```
•Aque Aqu2.1.27833 001 | CaMKII.HG1.0:like:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
                                Tetwil_g10957.t2 | CaMKII.HG1.0:like:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
                                -Emue Em0012g965a.t1 | CaMKII.HG1.0:like:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
                                 -Vmul Simscaffold2891 01 | CaMKII.HG1.0:like:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
                                     Coemet Cmet scaffold21144 01 | CaMKII.HG1.0:like:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
                                      -Horcal Hcv1.av93.c3.g1174.i3 | CaMKII.HG1.0:like:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
                        100
                                    Horcal Hcv1.av93.c3.g1174.i1 | CaMKII.HG1.0:like:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
                                  81 Horcal Hcv1.av93.c3.g1174.i2 | CaMKII.HG1.0:like:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
                   Ocar_g3885 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                 Tetwil g9539.t1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G
                  Ague Agu2.1.41582 001 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                     Horcal Hcv1.av93.c4.g9.i1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                   Horcal Hcv1.av93.c4.g9.i3 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
54
                         -Beraby Baby sb323855 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                     99<sup>1</sup>•Mlei ML3530.g9.i1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                           -Vmul SimC401360 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G
                      65 Coemet Cmet scaffold562 01 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                                      -Scil scict019572.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                                    -Gracom Gcom C556062 01 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                                •Gracom Gcom C555566 01 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                                   Scil_scict004782.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                                  •Scil scict026132.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                                       Gracom Gcom scaffold18796 01 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
           Dgig_XM_028541386.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
        Dgig XM 028554466.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
               •Hvul g17198 1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                •Nemnom g15530.t1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
               -Morvir scaffold271.g3.t1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G
               Exapal XM 021047072.2 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
              •Nvec v1g157808 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
             Spis XP 022779812 1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
         100
             -Adig XM 015922066.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
   76
             •Nvec v1g220432 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                 Exapal XM 021047083.2 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
             Spis XP 022783573 1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
              Adig XM 015909051.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                --HoiH23_PIH23_003106-RA | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                 TrH2 TrispH2 000247-RA | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
               100 - Tadh TriadT50756 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
               Bralan BLAG15000858 1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
  49
                           •Emue Em0012g78a.t1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
            Skow XM 002734650.2 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
              Spur XM 030982321.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
     45
                ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA184782 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                        Spur XM 030979287.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
          23
                                       •Cint ENSCINT00000004087 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G
                           •Cgig XM 034456880.1 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
            13
                        -Dmel FBtr0300379 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
                       -Tcas TC002587 002 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A/CAMK2B/CAMK2D/CAMK2G |
               -Drer ENSDART00000039571 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A |
                Mmus ENSMUST00000025519 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A |
                          •Hsap ENST00000672396 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2A |
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                        •Drer ENSDART00000044896 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2D |
                   •Drer ENSDART00000175481 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | NA |
                         •Drer ENSDART00000133461 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2B |
                           Hsap_ENST00000395749 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2B |
                         100<sup>1</sup>-Mmus ENSMUST00000019133 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2B |
                         Hsap ENST00000423381 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2G |
                       1001-Mmus ENSMUST00000226630 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2G
                          -Drer_ENSDART00000105518 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2G |
                           -Drer ENSDART00000165842 | CaMKII.HG1.1:CAMK2A/CAMK2B/CAMK2D/CAMK2G | CAMK2G |
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