



SI Fig. Kmer spectra for raw and filtered sequence data. Distributions show kmer depths ($k = 31$) in raw (grey bars) and filtered (coloured lines) sequence data. Arrows indicate potential secondary and tertiary coverage peaks. The large number of low coverage kmers in the *Rotaria* datasets (particularly *R. magnacalcarata*) indicate substantial levels of polymorphism, most likely due to the sampling approach.