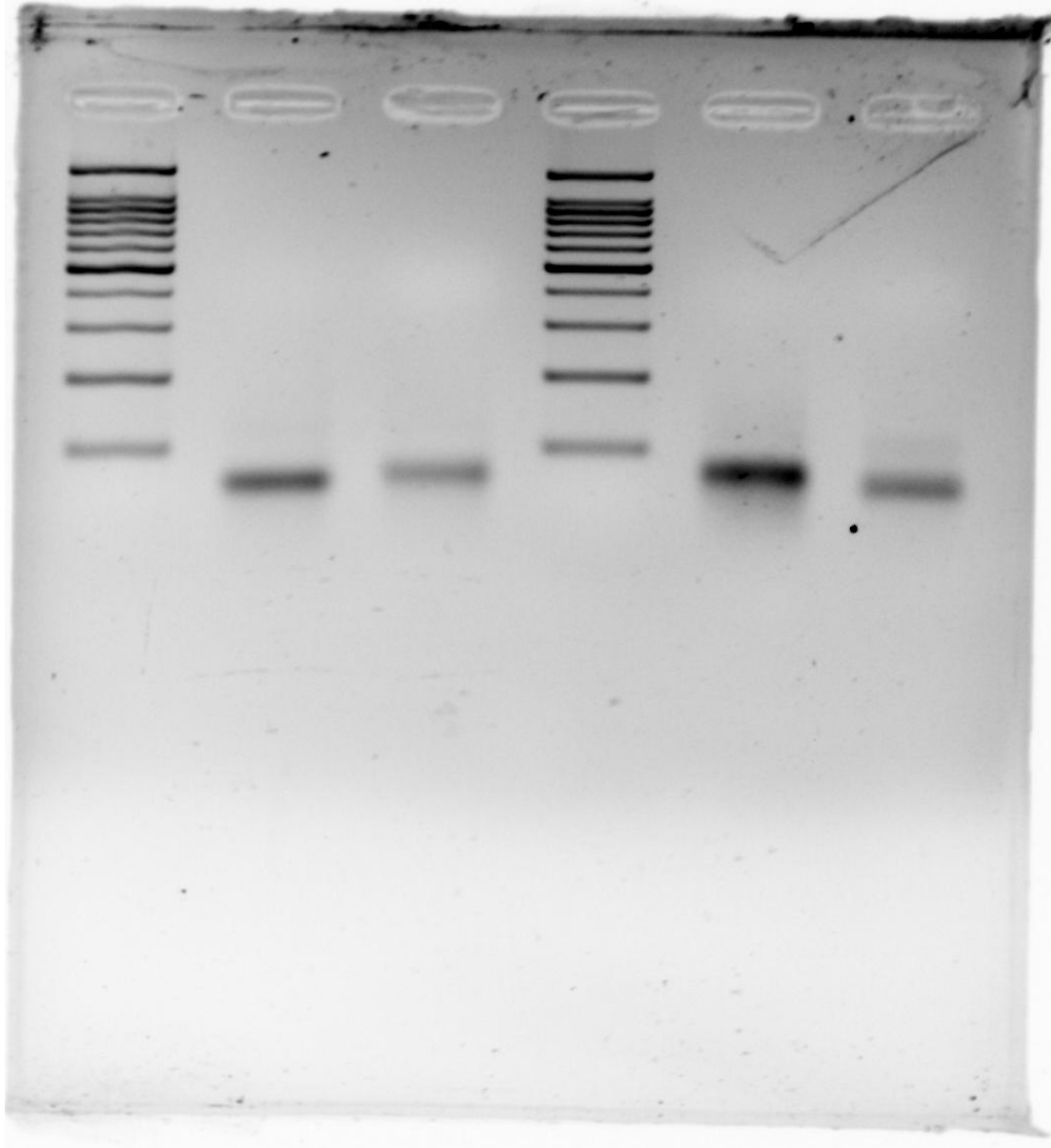


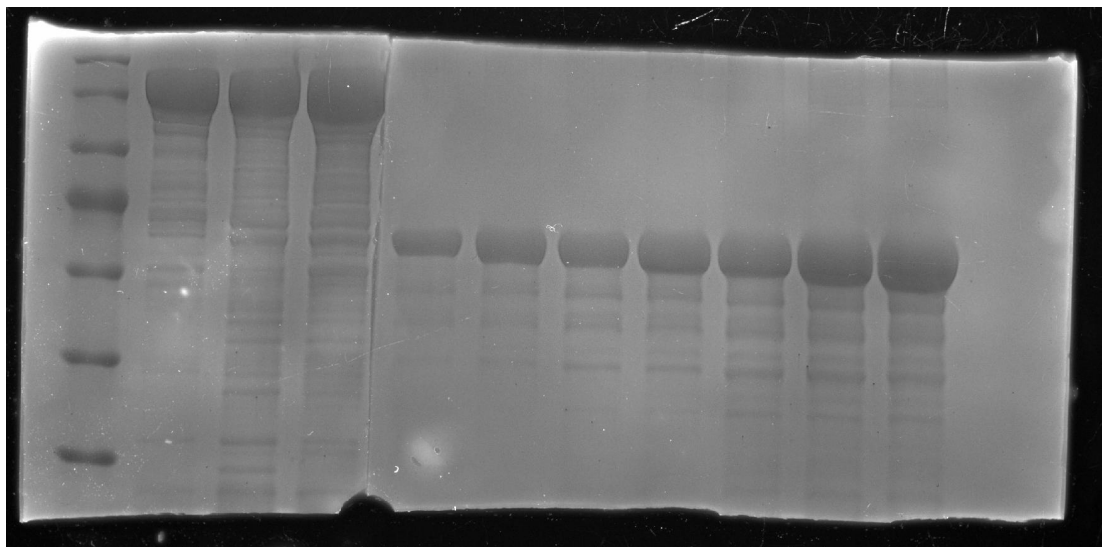
Supplementary material

Figure1

(B) HBG-sgRNAs were generated via in vitro transcription



(C) Purified, and concentrated recombinant Cas9 protein



(D) The DNA cleavage assays in vitro

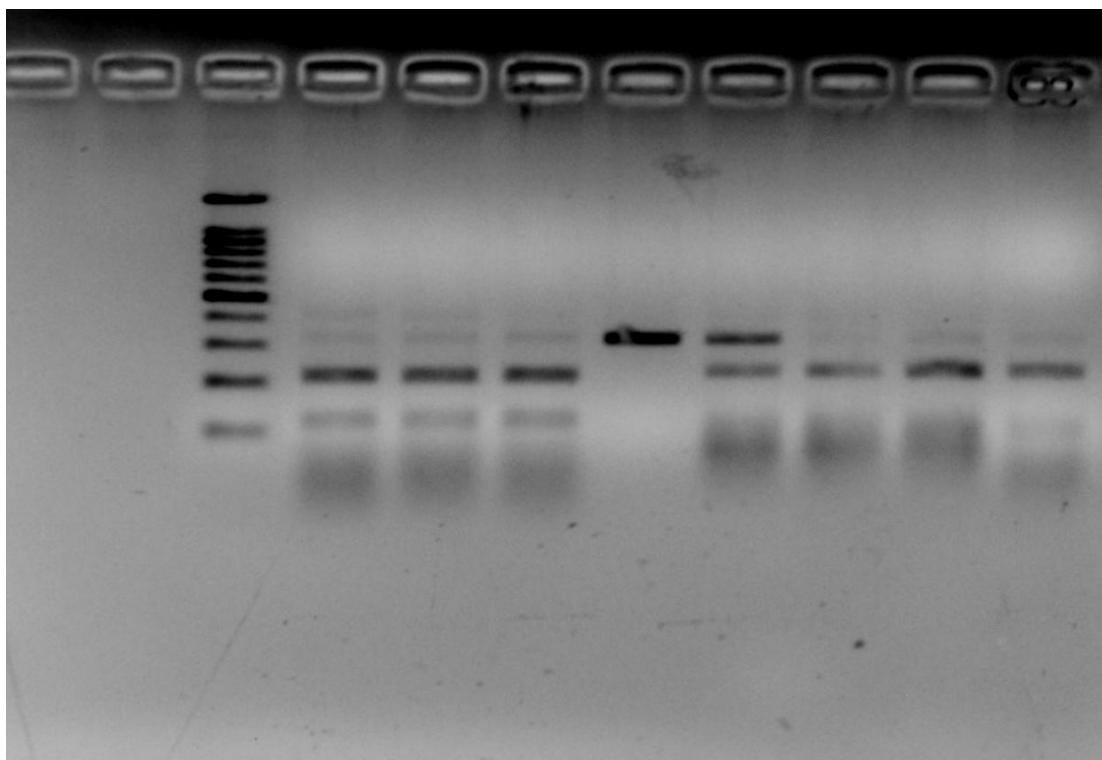


Figure 2

(E) The expression of γ - globin at the protein levels in edited K562 cells

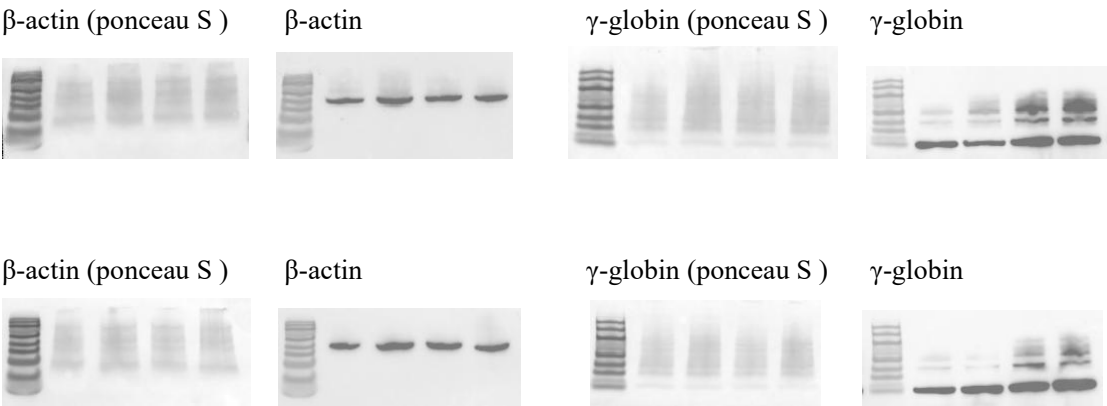


Figure 3

(A) Expression and quantitative analysis of dynamic surface marker in HSPCs at different time periods after erythroid induction

(F) The expression of γ - globin at the protein levels in edited HSPCs.

