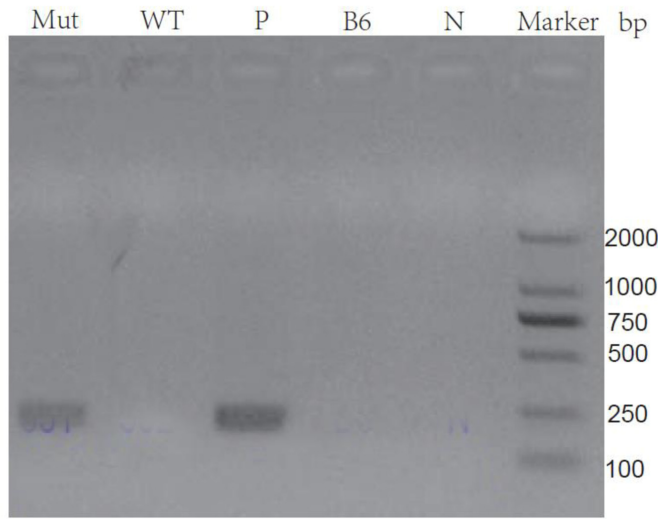
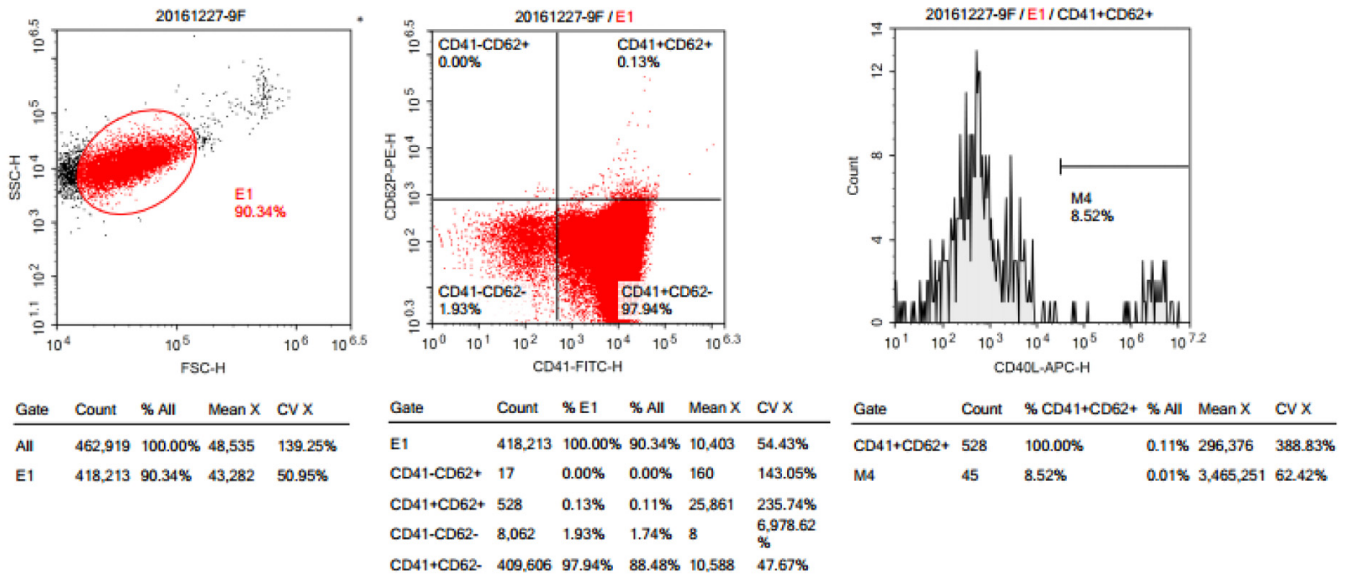


SUPPLEMENTARY MATERIAL

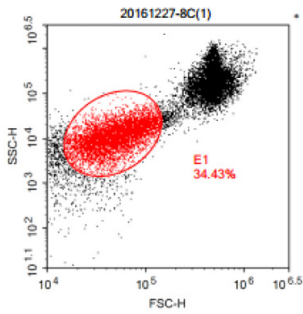


Supplementary Figure 1. PCR Identification of CD40L knockout. WT: wild-type mice; Mut: CD40L knock-out mice; P: Positive Control; B6: Negative Control; N: No-Template Control.

