

# Batch Analysis Report

Run Date: 4/3/15 5:27 PM

Experiment: 20-109 Lab 20150402

User ID: ZacharyNagel

Statistics Output: \\18.159.2.11\fac data\04 APRIL 2015\Zac Nagel\20-109 Lab 20150402-Batch\_Analysis\_03042015172716.csv

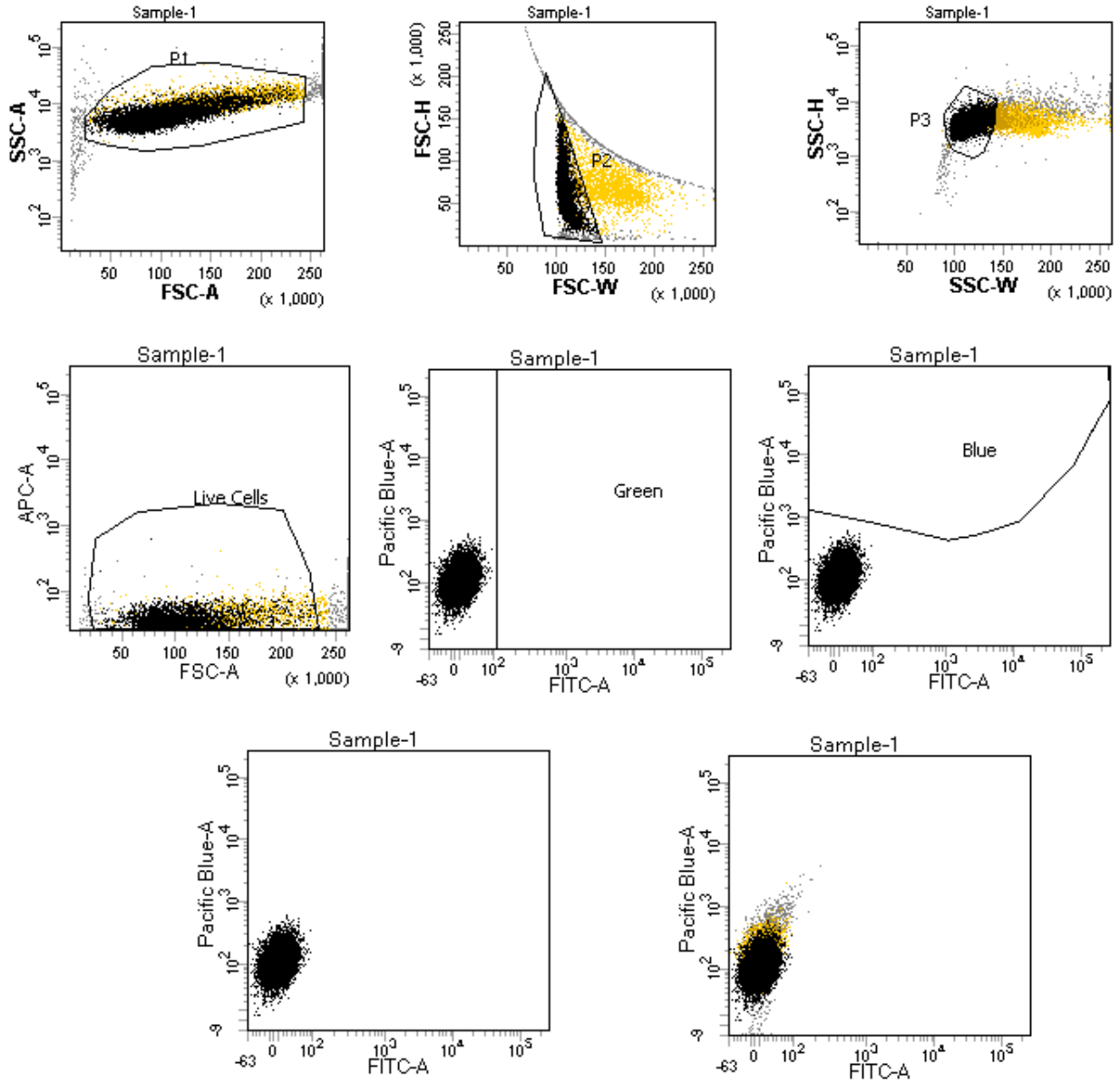
Worksheet PDF Output: \\18.159.2.11\fac data\04 APRIL 2015\Zac Nagel\20-109 Lab 20150402-Batch\_Analysis\_03042015172716.pdf

## Sample

| Tube | Status | Run Time       |
|------|--------|----------------|
| 1    | OK     | 4/3/15 5:27 PM |
| 2    | OK     | 4/3/15 5:27 PM |
| 3    | OK     | 4/3/15 5:27 PM |
| 5    | OK     | 4/3/15 5:27 PM |
| 6    | OK     | 4/3/15 5:27 PM |
| 7    | OK     | 4/3/15 5:27 PM |
| 8    | OK     | 4/3/15 5:27 PM |
| 9    | OK     | 4/3/15 5:27 PM |
| 10   | OK     | 4/3/15 5:27 PM |
| 11   | OK     | 4/3/15 5:27 PM |
| 12   | OK     | 4/3/15 5:27 PM |
| 13   | OK     | 4/3/15 5:27 PM |
| 14   | OK     | 4/3/15 5:27 PM |
| 15   | OK     | 4/3/15 5:27 PM |
| 16   | OK     | 4/3/15 5:27 PM |
| 17   | OK     | 4/3/15 5:27 PM |
| 18   | OK     | 4/3/15 5:27 PM |
| 19   | OK     | 4/3/15 5:27 PM |
| 20   | OK     | 4/3/15 5:27 PM |
| 21   | OK     | 4/3/15 5:27 PM |
| 22   | OK     | 4/3/15 5:27 PM |
| 23   | OK     | 4/3/15 5:27 PM |
| 24   | OK     | 4/3/15 5:27 PM |
| 25   | OK     | 4/3/15 5:27 PM |
| 26   | OK     | 4/3/15 5:27 PM |
| 27   | OK     | 4/3/15 5:27 PM |
| 28   | OK     | 4/3/15 5:27 PM |
| 29   | OK     | 4/3/15 5:27 PM |
| 30   | OK     | 4/3/15 5:27 PM |

| Tube | Status | Run Time       |
|------|--------|----------------|
| 31   | OK     | 4/3/15 5:27 PM |
| 32   | OK     | 4/3/15 5:28 PM |
| 33   | OK     | 4/3/15 5:28 PM |
| 34   | OK     | 4/3/15 5:28 PM |
| 35   | OK     | 4/3/15 5:28 PM |
| 36   | OK     | 4/3/15 5:28 PM |
| 37   | OK     | 4/3/15 5:28 PM |
| 38   | OK     | 4/3/15 5:28 PM |
| 39   | OK     | 4/3/15 5:28 PM |
| 40   | OK     | 4/3/15 5:28 PM |
| 41   | OK     | 4/3/15 5:28 PM |
| 42   | OK     | 4/3/15 5:28 PM |
| 43   | OK     | 4/3/15 5:28 PM |
| 44   | OK     | 4/3/15 5:28 PM |
| 45   | OK     | 4/3/15 5:28 PM |
| 46   | OK     | 4/3/15 5:28 PM |
| 47   | OK     | 4/3/15 5:28 PM |
| 48   | OK     | 4/3/15 5:28 PM |
| 49   | OK     | 4/3/15 5:28 PM |
| 50   | OK     | 4/3/15 5:28 PM |
| 51   | OK     | 4/3/15 5:28 PM |
| 52   | OK     | 4/3/15 5:28 PM |
| 53   | OK     | 4/3/15 5:28 PM |
| 54   | OK     | 4/3/15 5:28 PM |
| 55   | OK     | 4/3/15 5:28 PM |
| 56   | OK     | 4/3/15 5:28 PM |
| 57   | OK     | 4/3/15 5:28 PM |
| 58   | OK     | 4/3/15 5:28 PM |
| 59   | OK     | 4/3/15 5:28 PM |
| 60   | OK     | 4/3/15 5:28 PM |
| 61   | OK     | 4/3/15 5:28 PM |
| 62   | OK     | 4/3/15 5:28 PM |
| 63   | OK     | 4/3/15 5:28 PM |
| 64   | OK     | 4/3/15 5:28 PM |

# BD FACSDiva 8.0



Tube: 1

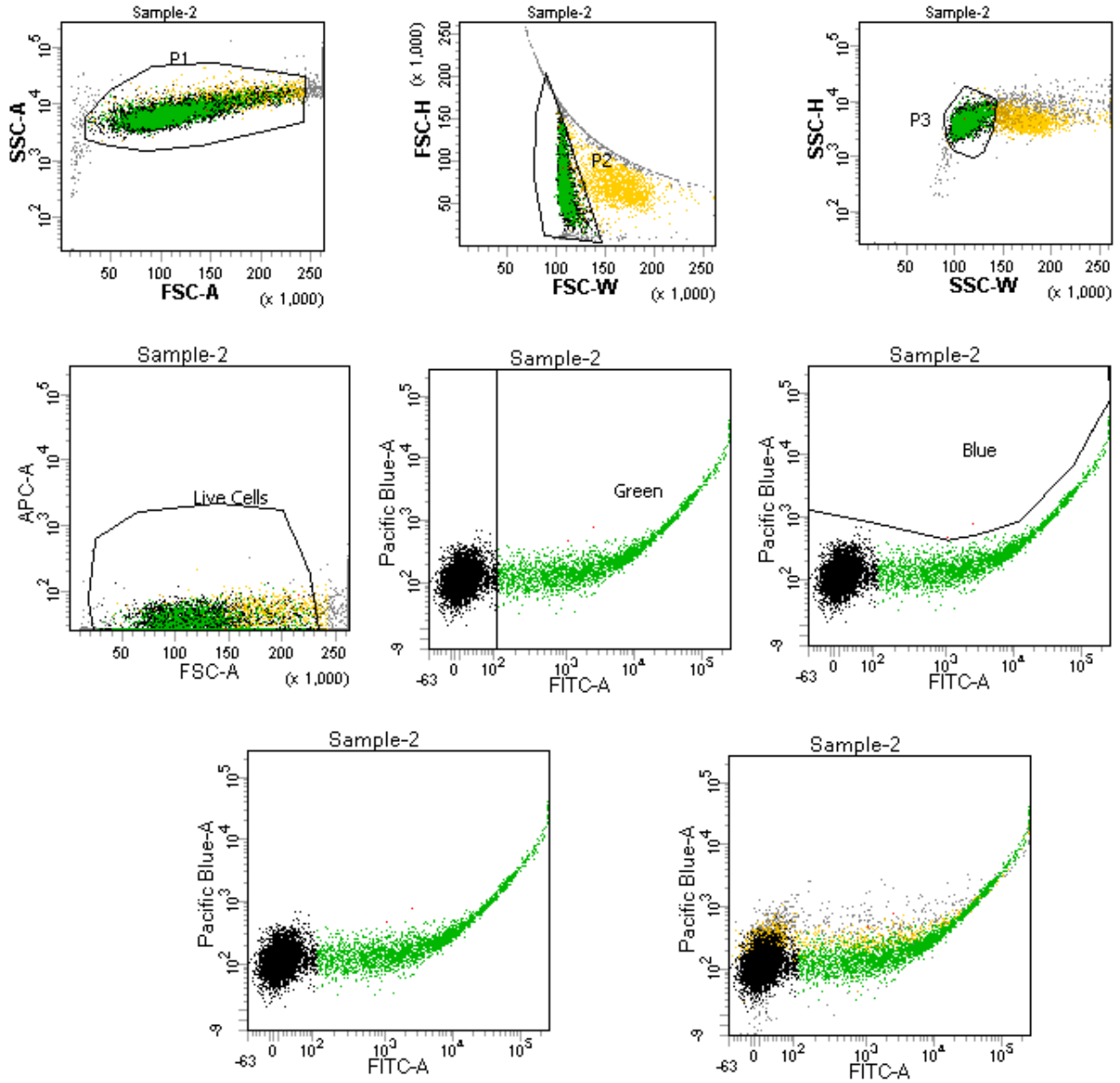
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 13,284  | ####    | 100.0  |
| P1         | 12,439  | 93.6    | 93.6   |
| P2         | 10,633  | 85.5    | 80.0   |
| P3         | 10,214  | 96.1    | 76.9   |
| Live Cells | 10,201  | 99.9    | 76.8   |
| Blue       | 0       | 0.0     | 0.0    |
| Green      | 0       | 0.0     | 0.0    |
| Both       | 0       | 0.0     | 0.0    |