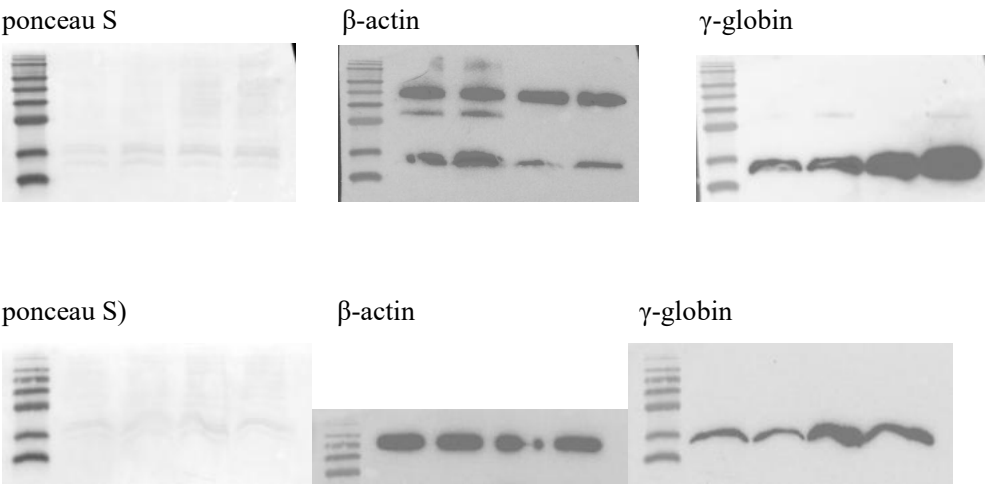
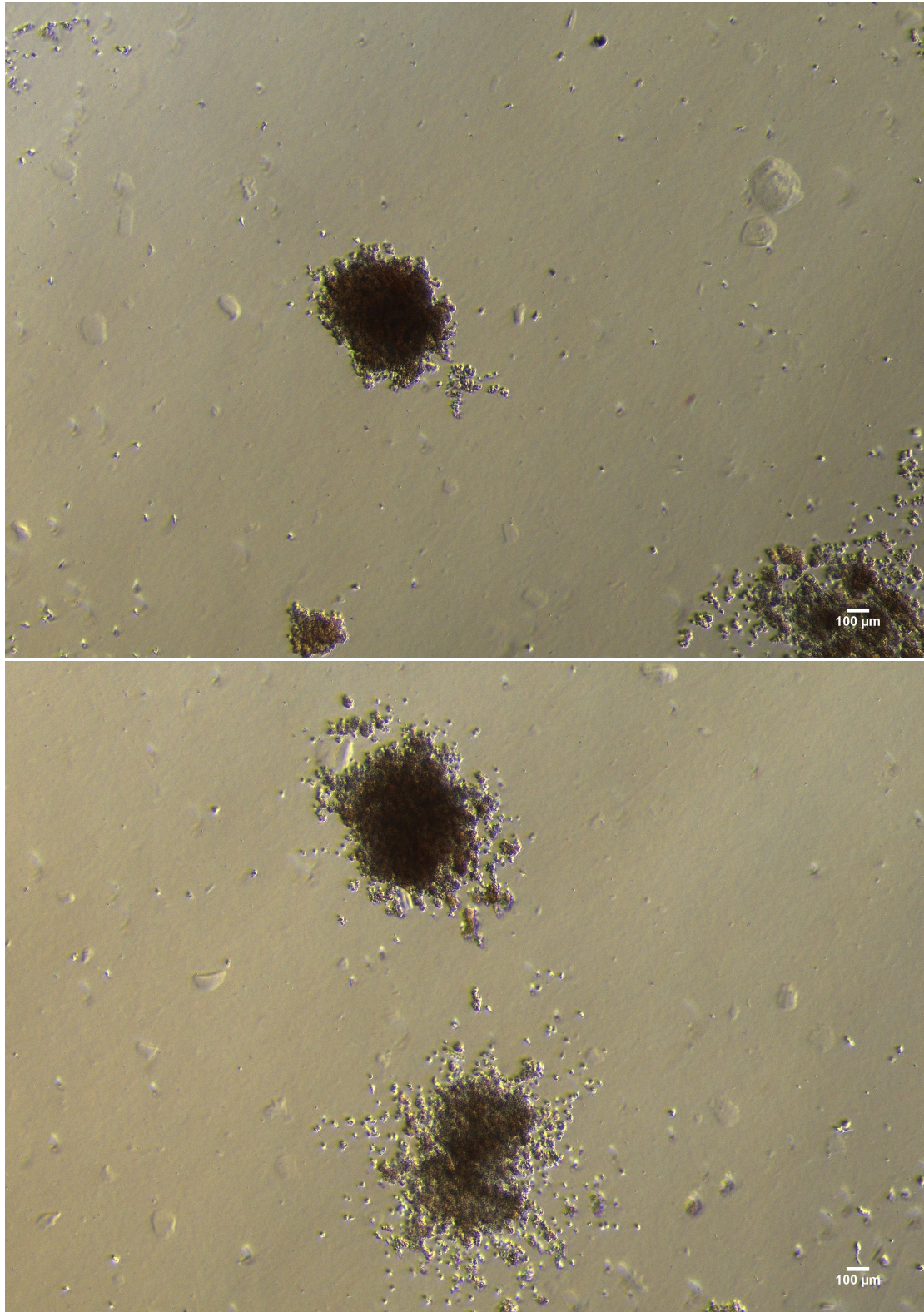
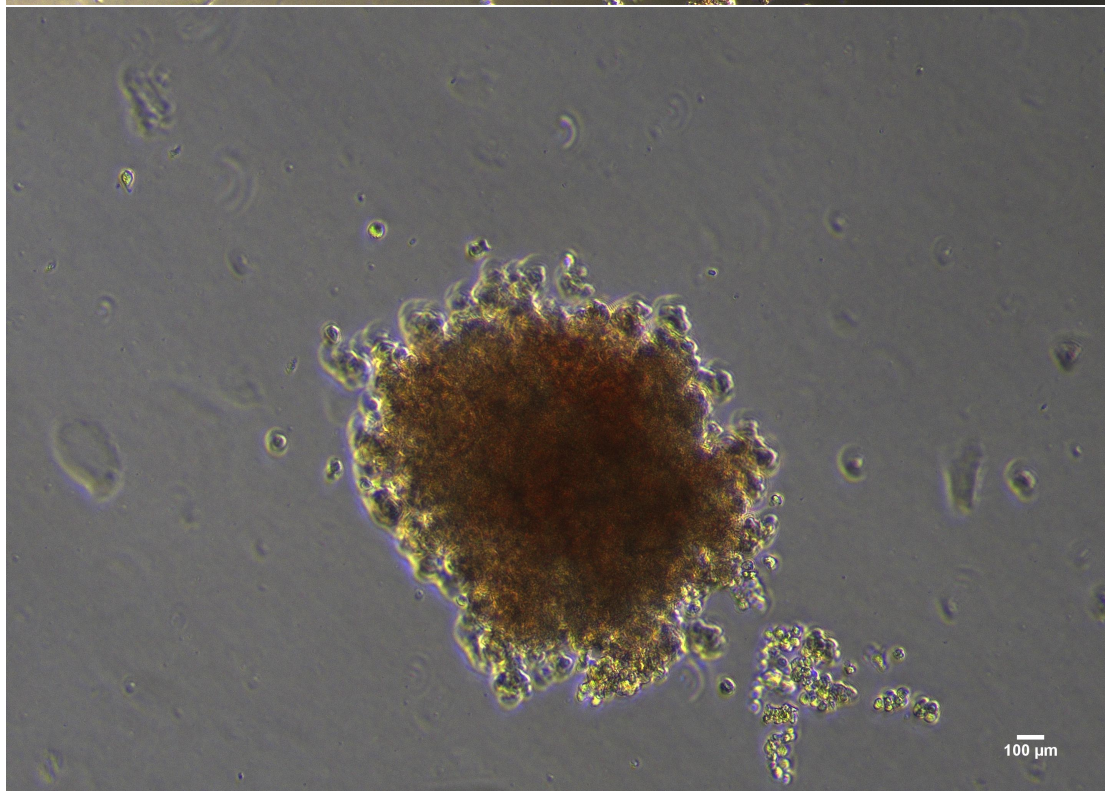
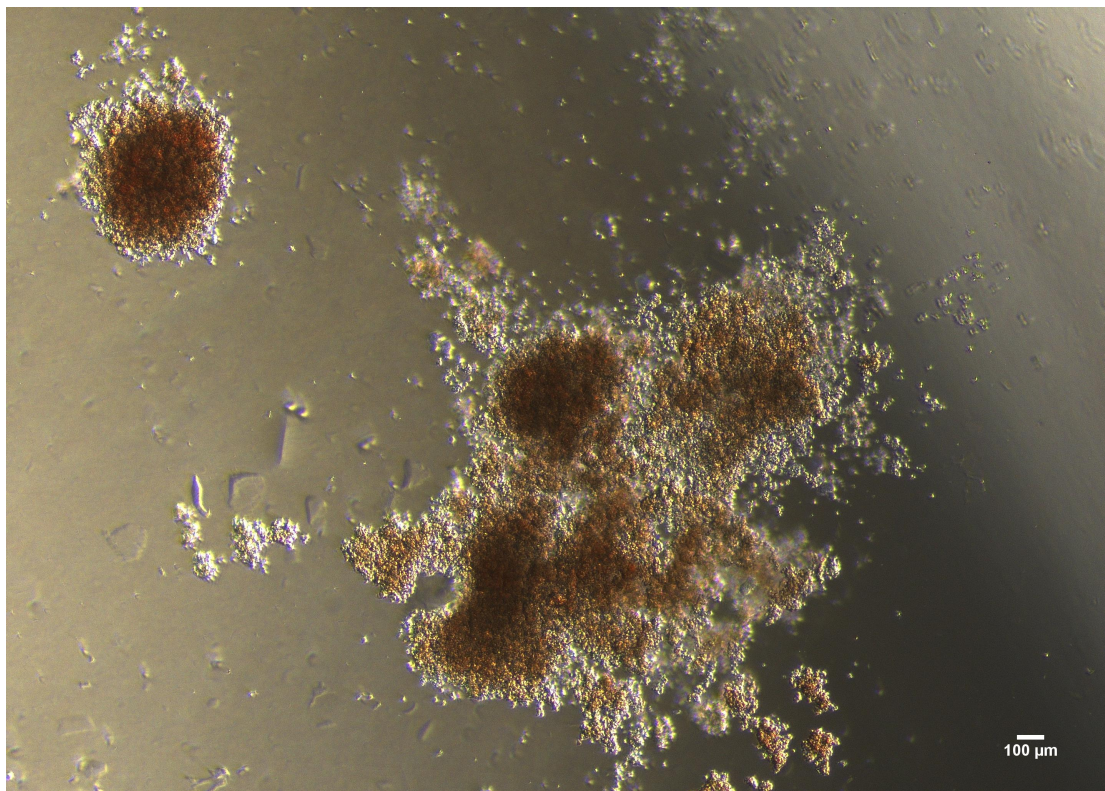
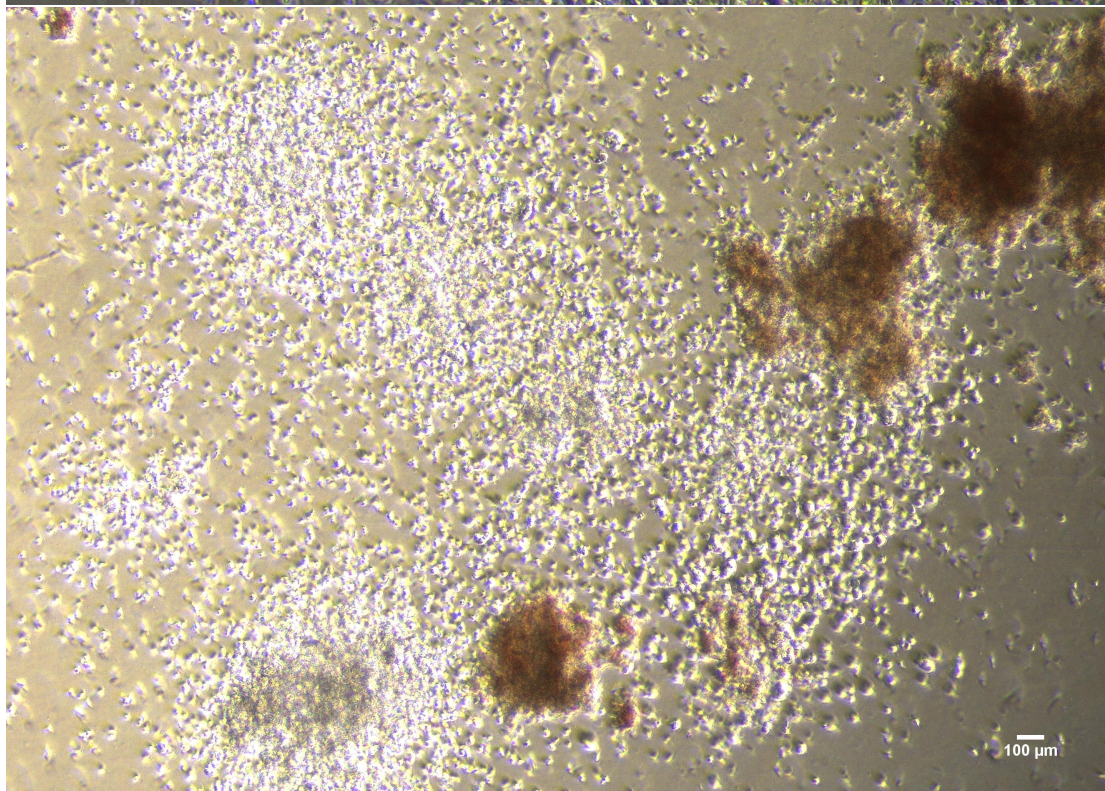
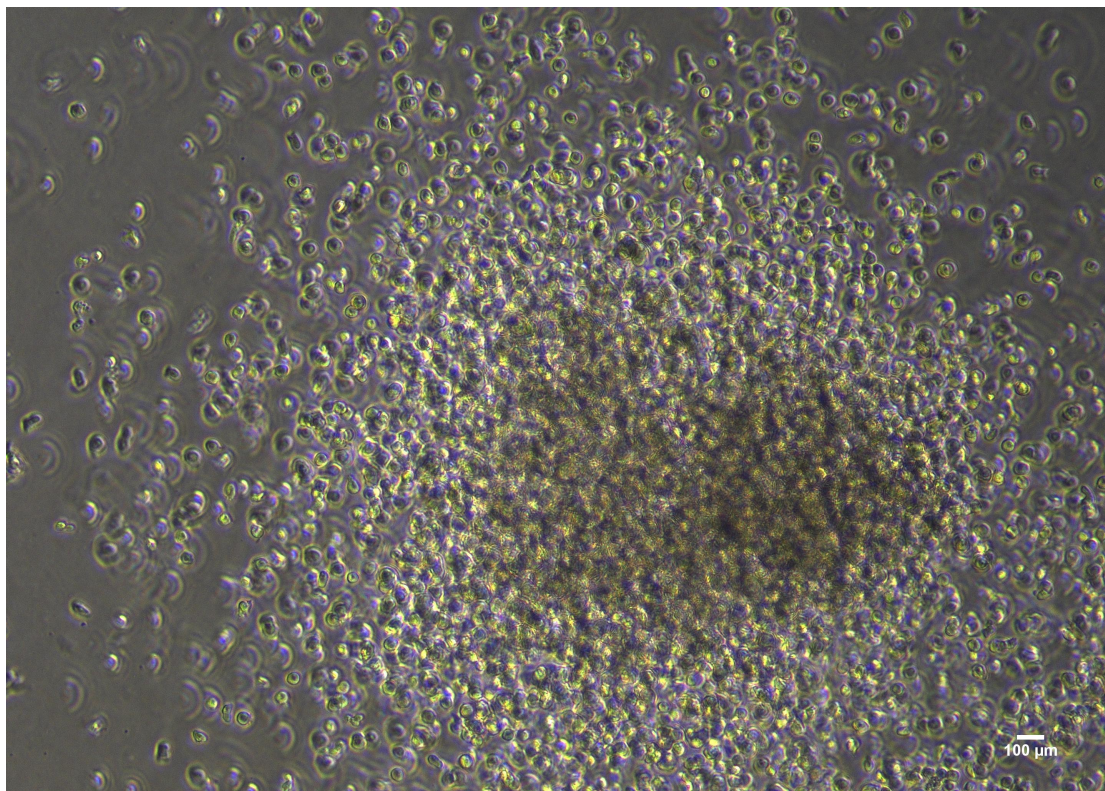
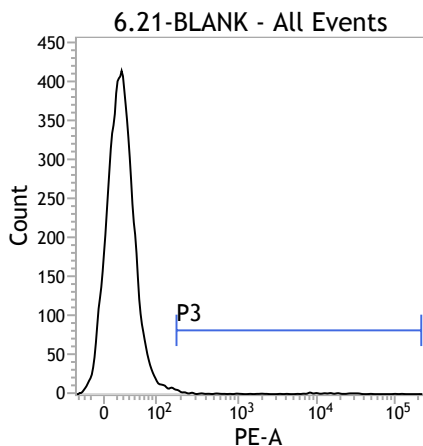
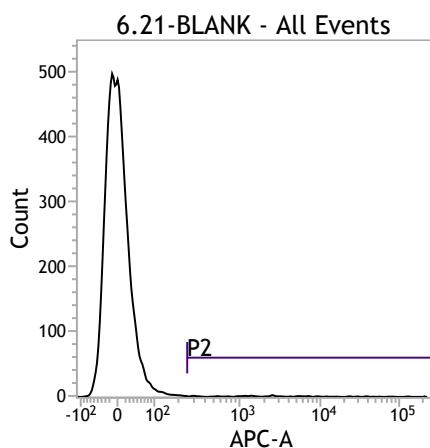
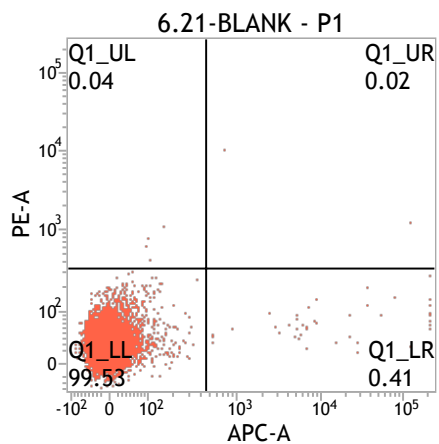
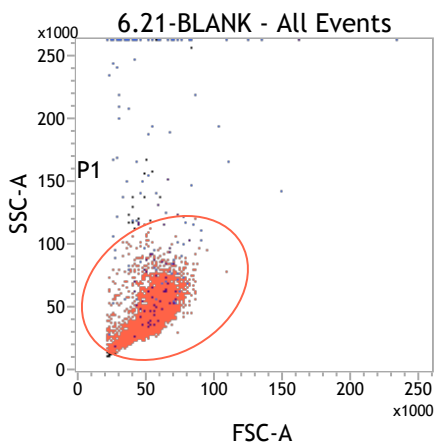


Figure 4 The CFU of HSPCS which RNP electroporation



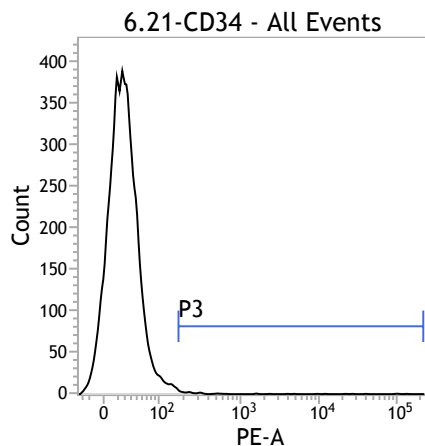
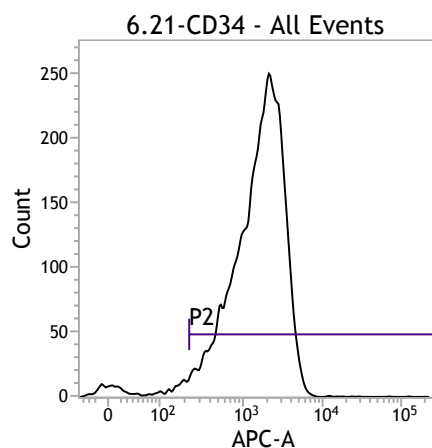
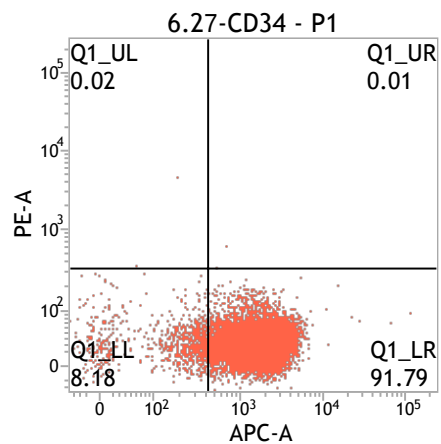
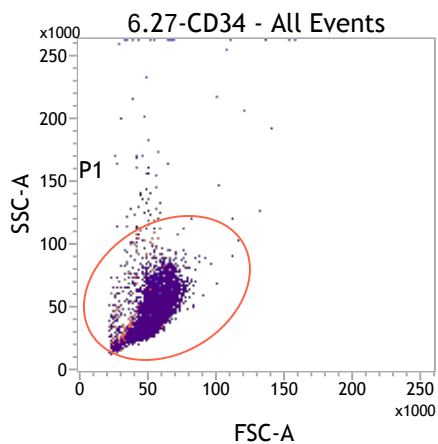






