

Supplemental Table 7. TH-responding gene signature for higher and lower C-cell frequency estimates

Gene symbol	Probe ID	Thyroid tissue (conv.)	Follicular cells (deconv.)				C-cells (deconv.)	
			log ₂ ratio; fold change (adjusted p-value)					
			cF = 0.11	cF = 0.05	cF = 0.11	cF = 0.05		
<i>Atp2a1</i>	ILMN_2666864	5.3; 41 (0.0000)	7.8; 223 (0.0000)	7.5; 178 (0.0000)	11; 1552 (0.0000)	11; 1500 (0.0000)		
<i>Camkk1</i>	ILMN_1242310		-2.2; -4.6 (0.0045)					
<i>Camkk2</i>	ILMN_1256263				-3.9; -15 (0.0001)			
<i>Ccnd1</i>	ILMN_1221503	-0.92; -1.9 (0.0019)		2.7; 6.6 (0.0022)				
	ILMN_2601471	-0.91; -1.9 (0.0002)						
<i>Cd44</i>	ILMN_3114585	-0.69; -1.6 (0.0001)	-3.2; -9.2 (0.0000)	-3.0; -8.0 (0.0000)				
	ILMN_2754990				-5.6; -49 (0.0000)	-7.4; -166 (0.0000)		
<i>Cdkn1a</i> [†]	ILMN_2846775		-3.4; -11 (0.0001)					
<i>Egf</i>	ILMN_2684104	-4.9; -31 (0.0000)			-5.3; -39 (0.0000)	-5.3; -40 (0.0000)		
<i>Egfr</i>	ILMN_3128725				-4.9; -30 (0.0095)	-5.2; -36 (0.0000)		
<i>Fos</i> [†]	ILMN_2750515		5.0; 32 (0.0001)	3.8; 14 (0.0002)				
<i>Hnrnp3 (Hnrph3)</i>	ILMN_2958912		5.7; 52 (0.0000)					
<i>Lmo2</i>	ILMN_2767605	-1.2; -2.3 (0.0000)						
<i>Mbp</i>	ILMN_3081854		-2.9; -7.5 (0.0037)					
<i>Pck1</i>	ILMN_1213632	1.2; 2.3 (0.0001)		2.2; 4.7 (0.0095)				
<i>Pfkp</i>	ILMN_2673233				5.7; 52 (0.0000)	7.1; 133 (0.0000)		
<i>Pik3c2a</i>	ILMN_1252098		-2.5; -5.7 (0.0087)					
<i>Prkag2</i>	ILMN_3161626	0.80; 1.7 (0.0002)						
<i>Prkca</i>	ILMN_1217890		-1.9; -3.7 (0.0092)					
<i>Rcan2</i>	ILMN_3033007		-5.0; -32 (0.0000)	-1.5; -2.7 (0.0003)				
<i>Slc16a6</i>	ILMN_1258950	-0.91; -1.9 (0.0005)						
<i>Slc2a1</i>	ILMN_1258159	-0.94; -1.9 (0.0007)		-3.2; -9.5 (0.0001)				
<i>Sms</i>	ILMN_1232323		-2.3; -4.9 (0.0003)					
<i>Vldlr</i>	ILMN_1218264	1.1; 2.2 (0.0000)						
	ILMN_2515601	1.1; 2.2 (0.0000)						
	ILMN_2796472	1.1; 2.2 (0.0000)						

[†]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 10⁻⁵, i.e. values below the Nexus Expression limit. Conv., convoluted data; deconv., deconvoluted data; cF, cell frequency (as used for deconvolution)