

SUPPLEMENTARY TABLE 4
NON RP TOP GENES ANALYZED

GENE	h-s	h-tsp	h-5'n	h-5'is	m-s	m-tsp	m-5'n	m-5'is
<i>eEF1A1</i>	U	<i>a</i>	1027	--	N		1002	129
<i>eEF1B</i>	U	<i>b</i>	1268	--	U	<i>b</i>	998	--
<i>eEF2</i>	N		999	311	N	<i>c</i>	997	475
<i>PABP c1</i>	N	<i>d</i>	378	96	U		287	264
<i>hnRNPA1</i>	U	<i>e</i>	1041	--	U		947	--
<i>B23</i>	N	<i>f</i>	1217	--	U		976	--
<i>Tpt1</i>	U		979	--	U	<i>g</i>	1000	--
<i>gas5</i>	N		1000	--	U	<i>h</i>	1002	600
<i>U17HG</i>	N	<i>i</i>	595	330	N	<i>i</i>	547	399

Determinations. of human (h-) or mouse (m-) tsp's:

- a. Uetsuki, T., Naito, A., Nagata, S., and Kaziro, Y. 1989. Isolation and characterization of the human chromosomal gene for polypeptide chain elongation factor-1. *J. Biol. Chem.* **264**: 5791-5798.
- b. Chambers, D.M., Rouleau, G.A., and Abbott, C.M. 2001. Comparative genomic analysis of genes encoding translation elongation factor 1B in human and mouse shows EEF1B1 to be a recent retroposon event. *Genomics* **77**: 145-148 and DBTSS entries for NM_021121 (human) and NM_018796 (mouse).
- c. Nakanishi, T., Kohno, K., Ishiura, M., Ohashi, H., and Uchida, T. 1988. Complete nucleotide sequence and characterization of the 5'flanking region of mammalian elongation factor 2 gene. *J. Biol. Chem.* **263**: 6384-6391.
- d. Hornstein, E., Git, A., Braunstein, I., Avni, D., and Meyuhas, O. 1999. The expression of poly(A)-binding protein gene is translationally regulated in a growth-dependent fashion through a 5'terminal oligopyrimidine tract motif. *J. Biol. Chem.* **274**: 1708-1714.
- e. Biamonti, G., Buvoli, M., Bassi, M.T., Morandi, C., Cobianchi, F., and Riva, S. 1989. Isolation of an active gene encoding human hnRNP protein A1. Evidence for alternative splicing. *J. Mol. Biol.* **207**: 491-503.
- f. Chan, P.K., Chan, F.Y., Morris, S.W., and Xie, Z. 1997. Isolation and characterization of the human nucleophosmin/B23 (NPM) gene: identification of the YY1 binding site at the 5'enhancer region. *Nucleic Acids Res.* **25**: 1225-1232.
- g. Fiucci, G., Lespagnol, A., Stumptner-Cuvelette, P., Beaucourt, S., Duflaut, D., Susini, L., Amson, R., and Telerman, A. 2003. Genomic organization and expression of mouse *Tpt1* gene. *Genomics* **81**: 570-578.
- h. Smith, C.M. and Steitz, J.A. 1998. Classification of *gas5* as a multi-small-nucleolar-RNA (snoRNA) host gene and a member of the 5'terminal oligopyrimidine gene family reveals common features of sno-RNA host genes. *Mol. Cell. Biol.* **18**: 6897-6909.

- i. Pelczar, P. and Filipowicz, W. 1998. The host gene for intronic U17 small nucleolar RNAs in mammals has no protein-coding potential and is a member of the 5' terminal oligopyrimidine gene family. *Mol. Cell. Biol.* **18**: 4509-4518.

h-5'n and m-5'n: the amount in bp of 5' flanking sequence analyzed in human and mouse genes, respectively.

h-5'is and m-5'is: the distance in bp from the tsp to the nearest 5' insertion element.