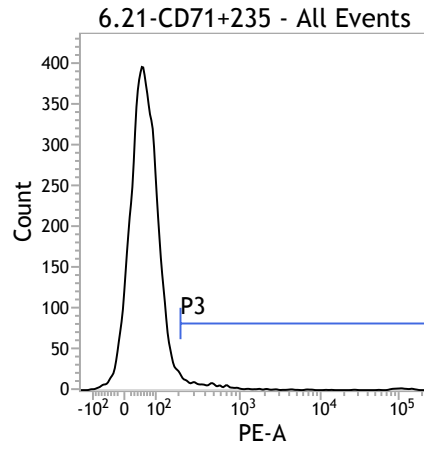
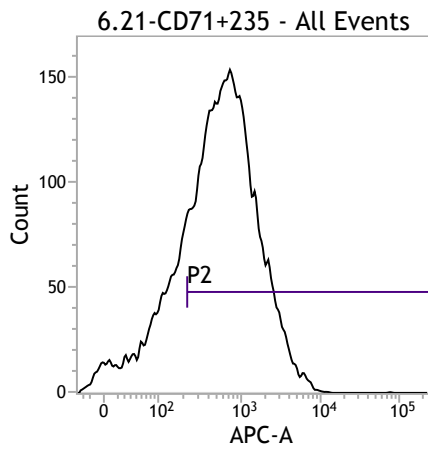
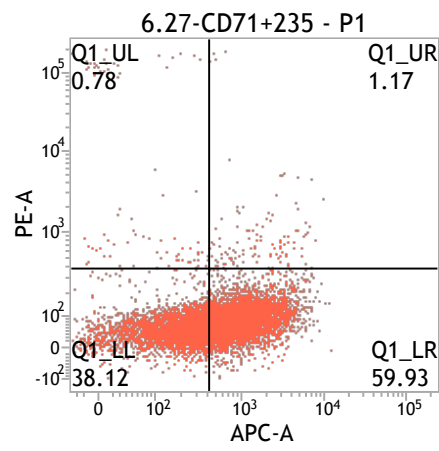
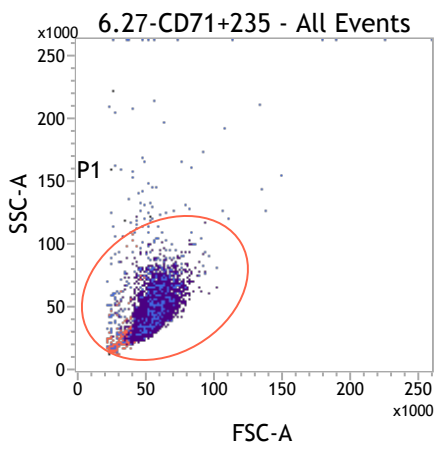
Statistics

Name	Events	% Parent	% Grandparent	% Total	APC-A Mean	PE-A Mean
6.21-BLANK:P1	10,000	98.93	***	98.93	321	33
6.21-BLANK:P2	114	1.13	***	1.13	33,107	11,805
6.21-BLANK:P3	105	1.04	***	1.04	6,031	10,439
6.21-ISO:P1	10,000	98.30	***	98.30	98	69
6.21-ISO:P2	231	2.27	***	2.27	6,762	8,944
6.21-ISO:P3	320	3.15	***	3.15	4,389	9,621
6.21-CD34:P1	10,000	99.31	***	99.31	2,016	33
6.21-CD34:P2	9,671	96.05	***	96.05	2,119	111
6.21-CD34:P3	59	0.59	***	0.59	5,960	9,110
6.21-CD71+235:P1	10,000	99.30	***	99.30	925	497
6.21-CD71+235:P2	7,917	78.62	***	78.62	1,155	234
6.21-CD71+235:P3	420	4.17	***	4.17	1,945	11,797



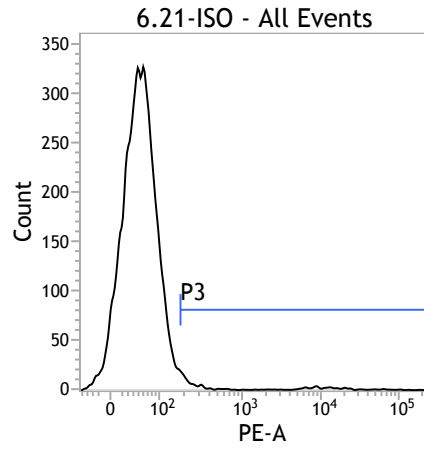
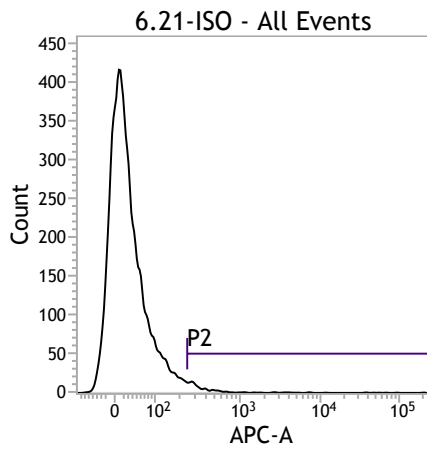
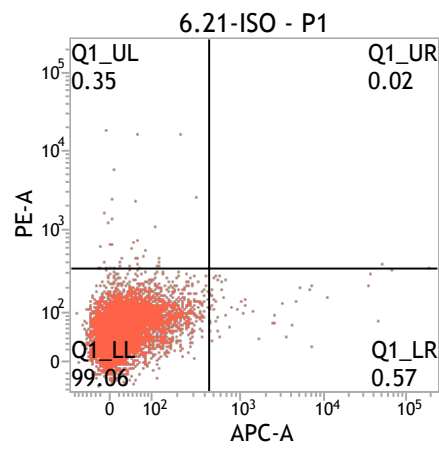
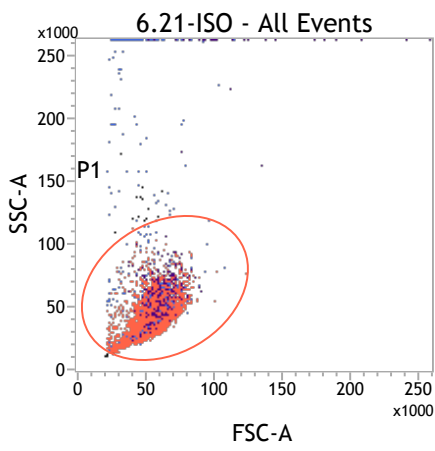
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6.21-CD34:P1	10,000	99.31	***	99.31	2,016	33
6.21-CD34:P2	9,671	96.05	***	96.05	2,119	111
6.21-CD34:P3	59	0.59	***	0.59	5,960	9,110
6.21-CD71+235:P1	10,000	99.30	***	99.30	925	497
6.21-CD71+235:P2	7,917	78.62	***	78.62	1,155	234
6.21-CD71+235:P3	420	4.17	***	4.17	1,945	11,797



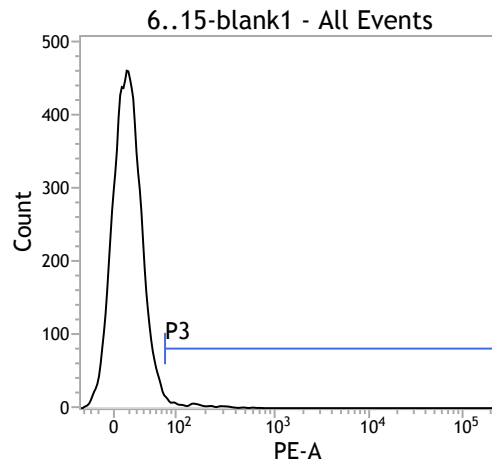
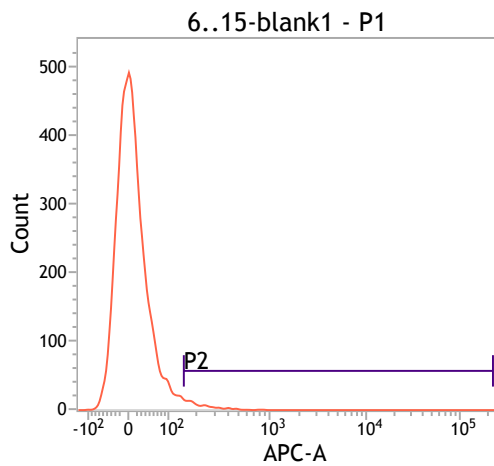
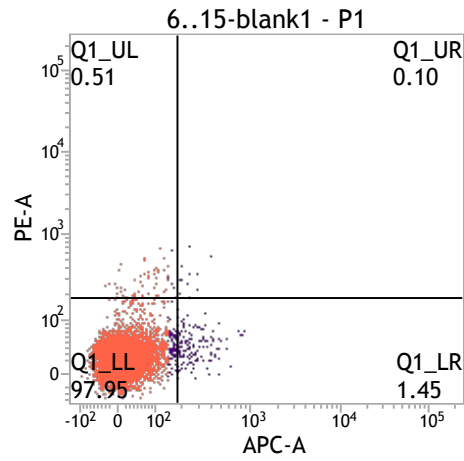
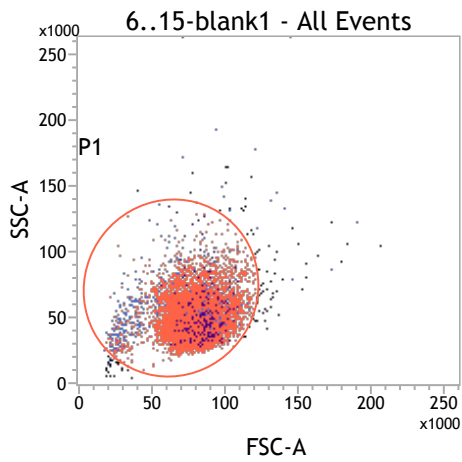
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6.21-CD34:P2	9,671	96.05	***	96.05	2,119	111
6.21-CD34:P3	59	0.59	***	0.59	5,960	9,110
6.21-CD71+235:P1	10,000	99.30	***	99.30	925	497
6.21-CD71+235:P2	7,917	78.62	***	78.62	1,155	234
6.21-CD71+235:P3	420	4.17	***	4.17	1,945	11,797



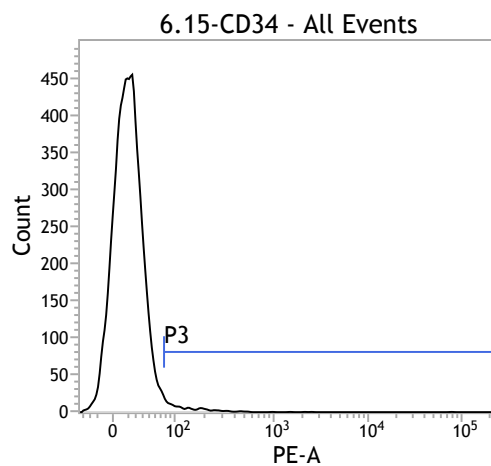
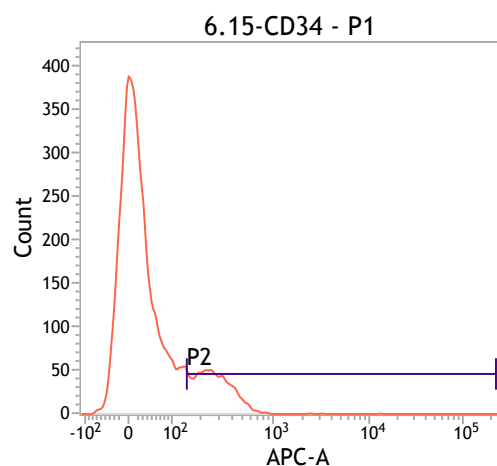
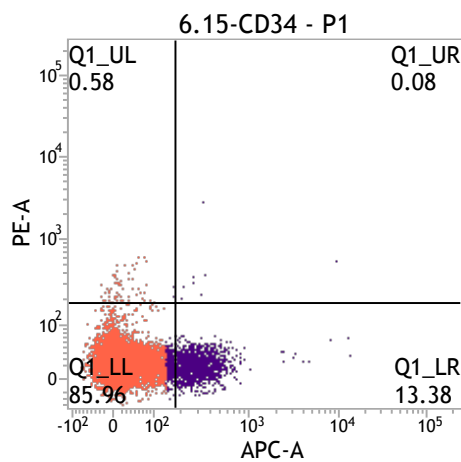
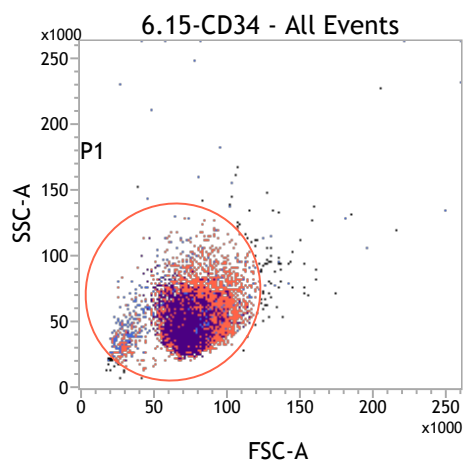
Statistics

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6.21-BLANK:P2	114	1.13	***	1.13	33,107	11,805
6.21-BLANK:P3	105	1.04	***	1.04	6,031	10,439
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6.21-CD34:P2	9,671	96.05	***	96.05	2,119	111
6.21-CD34:P3	59	0.59	***	0.59	5,960	9,110
6.21-CD71+235:P1	10,000	99.30	***	99.30	925	497
6.21-CD71+235:P2	7,917	78.62	***	78.62	1,155	234
6.21-CD71+235:P3	420	4.17	***	4.17	1,945	11,797



