

**Supplemental Table 6. IR associated gene signature for higher and lower C-cell frequency estimates**

Gene symbol (synonym)	Probe ID	Thyroid tissue	Follicular cells		C-cells	
		(conv.)	(deconv.)		(deconv.)	
log <sub>2</sub> ratio; fold change (adjusted p-value)						
			cF = 0.11	cF = 0.05	cF = 0.11	cF = 0.05
<i>Ccnd1</i> <sup>†</sup>	ILMN_1221503	-0.92; -1.9 (0.0019)		2.7; 6.6 (0.0022)		
	ILMN_2601471	-0.91; -1.9 (0.0002)				
<i>Ccng1</i>	ILMN_2500276	0.81; 1.8 (0.0076)	-2.5; -5.7 (0.0096)			
<i>Cdkn1a</i> <sup>†</sup>	ILMN_2846775		-3.4; -11 (0.0001)			
<i>Fos</i> <sup>†</sup>	ILMN_2750515		5.0; 32 (0.0001)	3.8; 14 (0.0002)		
<i>Gjb2</i>	ILMN_1227148	-2.2; -4.6 (0.0000)				
	ILMN_2999627	-2.9; -7.5 (0.0000)			-5.1; -34 (0.0000)	
<i>Naa35 (Mak10)</i>	ILMN_2828599		-2.6; -6.1 (0.0080)			
<i>Plcg2</i>	ILMN_2601833	-1.1; -2.1 (0.0000)				
<i>Trp53inp1</i>	ILMN_2506012		5.0; 32 (0.0000)			
<i>Trp53inp2</i>	ILMN_2457585		-3.0; -8.0 (0.0024)			

<sup>†</sup>Note that *Ccnd1*, *Cdkn1a* and *Fos* are reported as both IR-associated and TH-responding in the literature. Results of transcript regulation of respective signature genes in thyroid tissue adapted from Langen *et al.* (16). Adjusted p-values given as 0.0000 designate values below 10<sup>-5</sup>, i.e. values below the Nexus Expression limit. Conv., convoluted data; deconv., deconvolved data; cF, cell frequency (as used for deconvolution)