Supplementary Data for:

The telomeric transcriptome of *Schizosaccharomyces pombe*

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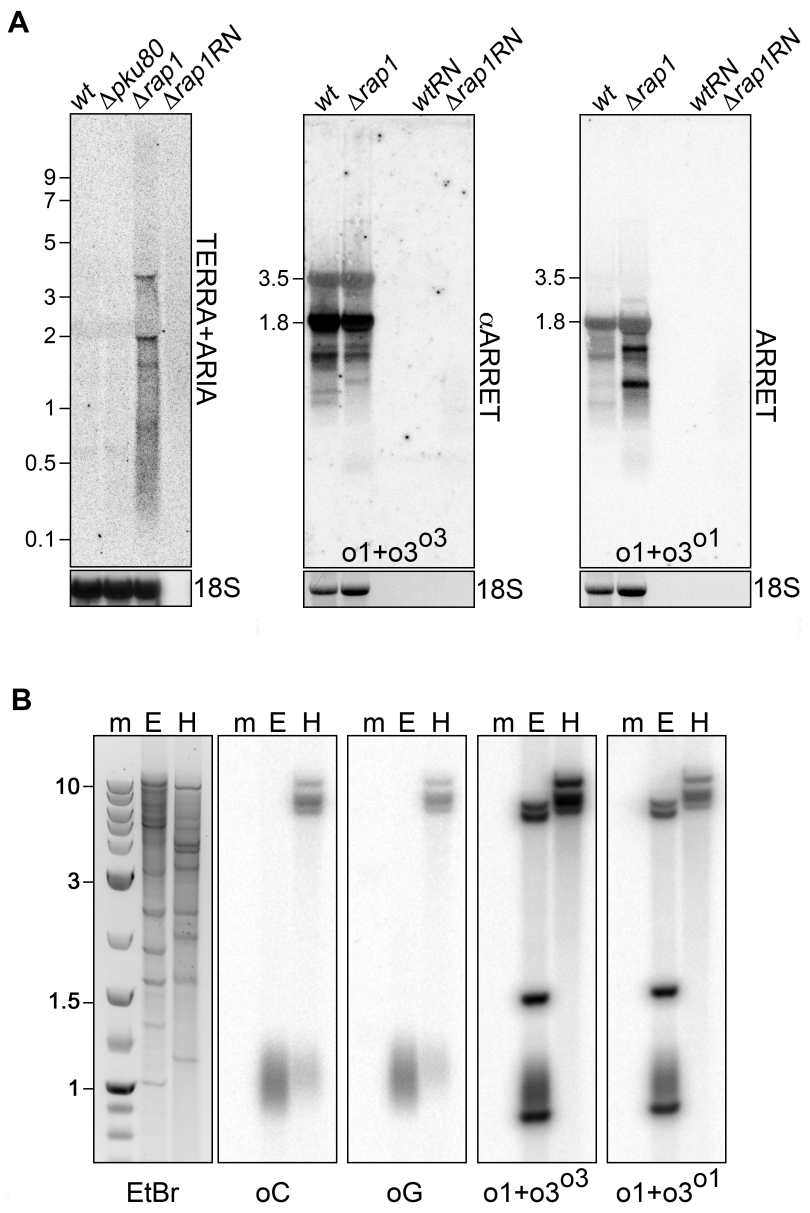

Figure S1. Control experiments for northern blot hybridizations. (**A**) Total RNA isolated from the indicated strains was treated with RNase A or left untreated prior to electrophoresis. RNA was then transferred to nylon membranes and hybridized with a double stranded telomeric probe detecting TERRA and ARIA simultaneously or with o1+o3^{o3} and o1+o3^{o1} probes to detect αARRET and ARRET, respectively. To control for loading and RNase efficiency, 18S rRNA was detected by hybridization or Ethidium Bromide staining. Marker molecular weights are on the left in kb. (**B**) Genomic DNA was prepared from wt yeasts according to standard procedure. DNA was digested with *Eco*RI (E) or *Hind*III (H), electrophoresed and transferred to nylon membranes. Membranes were hybridized using the indicated probes and exposed in parallel. One typical example of Ethidium Bromide (EtBr) stained DNA is shown on the left together with marker molecular weights in kb.