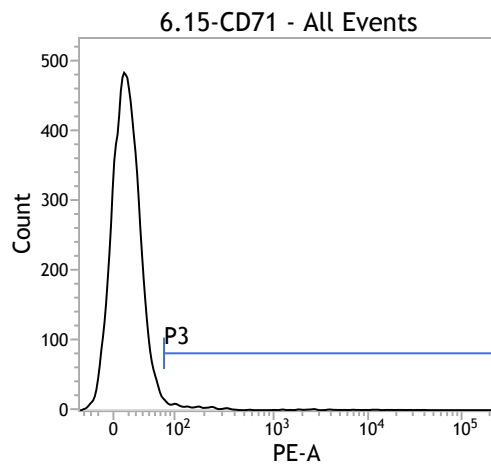
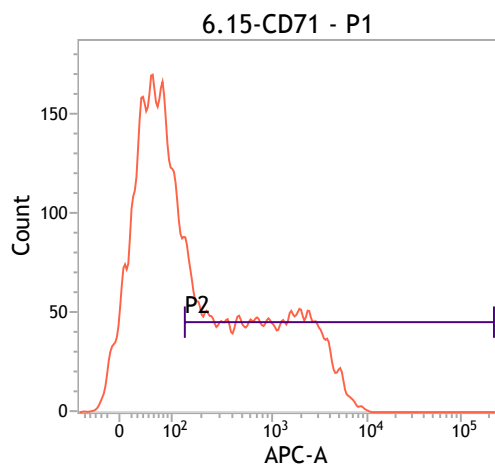
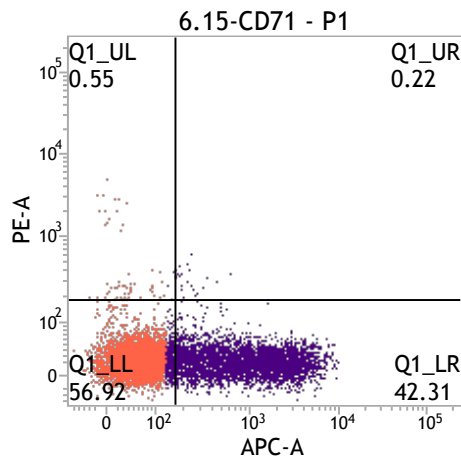
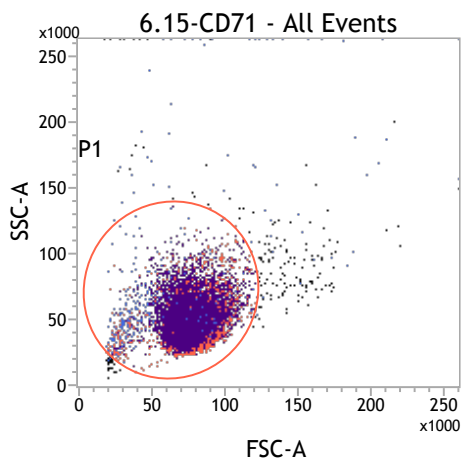
Statistics

Name	Events	% Parent	% Grandparent	% Total	APC-A Mean
6..15-blank1:P1	10,026	98.89	***	98.89	19
6..15-blank1:P2	226	2.25	2.23	2.23	261
6..15-blank1:P3	218	2.15	***	2.15	95
6.15-ISO:P1	10,014	98.74	***	98.74	3,266
6.15-ISO:P2	9,524	95.11	93.91	93.91	3,183
6.15-ISO:P3	526	5.19	***	5.19	8,258
6.15-ISO2:P1	10,005	98.46	***	98.46	65
6.15-ISO2:P2	141	1.41	1.39	1.39	3,119
6.15-ISO2:P3	553	5.44	***	5.44	663
6.15-CD34:P1	10,004	98.82	***	98.82	77
6.15-CD34:P2	1,597	15.96	15.78	15.78	347
6.15-CD34:P3	259	2.56	***	2.56	75
6.15-CD71:P1	10,104	97.83	***	97.83	675
6.15-CD71:P2	4,727	46.78	45.77	45.77	1,374
6.15-CD71:P3	272	2.63	***	2.63	278
6.15-CD235A:P1	10,000	93.76	***	93.76	5
6.15-CD235A:P2	55	0.55	0.52	0.52	1,013
6.15-CD235A:P3	2,294	21.51	***	21.51	4
6.15-CD71+235:P1	10,000	98.30	***	98.30	653
6.15-CD71+235:P2	4,570	45.70	44.92	44.92	1,362
6.15-CD71+235:P3	1,226	12.05	***	12.05	1,871



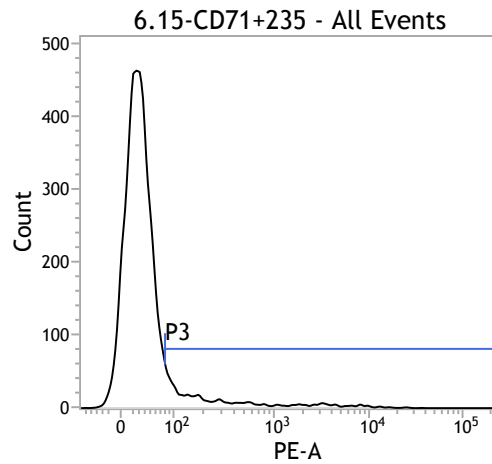
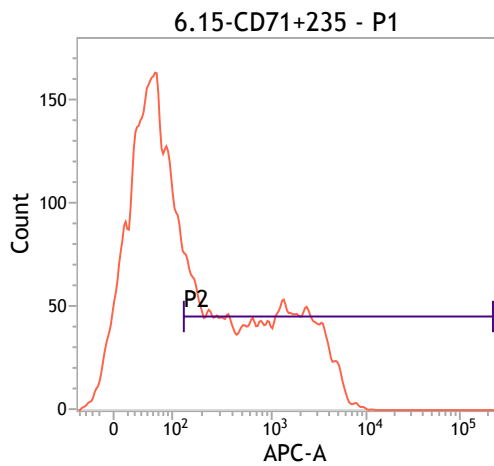
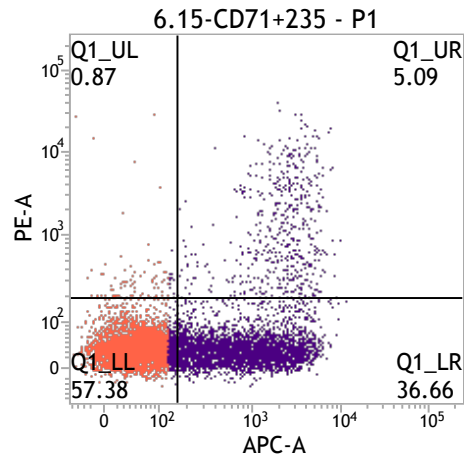
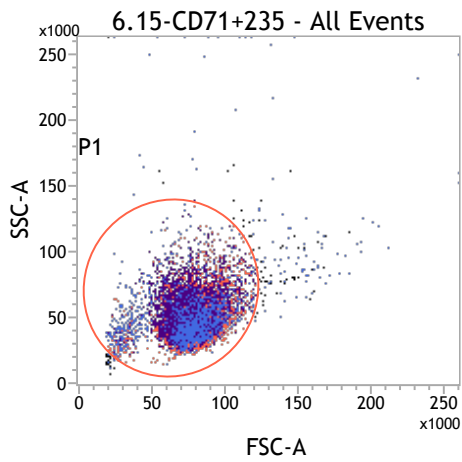
Statistics

Name	Events	% Parent	% Grandparent	% Total	APC-A Mean
6..15-blank1:P1	10,026	98.89	***	98.89	19
6..15-blank1:P2	226	2.25	2.23	2.23	261
6..15-blank1:P3	218	2.15	***	2.15	95
6.15-ISO:P1	10,014	98.74	***	98.74	3,266
6.15-ISO:P2	9,524	95.11	93.91	93.91	3,183
6.15-ISO:P3	526	5.19	***	5.19	8,258
6.15-ISO2:P1	10,005	98.46	***	98.46	65
6.15-ISO2:P2	141	1.41	1.39	1.39	3,119
6.15-ISO2:P3	553	5.44	***	5.44	663
6.15-CD34:P1	10,004	98.82	***	98.82	77
6.15-CD34:P2	1,597	15.96	15.78	15.78	347
6.15-CD34:P3	259	2.56	***	2.56	75
6.15-CD71:P1	10,104	97.83	***	97.83	675
6.15-CD71:P2	4,727	46.78	45.77	45.77	1,374
6.15-CD71:P3	272	2.63	***	2.63	278
6.15-CD235A:P1	10,000	93.76	***	93.76	5
6.15-CD235A:P2	55	0.55	0.52	0.52	1,013
6.15-CD235A:P3	2,294	21.51	***	21.51	4
6.15-CD71+235:P1	10,000	98.30	***	98.30	653
6.15-CD71+235:P2	4,570	45.70	44.92	44.92	1,362
6.15-CD71+235:P3	1,226	12.05	***	12.05	1,871



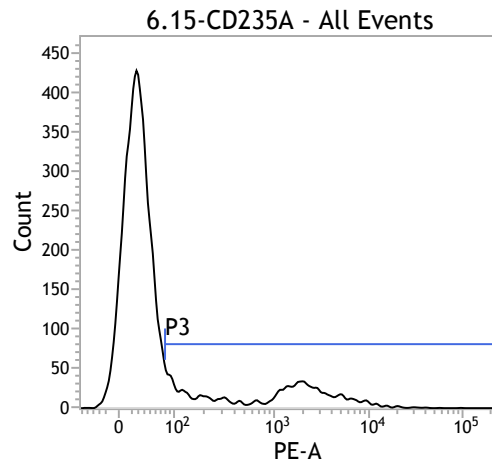
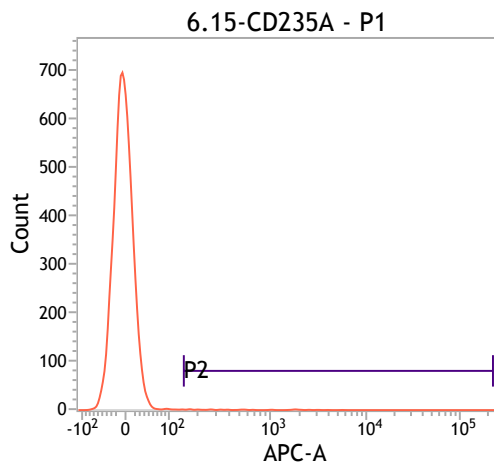
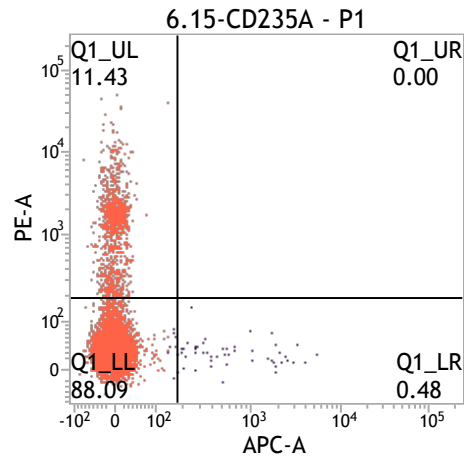
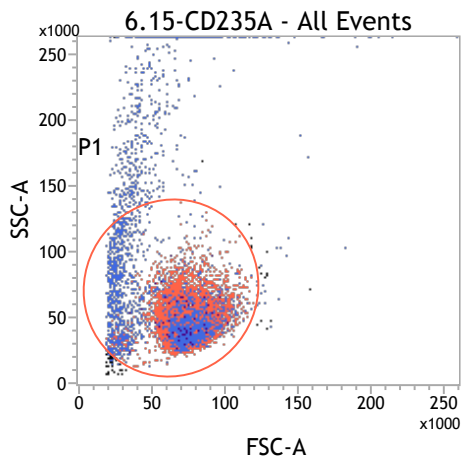
Statistics

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6..15-blank1:P1	10,026	98.89	***	98.89	19
6..15-blank1:P2	226	2.25	2.23	2.23	261
6..15-blank1:P3	218	2.15	***	2.15	95
6.15-ISO:P1	10,014	98.74	***	98.74	3,266
6.15-ISO:P2	9,524	95.11	93.91	93.91	3,183
6.15-ISO:P3	526	5.19	***	5.19	8,258
6.15-ISO2:P1	10,005	98.46	***	98.46	65
6.15-ISO2:P2	141	1.41	1.39	1.39	3,119
6.15-ISO2:P3	553	5.44	***	5.44	663
6.15-CD34:P1	10,004	98.82	***	98.82	77
6.15-CD34:P2	1,597	15.96	15.78	15.78	347
6.15-CD34:P3	259	2.56	***	2.56	75
6.15-CD71:P1	10,104	97.83	***	97.83	675
6.15-CD71:P2	4,727	46.78	45.77	45.77	1,374
6.15-CD71:P3	272	2.63	***	2.63	278
6.15-CD235A:P1	10,000	93.76	***	93.76	5
6.15-CD235A:P2	55	0.55	0.52	0.52	1,013
6.15-CD235A:P3	2,294	21.51	***	21.51	4
6.15-CD71+235:P1	10,000	98.30	***	98.30	653
6.15-CD71+235:P2	4,570	45.70	44.92	44.92	1,362
6.15-CD71+235:P3	1,226	12.05	***	12.05	1,871



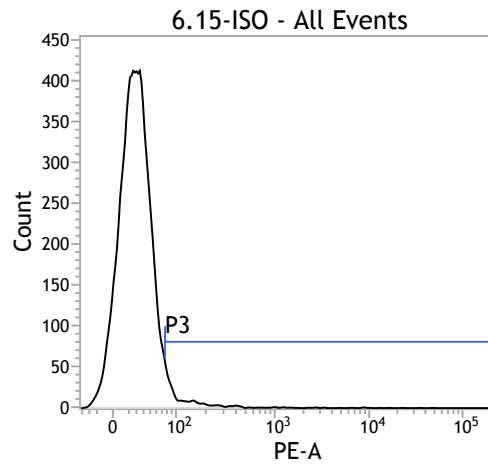
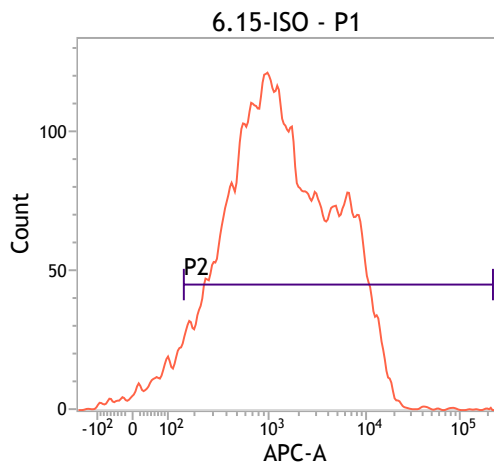
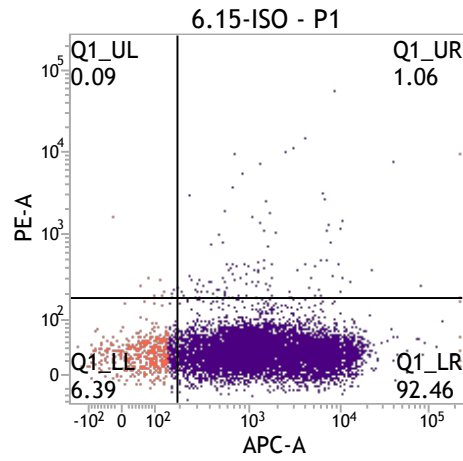
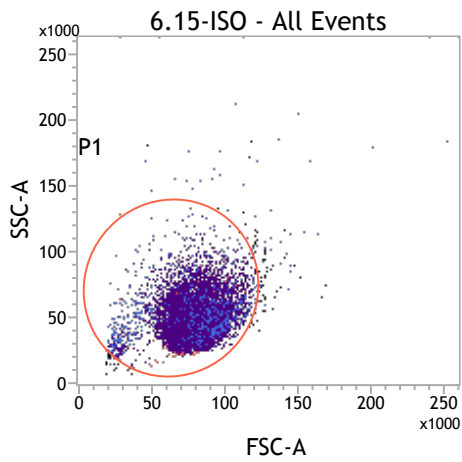
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6.15-ISO:P1	10,014	98.74	***	98.74	3,266
6.15-ISO:P2	9,524	95.11	93.91	93.91	3,183
6.15-ISO:P3	526	5.19	***	5.19	8,258
6.15-ISO2:P1	10,005	98.46	***	98.46	65
6.15-ISO2:P2	141	1.41	1.39	1.39	3,119
6.15-ISO2:P3	553	5.44	***	5.44	663
6.15-CD34:P1	10,004	98.82	***	98.82	77
6.15-CD34:P2	1,597	15.96	15.78	15.78	347
6.15-CD34:P3	259	2.56	***	2.56	75
6.15-CD71:P1	10,104	97.83	***	97.83	675
6.15-CD71:P2	4,727	46.78	45.77	45.77	1,374
6.15-CD71:P3	272	2.63	***	2.63	278
6.15-CD235A:P1	10,000	93.76	***	93.76	5
6.15-CD235A:P2	55	0.55	0.52	0.52	1,013
6.15-CD235A:P3	2,294	21.51	***	21.51	4
6.15-CD71+235:P1	10,000	98.30	***	98.30	653
6.15-CD71+235:P2	4,570	45.70	44.92	44.92	1,362
6.15-CD71+235:P3	1,226	12.05	***	12.05	1,871