|                  |                                  |  |  |  |  |  |
|------------------|----------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402              |  |  |  |  |  |
| Plate Name:      |                                  |  |  |  |  |  |
| Specimen Name:   | Sample                           |  |  |  |  |  |
| Tube Name:       | 1                                |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 3:33:43 PM           |  |  |  |  |  |
| SOP:             | IsaacChaim                       |  |  |  |  |  |
| GUID:            | 8f037a3a-f013-44b0-a23d-93617... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A | FITC-A | Pacifi... | Pacifi... |
|------------|---------|---------|--------|--------|-----------|-----------|
|            |         |         | Mean   | Median | Mean      | Median    |
| Live Cells | 10,201  | 99.9    | 6      | 6      | 116       | 106       |
| Blue       | 0       | 0.0     | ####   | ####   | ####      | ####      |
| Green      | 0       | 0.0     | ####   | ####   | ####      | ####      |
| Both       | 0       | 0.0     | ####   | ####   | ####      | ####      |

# BD FACSDiva 8.0



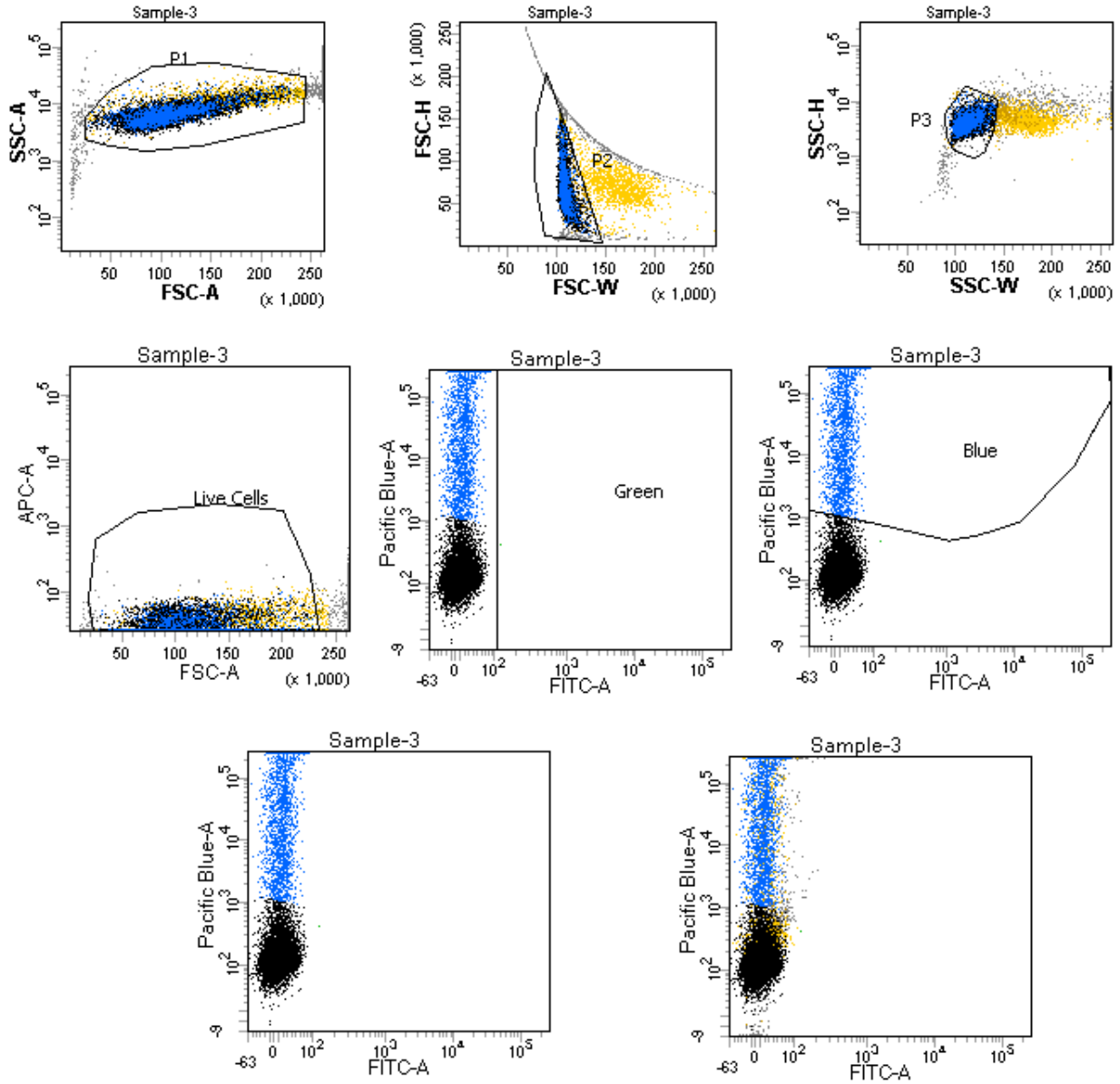
Tube: 2

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,435  | ####    | 100.0  |
| P1         | 11,708  | 94.1    | 94.1   |
| P2         | 10,247  | 87.5    | 82.4   |
| P3         | 10,029  | 97.9    | 80.7   |
| Live Cells | 10,000  | 99.7    | 80.4   |
| Blue       | 2       | 0.0     | 0.0    |
| Green      | 2,542   | 25.4    | 20.4   |
| Both       | 2       | 0.0     | 0.0    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 2  
 Record Date: Apr 2, 2015 3:34:42 PM  
 SOP: IsaacChaim  
 GUID: 23e0c7c2-cc77-47fa-a617-dc9c...

| Population | #Events | %Parent | FITC-A |        | Pacifi... |        |
|------------|---------|---------|--------|--------|-----------|--------|
|            |         |         | Mean   | Median | Mean      | Median |
| Live Cells | 10,000  | 99.7    | 3,325  | 19     | 249       | 126    |
| Blue       | 2       | 0.0     | 1,691  | 1,691  | 614       | 614    |
| Green      | 2,542   | 25.4    | 13,046 | 2,280  | 610       | 183    |
| Both       | 2       | 0.0     | 1,691  | 1,691  | 614       | 614    |

# BD FACSDiva 8.0



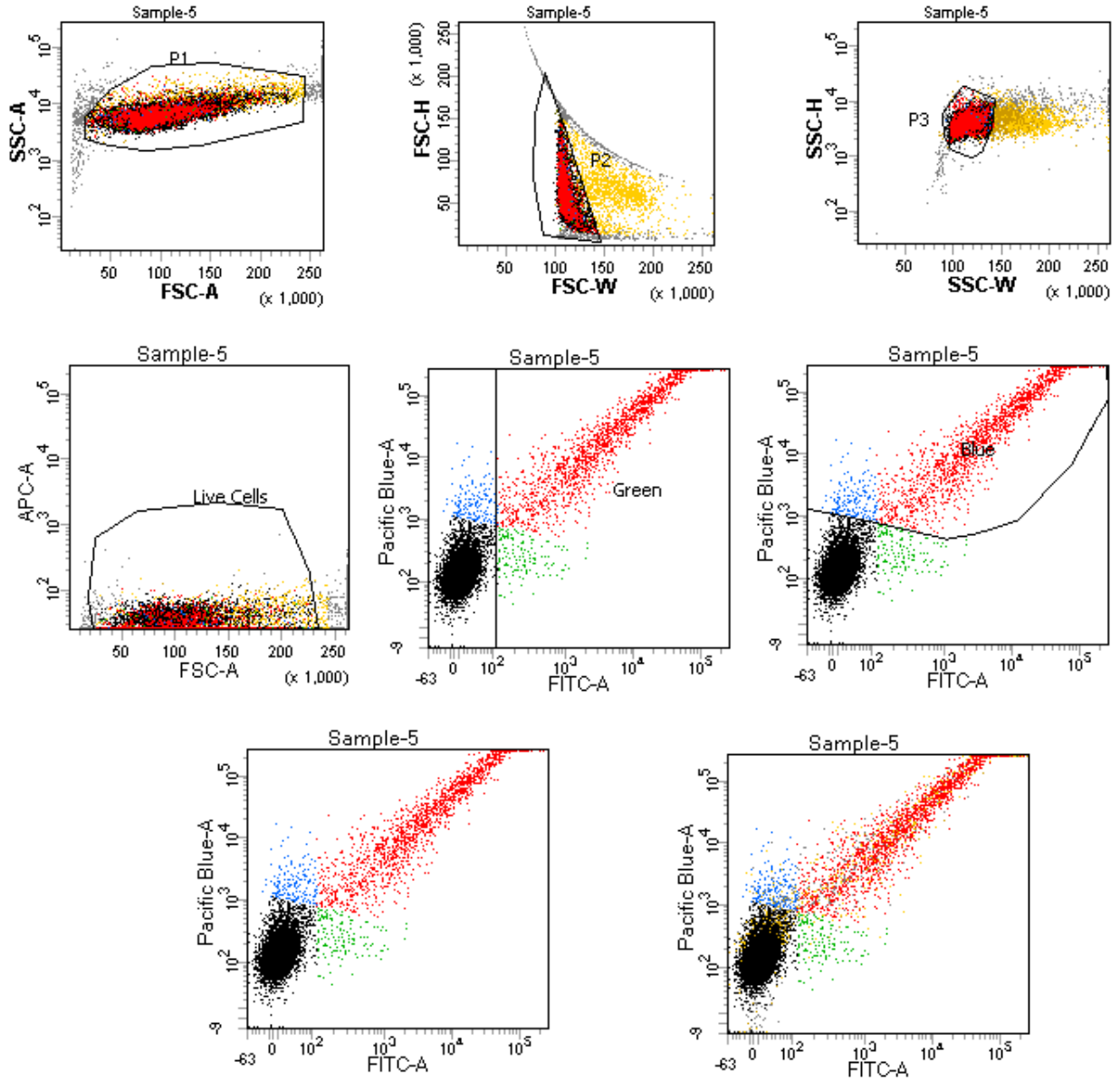
Tube: 3

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,369  | ####    | 100.0  |
| P1         | 11,847  | 94.2    | 94.2   |
| P2         | 10,280  | 88.3    | 83.1   |
| P3         | 10,015  | 97.4    | 81.0   |
| Live Cells | 10,000  | 99.9    | 80.8   |
| Blue       | 1,815   | 18.2    | 13.1   |
| Green      | 1       | 0.0     | 0.0    |
| Both       | 0       | 0.0     | 0.0    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 3  
 Record Date: Apr 2, 2015 3:35:47 PM  
 SOP: IsaacChaim  
 GUID: 26254473-b0e2-418e-8d2e-b461...

