```
•Horcal_Hcv1.av93.c11.g899.i1 | MFS 1.HG13.0:NA | NA |
                                   •Horcal Hcv1.av93.c8.g486.i1 | MFS 1.HG13.0:NA | NA |
                              •Horcal Hcv1.av93.c1.g1395.i1 | MFS 1.HG13.0:NA | NA |
                   "Horcal_Hcv1.av93.c4.g799.i1 | MFS_1.HG13.0:NA | NA |
     100
                <sup>100</sup> Horcal_Hcv1.av93.c4.g799.i2 | MFS_1.HG13.0:NA | NA |
                                   Horcal Hcv1.av93.c8.g288.i2 | MFS 1.HG13.0:NA | NA |
         95
                                <sup>100</sup> Horcal_Hcv1.av93.c8.g288.i1 | MFS_1.HG13.0:NA | NA |
                   100
                                  •Horcal_Hcv1.av93.c2.g50.i1 | MFS_1.HG13.0:NA | NA |
                                  Horcal_Hcv1.av93.c10.g465.i2 | MFS_1.HG13.0:NA | NA |
                                   Horcal_Hcv1.av93.c10.g465.i1 | MFS_1.HG13.0:NA | NA |
 99
                                  <sup>71</sup> Horcal_Hcv1.av93.c10.g465.i3 | MFS_1.HG13.0:NA | NA |
                •Coemet_Cmet_C602623_01 | MFS_1.HG13.0:NA | NA |
        100
              Vmul_Simscaffold9961_01 | MFS_1.HG13.0:NA | NA |
                    Coemet_Cmet_C563811_01 | MFS_1.HG13.0:NA | NA |
                     •Vmul_SimC401456 | MFS_1.HG13.0:NA | NA |
            100
               98
                        Coemet Cmet C593157 01 | MFS 1.HG13.0:NA | NA |
                            -Coemet_Cmet_C600175_01 | MFS_1.HG13.0:NA | NA |
       82
   90
                 100
                             •Coemet_Cmet_C599439_01 | MFS_1.HG13.0:NA | NA |
                    88
              100
                     Coemet Cmet scaffold9897 01 | MFS 1.HG13.0:NA | NA |
           82
                           •Coemet_Cmet_scaffold7114_01 | MFS_1.HG13.0:NA | NA |
                  100
     69
                           rCoemet_Cmet_scaffold9466_01 | MFS_1.HG13.0:NA | NA |
                     100
                        <sup>100</sup> Coemet_Cmet_scaffold9467_01 | MFS_1.HG13.0:NA | NA |
                Lampan_Lpan_C416315_01 | MFS_1.HG13.0:NA | NA |
                    Beraby Baby sb346158 | MFS 1.HG13.0:NA | NA |
                 <sup>100</sup> Beraby_Baby_sb346159 | MFS_1.HG13.0:NA | NA |
       90
                       •Mlei_ML3434.g30.i1 | MFS_1.HG13.0:NA | NA |
                        •Mlei_ML1563.g3.i1 | MFS_1.HG13.0:NA | NA |
              100
         100
                      •Bolinf_Binf_sb1213887 | MFS_1.HG13.0:NA | NA |
                          •Mlei ML0149.g11.i1 | MFS 1.HG13.0:NA | NA |
            93
                             100
                          <sup>100</sup>-Vmul_sbMO405583 | MFS_1.HG13.0:NA | NA |
                           85
                               Beraby Baby sb332681 | MFS 1.HG13.0:NA | NA |
                   100
                         100
                               Bolinf Binf sb1244189 | MFS 1.HG13.0:NA | NA |
                         rVmul_sbMO424813 | MFS_1.HG13.0:NA | NA |
                91
                      <sup>100</sup> Mlei_ML0632.g4.i1 | MFS_1.HG13.0:NA | NA |
                             Bolinf_Binf_sb1273787 | MFS_1.HG13.0:NA | NA |
                  98
                           88<sup>1</sup>Bolinf_Binf_sb1273786 | MFS_1.HG13.0:NA | NA |
                             Bolinf Binf sb1273784 | MFS 1.HG13.0:NA | NA |
                               Bolinf_Binf_sb1273783 | MFS_1.HG13.0:NA | NA |
                                 Bolinf_Binf_sb1273782 | MFS_1.HG13.0:NA | NA |
                                   Bolinf_Binf_sb1273789 | MFS_1.HG13.0:NA | NA |
                                     Bolinf Binf sb1273785 | MFS 1.HG13.0:NA | NA |
                                       Bolinf Binf sb1273788 | MFS 1.HG13.0:NA | NA |
                                    •Coemet_Cmet_scaffold22133_01 | MFS_1.HG13.1:NA | NA |
                          100
                                   •Vmul_Simscaffold14550_01 | MFS_1.HG13.1:NA | NA |
                              •Vmul_sbMO426775 | MFS_1.HG13.3:NA | NA |
