

Table S1. The detailed information of the recipient characteristics and outcomes status.

Cases	Gender	Age		CMV status		Conditioning regimen	Donor sources	Survival	aGVHD	cGVHD	Relapse
		Recipient	Donor	Recipient	Donor						
1	Female	45	20	positive	positive	RIC	son	alive	NO	NO	YES
2	Male	18	45	positive		MAC	father	alive	1-2	NO	No
3	Female	52	21	positive	negative	RIC	son	alive	1-2	YES	No
4	Female	8m	28	positive	positive	MAC	father	death	3-4	NO	No
5	Female	26	31	positive		RIC	sibling	death	1-2	NO	YES
6	Male	23	51	positive		MAC	mother	death	3-4	NO	No
7	Female	60	21	positive		RIC	daughter	death	3-4	NO	YES
8	Male	39	41	positive	positive	MAC	sibling	death	NO	NO	YES
9	Male	41	45	positive	positive	MAC	unrelated	alive	NO	NO	No
10	Male	25	54	positive	positive	MAC	father	death	1-2	NO	YES
11	Male	46	26	positive	positive	RIC	daughter	alive	3-4	NO	YES
12	Male	39	33	positive	negative	MAC	sibling	death	3-4	NO	YES
13	Male	46	41	positive	positive	MAC	sibling	alive	NO	NO	No
14	Female	39	28	positive	positive	MAC	unrelated	death	NO	NO	No
15	Female	58	34	positive	positive	RIC	daughter	death	1-2	YES	No
16	Male	64	33	positive	negative	RIC	daughter	alive	NO	YES	No
17	Male	66	38	positive	positive	RIC	son	alive	NO	NO	YES
18	Female	49	20	positive	negative	RIC	daughter	alive	1-2	NO	YES
19	Female	55	29	positive	positive	RIC	son	death	1-2	NO	No
20	Male	50	52	positive	positive	MAC	sibling	alive	NO	NO	No
21	Female	53	25	positive	positive	RIC	son	death	1-2	NO	YES
22	Female	64	41	positive	positive	RIC	daughter	alive	3-4	YES	No
23	Male	27	30	negative	negative	RIC	sibling	alive	NO	NO	YES
24	Female	67	45	positive	positive	RIC	son	alive	NO	NO	YES