| Population | #Events | %Parent | FITC-A |        | Pacifi... |         |
|------------|---------|---------|--------|--------|-----------|---------|
|            |         |         | Mean   | Median | Mean      | Medi... |
| Live Cells | 10,000  | 99.9    | 7      | 7      | 8,991     | 141     |
| Blue       | 1,815   | 18.2    | 11     | 12     | 54,850    | 17,504  |
| Green      | 1       | 0.0     | 115    | 115    | 420       | 420     |
| Both       | 0       | 0.0     | ####   | ####   | ####      | ####    |

# BD FACSDiva 8.0



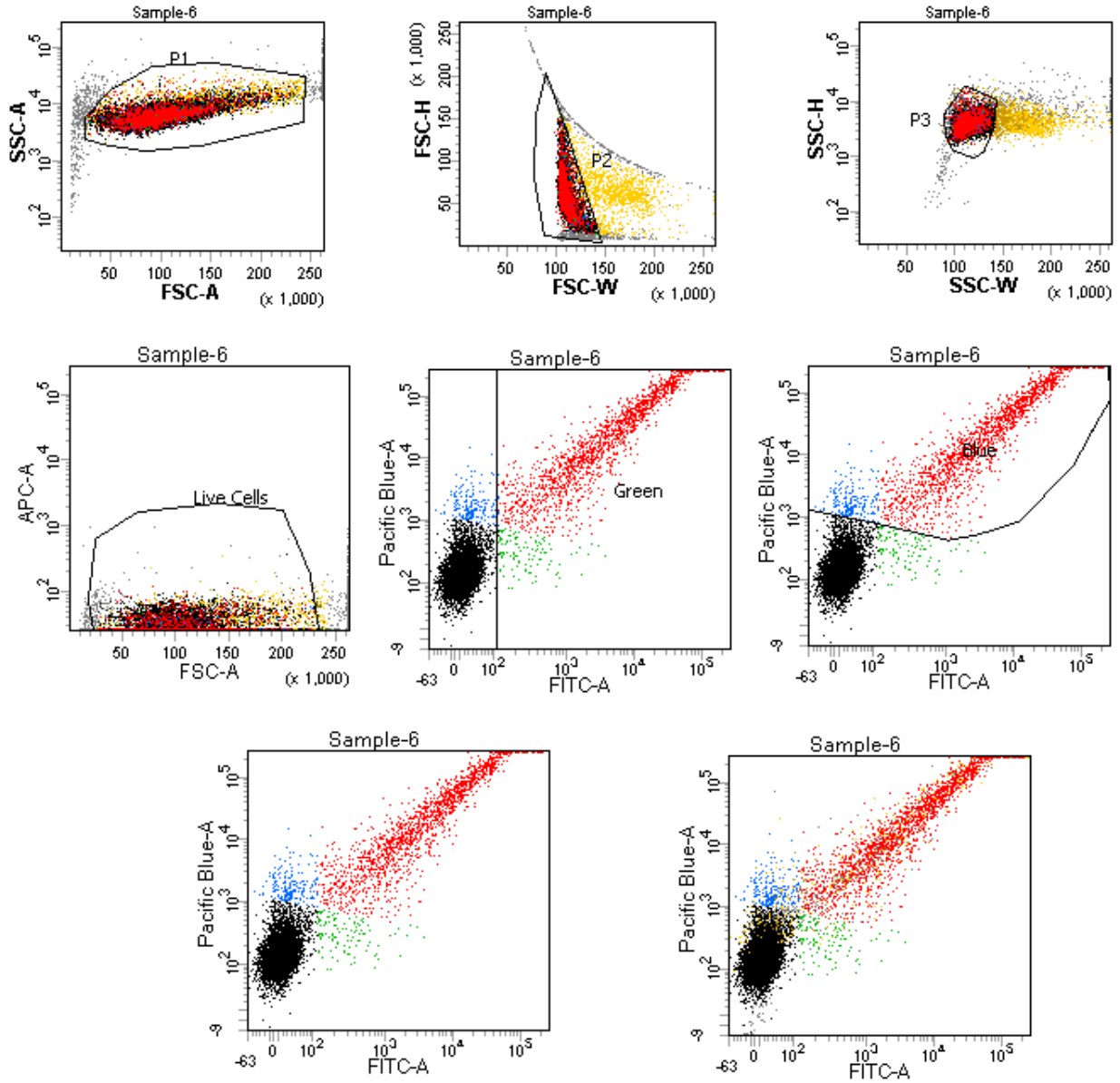
Tube: 5

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,610  | ####    | 100.0  |
| P1         | 11,831  | 93.8    | 93.8   |
| P2         | 10,466  | 88.5    | 83.0   |
| P3         | 10,010  | 95.6    | 79.4   |
| Live Cells | 10,000  | 99.9    | 79.3   |
| Blue       | 1,700   | 17.0    | 13.5   |
| Green      | 1,670   | 16.7    | 13.2   |
| Both       | 1,522   | 15.2    | 12.1   |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 5  
 Record Date: Apr 2, 2015 3:36:40 PM  
 SOP: IsaacChaim  
 GUID: 1fb4f380-779a-4443-aa40-1e406...

| Population | #Events | %Parent | FITC-A |        | Pacifi... |        |
|------------|---------|---------|--------|--------|-----------|--------|
|            |         |         | Mean   | Median | Mean      | Median |
| Live Cells | 10,000  | 99.9    | 1,910  | 14     | 8,422     | 146    |
| Blue       | 1,700   | 17.0    | 11,180 | 2,583  | 48,752    | 14,498 |
| Green      | 1,670   | 16.7    | 11,384 | 2,721  | 49,407    | 15,068 |
| Both       | 1,522   | 15.2    | 12,460 | 3,527  | 54,182    | 19,257 |

BD FACSDiva 8.0



Tube: 6

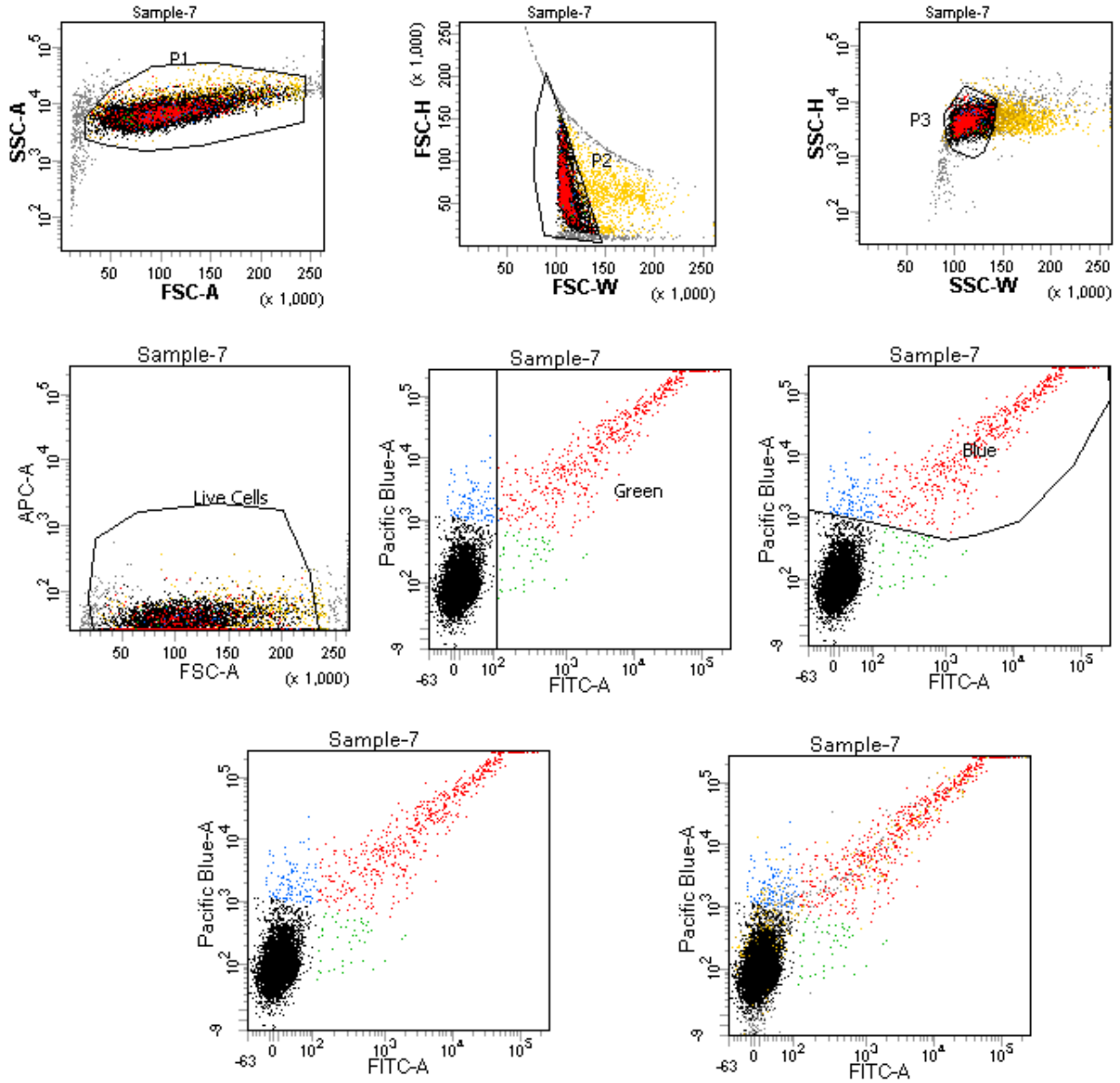
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,354  | ####    | 100.0  |
| P1         | 11,549  | 93.5    | 93.5   |
| P2         | 10,382  | 89.9    | 84.0   |
| P3         | 10,019  | 96.5    | 81.1   |
| Live Cells | 10,000  | 99.8    | 80.9   |
| Blue       | 1,763   | 17.6    | 14.3   |
| Green      | 1,678   | 16.8    | 13.6   |
| Both       | 1,565   | 15.6    | 12.7   |

|                  |                                 |
|------------------|---------------------------------|
| Experiment Name: | 20-109 Lab 20150402             |
| Plate Name:      |                                 |
| Specimen Name:   | Sample                          |
| Tube Name:       | 6                               |
| Record Date:     | Apr 2, 2015 3:37:51 PM          |
| SOP:             | IsaacChaim                      |
| GUID:            | 886d1e27-0871-4dd9-aa56-a48c... |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 99.8    | 1,740       | 14            | 7,785           | 144               |
| Blue       | 1,763   | 17.6    | 9,803       | 2,353         | 43,410          | 12,157            |
| Green      | 1,678   | 16.8    | 10,322      | 2,808         | 45,383          | 14,172            |
| Both       | 1,565   | 15.7    | 11,038      | 3,304         | 48,635          | 17,252            |

