Peak status over 13,774 shared orthologous genes **Species** mMyoVol B2S1-22 mMyoVol B2S1-21 mMyoEvo B1S5-15 mMyoAui B2S1-20 mMyoAui B2S1-17 mMyoAui B2S1-19 mMyoVel B3S1-13 mMyoVel B2S1-4 mMyoVel B2S1-5 mMyoCai W8-MyCa Peak status correlation Species mMyoCai MyoCal2 8.0 mMvoAui mMyoYum B3S1-19 mMyoCai 0.6 mMyoEvo mMyoYum MY2-SW 0.4 mMyoLuc mMyoYum W10-MyYu mMyoOcc 0.2 mMyoLuc B5S4-19 mMyoThy mMyoLuc B5S4-23 mMyoVel mMyoVol mMyoOcc B1S5-21 mMyoYum mMyoOcc B1S5-11 mMyoOcc B1S5-1 mMyoCai B5S4-6 mMyoEvo B1S1-3 mMyoEvo B1S1-2 mMyoVol B1S3-11 mMyoThy B2S1-14 mMyoThy B1S4-6 mMyoLuc B4S3-7 mMyoThy B2S1-16 mMyoEvo B1S5-15 mMyoAui B2S1-20 mMyoEvo B1S1-3 mMyoEvo B1S1-2 mMyoThy B2S1-14 mMyoThy B1S4-6 mMyoLuc B4S3-7 mMyoThy B2S1-16 mMyoVol B2S1-22 mMyoAui B2S1-19 mMyoVel B2S1-5 mMyoCai W8-MyCa mMyoCai MyoCal2 mMyoYum B3S1-19 mMyoVol B2S1-21 mMyoAui B2S1-17 mMyoVel B3S1-13 mMyoYum MY2-SW mMyoYum W10–MyYu mMyoLuc B5S4-19 mMyoLuc B5S4-23 mMyoCai B5S4-6 mMyoVol B1S3-11 mMyoOcc B1S5-21 mMyoOcc B1S5-11 mMyoVel B2S1mMyoOcc B1S5-