% this is ../../crops/18r/planning/current_pedigrees/primary_recessives/lls1121d-k5300_lls1121d
% generated Friday, June 01, 2018 at 21:28:50 UTC (=1527888530.926942) 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.

% lls1 121D/lls1 121D-K5300

```
 06R0053:0000000 x 06R0053:0000000
      06R0053:0005309 x 06R0053:0005302
          11N305:W0035307 x 11N1932:0027601
              12R3530:0015606 x 12R3530:0015606
                  12N305:W0041404 x 12N3879:0002502
                  12N305:W0041406 x 12N3879:0002502
                  12N305:W0041703 x 12N3879:0002502
                  12N305:W0041705 x 12N3879:0002502
              12R3530:0015607 x 12R3530:0015607
                  12N305:W0042303 x 12N3880:0002609          12N3880:0002609: [12n/bet/6.1-[393,396]]
                  12N305:W0043203 x 12N3880:0002601          12N3880:0002601: [12n/bet/6.1-[391,392]]
                  12N305:W0043204 x 12N3880:0002601          12N3880:0002601: [12n/bet/6.1-[391,392]]
                      13R4063:0014502 x 13R4063:0014502
                          15R305:W0002701 x 15R4211:0005516
                              16R4463:0003902 x 16R4463:0003902
                              16R4463:0003904 x 16R4463:0003904
                              16R4463:0003907 x 16R4463:0003907
                          15R305:W0002809 x 15R4211:0005516
                      13R4063:0014506 x 13R4063:0014506
                      13R4063:0014507 x 13R4063:0014507
              12R3530:0015611 x 12R3530:0015611
              12R3530:0015614 x 12R3530:0015614
          11N405:M0032104 x 11N1932:0027607
              12R3531:0015702 x 12R3531:0015702
                  12N405:M0042603 x 12N3881:0002707          12N3881:0002707: [12n/bet/6.1-[397,398]]
                  12N405:M0042605 x 12N3881:0002707          12N3881:0002707: [12n/bet/6.1-[397,398]]
                      13R4064:0014604 x 13R4064:0014604
                          15R405:M0003617 x 15R4213:0005618          15R4213:0005618: [15r/bet/15.8-[2752]]
                          15R405:M0003710 x 15R4213:0005618          15R4213:0005618: [15r/bet/15.8-[2752]]
                              16R4464:0004001 x 16R4464:0004001
                              16R4464:0004002 x 16R4464:0004002
                              16R4464:0004010 x 16R4464:0004010
                          15R405:M0003911 x 15R4213:0005618          15R4213:0005618: [15r/bet/15.8-[2752]]
                      13R4064:0014606 x 13R4064:0014606
                      13R4064:0014611 x 13R4064:0014611
                  12R3531:0015703 x 12R3531:0015703
                  12R3531:0015704 x 12R3531:0015704
          11N405:M0032406 x 11N1932:0027610
          12N205:S0035801 x 12N1932:0002303          12N1932:0002303: [12n/bet/6.1-[385,386]]
```

```
                13R4062:0014403 x 13R4062:0014403
                    14R205:S0000305 x 14R4209:0005418
                        15R4337:0006301 x 15R4337:0006301
                        15R4337:0006302 x 15R4337:0006302
                        15R4337:0006305 x 15R4337:0006305
                        15R4337:0006307 x 15R4337:0006307
                        15R4337:0006312 x 15R4337:0006312
                    14R205:S0000309 x 14R4209:0005418
                    14R205:S0000312 x 14R4209:0005418
                13R4062:0014406 x 13R4062:0014406
                13R4062:0014412 x 13R4062:0014412
            12N205:S0036402 x 12N1932:0002313          12N1932:0002313: [12n/bet/6.1-[389,390]]
            12N205:S0036408 x 12N1932:0002307
            12N205:S0037301 x 12N1932:0002308
            12N205:S0037306 x 12N1932:0002312          12N1932:0002312: [12n/bet/6.1-[387,388]]
            12R305:W0007104 x 12R1932:0045704          12R1932:0045704: [12r/aleph/9.8-[217]]
        06R0053:0005312 x 06R0053:0005311
```