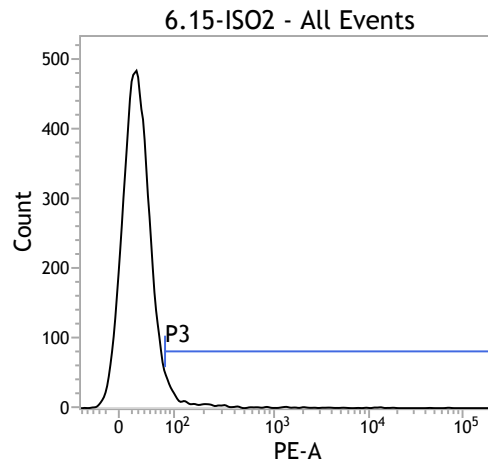
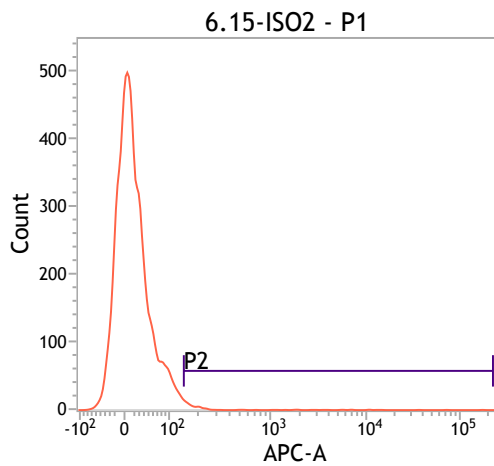
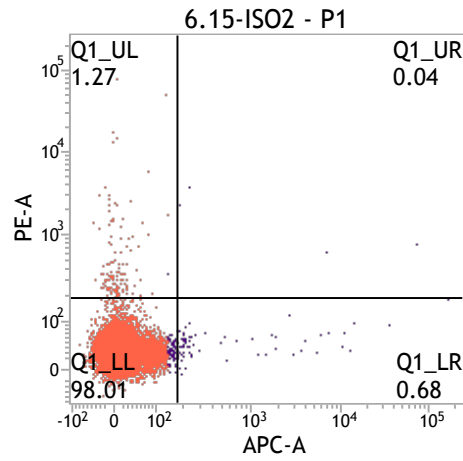
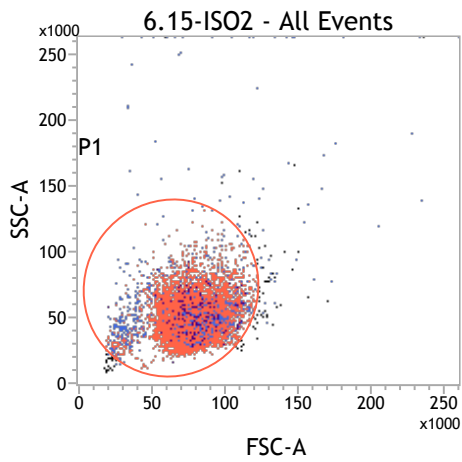
Statistics

Name	Events	% Parent	% Grandparent	% Total	APC-A Mean
6..15-blank1:P1	10,026	98.89	***	98.89	19
6..15-blank1:P2	226	2.25	2.23	2.23	261
6..15-blank1:P3	218	2.15	***	2.15	95
6.15-ISO:P1	10,014	98.74	***	98.74	3,266
6.15-ISO:P2	9,524	95.11	93.91	93.91	3,183
6.15-ISO:P3	526	5.19	***	5.19	8,258
6.15-ISO2:P1	10,005	98.46	***	98.46	65
6.15-ISO2:P2	141	1.41	1.39	1.39	3,119
6.15-ISO2:P3	553	5.44	***	5.44	663
6.15-CD34:P1	10,004	98.82	***	98.82	77
6.15-CD34:P2	1,597	15.96	15.78	15.78	347
6.15-CD34:P3	259	2.56	***	2.56	75
6.15-CD71:P1	10,104	97.83	***	97.83	675
6.15-CD71:P2	4,727	46.78	45.77	45.77	1,374
6.15-CD71:P3	272	2.63	***	2.63	278
6.15-CD235A:P1	10,000	93.76	***	93.76	5
6.15-CD235A:P2	55	0.55	0.52	0.52	1,013
6.15-CD235A:P3	2,294	21.51	***	21.51	4
6.15-CD71+235:P1	10,000	98.30	***	98.30	653
6.15-CD71+235:P2	4,570	45.70	44.92	44.92	1,362
6.15-CD71+235:P3	1,226	12.05	***	12.05	1,871



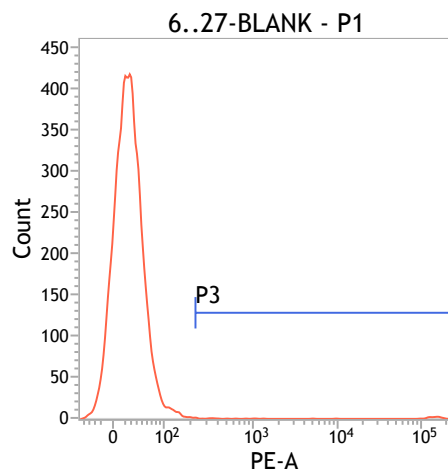
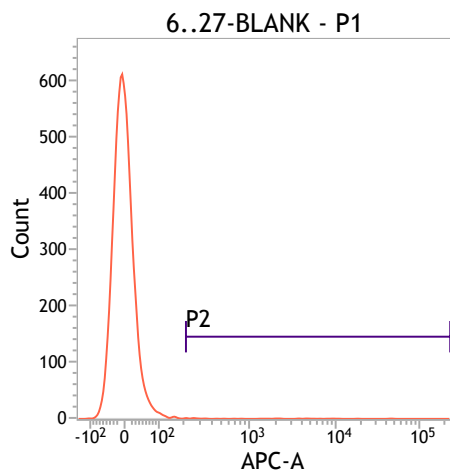
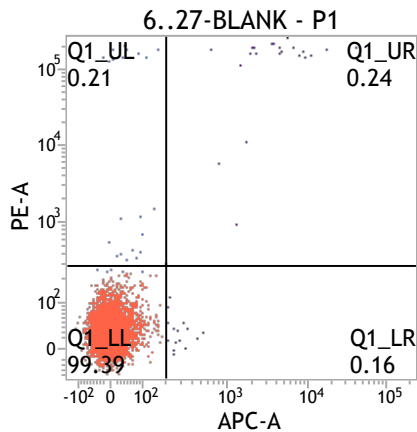
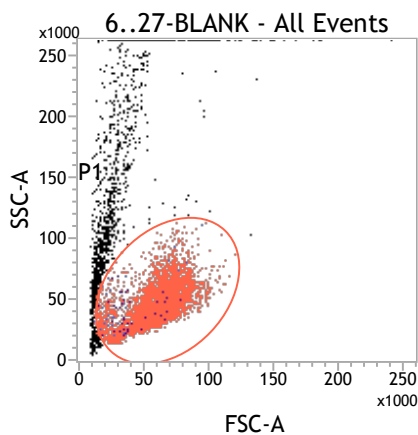
Statistics

Name	Events	% Parent	% Grandparent	% Total	APC-A Mean
6..15-blank1:P1	10,026	98.89	***	98.89	19
6..15-blank1:P2	226	2.25	2.23	2.23	261
6..15-blank1:P3	218	2.15	***	2.15	95
6.15-ISO:P1	10,014	98.74	***	98.74	3,266
6.15-ISO:P2	9,524	95.11	93.91	93.91	3,183
6.15-ISO:P3	526	5.19	***	5.19	8,258
6.15-ISO2:P1	10,005	98.46	***	98.46	65
6.15-ISO2:P2	141	1.41	1.39	1.39	3,119
6.15-ISO2:P3	553	5.44	***	5.44	663
6.15-CD34:P1	10,004	98.82	***	98.82	77
6.15-CD34:P2	1,597	15.96	15.78	15.78	347
6.15-CD34:P3	259	2.56	***	2.56	75
6.15-CD71:P1	10,104	97.83	***	97.83	675
6.15-CD71:P2	4,727	46.78	45.77	45.77	1,374
6.15-CD71:P3	272	2.63	***	2.63	278
6.15-CD235A:P1	10,000	93.76	***	93.76	5
6.15-CD235A:P2	55	0.55	0.52	0.52	1,013
6.15-CD235A:P3	2,294	21.51	***	21.51	4
6.15-CD71+235:P1	10,000	98.30	***	98.30	653
6.15-CD71+235:P2	4,570	45.70	44.92	44.92	1,362
6.15-CD71+235:P3	1,226	12.05	***	12.05	1,871



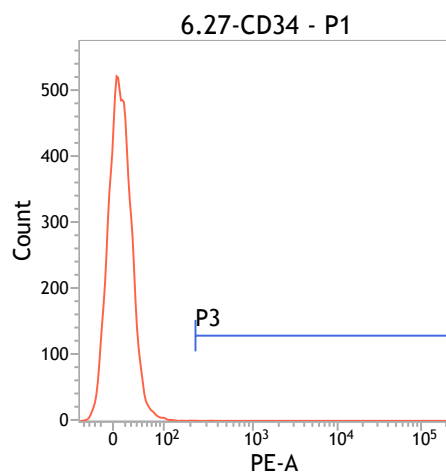
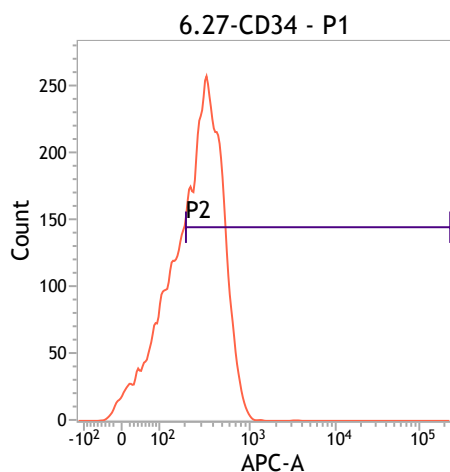
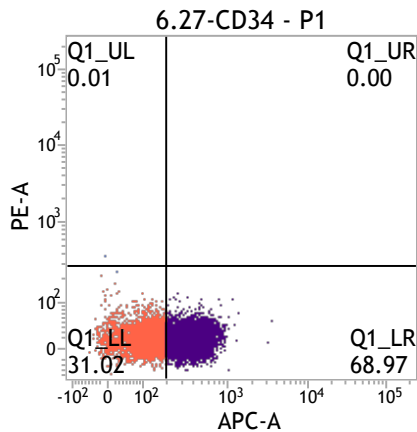
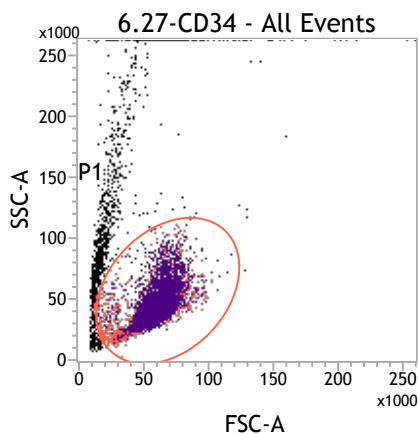
Statistics

Name	Events	% Parent	% Grandparent	% Total	APC-A Mean
6..15-blank1:P1	10,026	98.89	***	98.89	19
6..15-blank1:P2	226	2.25	2.23	2.23	261
6..15-blank1:P3	218	2.15	***	2.15	95
6.15-ISO:P1	10,014	98.74	***	98.74	3,266
6.15-ISO:P2	9,524	95.11	93.91	93.91	3,183
6.15-ISO:P3	526	5.19	***	5.19	8,258
6.15-ISO2:P1	10,005	98.46	***	98.46	65
6.15-ISO2:P2	141	1.41	1.39	1.39	3,119
6.15-ISO2:P3	553	5.44	***	5.44	663
6.15-CD34:P1	10,004	98.82	***	98.82	77
6.15-CD34:P2	1,597	15.96	15.78	15.78	347
6.15-CD34:P3	259	2.56	***	2.56	75
6.15-CD71:P1	10,104	97.83	***	97.83	675
6.15-CD71:P2	4,727	46.78	45.77	45.77	1,374
6.15-CD71:P3	272	2.63	***	2.63	278
6.15-CD235A:P1	10,000	93.76	***	93.76	5
6.15-CD235A:P2	55	0.55	0.52	0.52	1,013
6.15-CD235A:P3	2,294	21.51	***	21.51	4
6.15-CD71+235:P1	10,000	98.30	***	98.30	653
6.15-CD71+235:P2	4,570	45.70	44.92	44.92	1,362
6.15-CD71+235:P3	1,226	12.05	***	12.05	1,871



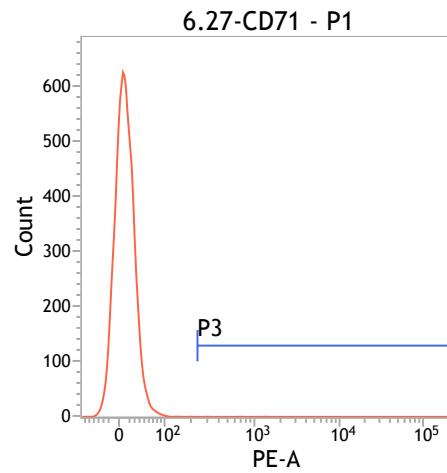
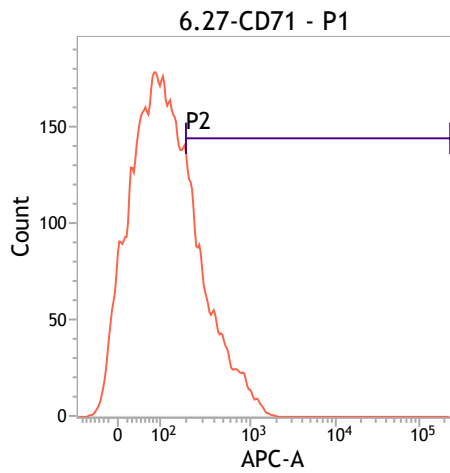
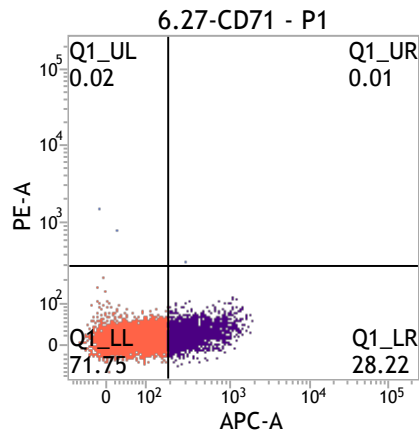
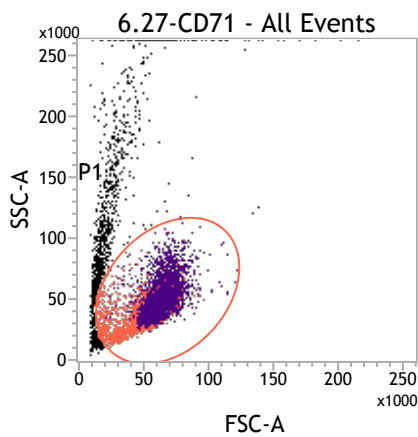
Statistics

Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
MNC-BLANK:P1	9,368	86.18	***	86.18	52	25
MNC-BLANK:P2	130	1.39	1.20	1.20	108	508
MNC-BLANK:P3	35	0.37	0.32	0.32	361	384
MNC-ISO:P1	9,429	88.05	***	88.05	43	39
MNC-ISO:P2	44	0.47	0.41	0.41	103	6,397
MNC-ISO:P3	189	2.00	1.76	1.76	1,377	1,026
MNC-CD34:P1	9,369	86.49	***	86.49	6	2
MNC-CD34:P2	42	0.45	0.39	0.39	12	485
MNC-CD34:P3	0	0.00	0.00	0.00	***	***
MNC-CD71:P1	9,470	87.75	***	87.75	6	116
MNC-CD71:P2	1,479	15.62	13.70	13.70	8	529
MNC-CD71:P3	1	0.01	0.01	0.01	1,195	13
MNC-CD235:P1	9,384	85.63	***	85.63	19,894	0
MNC-CD235:P2	0	0.00	0.00	0.00	***	***
MNC-CD235:P3	6,042	64.39	55.13	55.13	30,881	0
MNC-CD71+235:P1	9,316	83.75	***	83.75	20,193	114
MNC-CD71+235:P2	1,385	14.87	12.45	12.45	34,450	555
MNC-CD71+235:P3	5,949	63.86	53.48	53.48	31,602	174
6..27-BLANK:P1	9,984	88.39	***	88.39	535	25
6..27-BLANK:P2	39	0.39	0.35	0.35	89,023	5,599
6..27-BLANK:P3	49	0.49	0.43	0.43	97,546	4,264
6..27-ISO:P1	9,571	91.23	***	91.23	104	27
6..27-ISO:P2	40	0.42	0.38	0.38	305	4,461
6..27-ISO:P3	110	1.15	1.05	1.05	4,835	568
6..27-CD34:P1	10,109	90.12	***	90.12	16	318
6..27-CD34:P2	6,821	67.47	60.81	60.81	15	412
6..27-CD34:P3	2	0.02	0.02	0.02	298	15
6..27-CD71:P1	10,113	90.13	***	90.13	15	176
6..27-CD71:P2	2,730	26.99	24.33	24.33	22	419
6..27-CD71:P3	3	0.03	0.03	0.03	852	114
6..27-CD235:P1	10,000	87.90	***	87.90	400	-2
6..27-CD235:P2	1	0.01	0.01	0.01	72	371
6..27-CD235:P3	261	2.61	2.29	2.29	13,307	-3



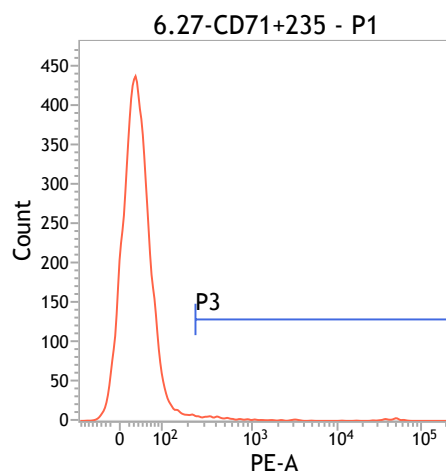
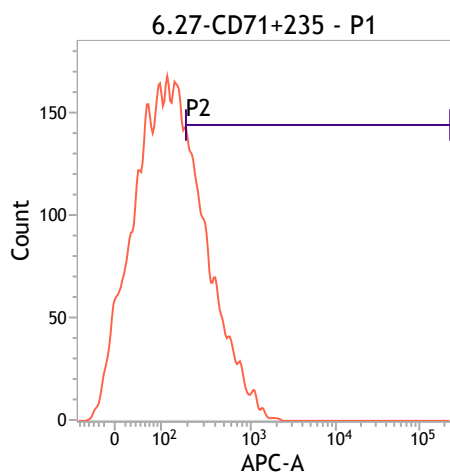
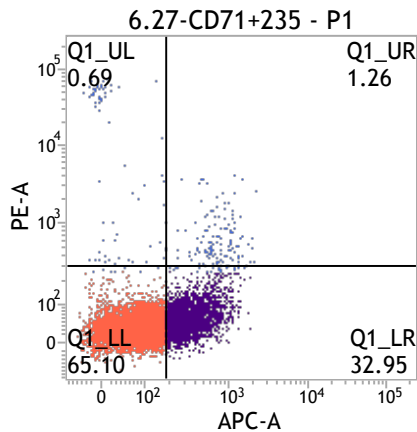
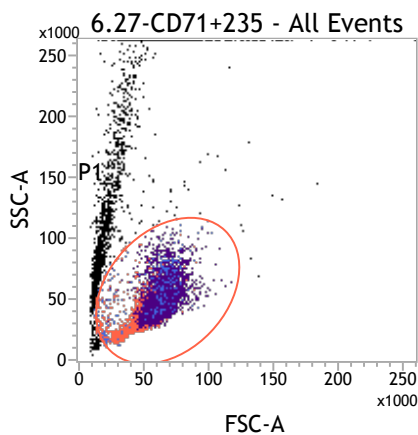
Statistics

Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
MNC-BLANK:P1	9,368	86.18	***	86.18	52	25
MNC-BLANK:P2	130	1.39	1.20	1.20	108	508
MNC-BLANK:P3	35	0.37	0.32	0.32	361	384
MNC-ISO:P1	9,429	88.05	***	88.05	43	39
MNC-ISO:P2	44	0.47	0.41	0.41	103	6,397
MNC-ISO:P3	189	2.00	1.76	1.76	1,377	1,026
MNC-CD34:P1	9,369	86.49	***	86.49	6	2
MNC-CD34:P2	42	0.45	0.39	0.39	12	485
MNC-CD34:P3	0	0.00	0.00	0.00	***	***
MNC-CD71:P1	9,470	87.75	***	87.75	6	116
MNC-CD71:P2	1,479	15.62	13.70	13.70	8	529
MNC-CD71:P3	1	0.01	0.01	0.01	1,195	13
MNC-CD235:P1	9,384	85.63	***	85.63	19,894	0
MNC-CD235:P2	0	0.00	0.00	0.00	***	***
MNC-CD235:P3	6,042	64.39	55.13	55.13	30,881	0
MNC-CD71+235:P1	9,316	83.75	***	83.75	20,193	114
MNC-CD71+235:P2	1,385	14.87	12.45	12.45	34,450	555
MNC-CD71+235:P3	5,949	63.86	53.48	53.48	31,602	174
6..27-BLANK:P1	9,984	88.39	***	88.39	535	25
6..27-BLANK:P2	39	0.39	0.35	0.35	89,023	5,599
6..27-BLANK:P3	49	0.49	0.43	0.43	97,546	4,264
6.27-ISO:P1	9,571	91.23	***	91.23	104	27
6.27-ISO:P2	40	0.42	0.38	0.38	305	4,461
6.27-ISO:P3	110	1.15	1.05	1.05	4,835	568
6.27-CD34:P1	10,109	90.12	***	90.12	16	318
6.27-CD34:P2	6,821	67.47	60.81	60.81	15	412
6.27-CD34:P3	2	0.02	0.02	0.02	298	15
6.27-CD71:P1	10,113	90.13	***	90.13	15	176
6.27-CD71:P2	2,730	26.99	24.33	24.33	22	419
6.27-CD71:P3	3	0.03	0.03	0.03	852	114
6.27-CD235:P1	10,000	87.90	***	87.90	400	-2
6.27-CD235:P2	1	0.01	0.01	0.01	72	371
6.27-CD235:P3	261	2.61	2.29	2.29	13,307	-3



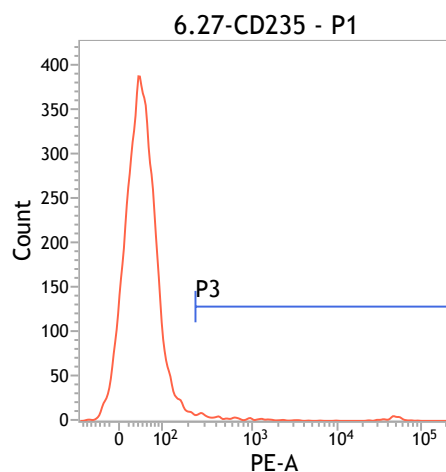
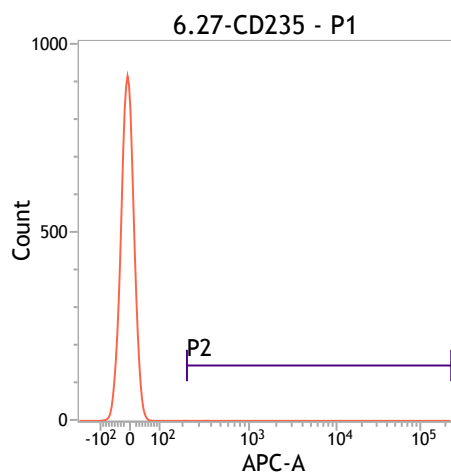
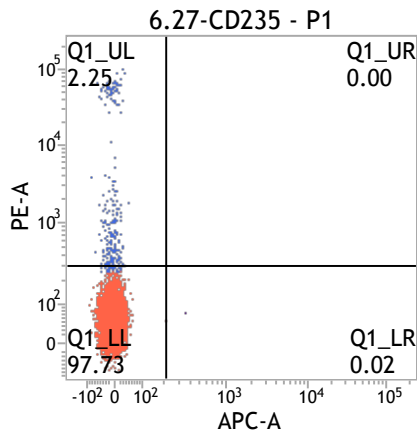
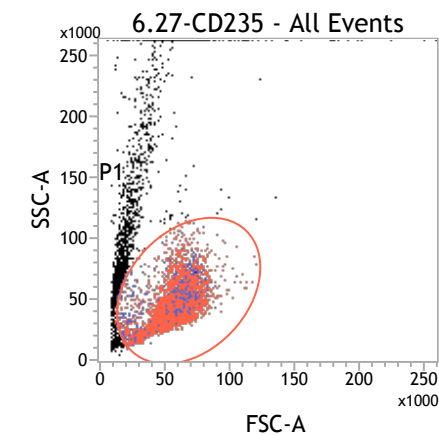
Statistics

Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
MNC-BLANK:P1	9,368	86.18	***	86.18	52	25
MNC-BLANK:P2	130	1.39	1.20	1.20	108	508
MNC-BLANK:P3	35	0.37	0.32	0.32	361	384
MNC-ISO:P1	9,429	88.05	***	88.05	43	39
MNC-ISO:P2	44	0.47	0.41	0.41	103	6,397
MNC-ISO:P3	189	2.00	1.76	1.76	1,377	1,026
MNC-CD34:P1	9,369	86.49	***	86.49	6	2
MNC-CD34:P2	42	0.45	0.39	0.39	12	485
MNC-CD34:P3	0	0.00	0.00	0.00	***	***
MNC-CD71:P1	9,470	87.75	***	87.75	6	116
MNC-CD71:P2	1,479	15.62	13.70	13.70	8	529
MNC-CD71:P3	1	0.01	0.01	0.01	1,195	13
MNC-CD235:P1	9,384	85.63	***	85.63	19,894	0
MNC-CD235:P2	0	0.00	0.00	0.00	***	***
MNC-CD235:P3	6,042	64.39	55.13	55.13	30,881	0
MNC-CD71+235:P1	9,316	83.75	***	83.75	20,193	114
MNC-CD71+235:P2	1,385	14.87	12.45	12.45	34,450	555
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6.27-CD71:P1	10,113	90.13	***	90.13	15	176
6.27-CD71:P2	2,730	26.99	24.33	24.33	22	419
6.27-CD71:P3	3	0.03	0.03	0.03	852	114
6.27-CD235:P1	10,000	87.90	***	87.90	400	-2
6.27-CD235:P2	1	0.01	0.01	0.01	72	371
6.27-CD235:P3	261	2.61	2.29	2.29	13,307	-3



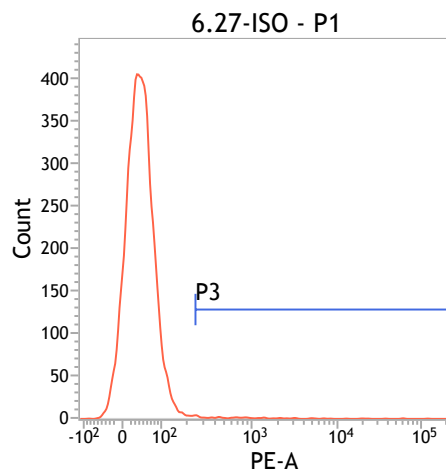
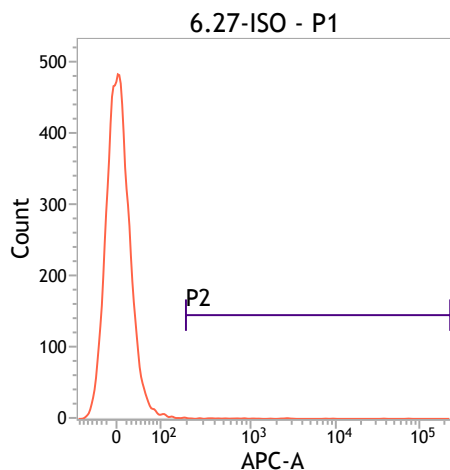
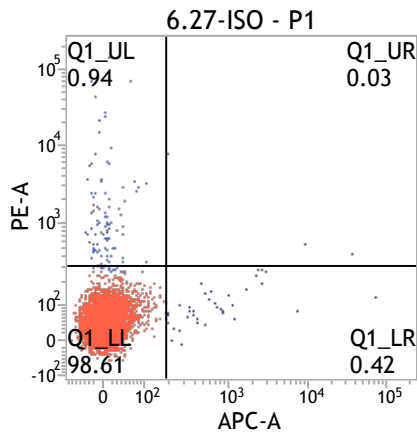
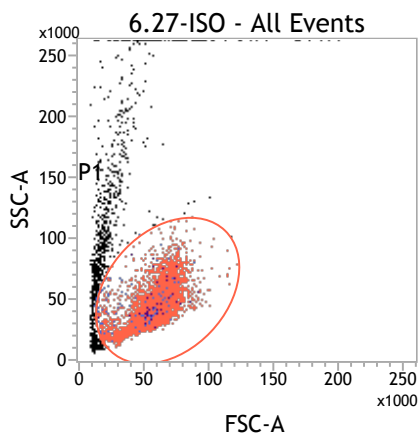
Statistics

