

**Supplementary Table 1. Characteristics of the human cells used for qRT-PCR.**

<b>Sample</b>	<b>Source/ Cell line type</b>	<b>Characteristics</b>
Erythrocytes	1 Caucasian, age 27	Non-tumoral cells
Platelets	Pool from 12 Caucasians, ages 25-45	Non-tumoral cells
Neutrophyles	1 Caucasian, age 27	Non-tumoral cells
CD34(-) Bone Marrow	Unkown	Non-tumoral cells
Resting CD14+ (monocytes)	Pool from 19 Caucasians, ages 22-54	Non-tumoral cells
Resting CD19+ (B-cell lymphocytes)	Pool from 31 Caucasians, ages 19-56	Non-tumoral cells
Activated CD19+ (B-cell lymphocytes)	Pool from 7 Caucasians, ages 21-49	Non-tumoral cells
Resting CD8+ (T-cell cytotoxic lymph)	Pool from 33 Caucasians, ages 24-51	Non-tumoral cells
Activated CD8+ (T-cell cytotoxic lymph)	Pool from 8 Caucasians, ages 22-48	Non-tumoral cells
Resting CD4+ (T-cell helper lymph)	Pool from 6 Caucasians, ages 18-52	Non-tumoral cells
Activated CD4+ (T-cell helper lymph)	Pool from 8 Caucasians, ages 20-42	Non-tumoral cells
MC-3	Chronic myeloid leukemia in blastic crisis, M7	Tumoral cell line
CHRF288-11	Pediatic acute myeloid leukemia, M7	Tumoral cell line
HU-3	Acute myeloid leukemia, M7	Tumoral cell line
MEG01	Chronic myelocytic leukemia in blastic crisis, M7	Tumoral cell line
MKPL1	Myeloid cell line, M7	Tumoral cell line
M-MOCK	Pediatic acute myeloid leukemia, M7	Tumoral cell line
MO7E	Pediatic acute myeloid leukemia, M7	Tumoral cell line
T33	Chronic myelocytic leukemia in blastic crisis, M7	Tumoral cell line
RS1	Pediatic acute myeloid leukemia, M7	Tumoral cell line
K562	Chronic myelocytic leukemia in blastic crisis, M6	Tumoral cell line
U937	Histiocytic lymphoma, B-cell	Tumoral cell line
JVM-2	Mantle cell lymphoma, B-cell	Tumoral cell line
JEKO-1	Mantle cell lymphoma, B-cell	Tumoral cell line
WSU-NHL	B-cell lymphoma	Tumoral cell line
Ramos	Burkitt's lymphoma, B-cell	Tumoral cell line
Raji	Burkitt's lymphoma, B-cell	Tumoral cell line
SD-1	Acute lymphoblastic leukemia, B-cell	Tumoral cell line
HDLM-2	Hodking lymphoma, B-cell	Tumoral cell line
JURKAT	Actue T-cell leukemia	Tumoral cell line
MOLT13	T-cell lymphoma	Tumoral cell line
Hut78	T-cell lymphoma	Tumoral cell line
PTCL	Pool from 6 Peripheral T-cell lymphomas	Tumoral cells