# BD FACSDiva 8.0



Tube: 7

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,001  | ####    | 100.0  |
| P1         | 11,295  | 94.1    | 94.1   |
| P2         | 10,376  | 91.9    | 86.5   |
| P3         | 10,020  | 96.6    | 83.5   |
| Live Cells | 10,000  | 99.8    | 83.3   |
| Blue       | 644     | 6.4     | 5.4    |
| Green      | 581     | 5.8     | 4.8    |
| Both       | 535     | 5.4     | 4.5    |

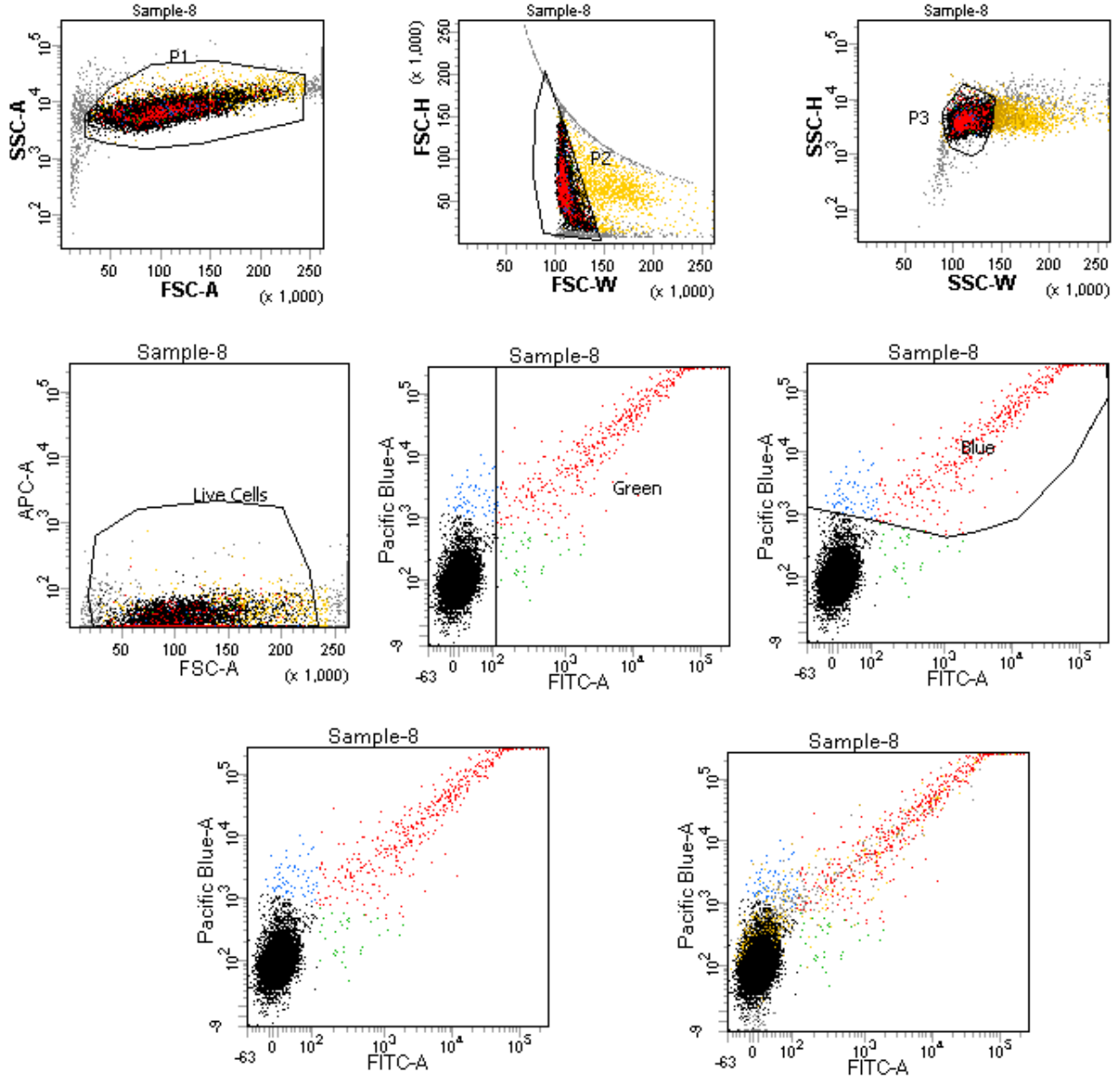
|                  |                                 |  |  |  |  |  |
|------------------|---------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402             |  |  |  |  |  |
| Plate Name:      |                                 |  |  |  |  |  |
| Specimen Name:   | Sample                          |  |  |  |  |  |
| Tube Name:       | 7                               |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 3:38:40 PM          |  |  |  |  |  |
| SOP:             | IsaacChaim                      |  |  |  |  |  |
| GUID:            | 72cf2801-d778-4dd1-b177-2867... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 99.8    | 759         | 7             | 3,155           | 97                |
| Blue       | 644     | 6.4     | 11,684      | 1,854         | 47,319          | 9,193             |
| Green      | 581     | 5.8     | 12,974      | 2,605         | 51,988          | 14,175            |
| Both       | 535     | 5.4     | 14,056      | 3,128         | 56,433          | 19,187            |



BD FACSDiva 8.0



Tube: 8

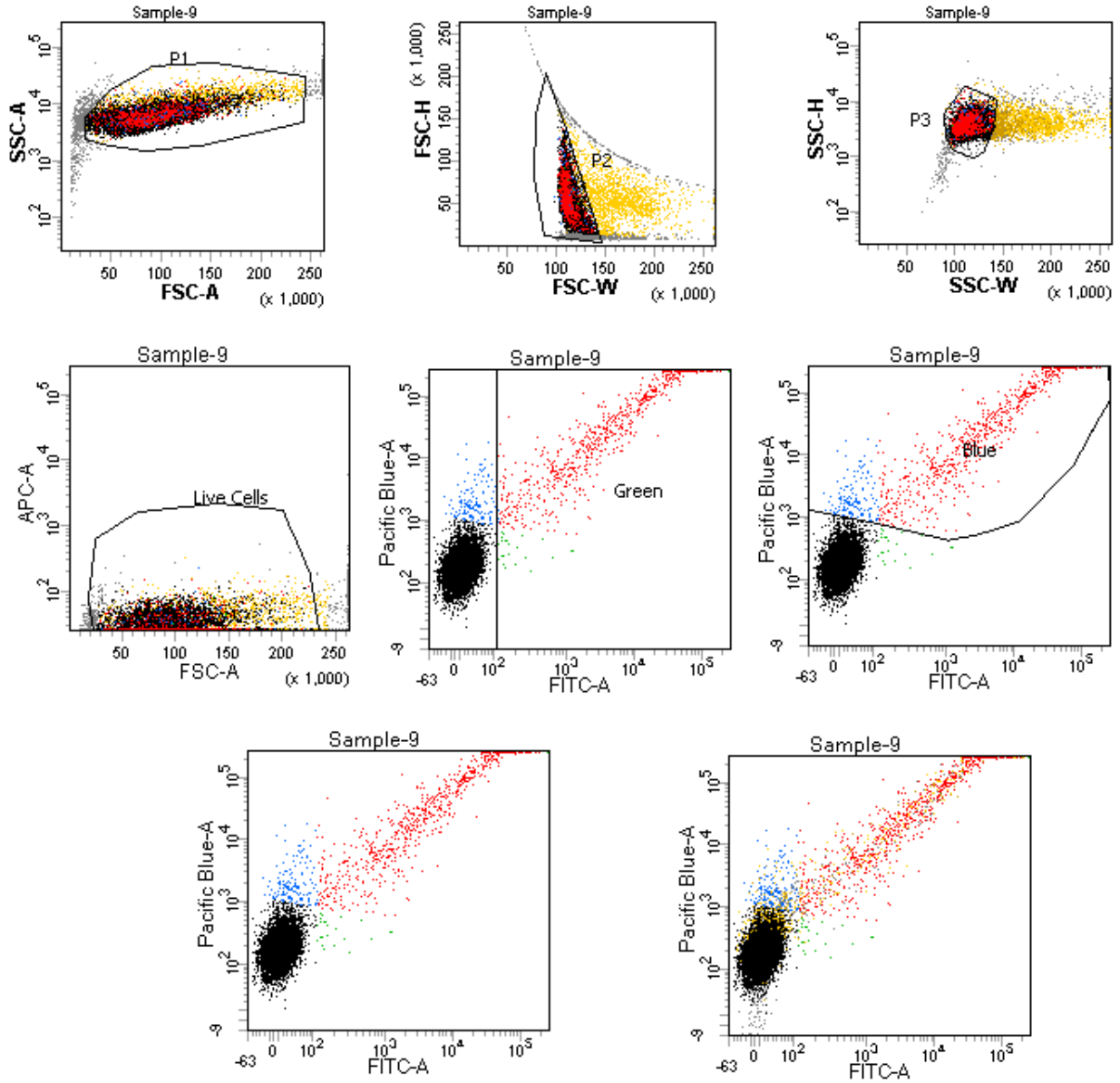
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,416  | ####    | 100.0  |
| P1         | 11,591  | 93.4    | 93.4   |
| P2         | 10,437  | 90.0    | 84.1   |
| P3         | 10,013  | 95.9    | 80.6   |
| Live Cells | 10,000  | 99.9    | 80.5   |
| Blue       | 468     | 4.7     | 3.8    |
| Green      | 436     | 4.4     | 3.5    |
| Both       | 401     | 4.0     | 3.2    |

|                  |                                 |  |  |  |  |  |
|------------------|---------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402             |  |  |  |  |  |
| Plate Name:      |                                 |  |  |  |  |  |
| Specimen Name:   | Sample                          |  |  |  |  |  |
| Tube Name:       | 8                               |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 3:39:36 PM          |  |  |  |  |  |
| SOP:             | IsaacChaim                      |  |  |  |  |  |
| GUID:            | 61400c09-2222-441a-a8d9-ada3... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 99.9    | 561         | 6             | 2,337           | 94                |
| Blue       | 468     | 4.7     | 11,842      | 2,288         | 47,655          | 11,630            |
| Green      | 436     | 4.4     | 12,736      | 2,867         | 50,802          | 14,674            |
| Both       | 401     | 4.0     | 13,813      | 3,538         | 55,210          | 18,483            |