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MNC-BLANK:P1	9,368	86.18	***	86.18	52	25
MNC-BLANK:P2	130	1.39	1.20	1.20	108	508
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MNC-ISO:P3	189	2.00	1.76	1.76	1,377	1,026
MNC-CD34:P1	9,369	86.49	***	86.49	6	2
MNC-CD34:P2	42	0.45	0.39	0.39	12	485
MNC-CD34:P3	0	0.00	0.00	0.00	***	***
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MNC-CD71:P3	1	0.01	0.01	0.01	1,195	13
MNC-CD235:P1	9,384	85.63	***	85.63	19,894	0
MNC-CD235:P2	0	0.00	0.00	0.00	***	***
MNC-CD235:P3	6,042	64.39	55.13	55.13	30,881	0
MNC-CD71+235:P1	9,316	83.75	***	83.75	20,193	114
MNC-CD71+235:P2	1,385	14.87	12.45	12.45	34,450	555
MNC-CD71+235:P3	5,949	63.86	53.48	53.48	31,602	174
6..27-BLANK:P1	9,984	88.39	***	88.39	535	25
6..27-BLANK:P2	39	0.39	0.35	0.35	89,023	5,599
6..27-BLANK:P3	49	0.49	0.43	0.43	97,546	4,264
6.27-ISO:P1	9,571	91.23	***	91.23	104	27
6.27-ISO:P2	40	0.42	0.38	0.38	305	4,461
6.27-ISO:P3	110	1.15	1.05	1.05	4,835	568
6.27-CD34:P1	10,109	90.12	***	90.12	16	318
6.27-CD34:P2	6,821	67.47	60.81	60.81	15	412
6.27-CD34:P3	2	0.02	0.02	0.02	298	15
6.27-CD71:P1	10,113	90.13	***	90.13	15	176
6.27-CD71:P2	2,730	26.99	24.33	24.33	22	419
6.27-CD71:P3	3	0.03	0.03	0.03	852	114
6.27-CD235:P1	10,000	87.90	***	87.90	400	-2
6.27-CD235:P2	1	0.01	0.01	0.01	72	371
6.27-CD235:P3	261	2.61	2.29	2.29	13,307	-3



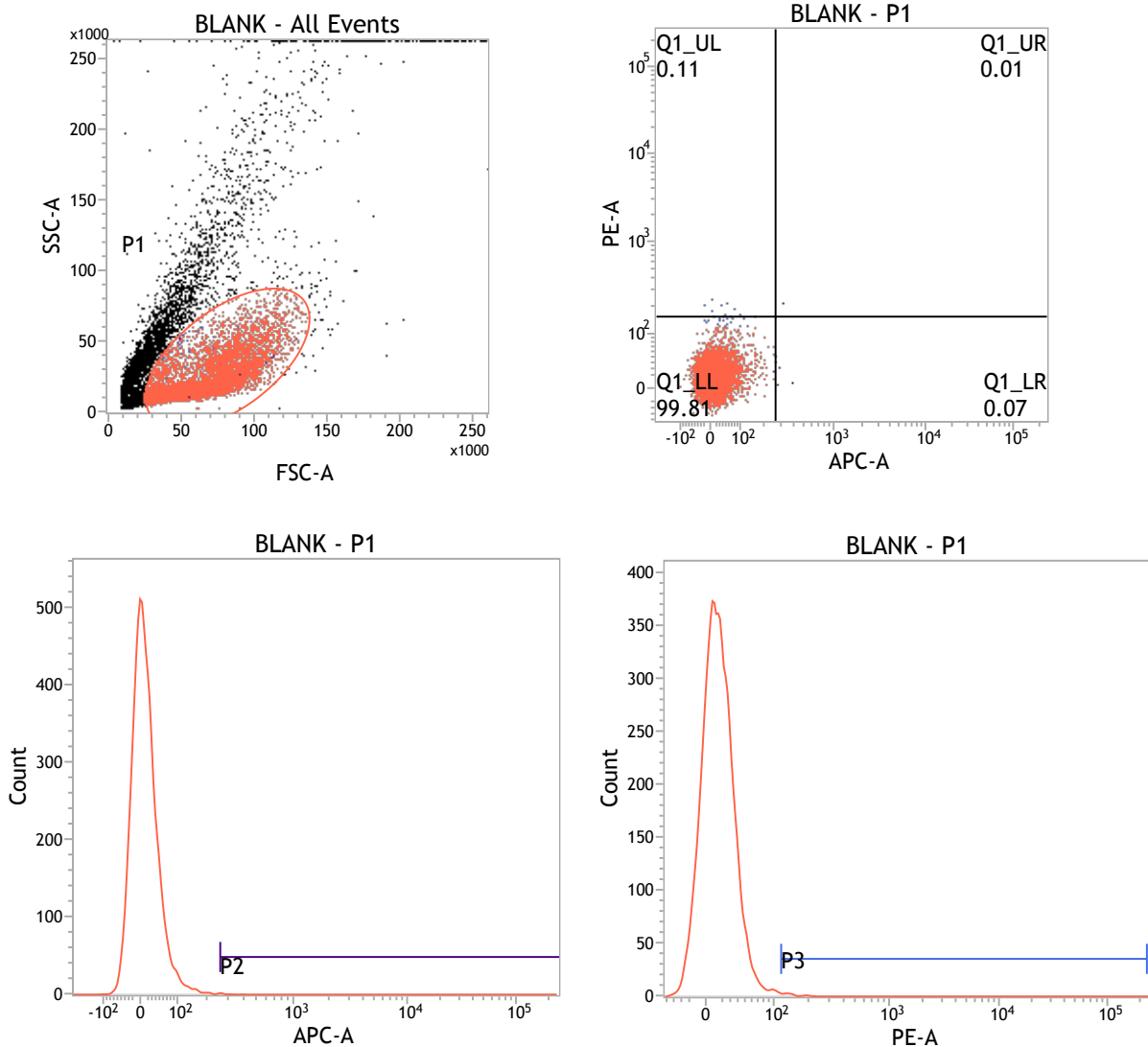
Statistics

Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
MNC-BLANK:P1	9,368	86.18	***	86.18	52	25
MNC-BLANK:P2	130	1.39	1.20	1.20	108	508
MNC-BLANK:P3	35	0.37	0.32	0.32	361	384
MNC-ISO:P1	9,429	88.05	***	88.05	43	39
MNC-ISO:P2	44	0.47	0.41	0.41	103	6,397
MNC-ISO:P3	189	2.00	1.76	1.76	1,377	1,026
MNC-CD34:P1	9,369	86.49	***	86.49	6	2
MNC-CD34:P2	42	0.45	0.39	0.39	12	485
MNC-CD34:P3	0	0.00	0.00	0.00	***	***
MNC-CD71:P1	9,470	87.75	***	87.75	6	116
MNC-CD71:P2	1,479	15.62	13.70	13.70	8	529
MNC-CD71:P3	1	0.01	0.01	0.01	1,195	13
MNC-CD235:P1	9,384	85.63	***	85.63	19,894	0
MNC-CD235:P2	0	0.00	0.00	0.00	***	***
MNC-CD235:P3	6,042	64.39	55.13	55.13	30,881	0
MNC-CD71+235:P1	9,316	83.75	***	83.75	20,193	114
MNC-CD71+235:P2	1,385	14.87	12.45	12.45	34,450	555
MNC-CD71+235:P3	5,949	63.86	53.48	53.48	31,602	174
6..27-BLANK:P1	9,984	88.39	***	88.39	535	25
6..27-BLANK:P2	39	0.39	0.35	0.35	89,023	5,599
6..27-BLANK:P3	49	0.49	0.43	0.43	97,546	4,264
6.27-ISO:P1	9,571	91.23	***	91.23	104	27
6.27-ISO:P2	40	0.42	0.38	0.38	305	4,461
6.27-ISO:P3	110	1.15	1.05	1.05	4,835	568
6.27-CD34:P1	10,109	90.12	***	90.12	16	318
6.27-CD34:P2	6,821	67.47	60.81	60.81	15	412
6.27-CD34:P3	2	0.02	0.02	0.02	298	15
6.27-CD71:P1	10,113	90.13	***	90.13	15	176
6.27-CD71:P2	2,730	26.99	24.33	24.33	22	419
6.27-CD71:P3	3	0.03	0.03	0.03	852	114
6.27-CD235:P1	10,000	87.90	***	87.90	400	-2
6.27-CD235:P2	1	0.01	0.01	0.01	72	371
6.27-CD235:P3	261	2.61	2.29	2.29	13,307	-3

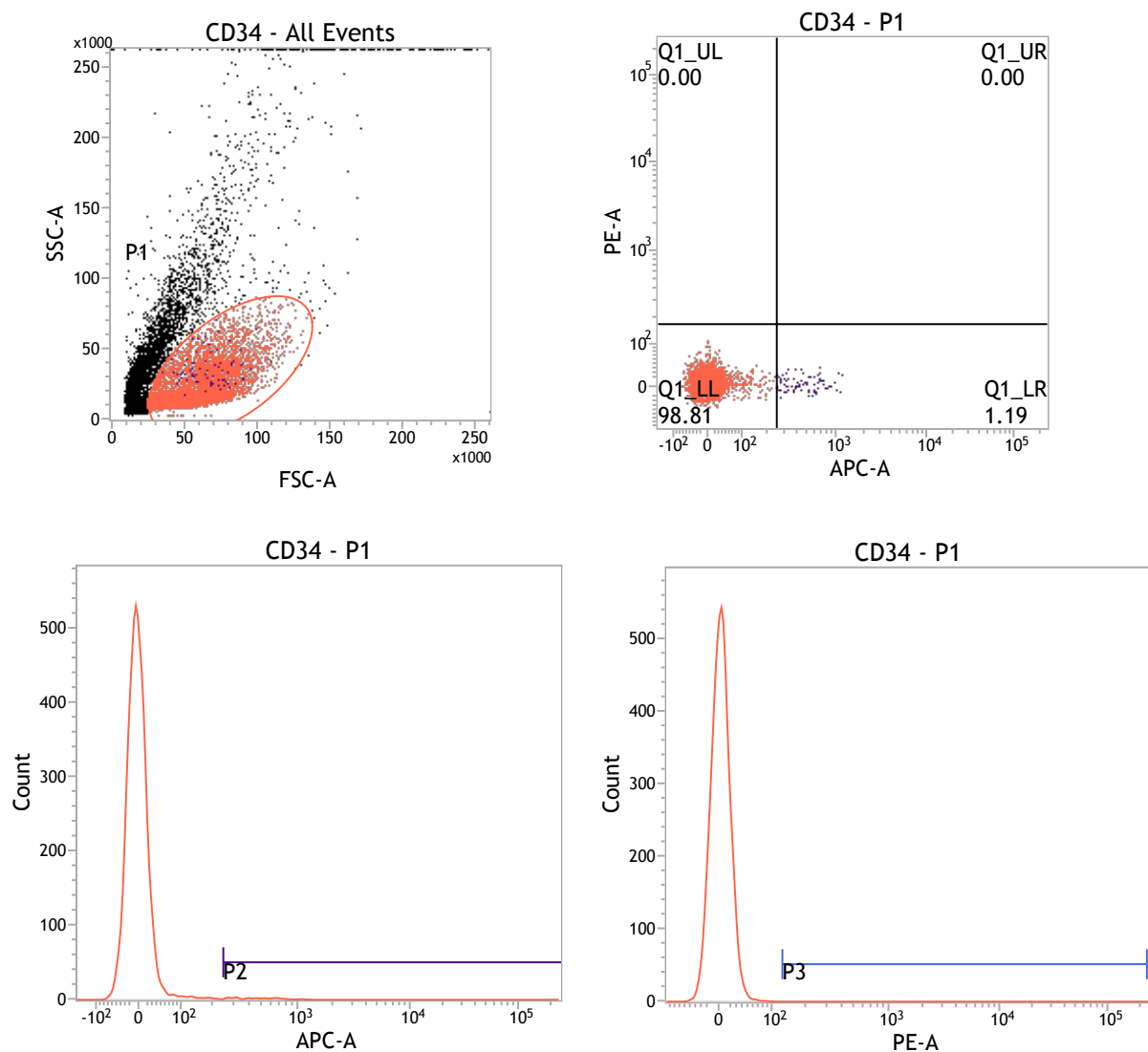


Statistics

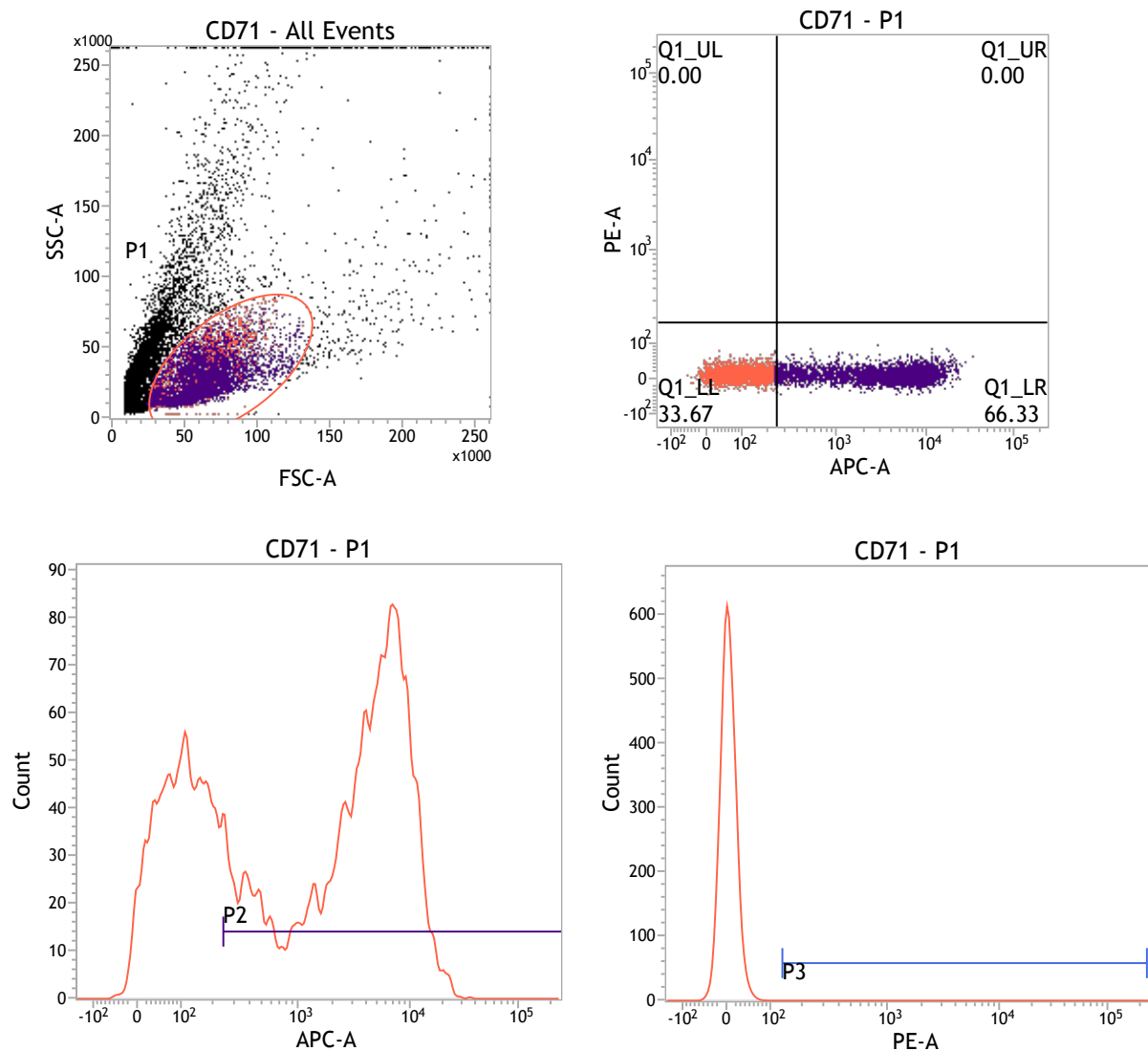
Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
MNC-BLANK:P1	9,368	86.18	***	86.18	52	25
MNC-BLANK:P2	130	1.39	1.20	1.20	108	508
MNC-BLANK:P3	35	0.37	0.32	0.32	361	384
MNC-ISO:P1	9,429	88.05	***	88.05	43	39
MNC-ISO:P2	44	0.47	0.41	0.41	103	6,397
MNC-ISO:P3	189	2.00	1.76	1.76	1,377	1,026
MNC-CD34:P1	9,369	86.49	***	86.49	6	2
MNC-CD34:P2	42	0.45	0.39	0.39	12	485
MNC-CD34:P3	0	0.00	0.00	0.00	***	***
MNC-CD71:P1	9,470	87.75	***	87.75	6	116
MNC-CD71:P2	1,479	15.62	13.70	13.70	8	529
MNC-CD71:P3	1	0.01	0.01	0.01	1,195	13
MNC-CD235:P1	9,384	85.63	***	85.63	19,894	0
MNC-CD235:P2	0	0.00	0.00	0.00	***	***
MNC-CD235:P3	6,042	64.39	55.13	55.13	30,881	0
MNC-CD71+235:P1	9,316	83.75	***	83.75	20,193	114
MNC-CD71+235:P2	1,385	14.87	12.45	12.45	34,450	555
MNC-CD71+235:P3	5,949	63.86	53.48	53.48	31,602	174
6..27-BLANK:P1	9,984	88.39	***	88.39	535	25
6..27-BLANK:P2	39	0.39	0.35	0.35	89,023	5,599
6..27-BLANK:P3	49	0.49	0.43	0.43	97,546	4,264
6.27-ISO:P1	9,571	91.23	***	91.23	104	27
6.27-ISO:P2	40	0.42	0.38	0.38	305	4,461
6.27-ISO:P3	110	1.15	1.05	1.05	4,835	568
6.27-CD34:P1	10,109	90.12	***	90.12	16	318
6.27-CD34:P2	6,821	67.47	60.81	60.81	15	412
6.27-CD34:P3	2	0.02	0.02	0.02	298	15
6.27-CD71:P1	10,113	90.13	***	90.13	15	176
6.27-CD71:P2	2,730	26.99	24.33	24.33	22	419
6.27-CD71:P3	3	0.03	0.03	0.03	852	114
6.27-CD235:P1	10,000	87.90	***	87.90	400	-2
6.27-CD235:P2	1	0.01	0.01	0.01	72	371
6.27-CD235:P3	261	2.61	2.29	2.29	13,307	-3



