

Table SI. Reads numbers and distribution in subpopulations of 87 single cells.

Patient A			
Sample	Number of total reads	hclust	SC3_6
<b>A_C01</b>	1,971,769	A_2	2
A_C02	1,905,631	A_1	2
A_C08	3,975,010	A_3	2
A_C17	999,409	A_2	2
<b>A_C19</b>	2,079,535	A_2	2
A_C20	1,613,586	A_2	2
A_C23	713,516	A_2	2
A_C33	3,855,027	A_3	2
A_C34	2,636,599	A_2	2
A_C36	2,652,159	A_2	2
A_C39	7,062,363	A_3	3
A_C41	2,997,958	A_3	3
A_C45	6,127,585	A_1	5
A_C47	1,951,743	A_3	3
A_C49	1,032,959	A_2	2
A_C53	2,412,935	A_3	3
A_C54	2,150,113	A_3	3
A_C60	594,496	A_1	3
A_C62	9,318,027	A_3	2
A_C64	1,489,695	A_3	3
A_C65	2,623,800	A_3	2
A_C68	3,308,895	A_3	3
A_C71	3,269,891	A_1	5
A_C72	1,078,488	A_3	3
A_C73	4,478,018	A_2	2
A_C74	4,246,713	A_3	3
A_C76	1,029,397	A_1	6
A_C78	2,996,883	A_1	3
<b>A_C79</b>	5,473,740	A_2	2

<b>A_C80</b>	3,723,682	A_3	2
A_C82	1,267,995	A_3	3
A_C84	1,981,342	A_2	2
A_C88	6,338,400	A_1	5
A_C89	897,799	A_2	2
A_C91	2,207,894	A_2	2
<b>A_C94</b>	19,357,086	A_3	3
<b>Patient B</b>			
<b>Sample</b>	<b>Number of total reads</b>	<b>hclust</b>	<b>SC3_6</b>
B_C01	2,090,234	B_2	1
B_C02	1,882,742	B_2	4
B_C03	2,263,031	B_3	1
B_C05	902,407	B_1	6
B_C06	1,135,409	B_1	6
B_C07	2,497,735	B_3	1
B_C08	1,187,482	B_2	4
B_C12	1,669,824	B_1	6
B_C13	1,257,297	B_1	6
B_C15	2,384,761	B_3	1
B_C16	441,317	B_2	4
B_C18	1,685,691	B_3	1
B_C20	896,662	B_1	6
B_C21	705,517	B_1	6
B_C23	1,078,505	B_3	1
B_C25	1,489,131	B_2	4
B_C27	1,099,153	B_1	6
B_C28	427,629	B_2	6
B_C32	1,012,354	B_1	6
B_C34	468,431	B_2	6
B_C35	569,704	B_3	1
B_C37	2,008,726	B_3	1
B_C41	1,119,150	B_3	1
B_C42	538,073	B_1	6

B_C43	2,093,641	B_3	1
B_C51	1,641,272	B_2	4
B_C55	1,781,742	B_2	4
B_C56	2,297,064	B_3	1
B_C57	1,696,145	B_3	1
B_C58	802,305	B_3	1
B_C59	1,223,408	B_2	4
B_C60	2,036,105	B_1	6
B_C63	1,460,961	B_1	6
B_C64	822,196	B_2	4
B_C65	1,307,928	B_1	6
B_C66	1,486,559	B_3	1
B_C68	1,453,090	B_3	1
B_C69	1,735,533	B_3	1
B_C70	1,831,674	B_3	1
B_C71	1,745,446	B_2	1
B_C79	1,893,941	B_3	1
B_C80	1,689,490	B_2	4
B_C81	1,689,315	B_3	1
B_C82	4,034,636	B_3	1
B_C83	1,657,379	B_2	4
B_C84	3,662,008	B_3	1
B_C85	2,130,066	B_3	1
B_C88	2,379,726	B_2	4
B_C90	3,641,407	B_3	1
B_C93	1,347,089	B_2	4
B_C96	2,564,034	B_2	4

Cells in bold text are validated to be predicted fusion protein acute myeloid leukemia 1 protein-protein ETO positive by real-time PCR.