                   100
                          Coemet_Cmet_C577338_01 | MFS_1.HG13.3:NA | NA |
                                  •Coemet_Cmet_C600693_01 | MFS_1.HG13.15:NA | NA |
               100
                                  •Vmul_Simscaffold6386_01 | MFS_1.HG13.10:NA | NA |
   100
                   98
                        98
                                     •Coemet_Cmet_C599887_01 | MFS_1.HG13.10:NA | NA |
                     100
                                <u>r</u>Coemet_Cmet_scaffold12551_01 | MFS_1.HG13.11:NA | NA |
                        100
                               <sup>100</sup> Coemet_Cmet_scaffold12552_01 | MFS_1.HG13.11:NA | NA |
       99
                         Bolinf_Binf_sb1207891 | MFS_1.HG13.4:NA | NA |
                      <sup>1001</sup>-Bolinf_Binf_sb1207892 | MFS_1.HG13.4:NA | NA |
                                 •Horcal_Hcv1.av93.c2.g543.i1 | MFS_1.HG13.7:NA | NA |
                              •Mlei_ML0053.g39.i1 | MFS_1.HG13.7:NA | NA |
                    100
                        100
                             •Bolinf Binf sb1219005 | MFS 1.HG13.7:NA | NA |
             92
         99
                              Lampan Lpan C411207 01 | MFS 1.HG13.7:NA | NA |
                                    •Vmul_sbMO405231 | MFS_1.HG13.7:NA | NA |
                 100
                      100
                                   Coemet Cmet scaffold12103 01 | MFS 1.HG13.7:NA | NA |
           92
                              •Mlei_ML2784.g1.i1 | MFS_1.HG13.12:NA | NA |
                                 Horcal_Hcv1.av93.c12.g424.i2 | MFS_1.HG13.12:NA | NA |
                   100
                                   <sub>s</sub>Horcal_Hcv1.av93.c12.g424.i1 | MFS_1.HG13.12:NA | NA |
                                 •Horcal_Hcv1.av93.c7.g446.i1 | MFS_1.HG13.13:NA | NA |
             100
                           Bolinf Binf sb1192700 | MFS 1.HG13.13:NA | NA |
                         <sup>91</sup> Bolinf_Binf_sb1192698 | MFS_1.HG13.13:NA | NA |
                100
                               •Lampan_Lpan_C418045_01 | MFS_1.HG13.13:NA | NA |
                               -Lampan_Lpan_4969_01 | MFS_1.HG13.13:NA | NA |
 99
                       99
                              Lampan Lpan C408073 01 | MFS 1.HG13.13:NA | NA |
                   92
                             Bolinf Binf sb1213714 | MFS 1.HG13.13:NA | NA |
                                •Beraby_Baby_sb349180 | MFS_1.HG13.13:NA | NA |
                     96
                                    <sub>!</sub>Beraby_Baby_sb349643 | MFS_1.HG13.13:NA | NA |
                        98
                                  <sup>801</sup>Beraby_Baby_sb349644 | MFS_1.HG13.13:NA | NA |
                                     Beraby_Baby_sb349645 | MFS_1.HG13.13:NA | NA |
                                  <sup>1001</sup>Beraby_Baby_sb349646 | MFS_1.HG13.13:NA | NA |
                        Lampan_Lpan_10975_01 | MFS_1.HG13.16:NA | NA |
                           •Mlei_ML1893.g4.i1 | MFS_1.HG13.2:NA | NA |
                 99
                          -Lampan_Lpan_C416575_01 | MFS_1.HG13.2:NA | NA |
                               •Horcal_Hcv1.av93.c5.g288.i1 | MFS_1.HG13.2:NA | NA |
          100
                             •Horcal_Hcv1.av93.c1.g490.i1 | MFS_1.HG13.2:NA | NA |
                      100
                               •Horcal_Hcv1.av93.c2.g1030.i1 | MFS_1.HG13.2:NA | NA |
             92
                                 •Coemet_Cmet_C602619_01 | MFS_1.HG13.2:NA | NA |
                                •Vmul_Simscaffold6706_01 | MFS_1.HG13.2:NA | NA |
                         Coemet_Cmet_scaffold20646_01 | MFS_1.HG13.2:NA | NA |
               93
                   100
                          95
                               •Coemet_Cmet_scaffold10113_01 | MFS_1.HG13.2:NA | NA |
                      99
                                     •Vmul_SimC384714 | MFS_1.HG13.2:NA | NA |
                                 •Lampan_Lpan_15822_01 | MFS_1.HG13.5:NA | NA |