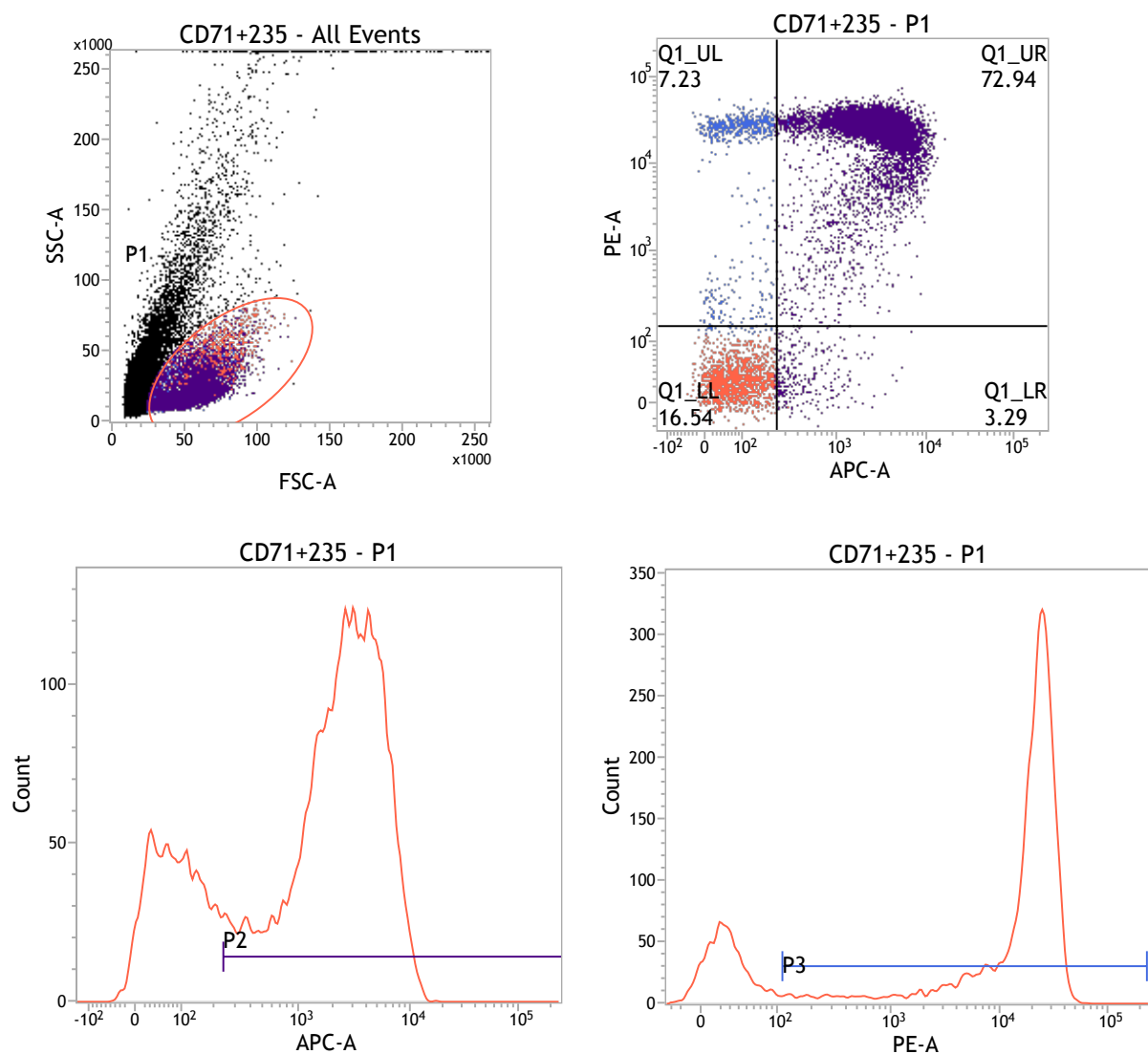
Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
BLANK:P1	7,561	61.97	***	61.97	18	18
BLANK:P2	7	0.09	0.06	0.06	52	310
BLANK:P3	28	0.37	0.23	0.23	154	65
ISO:P1	6,821	60.05	***	60.05	17	67
ISO:P2	25	0.37	0.22	0.22	58	717
ISO:P3	51	0.75	0.45	0.45	293	89
CD34:P1	6,639	58.66	***	58.66	7	10
CD34:P2	80	1.21	0.71	0.71	4	538
CD34:P3	0	0.00	0.00	0.00	***	***
CD71:P1	6,213	51.67	***	51.67	9	3,623
CD71:P2	4,161	66.97	34.60	34.60	9	5,356
CD71:P3	0	0.00	0.00	0.00	***	***
CD235:P1	6,688	57.61	***	57.61	18,153	0
CD235:P2	0	0.00	0.00	0.00	***	***
CD235:P3	5,084	76.02	43.79	43.79	23,873	0
CD71+235:P1	8,621	49.00	***	49.00	17,716	2,597
CD71+235:P2	6,596	76.51	37.49	37.49	21,234	3,365
CD71+235:P3	6,961	80.74	39.57	39.57	21,934	3,172



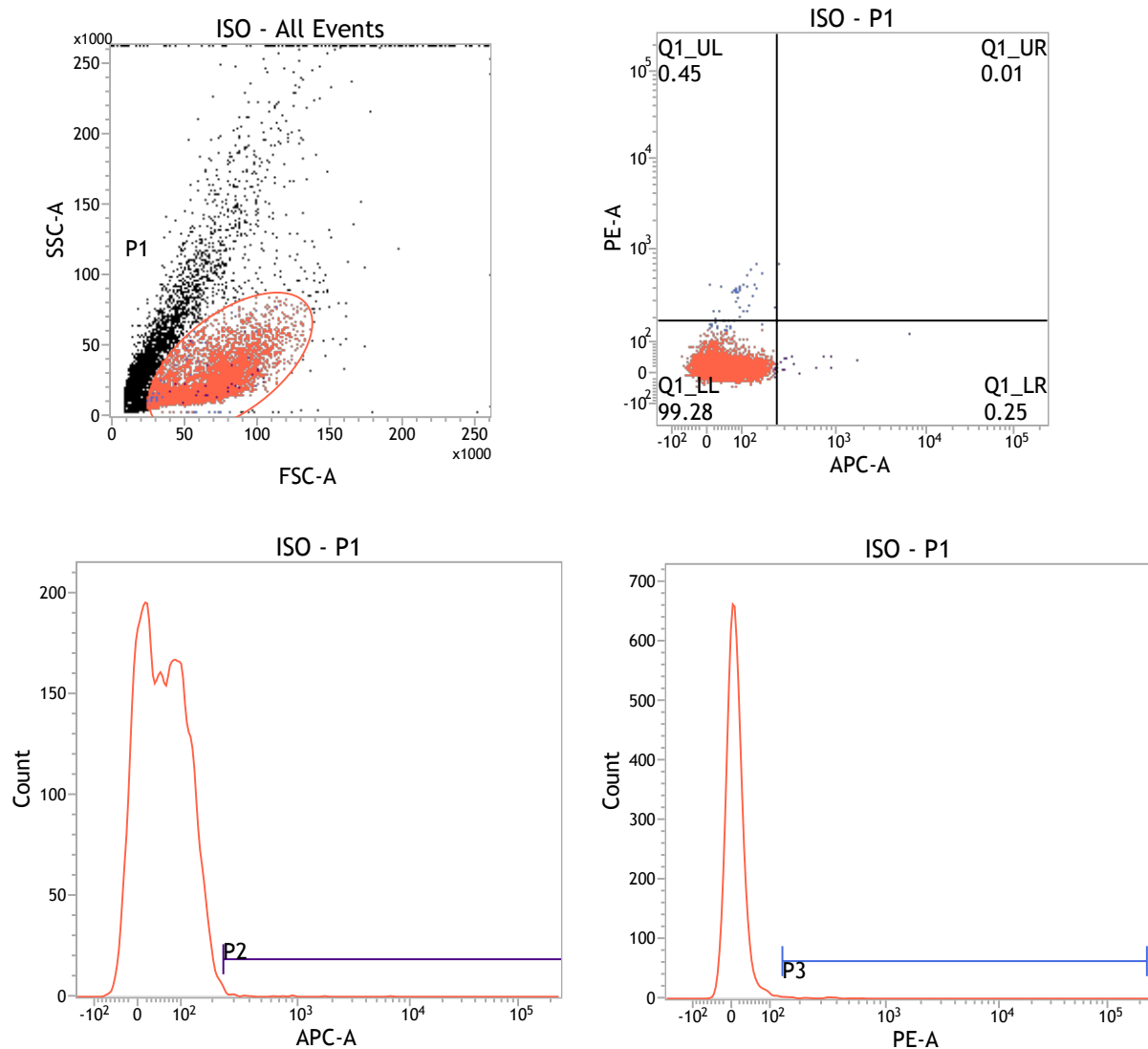
Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
BLANK:P1	7,561	61.97	***	61.97	18	18
BLANK:P2	7	0.09	0.06	0.06	52	310
BLANK:P3	28	0.37	0.23	0.23	154	65
ISO:P1	6,821	60.05	***	60.05	17	67
ISO:P2	25	0.37	0.22	0.22	58	717
ISO:P3	51	0.75	0.45	0.45	293	89
CD34:P1	6,639	58.66	***	58.66	7	10
CD34:P2	80	1.21	0.71	0.71	4	538
CD34:P3	0	0.00	0.00	0.00	***	***
CD71:P1	6,213	51.67	***	51.67	9	3,623
CD71:P2	4,161	66.97	34.60	34.60	9	5,356
CD71:P3	0	0.00	0.00	0.00	***	***
CD235:P1	6,688	57.61	***	57.61	18,153	0
CD235:P2	0	0.00	0.00	0.00	***	***
CD235:P3	5,084	76.02	43.79	43.79	23,873	0
CD71+235:P1	8,621	49.00	***	49.00	17,716	2,597
CD71+235:P2	6,596	76.51	37.49	37.49	21,234	3,365
CD71+235:P3	6,961	80.74	39.57	39.57	21,934	3,172



Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
BLANK:P1	7,561	61.97	***	61.97	18	18
BLANK:P2	7	0.09	0.06	0.06	52	310
BLANK:P3	28	0.37	0.23	0.23	154	65
ISO:P1	6,821	60.05	***	60.05	17	67
ISO:P2	25	0.37	0.22	0.22	58	717
ISO:P3	51	0.75	0.45	0.45	293	89
CD34:P1	6,639	58.66	***	58.66	7	10
CD34:P2	80	1.21	0.71	0.71	4	538
CD34:P3	0	0.00	0.00	0.00	***	***
CD71:P1	6,213	51.67	***	51.67	9	3,623
CD71:P2	4,161	66.97	34.60	34.60	9	5,356
CD71:P3	0	0.00	0.00	0.00	***	***
CD235:P1	6,688	57.61	***	57.61	18,153	0
CD235:P2	0	0.00	0.00	0.00	***	***
CD235:P3	5,084	76.02	43.79	43.79	23,873	0
CD71+235:P1	8,621	49.00	***	49.00	17,716	2,597
CD71+235:P2	6,596	76.51	37.49	37.49	21,234	3,365
CD71+235:P3	6,961	80.74	39.57	39.57	21,934	3,172



Statistics						
Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
BLANK:P1	7,561	61.97	***	61.97	18	18
BLANK:P2	7	0.09	0.06	0.06	52	310
BLANK:P3	28	0.37	0.23	0.23	154	65
ISO:P1	6,821	60.05	***	60.05	17	67
ISO:P2	25	0.37	0.22	0.22	58	717
ISO:P3	51	0.75	0.45	0.45	293	89
CD34:P1	6,639	58.66	***	58.66	7	10
CD34:P2	80	1.21	0.71	0.71	4	538
CD34:P3	0	0.00	0.00	0.00	***	***
CD71:P1	6,213	51.67	***	51.67	9	3,623
CD71:P2	4,161	66.97	34.60	34.60	9	5,356
CD71:P3	0	0.00	0.00	0.00	***	***
CD235:P1	6,688	57.61	***	57.61	18,153	0
CD235:P2	0	0.00	0.00	0.00	***	***
CD235:P3	5,084	76.02	43.79	43.79	23,873	0
CD71+235:P1	8,621	49.00	***	49.00	17,716	2,597
CD71+235:P2	6,596	76.51	37.49	37.49	21,234	3,365
CD71+235:P3	6,961	80.74	39.57	39.57	21,934	3,172



Name	Events	% Parent	% Grandparent	% Total	PE-A Mean	APC-A Mean
BLANK:P1	7,561	61.97	***	61.97	18	18
BLANK:P2	7	0.09	0.06	0.06	52	310
BLANK:P3	28	0.37	0.23	0.23	154	65
ISO:P1	6,821	60.05	***	60.05	17	67
ISO:P2	25	0.37	0.22	0.22	58	717
ISO:P3	51	0.75	0.45	0.45	293	89
CD34:P1	6,639	58.66	***	58.66	7	10
CD34:P2	80	1.21	0.71	0.71	4	538
CD34:P3	0	0.00	0.00	0.00	***	***
CD71:P1	6,213	51.67	***	51.67	9	3,623
CD71:P2	4,161	66.97	34.60	34.60	9	5,356
CD71:P3	0	0.00	0.00	0.00	***	***
CD235:P1	6,688	57.61	***	57.61	18,153	0
CD235:P2	0	0.00	0.00	0.00	***	***
CD235:P3	5,084	76.02	43.79	43.79	23,873	0
CD71+235:P1	8,621	49.00	***	49.00	17,716	2,597
CD71+235:P2	6,596	76.51	37.49	37.49	21,234	3,365
CD71+235:P3	6,961	80.74	39.57	39.57	21,934	3,172