

Annex 1: The clinical features of subjects from Group B

No.	Associated Disease	Gender	Age
1	Noonan Syndrome	M	8 months
2	Essential thrombocythemia	F	22 years
3	Hepatic cirrhosis	M	32 years
4	Colorectal cancer	M	43 years
5	Nonspecific mesenteric lymphadenitis	M	45 years
6	Systemic lupus erythematosus	F	53 years
7	Colorectal cancer	M	54 years
8	Kidney failure	M	55 years
9	Essential thrombocythemia	M	59 years
10	Diffuse non-Hodgkin's lymphoma	M	64 years
11	Essential thrombocythemia	F	64 years
12	Myeloproliferative diseases (JAK2 and CALR negative)	F	72 years
13	Colorectal cancer	M	72 years
14	Polycythemia vera	F	75 years
15	Myeloproliferative diseases (JAK2 and CALR negative)	M	77 years
16	No associated disease	M	39 years
17	No associated disease	M	39 years
18	No associated disease	M	43 years
19	No associated disease	M	50 years
20	No associated disease	M	52 years
21	No associated disease	M	62 years

Annex 2: miRNAs that have RARA gene as target (miRWalk score = 1.00)