                               •Mlei_ML1621.g1.i1 | MFS_1.HG13.5:NA | NA |
               98
                        100
                               •Bolinf_Binf_sb1296892 | MFS_1.HG13.5:NA | NA |
                               •Mlei_ML2732.g22.i1 | MFS_1.HG13.8:NA | NA |
                              Bolinf_Binf_sb1276296 | MFS_1.HG13.8:NA | NA |
          49
                       100
                           <sup>11</sup>Bolinf_Binf_sb1276305 | MFS_1.HG13.8:NA | NA |
             98
                          ·Bolinf_Binf_sb1182820 | MFS_1.HG13.9:NA | NA |
                  100
                              •Bolinf_Binf_sb1216607 | MFS_1.HG13.9:NA | NA |
                               •Mlei_ML2897.g10.i1 | MFS_1.HG13.9:NA | NA |
               97
                                •Beraby_Baby_sb322600 | MFS_1.HG13.9:NA | NA |
                        100
                                   •Mlei_ML4358.g33.i1 | MFS_1.HG13.9:NA | NA |
                   100
                                •Beraby_Baby_sb323903 | MFS_1.HG13.9:NA | NA |
       100
                                  Beraby_Baby_sb349787 | MFS_1.HG13.9:NA | NA |
                                     •Beraby_Baby_sb330417 | MFS_1.HG13.9:NA | NA |
                          Beraby_Baby_sb340721 | MFS_1.HG13.6:NA | NA |
                         •Bolinf_Binf_sb1222181 | MFS_1.HG13.6:NA | NA |
                     99
                          100
                  100
                              Bolinf_Binf_sb1264556 | MFS_1.HG13.6:NA | NA |
                     100
                           •Bolinf_Binf_sb1182599 | MFS_1.HG13.6:NA | NA |
                99
                            <u>-</u>Mlei_ML1168.g5.i1 | MFS_1.HG13.6:NA | NA |
                               •Mlei_ML4358.g2.i1 | MFS_1.HG13.6:NA | NA |
                   100
           98
                            Mlei ML0343.g17.i1 | MFS 1.HG13.6:NA | NA |
                         <sup>100</sup> Vmul_sbMO433681 | MFS_1.HG13.6:NA | NA |
                     •Bolinf_Binf_sb1265933 | MFS_1.HG13.17:NA | NA |
                        •Bolinf_Binf_sb1183128 | MFS_1.HG13.18:NA | NA |
                                 •Horcal_Hcv1.av93.c11.g947.i1 | MFS_1.HG13.14:NA | NA |
             45
                                  •Horcal_Hcv1.av93.c11.g807.i1 | MFS_1.HG13.14:NA | NA |
                   91
               83
                             •Horcal_Hcv1.av93.c11.g805.i1 | MFS_1.HG13.14:NA | NA |
                      100
                                <sub>f</sub>Horcal_Hcv1.av93.c11.g804.i1 | MFS_1.HG13.14:NA | NA |
                        83
                              <sup>1001</sup>Horcal_Hcv1.av93.c11.g803.i1 | MFS_1.HG13.14:NA | NA |
                 84
                          •Beraby_Baby_sb340388 | MFS_1.HG13.14:NA | NA |
                             •Mlei_ML1314.g5.i1 | MFS_1.HG13.14:NA | NA |
                             Bolinf Binf sb1221554 | MFS 1.HG13.14:NA | NA |
                   96
                                 Bolinf Binf sb1301230 | MFS 1.HG13.14:NA | NA |
                                  •Mlei_ML1509.g10.i1 | MFS_1.HG13.14:NA | NA |
                     95
                          100
                             100
                                  •Mlei_ML1509.g11.i1 | MFS_1.HG13.14:NA | NA |
                                  •Mlei_ML2954.g1.i1 | MFS_1.HG13.14:NA | NA |
                            100
                                 Bolinf Binf sb1218810 | MFS 1.HG13.14:NA | NA |
                                 •Mlei ML2954.g2.i1 | MFS 1.HG13.14:NA | NA |
                         100
                                    Bolinf Binf sb1259713 | MFS 1.HG13.14:NA | NA |
                            100
                                  <sup>651</sup>Bolinf_Binf_sb1259714 | MFS_1.HG13.14:NA | NA |
                                     Bolinf Binf sb1259715 | MFS 1.HG13.14:NA | NA |
                                  <sup>100</sup> Bolinf Binf sb1259716 | MFS 1.HG13.14:NA | NA |
0.416667
```