# BD FACSDiva 8.0



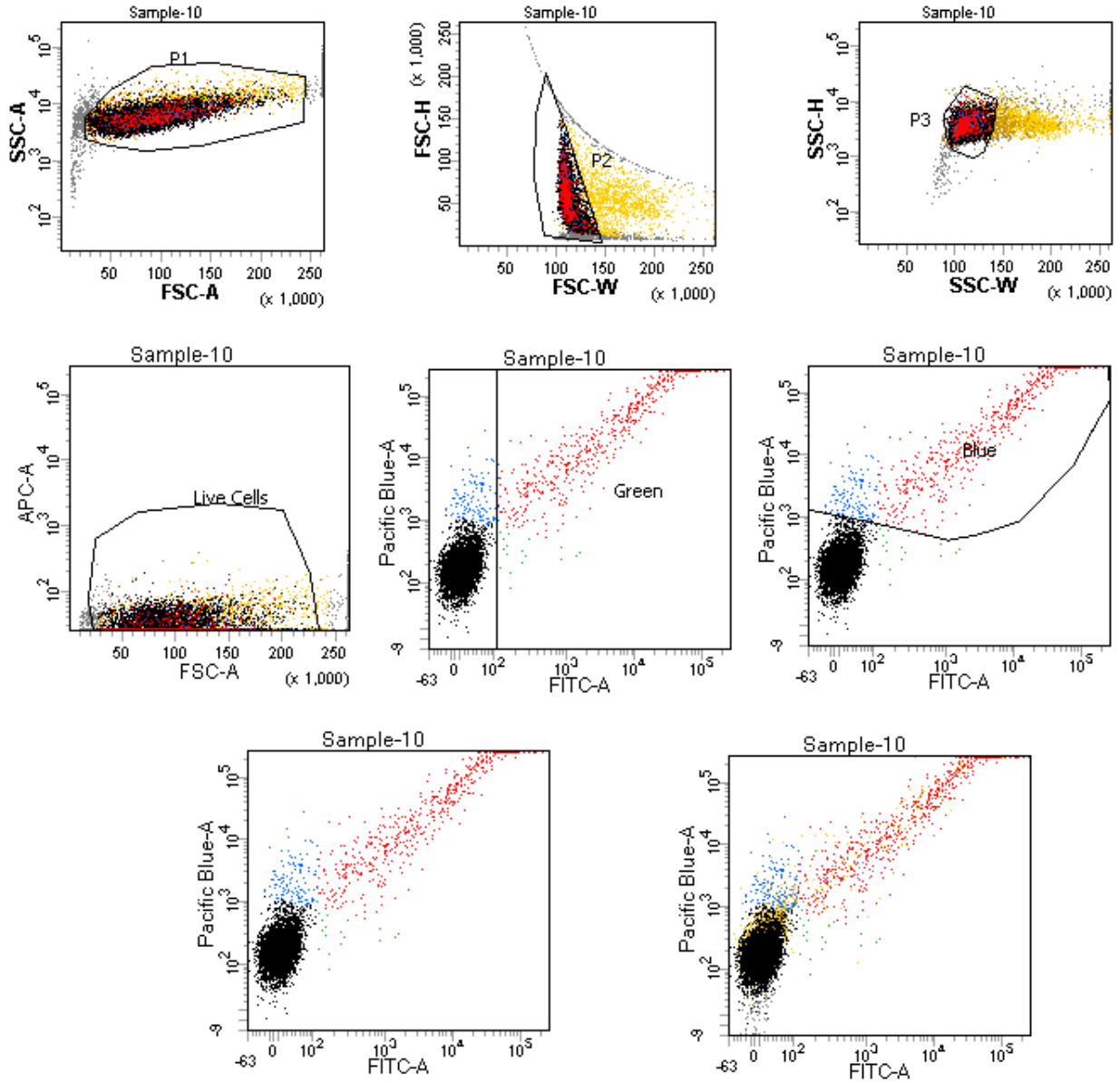
Tube: 9

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,825  | ####    | 100.0  |
| P1         | 11,891  | 92.7    | 92.7   |
| P2         | 10,424  | 87.7    | 81.3   |
| P3         | 10,006  | 96.0    | 78.0   |
| Live Cells | 10,000  | 99.9    | 78.0   |
| Blue       | 793     | 7.9     | 6.2    |
| Green      | 668     | 6.7     | 5.2    |
| Both       | 643     | 6.4     | 5.0    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 9  
 Record Date: Apr 2, 2015 3:40:18 PM  
 SOP: IsaacChaim  
 GUID: 3cddb08f-2a46-437b-b15c-eafbf...

| Population | #Events | %Parent | FITC-A | FITC-A | Pacific... | Pacific... |
|------------|---------|---------|--------|--------|------------|------------|
|            |         |         | Mean   | Median | Mean       | Median     |
| Live Cells | 10,000  | 99.9    | 959    | 11     | 4,610      | 171        |
| Blue       | 793     | 7.9     | 11,329 | 1,542  | 55,295     | 12,087     |
| Green      | 668     | 6.7     | 14,225 | 2,667  | 65,854     | 19,373     |
| Both       | 643     | 6.4     | 13,962 | 2,888  | 67,586     | 21,138     |

# BD FACSDiva 8.0

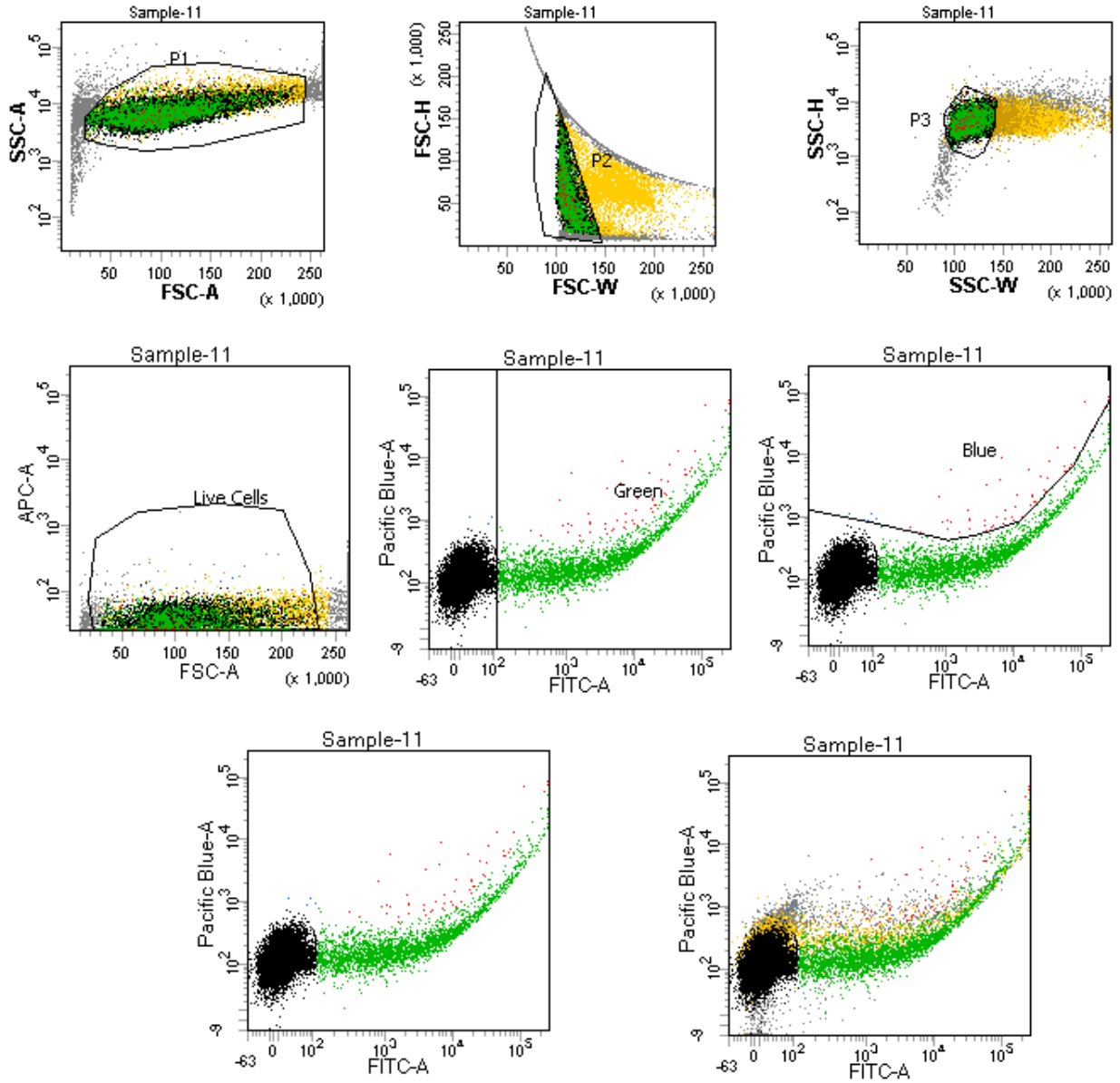


Tube: 10

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,359  | ####    | 100.0  |
| P1         | 11,509  | 93.1    | 93.1   |
| P2         | 10,332  | 89.8    | 83.6   |
| P3         | 10,002  | 96.8    | 80.9   |
| Live Cells | 10,000  | 100.0   | 80.9   |
| Blue       | 611     | 6.1     | 4.9    |
| Green      | 501     | 5.0     | 4.1    |
| Both       | 484     | 4.8     | 3.9    |

|                  |                                 |       |        |        |           |           |
|------------------|---------------------------------|-------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402             |       |        |        |           |           |
| Plate Name:      |                                 |       |        |        |           |           |
| Specimen Name:   | Sample                          |       |        |        |           |           |
| Tube Name:       | 10                              |       |        |        |           |           |
| Record Date:     | Apr 2, 2015 3:41:00 PM          |       |        |        |           |           |
| SOP:             | IsaacChaim                      |       |        |        |           |           |
| GUID:            | 3124a841-1fa3-42bd-a9db-31c1... |       |        |        |           |           |
|                  |                                 |       | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                 |       | Mean   | Median | Mean      | Median    |
| Live Cells       | 10,000                          | 100.0 | 674    | 9      | 3,456     | 165       |
| Blue             | 611                             | 6.1   | 10,899 | 1,353  | 53,775    | 10,200    |
| Green            | 501                             | 5.0   | 13,295 | 2,518  | 64,884    | 17,641    |
| Both             | 484                             | 4.8   | 13,749 | 2,844  | 67,131    | 19,459    |

