

Telomeres that Display TPE

Truncated with a Reporter Gene:

I-L^a, V-R^b, VI-R^c, VII-L^b

Reporter Gene at X-ACS^d:

II-R, III-L, VI-R^e, IX-L, XI-L, XIII-R

Native ORF^f:

I-R^g, III-L, IV-R, V-L, VI-L, VI-R^h, VII-L, VIII-L, IX-R, X-R, XIII-R, XIV-L, XIV-R, XV-L, XVI-R

Telomeres that Do Not Display TPE in any assay

Truncated with a Reporter Gene:

None reported

Reporter Gene at X-ACS or Native ORF:

III-R, IV-L, XI-R, IV-R, XII-L, XII-R, XVI-L

Native ORF (X-ACS not done):

II-L, VII-R, VIII-R, X-L, XIII-L, XV-R

a: C Tuzon and VAZ, unpublished; b: Gottschling *et al* 1990; c: Hediger *et al* 2002

d: defined as greater than 1% TPE; Pryde and Louis 1999 or E. Louis, personal communication

e: Mondoux and Zakian 2007 (submitted)

f: at least 1 ORF within 8 kb of a telomere upregulated 3-fold or more in absence of Sir proteins (Wyrick *et al* 1999)

g: Barton and Kaback 2006; h: Vega-Palas *et al* 2000