

% this is ../../crops/18r/planning/current_pedigrees/primary_dominants/les20-n2459-k68600_w23
% generated Friday, June 01, 2018 at 21:28:51 UTC (=1527888531.152837) 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-N2459-K68600

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15R0686:0000000 x 15R0686:0000000
  15R205:S0002313 x 15R0686:0015307      15R0686:0015307: [15r/bet/15.8-[2786]]
  15R205:S0002411 x 15R0686:0015307      15R0686:0015307: [15r/bet/15.8-[2786]]
    16R205:S0002617 x 16R4522:0013106
    17R205:S0003414 x 17R4522:0019419      17R4522:0019419: [17r/bet/2.8-[449]]
    17R205:S0003611 x 17R4522:0019419      17R4522:0019419: [17r/bet/2.8-[449]]
    17R205:S0003706 x 17R4522:0019419      17R4522:0019419: [17r/bet/2.8-[449]]
  15R205:S0002505 x 15R0686:0015302      15R0686:0015302: [15r/bet/15.8-[2742]]
    16R205:S0000610 x 16R4519:0012802      16R4519:0012802: [16r/gimmel/28.7-[190]]
    16R205:S0002715 x 16R4519:0012802      16R4519:0012802: [16r/gimmel/28.7-[190]]
    16R205:S0002716 x 16R4519:0012802      16R4519:0012802: [16r/gimmel/28.7-[190]]
  15R205:S0002510 x 15R0686:0015307      15R0686:0015307: [15r/bet/15.8-[2786]]
  15R205:S0002512 x 15R0686:0015302      15R0686:0015302: [15r/bet/15.8-[2742]]
  15R305:W0002805 x 15R0686:0015302      15R0686:0015302: [15r/bet/15.8-[2742]]
    16R305:W0002809 x 16R4520:0012911      16R4520:0012911: [16r/gimmel/28.7-[221]]
    16R305:W0003004 x 16R4520:0012909      16R4520:0012909: [16r/gimmel/28.7-[205]]
    16R305:W0003005 x 16R4520:0012909      16R4520:0012909: [16r/gimmel/28.7-[205]]
    16R305:W0003006 x 16R4520:0012908      16R4520:0012908: [16r/gimmel/28.7-[218]]
      17R305:W0003918 x 17R4566:0019209      17R4566:0019209: [17r/bet/2.8-[444]]
      17R305:W0004010 x 17R4566:0019212      17R4566:0019212: [17r/bet/2.8-[432]]
      17R405:M0004404 x 17R4566:0019208      17R4566:0019208: [17r/bet/2.8-[426]]
      17R405:M0004405 x 17R4566:0019215      17R4566:0019215: [17r/bet/2.8-[433]]
      17R405:M0004408 x 17R4566:0019209      17R4566:0019209: [17r/bet/2.8-[444]]
      17R405:M0004409 x 17R4566:0019209      17R4566:0019209: [17r/bet/2.8-[444]]
      17R405:M0004411 x 17R4566:0019212      17R4566:0019212: [17r/bet/2.8-[432]]
      17R405:M0004704 x 17R4566:0019208      17R4566:0019208: [17r/bet/2.8-[426]]
      17R405:M0004705 x 17R4566:0019208      17R4566:0019208: [17r/bet/2.8-[426]]
      17R405:M0004709 x 17R4566:0019208      17R4566:0019208: [17r/bet/2.8-[426]]
      17R405:M0004710 x 17R4566:0019212      17R4566:0019212: [17r/bet/2.8-[432]]
      17R405:M0004712 x 17R4566:0019212      17R4566:0019212: [17r/bet/2.8-[432]]
    16R305:W0003008 x 16R4520:0012908      16R4520:0012908: [16r/gimmel/28.7-[218]]
  15R305:W0003105 x 15R0686:0015307      15R0686:0015307: [15r/bet/15.8-[2786]]
  15R305:W0003106 x 15R0686:0015307      15R0686:0015307: [15r/bet/15.8-[2786]]
    16R305:W0001415 x 16R4523:0013207      16R4523:0013207: [16r/gimmel/28.7-[214]]
    16R305:W0001416 x 16R4523:0013207      16R4523:0013207: [16r/gimmel/28.7-[214]]
      17R305:W0003805 x 17R4567:0019510      17R4567:0019510: [17r/bet/2.8-[439]]
      17R305:W0003901 x 17R4567:0019517      17R4567:0019517: [17r/bet/2.8-[436]]
      17R305:W0003914 x 17R4567:0019510      17R4567:0019510: [17r/bet/2.8-[439]]
      17R305:W0003916 x 17R4567:0019510      17R4567:0019510: [17r/bet/2.8-[439]]
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16R305:W0001505 x 16R4523:0013207
15R305:W0003111 x 15R0686:0015307
15R305:W0003113 x 15R0686:0015302
15R305:W0003114 x 15R0686:0015307
15R405:M0001106 x 15R0686:0015307
15R405:M0001113 x 15R0686:0015307
15R405:M0001601 x 15R0686:0015307
17R405:M0004212 x 17R4524:0019609
17R405:M0004305 x 17R4524:0019609
17R405:M0004306 x 17R4524:0019609
17R405:M0004307 x 17R4524:0019603
17R405:M0004309 x 17R4524:0019603
17R405:M0004310 x 17R4524:0019603
15R405:M0003411 x 15R0686:0015302
17R405:M0004302 x 17R0686:0019306
17R405:M0004401 x 17R0686:0019302
17R405:M0004403 x 17R0686:0019302
17R405:M0004711 x 17R0686:0019306
17R405:M0004713 x 17R0686:0019306
17R405:M0004714 x 17R0686:0019302

16R4523:0013207: [16r/gimmel/28.7-[214]]
15R0686:0015307: [15r/bet/15.8-[2786]]
15R0686:0015302: [15r/bet/15.8-[2742]]
15R0686:0015307: [15r/bet/15.8-[2786]]
15R0686:0015307: [15r/bet/15.8-[2786]]
15R0686:0015307: [15r/bet/15.8-[2786]]
15R0686:0015307: [15r/bet/15.8-[2786]]
17R4524:0019609: [17r/bet/2.8-[430]]
17R4524:0019609: [17r/bet/2.8-[430]]
17R4524:0019609: [17r/bet/2.8-[430]]
17R4524:0019603: [17r/bet/2.8-[446]]
17R4524:0019603: [17r/bet/2.8-[446]]
17R4524:0019603: [17r/bet/2.8-[446]]
15R0686:0015302: [15r/bet/15.8-[2742]]
17R0686:0019306: [17r/bet/2.8-[429]]
17R0686:0019302: [17r/bet/2.8-[438]]
17R0686:0019302: [17r/bet/2.8-[438]]
17R0686:0019306: [17r/bet/2.8-[429]]
17R0686:0019306: [17r/bet/2.8-[429]]
17R0686:0019302: [17r/bet/2.8-[438]]