

Expression Patterns of Coagulation Factor XIII Subunit A on Leukemic Lymphoblasts Correlate with Clinical Outcome and Genetic Subtypes in Childhood B-cell Progenitor Acute Lymphoblastic Leukemia

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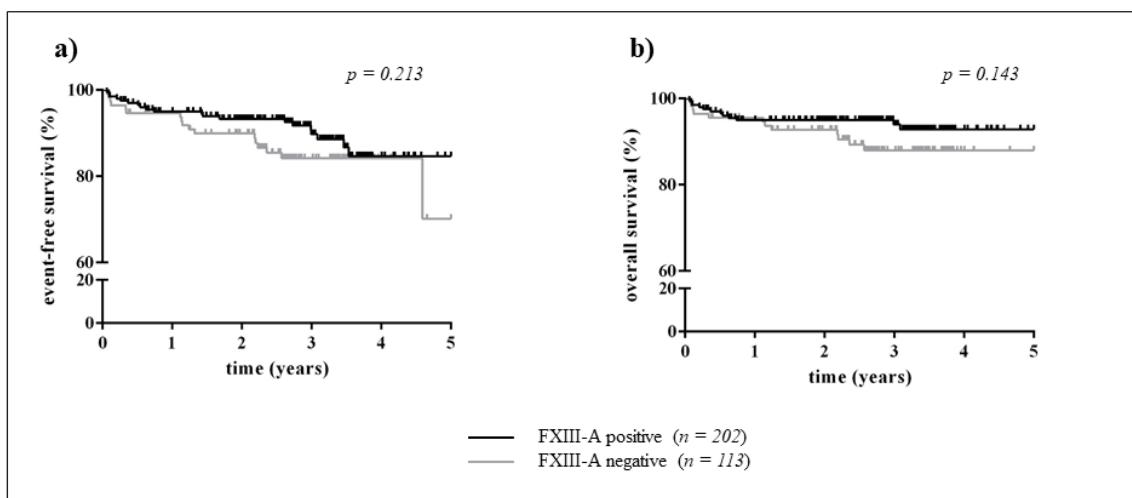


Figure S1. Event-free and overall survival of children with B-cell precursor acute lymphoblastic leukemia (ALL) of FXIII-A positive and negative groups.

Table S1. Initial clinical characterization and risk stratification of study patients.

Variables	n	%
Gender		
Male	216	52.9
Female	192	47.1
Age		
<6 years	283	69.4
≥6 years	125	30.6
WBC count		
<20,000 cells/µl	296	72.5
≥20,000 cells/µl	111	27.2
NA	1	0.3
FXIII-A expression ratio		
Negative (<20%)	137	33.6
Positive	271	66.4
dim (20–79%)	189	46.3
bright (≥80%)	82	20.1
Genetic risk categories *		
Good	184	45.1

Intermediate	118	28.9
Poor	17	4.2
NA	89	21.8
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"B-other" genetic risk category		
Yes	110	26.9
No	209	51.2
NA	89	21.8
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Prednisone response on day 8		
Good	378	92.6
Poor	24	5.9
NA	6	1.5
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FC-MRD (day15)		
FLR: <0.1%	96	23.5
FMR: 0.1–10%	262	64.2
FHR: ≥10%	47	11.5
NA	3	0.7
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clinical risk groups		
Standard risk	87	21.3
Intermediate risk	241	69.1
High risk	74	18.1
NA	6	1.5
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Event-free survival		
Alive	361	88.5
Died/relapsed	47	11.5
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Overall survival		
Alive	382	93.6
Died	26	6.4

* according to cytogenetics and FISH (see text). Abbreviations: *n* = number, WBC = white blood cell count, NA = not available, FC-MRD = minimal residual disease by flow cytometry, FLR = flow low risk, FMR = flow medium risk, FHR = flow high risk.

Table S2. Distribution of copy number alterations (CNA) according to FXIII-A expression patterns.

FXIII-A Expression Pattern	Risk Estimation According to CAN *			
	Good	Intermediate	Poor	No CNA
Negative	3	1	7	9
Dim	6	4	3	12
Bright	3	1	2	8

* See text.



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