

Table S1. Statistics of 3'READS data.

Species	Sample	No. of PAS reads
<i>S. cerevisiae</i>	MM replicate 1	1,174,191
	MM replicate 2	1,253,021
	RM, replicate 1	2,057,269
	RM, replicate 2	1,558,011
<i>S. pombe</i>	RM	3,647,664
	MM	2,702,105
	<i>pab2Δ</i> , RM	4,488,357
	<i>P_{mt1}-pcf11</i> , MM	3,414,864

MM, minimal media; RM, rich media.