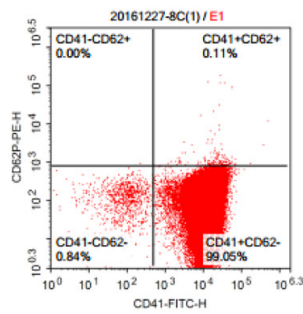
wild



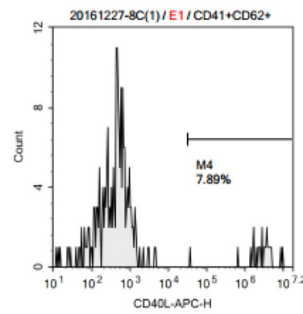
Supplementary Figure 2. Original figure of flow cytometry analysis on CD40L positive activated platelets. Panel 1.



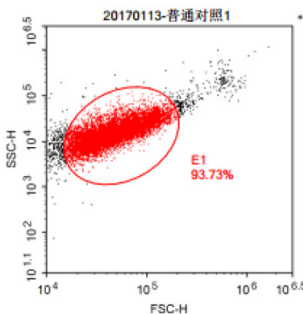
Gate	Count	% All	Mean X	CV X
All	797,295	100.00%	311,713	79.44%
E1	274,538	34.43%	56,323	52.54%



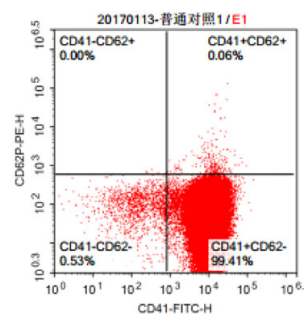
Gate	Count	% E1	% All	Mean X	CV X
E1	274,538	100.00%	34.43%	12,864	49.17%
CD41-CD62+	1	0.00%	0.00%	227	0.00%
CD41+CD62+	304	0.11%	0.04%	27,004	137.59%
CD41-CD62-	2,310	0.84%	0.29%	-430	327.11%
CD41+CD62-	271,923	99.05%	34.11%	12,961	47.00%



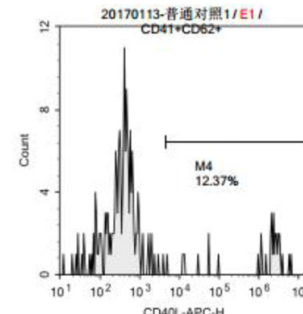
Gate	Count	% CD41+CD62+	% All	Mean X	CV X
CD41+CD62+	304	100.00%	0.04%	267,726	411.78%
M4	24	7.89%	0.00%	3,386,934	65.94%



Gate	Count	% All	Mean X	CV X
All	528,013	100.00%	64,277	119.20%
E1	494,906	93.73%	56,700	61.22%

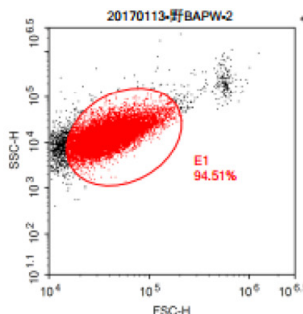


Gate	Count	% E1	% All	Mean X	CV X
E1	494,906	100.00%	93.73%	12,112	54.61%
CD41-CD62+	11	0.00%	0.00%	452	71.00%
CD41+CD62+	291	0.06%	0.06%	15,050	75.18%
CD41-CD62-	2,638	0.53%	0.50%	212	131.93%
CD41+CD62-	491,966	99.41%	93.17%	12,174	53.97%

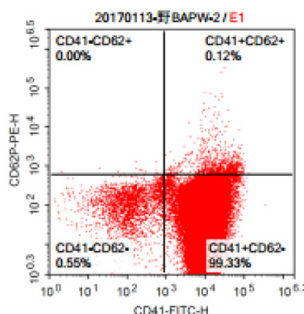


Gate	Count	% CD41+CD62+	% All	Mean X	CV X
CD41+CD62+	291	100.00%	0.06%	15,050	75.18%
M4	36	12.37%	0.00%	3,386,934	65.94%

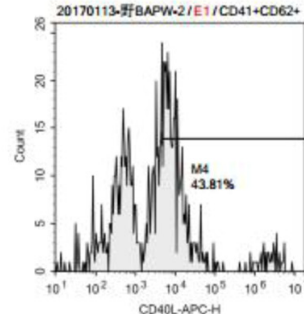
Wild+BAPN



Gate	Count	% All	Mean X	CV X
All	985,067	100.00%	48,039	123.69%
E1	930,939	94.51%	43,706	52.63%

