N305:W0030802 x 11N3230:0023904
                      11N305:W0034405 x 11N3230:0023903
                  09R301:W0056615 x 09R1797:0030012
          06N301:W0009309 x 06N1431:0019111
          06N301:W0009611 x 06N1431:0019103
          06N301:W0009612 x 06N1431:0019111
          06N301:W0024805 x 06N1431:0019108
          06N401:M0012403 x 06N1431:0019111
          06N401:M0012603 x 06N1431:0019103
              07R401:M0031202 x 07R2969:0090901
              07R401:M0031211 x 07R2969:0090908
                  09R201:S0056205 x 09R2092:0030113
                  09R301:W0052103 x 09R2092:0030113
                  09R401:M0041504 x 09R2092:0030113
                  09R401:M0042106 x 09R2092:0030114
                  09R401:M0045406 x 09R2092:0030112        09R2092:0030112: [09r/gimmel/13.9-[183]]
                      10R405:M0001909 x 10R2264:0037103      10R2264:0037103: [10r/gimmel/16.8-[625,642]]
                        14R405:M0001107 x 14R3279:0027501      14R3279:0027501: [14r/bet/23.8-[2397]]
                          15R405:M0001109 x 15R4365:0019911        15R4365:0019911: [15r/bet/8.8-[2601]]
                          15R405:M0001110 x 15R4365:0019911        15R4365:0019911: [15r/bet/8.8-[2601]]
                          15R405:M0001115 x 15R4365:0019911        15R4365:0019911: [15r/bet/8.8-[2601]]
```

```
                        15R405:M0001414 x 15R4365:0019903            15R4365:0019903: [15r/bet/8.8-[2614]]
                        15R405:M0001416 x 15R4365:0019903            15R4365:0019903: [15r/bet/8.8-[2614]]
                        15R405:M0001509 x 15R4365:0019912
                        15R405:M0001510 x 15R4365:0019912
                        15R405:M0001511 x 15R4365:0019912
                   14R405:M0001110 x 14R3279:0027501          14R3279:0027501: [14r/bet/23.8-[2397]]
                10R405:M0008107 x 10R2264:0037104      10R2264:0037104: [10r/gimmel/16.8-[626,638]]
            09R401:M0056402 x 09R2092:0030113
       06R400:M00I6506 x 06R0085:0008501
```