

Supplemental Table 1. Clinical Characteristics of Subjects Studied

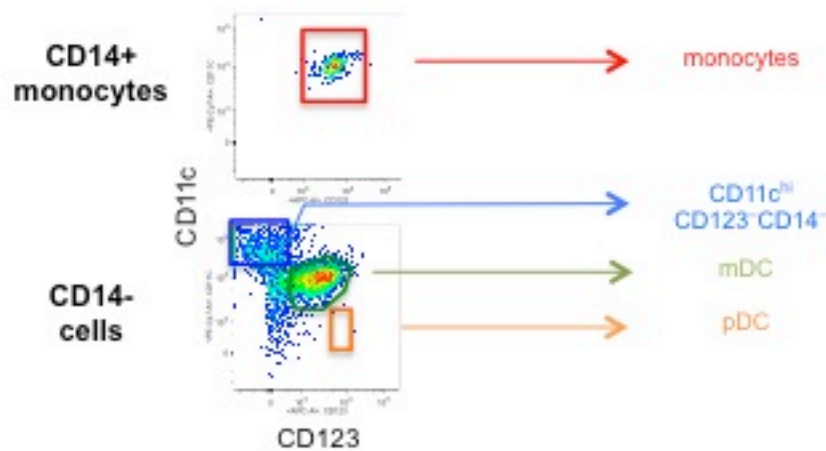
Subject #	Age (years)	Disease	Previous Chemotherapy	Outcome	% fibrocytes in CD14 ⁺ gate
1	3	ARMS ¹	yes	DOD ²	0.49
2	3	ARMS	yes	Alive	1.41
3	6	ARMS	no	DOD	14.7
4	7	ARMS	yes	DOD	22.7
5	8	Ewing Sarcoma	yes	DOD	0.16
6	8	Ewing Sarcoma	yes	DOD	1.53
7	9	Ewing Sarcoma	Yes	DOD	0.72
8	9	Ewing Sarcoma	yes	DOD	2.5
9	10	ARMS	no	DOD	0.79
10	10	Ewing Sarcoma	yes	DOD	1.79
11	10	Ewing Sarcoma	yes	DOD	0.98
12	11	Ewing Sarcoma	yes	DOD	0.59
13	11	Ewing Sarcoma	no	DOD	3.3
14	13	ARMS	no	DOC ³	1.11
15	14	Ewing Sarcoma	no	DOD	0.16
16	14	ARMS	no	DOD	2.03
17	14	ARMS	no	DOD	0.21
18	15	ARMS	yes	DOD	0.14
19	15	Ewing Sarcoma	yes	DOD	2.58
20	15	ARMS	yes	DOD	0.01
21	15	Ewing Sarcoma	no	DOD	9.14
22	16	ARMS	yes	unknown	0.67
23	16	Ewing Sarcoma	yes	DOD	0.49
24	17	ARMS	no	Alive	0.1
25	17	ARMS	no	Alive	0.14
26	17	Ewing Sarcoma	yes	DOD	1.03
27	17	Ewing Sarcoma	no	unknown	2.24
28	17	Ewing Sarcoma	yes	DOD	1.22
29	17	ARMS	no	Alive	10.1
30	18	Ewing Sarcoma	yes	DOD	0.21
31	18	Ewing Sarcoma	yes	DOD	1.26
32	18	Ewing Sarcoma	no	DOD	2.52
33	18	Ewing Sarcoma	no	DOD	7.35
34	18	Ewing Sarcoma	yes	DOD	0.35
35	18	ARMS	no	DOD	0.22
36	18	Ewing Sarcoma	no	DOD	10
37	18	Ewing Sarcoma	Yes	DOD	53.2
38	19	Ewing Sarcoma	no	unknown	0.39
39	19	Ewing Sarcoma	no	DOD	0.1
40	19	Ewing Sarcoma	no	DOD	0.44
41	20	ARMS	no	Alive	0.36

42	20	Ewing Sarcoma	no	DOD	0.57
43	20	Ewing Sarcoma	no	DOD	0.27
44	22	ARMS	no	DOD	3.98
45	23	Ewing Sarcoma	no	DOD	0.38
46	23	Ewing Sarcoma	yes	DOD	0.57
47	24	Ewing Sarcoma	yes	DOD	0.57
48	26	Ewing Sarcoma	yes	DOD	1.66
49	27	ARMS	yes	Alive	0.14
50	28	ARMS	no	Alive	1.85
51	30	Ewing Sarcoma	no	DOD	1.57
52	30	Ewing Sarcoma	yes	DOD	35.7
53	33	Ewing Sarcoma	yes	DOD	0.71

¹ARMS: alveolar rhabdomyosarcoma, ²DOD: dead of disease, ³DOC: dead of complications of therapy.

Supplemental Figure. A: Gating strategy employed on the dot plot used for further characterization of specific subsets. **B:** Cell surface phenotype of electronically gated subsets. Shaded areas represent background fluorescence as indicated by FMO controls. This is a representative of more than ten experiments.

A



B