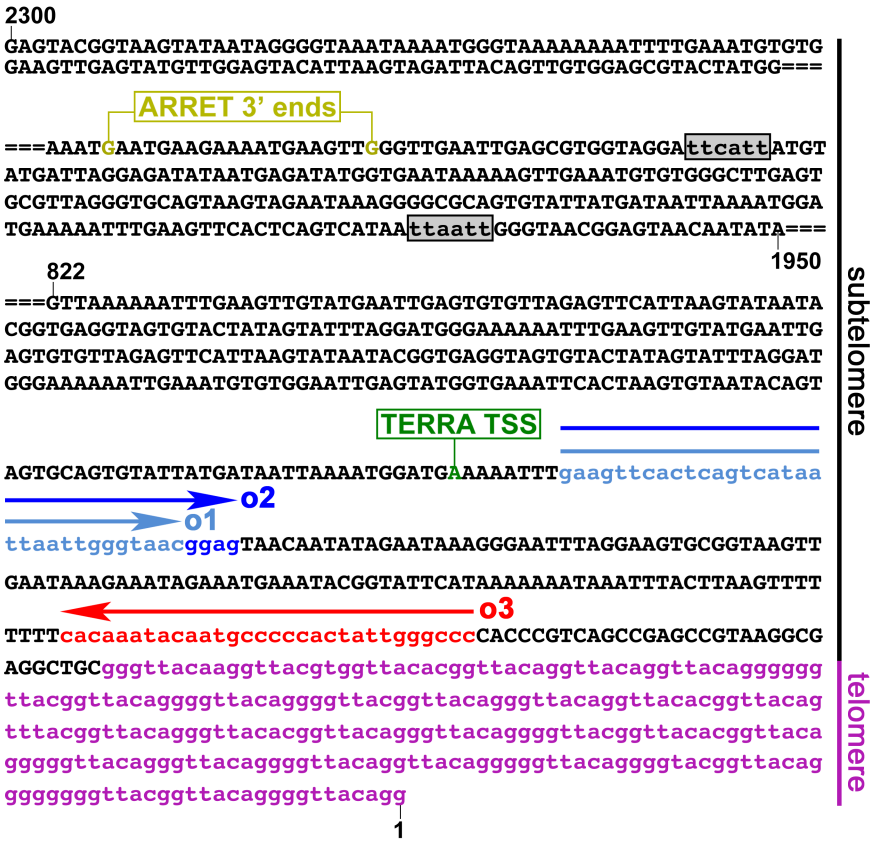

Figure S2. Positions of TERRA TSS, ARRET 3' ends and o1, o2 and o3 oligonucleotides. The sequence of a *S. pombe* chromosome end was extracted from the pNSU70 plasmid (http://www.sanger.ac.uk/Projects/S_pombe/telomeres.shtml). TERRA transcription start site (TSS) is in green; ARRET 3' ends are in yellow. Shaded boxes indicate two putative polyadenylation sites for ARRET. Oligonucleotides used for northern blot and RT-PCR analysis (o1, o2 and o3) are indicated. Numbers refer to the actual numbering of the pNSU70 plasmid sequence.

Supplementary Table S1. Oligonucleotides used in this study

Name	Sequence (5'-3')	Application
o1	GAAGTTCACTCAGTCATAATTAATTGGGTAAC	PCR, RT-PCR, NB
o2	GAAGTTCACTCAGTCATAATTAATTGGGTAACGGAG	PCR, RT-PCR, NB
o3	GGGCCCAATAGTGGGGGCATTGTATTTGTG	PCR, RT-PCR, NB, 3' & 5' RACE
oC	TGTAACCGTGTAACCACGTAACCTTGTAACCC	PCR, RT-PCR, NB, RNA-FISH
oG	GGGTTACAAGGTTACGTGGTTACACGGTTACA	PCR, RT-PCR, NB, RNA-FISH
U6	ATGTCGCAGTGTCATCCTTG	NB
$U6^{IN}$	GTATGACTCGAACCTTGGTAAATATTGTTACTTAC	NB
35/32SA	ATTCCCAAAAAGTTAAAAGATGGAAA	NB
35/32SB	TTAGATATAATTAATTCAGACTTC	NB
18S	TCAATAAAGAACATGAGTAGTTTGCCAGAA	NB
act1	ATCCTTTTGTCCCATACCTACCATAATACC	NB
act1RT-Fw	TGCCGATCGTATGCAAAAGG	RT-PCR, CHIP
act1RT-Rv	CCGCTCTCATCATACTCTTG	RT-PCR, CHIP
Poly(T)	$(T)_{20}$	RT-PCR
o5o	AGCCTCGCCTTACGGCTCGGCTGACGGGTG	5' RACE
o3i	TGAATACCGTATTTCATTTCTATTTCTTTA	3' RACE
TSS-Fw	TATTTCTTTATTCAACTTACCGCACTTC	ChIP
TSS-Rv	CAGTAGTGCAGTGTATTATGATAATTAAAATGG	ChIP

NB: northern blot