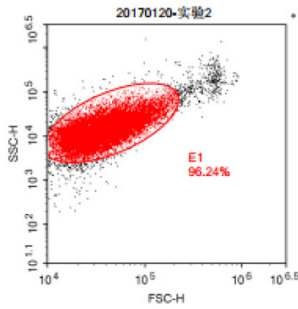


Gate	Count	% E1	% All	Mean X	CV X
E1	930,939	100.00%	94.51%	10,742	51.64%
CD41-CD62+	23	0.00%	0.00%	299	115.26%
CD41+CD62+	1,098	0.12%	0.11%	28,195	76.57%
CD41-CD62-	5,135	0.55%	0.52%	147	162.83%
CD41+CD62-	924,683	99.33%	93.87%	10,781	50.33%

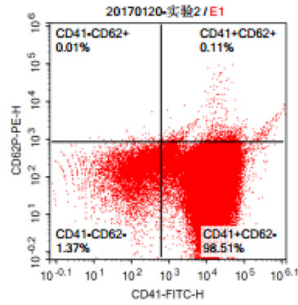


Gate	Count	% CD41+CD62+	% All	Mean X	CV X
CD41+CD62+	1,098	100.00%	0.11%	125,019	524.73
M4	481	43.81%	0.05%	284,053	341.04

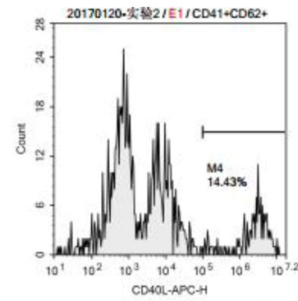
Supplementary Figure 2. Original figure of flow cytometry analysis on CD40L positive activated platelets. Panel 2.



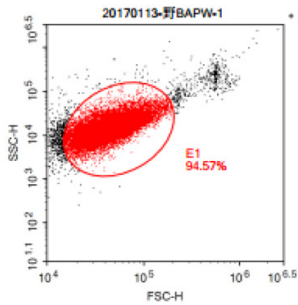
Gate	Count	% All	Mean X	CV X
All	1,023,469	100.00%	53,755	130.94%
E1	984,959	96.24%	45,306	66.22%



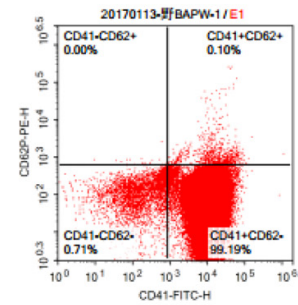
Gate	Count	% E1	% All	Mean X	CV X
E1	984,959	100.00%	96.24%	13,614	77.65%
CD41-CD62+	80	0.01%	0.01%	165	145.49%
CD41+CD62+	1,109	0.11%	0.11%	69,451	246.91%
CD41-CD62-	13,489	1.37%	1.32%	121	159.79%
CD41+CD62-	970,281	98.51%	94.80%	13,739	62.50%



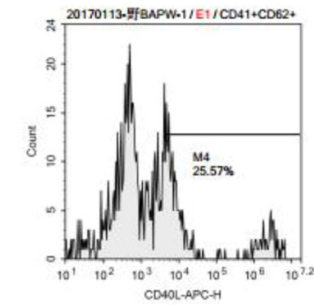
Gate	Count	% CD41+CD62+	% All	Mean X	CV X
CD41+CD62+	1,109	100.00%	0.11%	469,103	305.10%
M4	160	14.43%	0.02%	3,220,022	72.00%



Gate	Count	% All	Mean X	CV X
All	1,074,215	100.00%	54,853	123.77%
E1	1,015,866	94.57%	48,386	54.47%

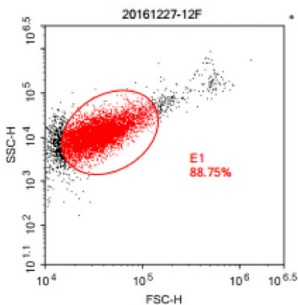


Gate	Count	% E1	% All	Mean X	CV X
E1	1,015,866	100.00%	94.57%	11,980	55.22%
CD41-CD62+	36	0.00%	0.00%	222	150.30%
CD41+CD62+	1,009	0.10%	0.09%	22,579	170.74%
CD41-CD62-	7,195	0.71%	0.67%	190	139.75%
CD41+CD62-	1,007,626	99.19%	93.80%	12,054	53.46%

