**Element Internal LTR combined boundaries range**  
TY1/Copia 5249 338 5925 5425-6425  
TY2/Copia 5295 332 5958 5458-6458  
TY3/Gypsy 4671 340 5351 4851-5851  
TY3\_1p/Gypsy 4675 365 5405 4905-5905  
TY4/Copia 5484 371 6226 5726-6726  
TY5/Copia 4874 251 5376 4876-5876

**Supplementary file 1.** *S. cerevisiae* TY elements and the sizes (in bp) of internal regions and LTRs and the size boundaries used for filtering.