# BD FACSDiva 8.0



Tube: 11

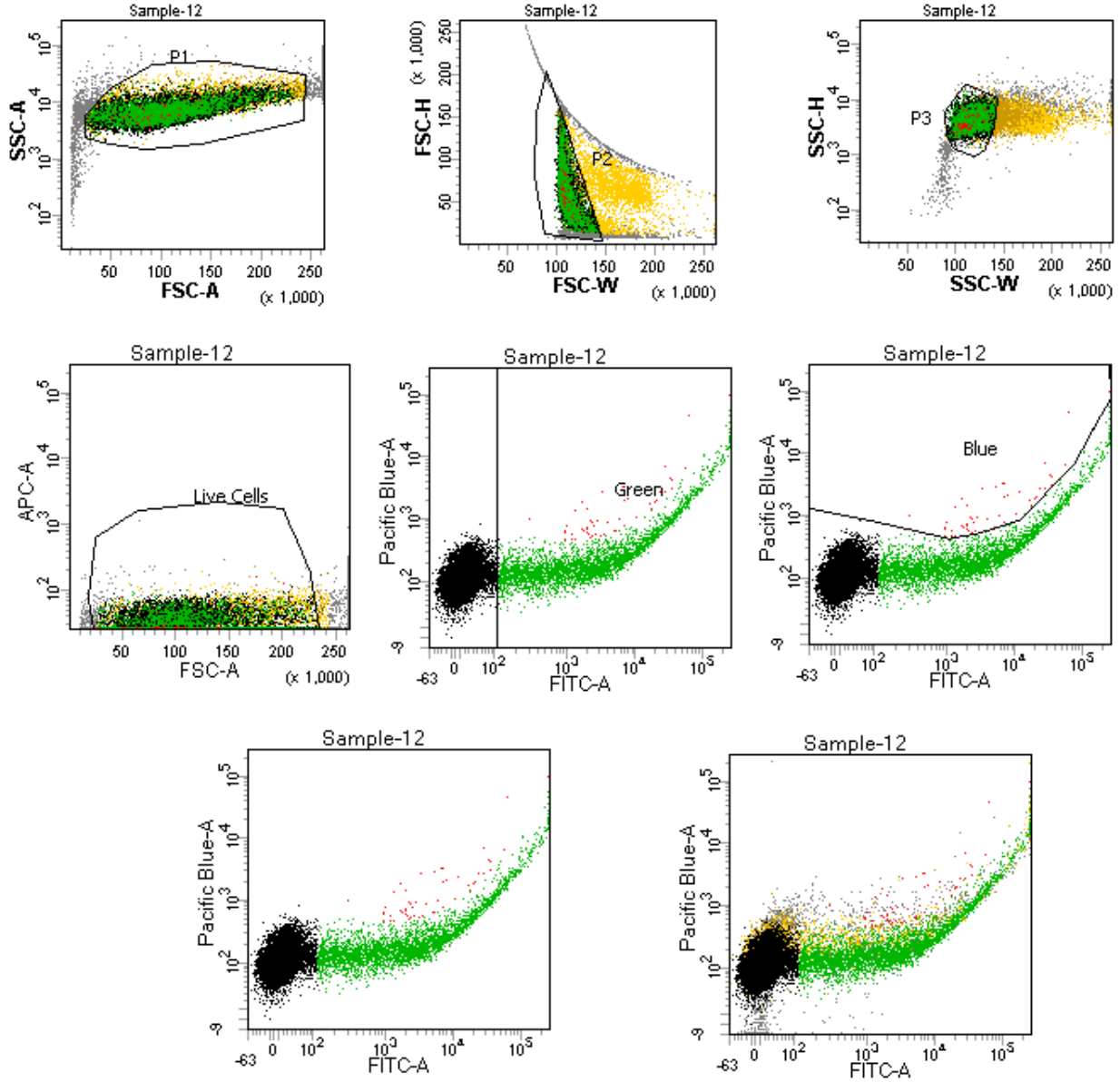
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 27,158  | ####    | 100.0  |
| P1         | 24,432  | 90.0    | 90.0   |
| P2         | 20,815  | 85.2    | 76.6   |
| P3         | 20,033  | 96.2    | 73.8   |
| Live Cells | 20,000  | 99.8    | 73.6   |
| Blue       | 60      | 0.3     | 0.2    |
| Green      | 2,849   | 14.2    | 10.5   |
| Both       | 56      | 0.3     | 0.2    |

|                  |                                 |
|------------------|---------------------------------|
| Experiment Name: | 20-109 Lab 20150402             |
| Plate Name:      |                                 |
| Specimen Name:   | Sample                          |
| Tube Name:       | 11                              |
| Record Date:     | Apr 2, 2015 3:44:03 PM          |
| SOP:             | IsaacChaim                      |
| GUID:            | d457ec27-a25b-4a61-bec8-a4da... |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 20,000  | 99.8    | 1,803       | 15            | 215             | 121               |
| Blue       | 60      | 0.3     | 29,212      | 8,259         | 7,445           | 1,395             |
| Green      | 2,849   | 14.2    | 11,178      | 1,519         | 750             | 175               |
| Both       | 56      | 0.3     | 31,294      | 10,240        | 7,905           | 1,608             |

# BD FACSDiva 8.0



Tube: 12

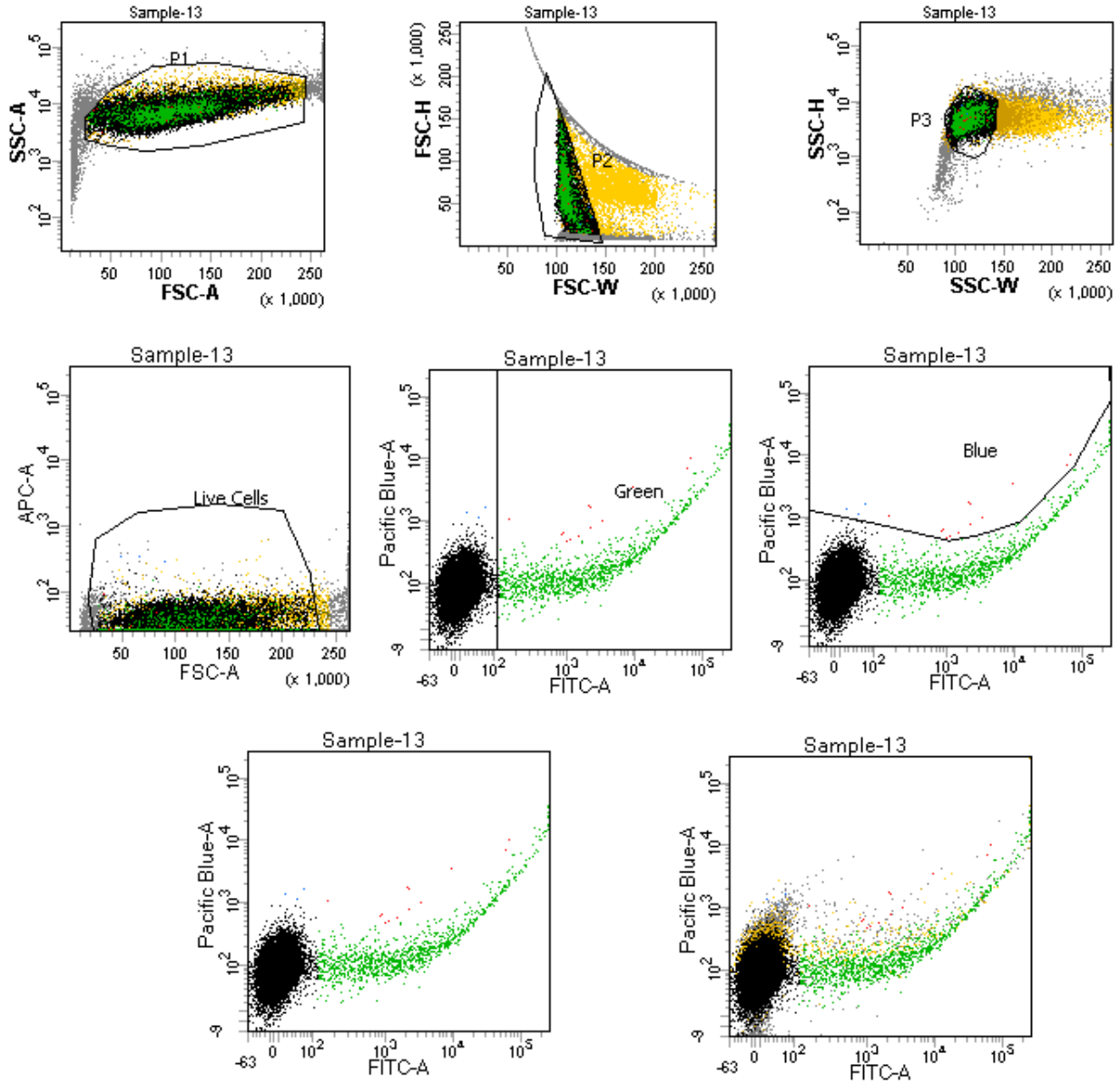
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 25,277  | ####    | 100.0  |
| P1         | 23,388  | 92.5    | 92.5   |
| P2         | 20,794  | 88.9    | 82.3   |
| P3         | 20,028  | 96.3    | 79.2   |
| Live Cells | 20,000  | 99.9    | 79.1   |
| Blue       | 53      | 0.3     | 0.2    |
| Green      | 3,306   | 16.5    | 13.1   |
| Both       | 53      | 0.3     | 0.2    |

|                  |                                  |
|------------------|----------------------------------|
| Experiment Name: | 20-109 Lab 20150402              |
| Plate Name:      |                                  |
| Specimen Name:   | Sample                           |
| Tube Name:       | 12                               |
| Record Date:     | Apr 2, 2015 3:46:33 PM           |
| SOP:             | IsaacChaim                       |
| GUID:            | 6ade88ab-f0a4-4a8d-9f3e-a5bd7... |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 20,000  | 99.9    | 2,029       | 17            | 217             | 121               |
| Blue       | 53      | 0.3     | 14,949      | 3,357         | 4,395           | 952               |
| Green      | 3,306   | 16.5    | 12,205      | 1,749         | 684             | 177               |
| Both       | 53      | 0.3     | 14,949      | 3,357         | 4,395           | 952               |