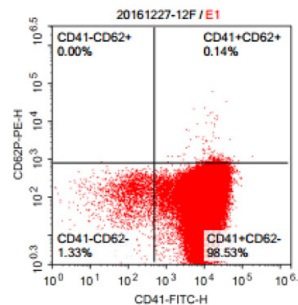


Gate	Count	% CD41+CD62+	% All	Mean X	CV X
CD41+CD62+	1,009	100.00%	0.09%	186,390	421.11%
M4	258	25.57%	0.02%	726,444	195.79%

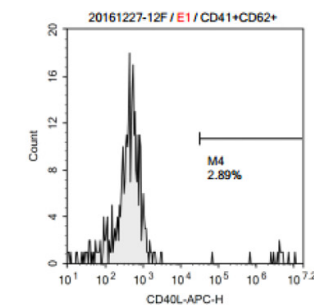
CD40L-/-



Gate	Count	% All	Mean X	CV X
All	372,695	100.00%	45,129	145.18%
E1	330,761	88.75%	38,686	54.03%

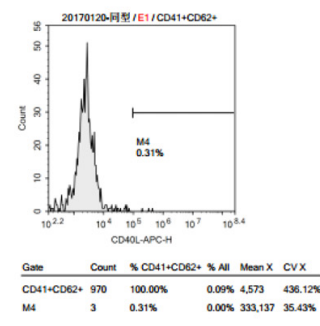
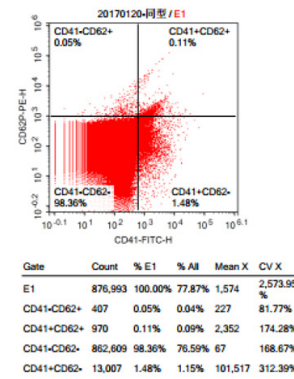
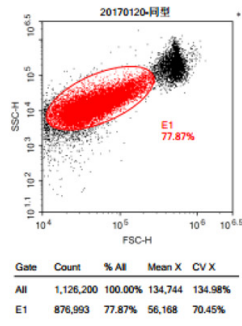
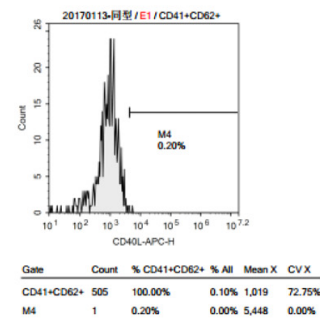
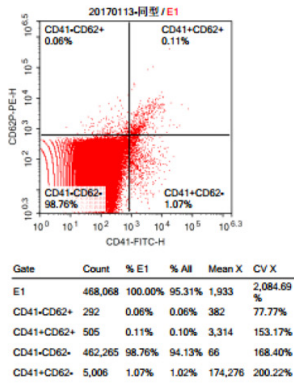
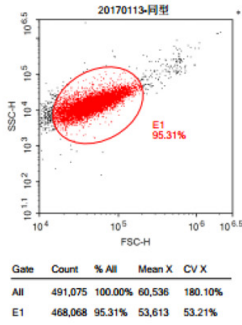


Gate	Count	% E1	% All	Mean X	CV X
E1	330,761	100.00%	88.75%	9,955	57.64%
CD41-CD62+	1	0.00%	0.00%	21	0.00%
CD41+CD62+	450	0.14%	0.12%	21,255	64.54%
CD41-CD62-	4,415	1.33%	1.18%	-213	416.30%
CD41+CD62-	325,895	98.53%	87.44%	10,077	55.74%

