

**Supplementary Table 2** Sequences of primers for PAK isoform-specific RT-PCR of human thyroid cell lines and human tissue samples

<b>SYBR Green</b>			
<b>Isoform</b>	<b>Forward</b>	<b>Reverse</b>	<b>Size (bp)</b>
<b>PAK1</b>	TAT GAT TGG AGC CGG CAG C	CTG AAG GGA GAG AAA TCT CTG GC	173
<b>PAK2</b>	CAT CTT TAG CAC TGG AGG CAA AGA	ATG GTG TGC TCA AAA TCA GAT GG	189
<b>PAK3</b>	CAA CCG GGA TTC TTC AGC ACT	CAC ATG AAT CGT ATG CTC AAA GTC TG	184
<b>PAK6</b>	CCT AGC CCT AAG ACC CGG G	GCG GTC GGA AAG AGG AGT TG	142

<b>Universal Master Mix</b>		
<b>Isoform</b>	<b>Size (bp)</b>	<b>Catalogue number (LTC)</b>
<b>PAK4</b>	59	Hs0110061_m1
<b>PAK5</b>	82	Hs00379321_m1