Table 2. Anamnestic, clinical, cytogenetic and molecular genetic information of radiation-associated AML patients.

Case	Group	Sex/Age, Years[a]	Occupation	Preceded by MDS	FAB Type	Latency Time, Years[b]	Karyotype	*AML1/ETO* by FISH or RT-PCR	*MLL* translocation			*FLT3* ITD	*FLT3* D835
									FISH Results	RT-PCR results			
										MLL/AF9	*MLL/AF4*		
1	CW	M/60	engineer	Yes	M0	16	ND	negative	negative	ND	ND	WT	WT
2	CW	M/73	economist	Yes	M2	17	ND	ND	ND	negative	negative	WT	WT
3	CW	M/42	driver	Yes	M6	17	ND	negative	ND	ND	negative	WT	WT
4	CW	M/42	welder	Yes	M6	9	ND	ND	ND	ND	ND	WT	WT
5	CW	M/67	sailor	No	M0	18	ND	ND	ND	ND	ND	WT	WT
6	CW	M/59	agronomist	No	M1	16	ND	negative	negative	negative	negative	WT	WT
7	CW	M/55	farmer	No	M2	18	47,XY, +8[12]	negative	negative	ND	ND	WT	WT
8	CW	M/66	policeman	No	M2	16	ND	negative	negative	ND	negative	Mut	WT
9	CW	M/76	ND[c]	No	M2	15	ND	negative	negative	ND	ND	WT	WT
10	CW	M/59	security guard	No	M4	11	ND	negative	negative	ND	ND	WT	WT
11	CW	M/62	serviceman	No	M4	16	46,XY [15]	negative	negative	negative	ND	WT	WT
12	CW	M/35	driver	No	M5a	11	ND	negative	negative	ND	ND	Mut	WT
13	CW	M/43	loader	No	M5a	17	46,XY [15]	ND	negative	ND	ND	Mut	WT
14	V	M/29	mechanic	Yes	M4	16	ND	negative	negative	ND	ND	WT	WT
15	V	M/57	mechanic	Yes	M5a	16	ND	negative	negative	ND	ND	WT	WT
16	V	M/71	farmer	No	M0	14	ND	negative	negative	ND	ND	WT	WT
17	V	F/26	housewife	No	M1	17	ND	negative	negative	ND	ND	WT	WT
18	V	M/33	tractor driver	No	M4	12	ND	negative	negative	ND	ND	WT	WT
19	V	M/42	crane-operator	No	M5b	15	ND	negative	negative	ND	ND	WT	WT

MDS: myelodysplastic syndrome; FAB: French-American-British; FISH: fluorescence *in situ* hybridization; RT-PCR: reverse transcription polymerase chain reaction; *FLT3* ITD: internal tandem duplications of *FLT3* gene status by PCR; *FLT3* D835: *FLT3* D835 mutation status by PCR; CW: clean-up worker of the Chernobyl accident; V: victim, indicates patient evacuated from the Chernobyl exclusion zone or domiciled in highly contaminated with radioactive fallout rural areas of the Ukraine; M: male; F: female ND: no data; WT: wild type; Mut: mutated; [a]: at time of diagnosis; [b]: time since first exposure due to the Chernobyl accident to overt AML; [c]: retired at the time of diagnosis.