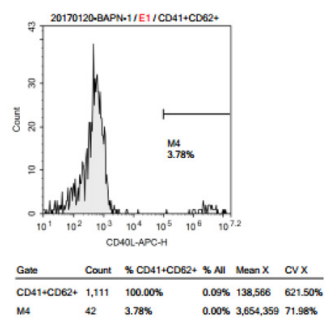
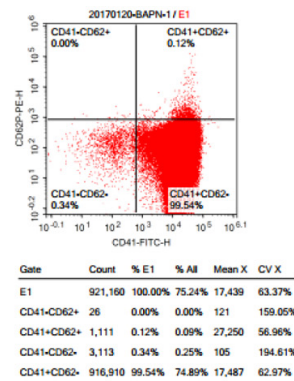
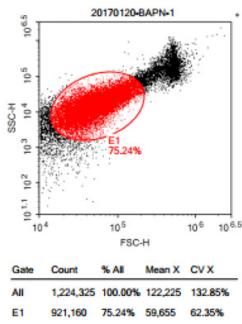
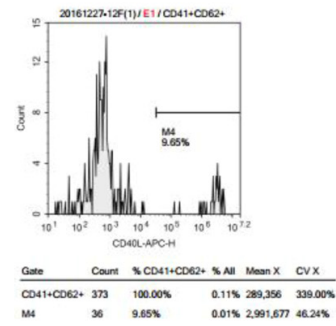
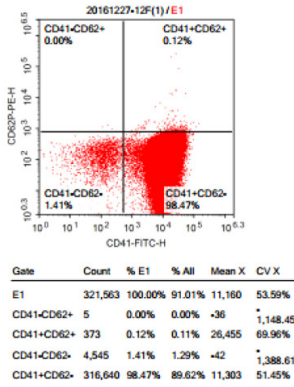
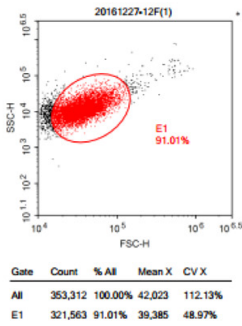


Gate	Count	% CD41+CD62+	% All	Mean X	CV X
CD41+CD62+	450	100.00%	0.12%	125,388	681.06%
M4	13	2.89%	0.00%	4,328,752	63.59%

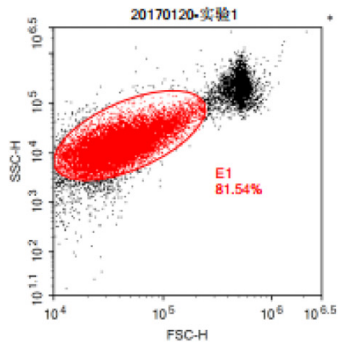
Supplementary Figure 2. Original figure of flow cytometry analysis on CD40L positive activated platelets. Panel 3.



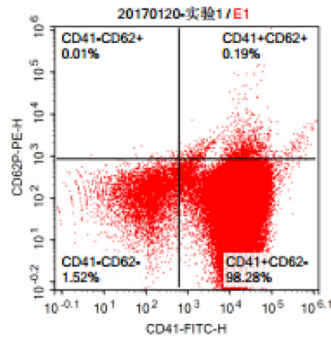
CD40L^{-/-} + BAPN



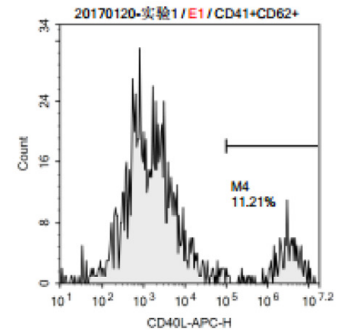
Supplementary Figure 2. Original figure of flow cytometry analysis on CD40L positive activated platelets. Panel 4.



Gate	Count	% All	Mean X	CV X
All	927,340	100.00%	113,980	148.44%
E1	756,155	81.54%	48,406	70.86%



Gate	Count	% E1	% All	Mean X	CV X
E1	756,155	100.00%	81.54%	14,789	79.38%
CD41-CD62+	58	0.01%	0.01%	245	99.49%
CD41+CD62+	1,418	0.19%	0.15%	50,837	248.53%
CD41-CD62-	11,514	1.52%	1.24%	104	155.49%
CD41+CD62-	743,165	98.28%	80.14%	14,948	68.20%



Gate	Count	% CD41+CD62+	% All	Mean X	CV X
CD41+CD62+	1,418	100.00%	0.15%	409,399	343.71%
M4	159	11.21%	0.02%	3,620,609	68.04%

Supplementary Figure 2. Original figure of flow cytometry analysis on CD40L positive activated platelets. Panel 5. CD41+ indicates anti-CD41-FITC, CD62P+ indicates anti-CD62P-PE and CD41+ CD62P+ platelets indicates activated platelets. M4 means percentage of CD41+ CD62P+CD40L+ platelets divided by CD41+ CD62P+ platelets.