

Supplementary Table 1. Characterization of the human sample collection in the exploratory cohort. Lymphomas were diagnosed (see Characterization column) according to World Health Organization Classification of Hematological Malignancies and recommendations from the European

	IDENTIFICATION CODE*	Age	Tumor cells	Characterization	qRT-PCR			CDKN1C	CDKN1C	CDKN1C	E2F1	TP53	TP53	TP53	TP53
					CDKN1C	E2F1	TP53	ENST00000380725	ENST00000414822	ENST00000440480	ENST00000343380	ENST00000269305	ENST00000420246	ENST00000445888	ENST00000504937 (Δ)
					CDKN1C-002	CDKN1C-001	CDKN1C-003	E2F1-001	TP53-001	TP53-005	TP53-002	TP53-008			
Exploratory cohort	554	Adult	>80%	Cortical / Common T-LBL	-3,625	4,214	0,31	-2,80	-4,60	-1,81	1,31	1,28	0,16	0,28	0,74
	238	Adult	>80%	PreT / Immature T-LBL	-2,766	-0,761	0,536	-2,66	-4,30	-4,76	0,46	0,49	-0,73	-0,53	0,81
	408	Adult	>80%	Cortical / Common T-LBL	-2,795	-0,434	0,028	-3,53	-2,15	-4,42	0,05	0,46	-1,01	-0,47	-0,01
	192	Adult	90%	Cortical / Common T-LBL	-5,38	1,769	-0,78	-2,82	-3,29	-4,32	1,46	-0,71	1,17	-1,33	2,65
	346	Adult	95%	Cortical / Common T-LBL	-4,473	2,78	-0,184	-2,41	-25,99	-2,00	2,05	-9,74	0,21	-3,80	3,26
	460	Pediatric	70%	Cortical / Common T-LBL	-3,522	0,933	-0,395	-1,13	-22,38	-1,50	1,10	-2,10	0,45	-0,57	2,41
	840	Pediatric	>80%	ProT / Immature T-LBL	-3,988	1,104	0,659	-3,52	-2,69	-4,43	1,66	1,32	0,97	0,52	1,26
	521	Pediatric	90%	Cortical / Common T-LBL				-5,95	-4,12	-3,40	1,68	0,66	2,65	1,10	-0,05
Extended cohort	829	Adult	—	Immature T-LBL	-3,023	-0,436	0,171								
	188	Adult	—	T-LBL	-3,251	1,046	0,046								
	135	Adult	—	Medular / Common T-LBL	-5,107	1,742	-0,295								
	080	Pediatric	—	Medular / Common T-LBL	-3,21	0,029	-0,666								
	104	Pediatric	—	Cortical / Common T-LBL	-4,975	1,015	1,773								
	038	Pediatric	—	T-LBL	-0,682	1,257	0,522								
	101	Pediatric	—	T-LBL	-3,736	1,704	-1,689								
	209	Pediatric	—	T-LBL	-1,187	0,453	0,389								
	639	Pediatric	80%	Medular / Common T-LBL	-2,498	-0,479	0,07								
	001	Pediatric	—	ProT-PreT / Immature T-LBL	-2,766	2,651	0,547								

*Identification of the biological samples of the Biobank will be subjected to a coding process. Each sample is assigned an identification code.