```
-Hsap_ENST00000553533 | STAT.HG1.1:STAT6 | STAT6 |
             100 Mmus_ENSMUST00000092074 | STAT.HG1.1:STAT6 | STAT6
     •Drer_ENSDART00000024832 | STAT.HG1.2:STAT5A/STAT5B | STAT5A/STAT5B |
      -Drer ENSDART00000124638 | STAT.HG1.2:STAT5A/STAT5B | STAT5A/STAT5B |
         Hsap ENST00000345506 | STAT.HG1.2:STAT5A/STAT5B | STAT5A |
      Hsap_ENST00000293328 | STAT.HG1.2:STAT5A/STAT5B | STAT5B |
      100 Mmus ENSMUST00000004143 | STAT.HG1.2:STAT5A/STAT5B | STAT5B
      Cint ENSCINT00000008341 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
          Skow XM 006814881.1 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
          Spur_XM_011683406.2 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
33
                Bralan_BLAG12000847_1 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | NA |
                 -■Tcas_TC013218_001 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
                               •Dmel FBtr0334584 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
                      Cgig XM 034453991.1 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
                        Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA223577 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
                           Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA114078 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
                             Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA168065 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4
                          100 Ctel gnl WGS AMQN CAPTEDRAFT mRNA126200 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
                              Bralan BLAG07001161 1 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1/STAT2/STAT3/STAT4 |
                                             •Drer_ENSDART00000186270 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | NA |
                                               <sup>100</sup> Hsap_ENST00000358470 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT4 |
                                     100
                                                     •Drer ENSDART00000000280 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | NA |
                                                       •Drer ENSDART00000005720 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1 |
                                                     Mmus_ENSMUST00000186057 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT1 |
                                                     •Drer_ENSDART00000104519 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT3 |
                                                        _•Mmus_ENSMUST00000127638 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT3 |
                                                      <sup>100</sup> Hsap ENST00000677421 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT3 |
                                                            •Drer ENSDART00000050682 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT2 |
                                                                   Mmus ENSMUST00000105238 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT2 |
                                                                   -Hsap_ENST00000314128 | STAT.HG1.3:STAT1/STAT2/STAT3/STAT4 | STAT2 |
   Plajan Pjan C569262 01 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                 Aque Aqu2.1.36465 001 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                Tetwil_g23726.t2 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                    Emue_Em0007g369a.t1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
           .■Gracom_Gcom_scaffold5234_01 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA
           -Scil_scict024965.1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                       Scil scict006764.2 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                        Gracom_Gcom_scaffold16138_01 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                    Morvir_scaffold140.g45.t2 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                        Hvul_g5900_1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                     Nemnom_g17774.t1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                  ─■Hvul_g5901_1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
     78
                              100 Hvul_g5898_1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                           Exapal_XM_021038550.2 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                     Dgig_XM_028559550.1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                         Exapal XM 021039417.2 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                Nvec v1g241935 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                         Spis_XP_022788507_1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                         Adig_XM_015903615.1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                                Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA215693 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                                         -Cgig_XM_034446889.1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                                          -Cgig_XM_034446891.1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                                     -Hhon_g00368.t1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                                  -■Tadh_TriadT53920 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                             100 TrispH2_005675-RA | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                           #Hhon g00370.t1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                HoiH23 PIH23 003715-RA | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                  _TrH2_TrispH2_005672-RA | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                <sup>100</sup> Tadh_TriadT53918 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
   33
                                 HoiH23_PIH23_001912-RA | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                  Hhon g09955.t1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                     ■Tadh TriadT52438 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                   100 TrH2 TrispH2 000093-RA | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                               Cint_ENSCINT00000020503 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                    Lampan Lpan 11447 01 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                         Beraby Baby sb350569 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA
                             100
                                     Beraby Baby sb350570 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA
      59
                                          Horcal_Hcv1.av93.c11.g518.i1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                               ■Vmul_Simscaffold7883_01 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                              Coemet_Cmet_scaffold13599_01 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
             99
                               Coemet Cmet scaffold19041 01 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                            100 -Vmul Simscaffold3867_01 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                 Lampan Lpan 8752 01 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                         100
                                           Horcal Hcv1.av93.c6.g516.i2 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                        100 PHorcal_Hcv1.av93.c6.g516.i1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA
                                           Horcal Hcv1.av93.c6.g516.i3 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                           Bolinf Binf sb1282790 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                            Beraby_Baby_sb339283 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                         ______Beraby_Baby_sb339284 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                              -Mlei_ML0984.g4.i1 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
                                         Bolinf Binf sb1273830 | STAT.HG1.0:like:STAT1/STAT2/STAT3/STAT4/STAT5A/STAT5B/STAT6 | NA |
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0.416667