



Figure S1 *C4,T4 a* is a weak MSUD suppressor. Ascus development in crosses of the *N. crassa* strains *OR a* and *Sad-1 a*, and the *N. crassa* / *N. tetrasperma* hybrid strain *C4,T4 a* with the MSUD tester strains *::bml A*, *::mei-3 A* and *::r^{ef2}*. Meiotic silencing of the *bml* (β -tubulin) and *mei-3* genes in the crosses with *OR a* disrupts ascus development, whereas its suppression in the crosses with *Sad-1 a* allows normal ascus development. Silencing of *r* in the cross with *OR a* causes all eight ascospores to be round, and its suppression by *Sad-1 a* restores the normal spindle shape. Silencing is evident in crosses of *C4,T4 a* with *::bml A* and *::r^{ef2}A* but not in the cross with *::mei-3 A*. Partial suppression of MSUD by *C4,T4 a* is characteristic of Esm type strains (Ramakrishnan *et al.*, 2011).