# BD FACSDiva 8.0



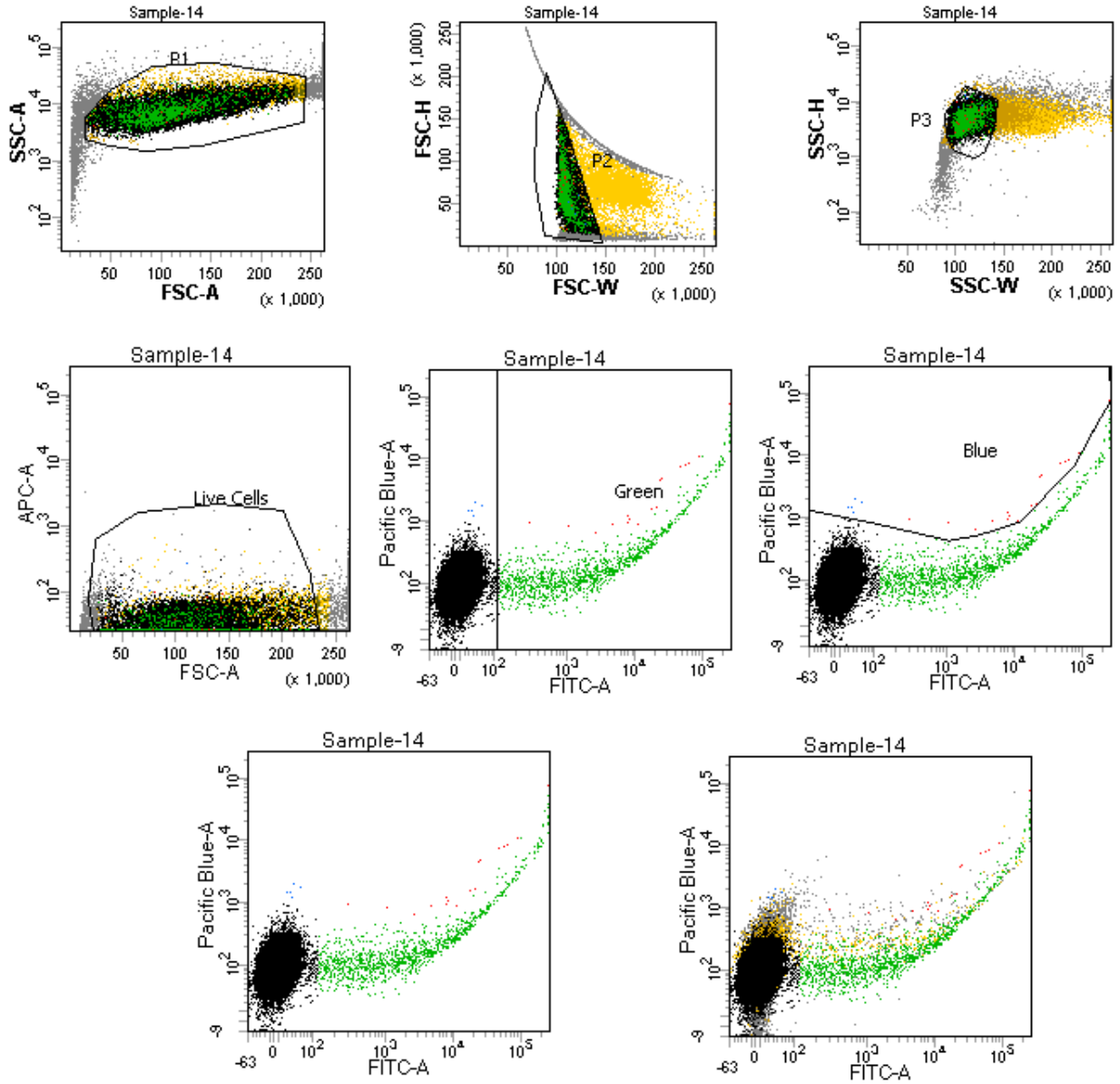
Tube: 13

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 38,218  | ####    | 100.0  |
| P1         | 35,193  | 92.1    | 92.1   |
| P2         | 31,077  | 88.3    | 81.3   |
| P3         | 30,071  | 96.8    | 78.7   |
| Live Cells | 30,000  | 99.8    | 78.5   |
| Blue       | 16      | 0.1     | 0.0    |
| Green      | 1,072   | 3.6     | 2.8    |
| Both       | 13      | 0.0     | 0.0    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 13  
 Record Date: Apr 2, 2015 3:50:03 PM  
 SOP: IsaacChaim  
 GUID: e87e8ec3-57a2-4037-adda-7e96...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 30,000  | 99.8    | 460         | 6             | 115             | 86                |
| Blue       | 16      | 0.1     | 9,383       | 1,277         | 2,125           | 1,092             |
| Green      | 1,072   | 3.6     | 12,743      | 1,494         | 712             | 138               |
| Both       | 13      | 0.0     | 11,538      | 1,995         | 2,303           | 978               |

# BD FACSDiva 8.0



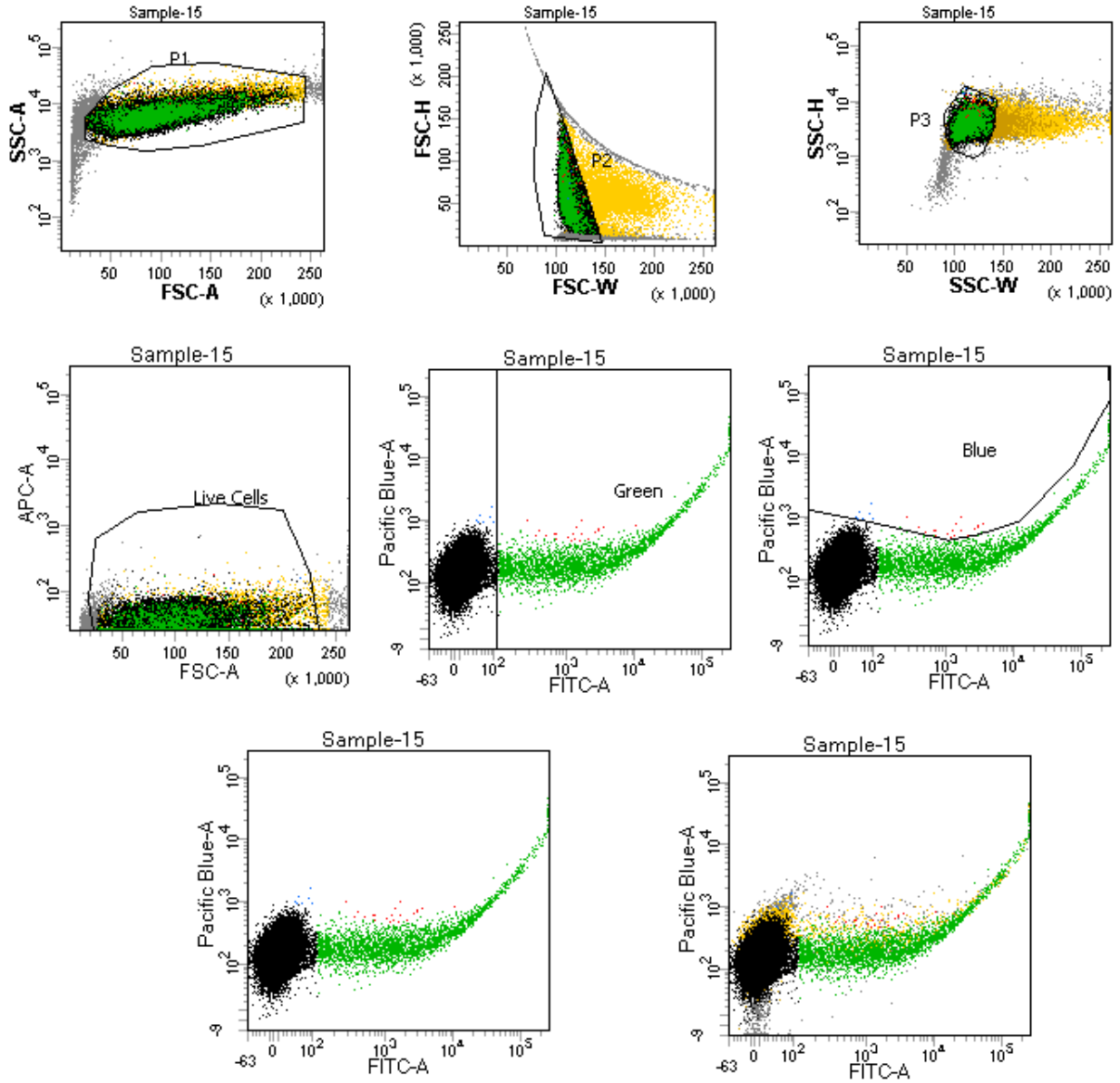
Tube: 14

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 39,087  | ####    | 100.0  |
| P1         | 35,555  | 91.0    | 91.0   |
| P2         | 31,297  | 88.0    | 80.1   |
| P3         | 30,085  | 96.1    | 77.0   |
| Live Cells | 30,000  | 99.7    | 76.8   |
| Blue       | 22      | 0.1     | 0.1    |
| Green      | 1,063   | 3.5     | 2.7    |
| Both       | 17      | 0.1     | 0.0    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 14  
 Record Date: Apr 2, 2015 3:54:34 PM  
 SOP: IsaacChaim  
 GUID: 31e4beee-3988-4f08-a3a8-ee7d...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 30,000  | 99.7    | 509         | 7             | 124             | 87                |
| Blue       | 22      | 0.1     | 29,514      | 8,077         | 6,338           | 1,491             |
| Green      | 1,063   | 3.5     | 14,206      | 1,492         | 891             | 139               |
| Both       | 17      | 0.1     | 38,183      | 17,826        | 7,753           | 1,584             |

# BD FACSDiva 8.0



Tube: 15

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 58,626  | ####    | 100.0  |
| P1         | 55,731  | 95.1    | 95.1   |
| P2         | 51,211  | 91.9    | 87.4   |
| P3         | 50,025  | 97.7    | 85.3   |
| Live Cells | 50,000  | 100.0   | 85.3   |
| Blue       | 28      | 0.1     | 0.0    |
| Green      | 2,652   | 5.3     | 4.5    |
| Both       | 21      | 0.0     | 0.0    |

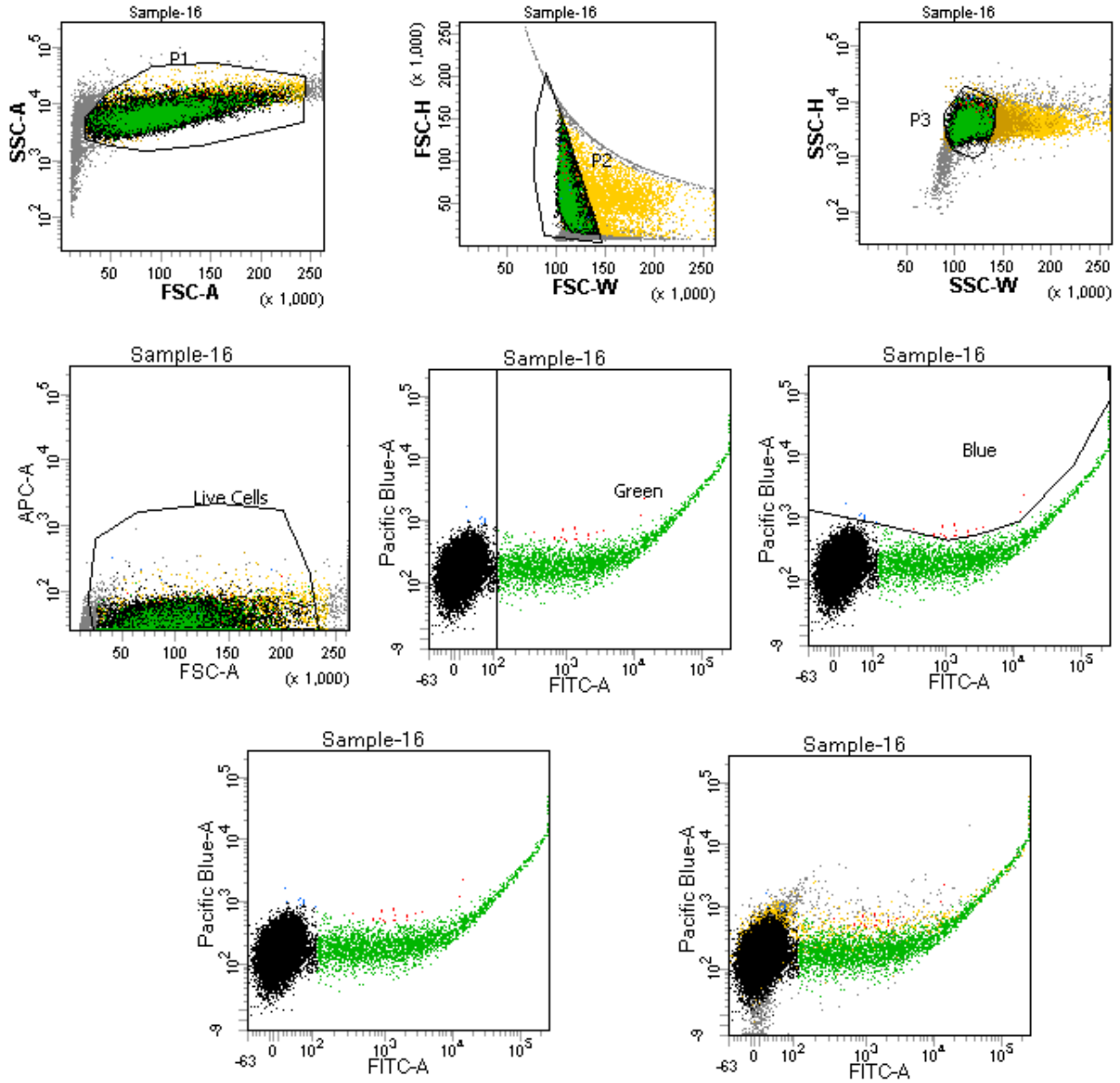
|                  |                                  |  |  |  |  |  |
|------------------|----------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402              |  |  |  |  |  |
| Plate Name:      |                                  |  |  |  |  |  |
| Specimen Name:   | Sample                           |  |  |  |  |  |
| Tube Name:       | 15                               |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 3:57:13 PM           |  |  |  |  |  |
| SOP:             | IsaacChaim                       |  |  |  |  |  |
| GUID:            | e42f7b5e-2a81-4ded-9796-addef... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 50,000  | 100.0   | 562         | 10            | 184             | 152               |
| Blue       | 28      | 0.1     | 1,392       | 842           | 757             | 673               |
| Green      | 2,652   | 5.3     | 10,436      | 1,238         | 570             | 205               |
| Both       | 21      | 0.0     | 1,834       | 1,308         | 641             | 583               |



