

**Genotyping of Ttr<hTTRV30> and Ttr,hTTRV30M>**

hTTR Wild type cDNA allele						
primers & enzyme	WT	hTTR/+	hTTR/hTTR	temp.	cycles	size
A9s/m19	(+)	(+)	(-)	57	33	864bp
A9s/sp-A	(-)	(+)	(+)	53	33	783bp
AG2/hTTR-R	(-)	(+)	(+)	60	33	455bp
AG2/hTTR-R,+Nsil		1 band only(455bp)	1 band only(455bp)			

hTTR V30M cDNA allele						
primers & enzyme	WT	V30M /+	V30M /V30M	temp.	cycles	size
A9s/m19	(+)	(+)	(-)	57	33	864bp
A9s/sp-A	(-)	(+)	(+)	57-59	33	783bp
AG2/hTTR-R	(-)	(+)	(+)	60	33	455bp
AG2/hTTR-R,+Nsil		3bands(455,255, 200bp)	2bands(255, 200bp)			

primers

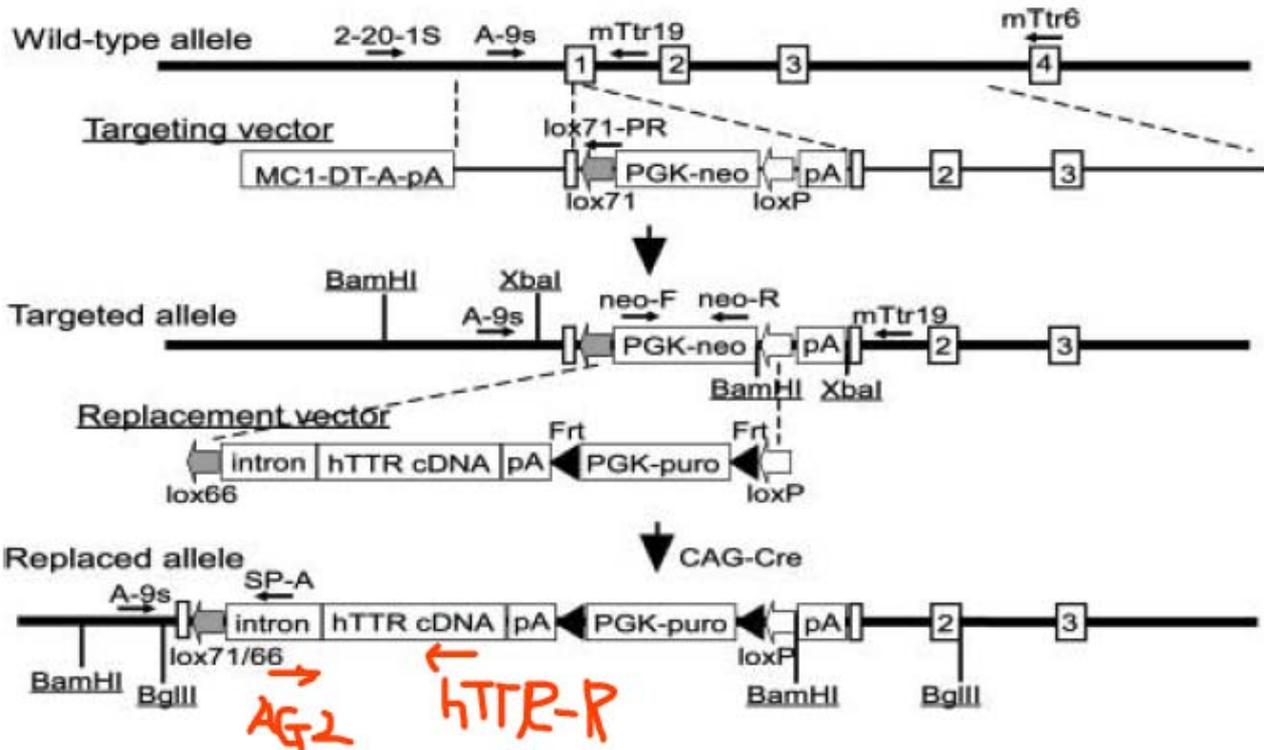
A9s: 5'- CGTAGAGCGAGTGTCCG-3'

m19 (mTTR19): 5'-CAGCTGTTGCTATAGTAATCC-3'

sp-A: 5'-CAGTGTATATCATTGTAACC-3'

AG2: 5'-CTG CTA ACC ATG TTC ATG CC-3'

hTTR-R: 5'-GGCTGTGAATACCACCTCT-3'



see Fig. 1 in Zhao et al. Genes Cells 13:1257-1268, 2008

**Southern blot analysis for Tg(6.0-hTTR)**

probe: a 160-bp XbaI-PstI fragment of human TTR cDNA.

see Kohno et al. Amer J Pathol150:1497-1508, 1997