# BD FACSDiva 8.0



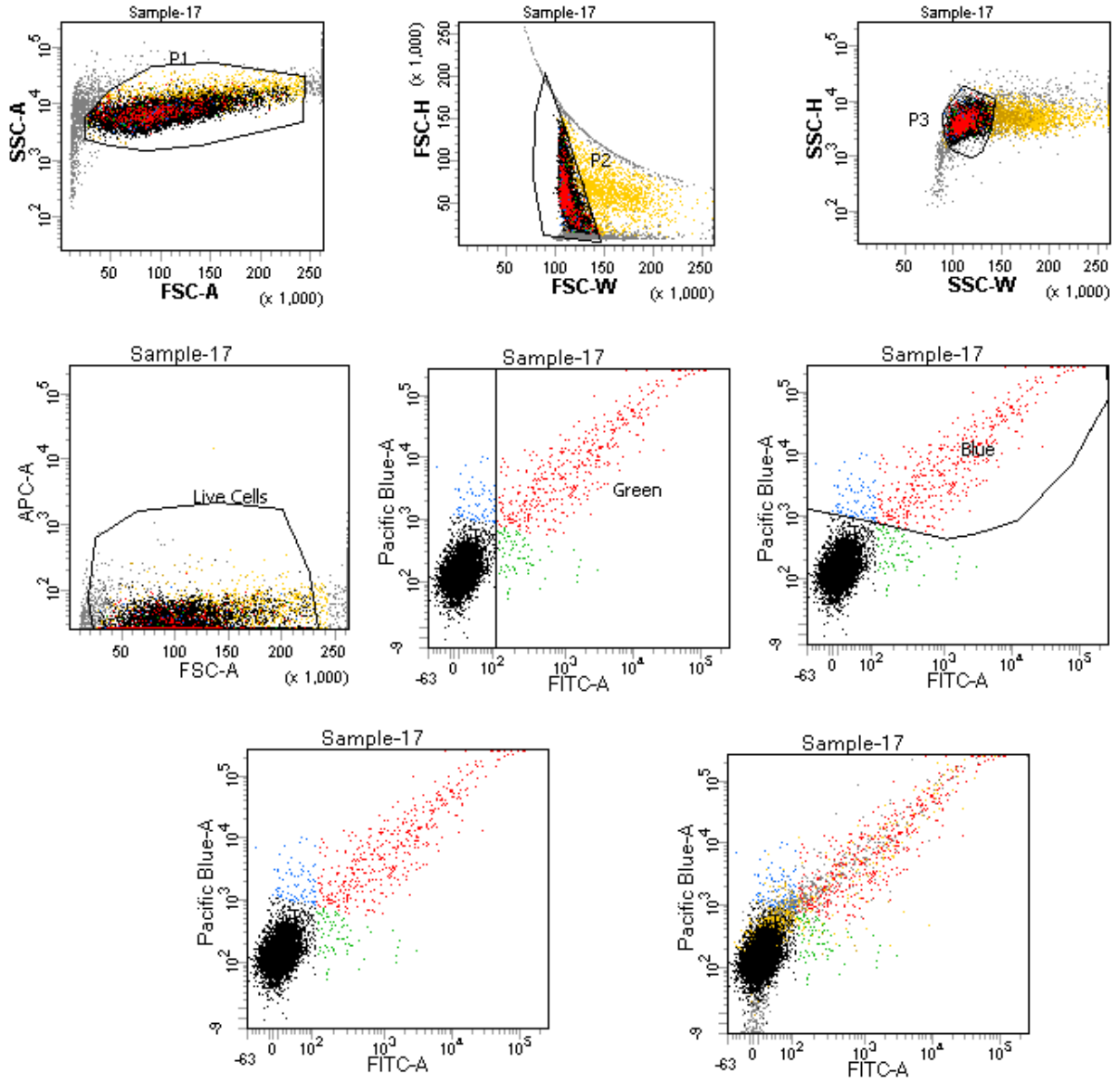
Tube: 16

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 57,696  | ####    | 100.0  |
| P1         | 54,773  | 94.9    | 94.9   |
| P2         | 51,197  | 93.5    | 88.7   |
| P3         | 50,031  | 97.7    | 86.7   |
| Live Cells | 50,000  | 99.9    | 86.7   |
| Blue       | 29      | 0.1     | 0.1    |
| Green      | 2,721   | 5.4     | 4.7    |
| Both       | 20      | 0.0     | 0.0    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 16  
 Record Date: Apr 2, 2015 3:59:14 PM  
 SOP: IsaacChaim  
 GUID: f0cf1032-981b-4aa8-844c-84b21...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 50,000  | 99.9    | 626         | 10            | 188             | 153               |
| Blue       | 29      | 0.1     | 1,773       | 887           | 806             | 683               |
| Green      | 2,721   | 5.4     | 11,342      | 1,270         | 596             | 210               |
| Both       | 20      | 0.0     | 2,545       | 1,272         | 701             | 606               |

BD FACSDiva 8.0

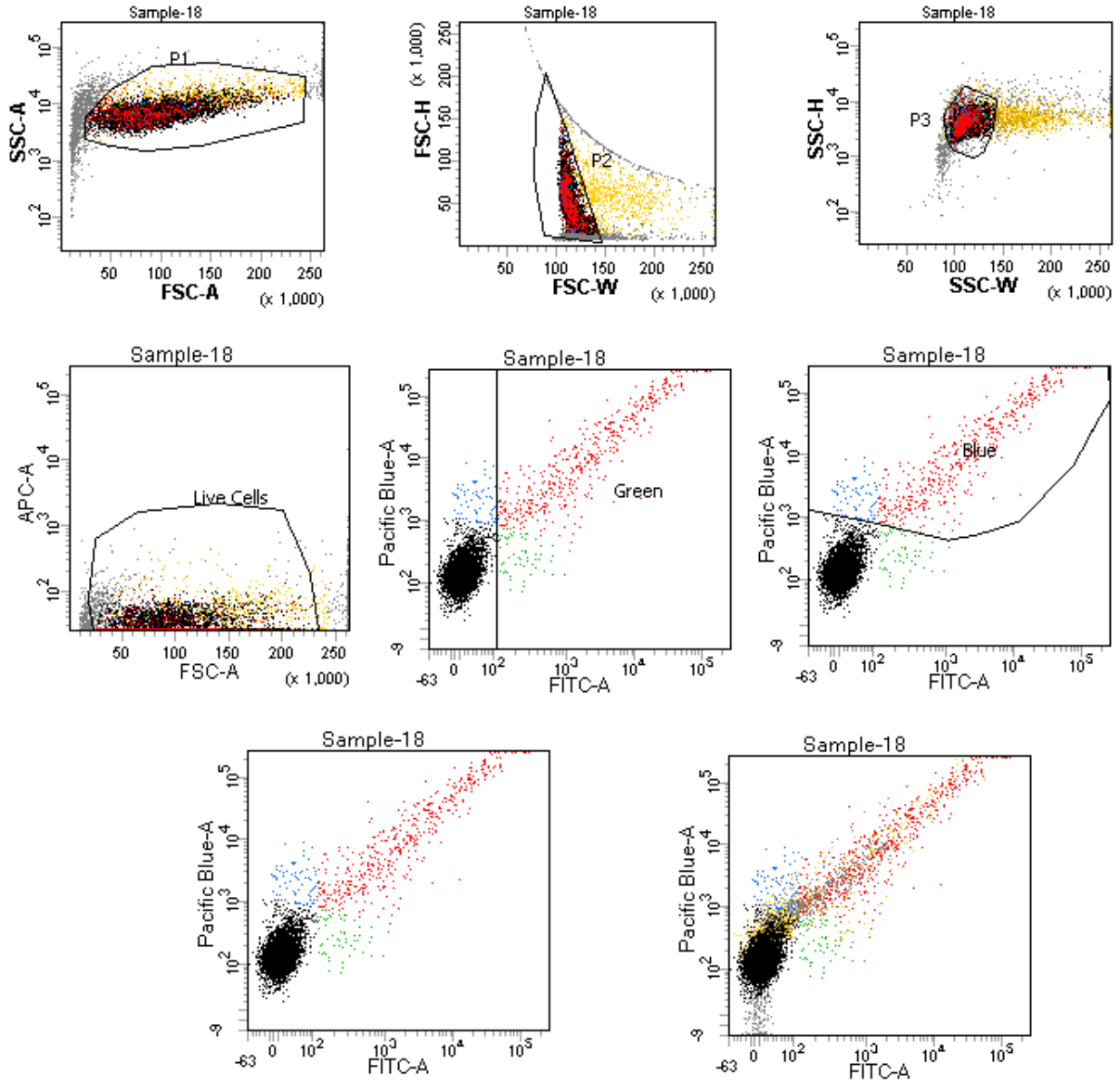


Tube: 17

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 13,312  | ####    | 100.0  |
| P1         | 11,855  | 89.1    | 89.1   |
| P2         | 10,433  | 88.0    | 78.4   |
| P3         | 10,011  | 96.0    | 75.2   |
| Live Cells | 10,000  | 99.9    | 75.1   |
| Blue       | 509     | 5.1     | 3.8    |
| Green      | 504     | 5.0     | 3.8    |
| Both       | 428     | 4.3     | 3.2    |

|                  |                                  |      |        |        |           |           |
|------------------|----------------------------------|------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402              |      |        |        |           |           |
| Plate Name:      |                                  |      |        |        |           |           |
| Specimen Name:   | Sample                           |      |        |        |           |           |
| Tube Name:       | 17                               |      |        |        |           |           |
| Record Date:     | Apr 2, 2015 4:01:54 PM           |      |        |        |           |           |
| SOP:             | IsaacChaim                       |      |        |        |           |           |
| GUID:            | b9d05535-1f3c-45e8-95c9-c320f... |      |        |        |           |           |
|                  |                                  |      | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                  |      | Mean   | Median | Mean      | Median    |
| Live Cells       | 10,000                           | 99.9 | 293    | 12     | 1,413     | 138       |
| Blue             | 509                              | 5.1  | 5,517  | 805    | 24,905    | 4,700     |
| Green            | 504                              | 5.0  | 5,613  | 854    | 24,827    | 4,438     |
| Both             | 428                              | 4.3  | 6,552  | 1,238  | 29,180    | 6,976     |

# BD FACSDiva 8.0



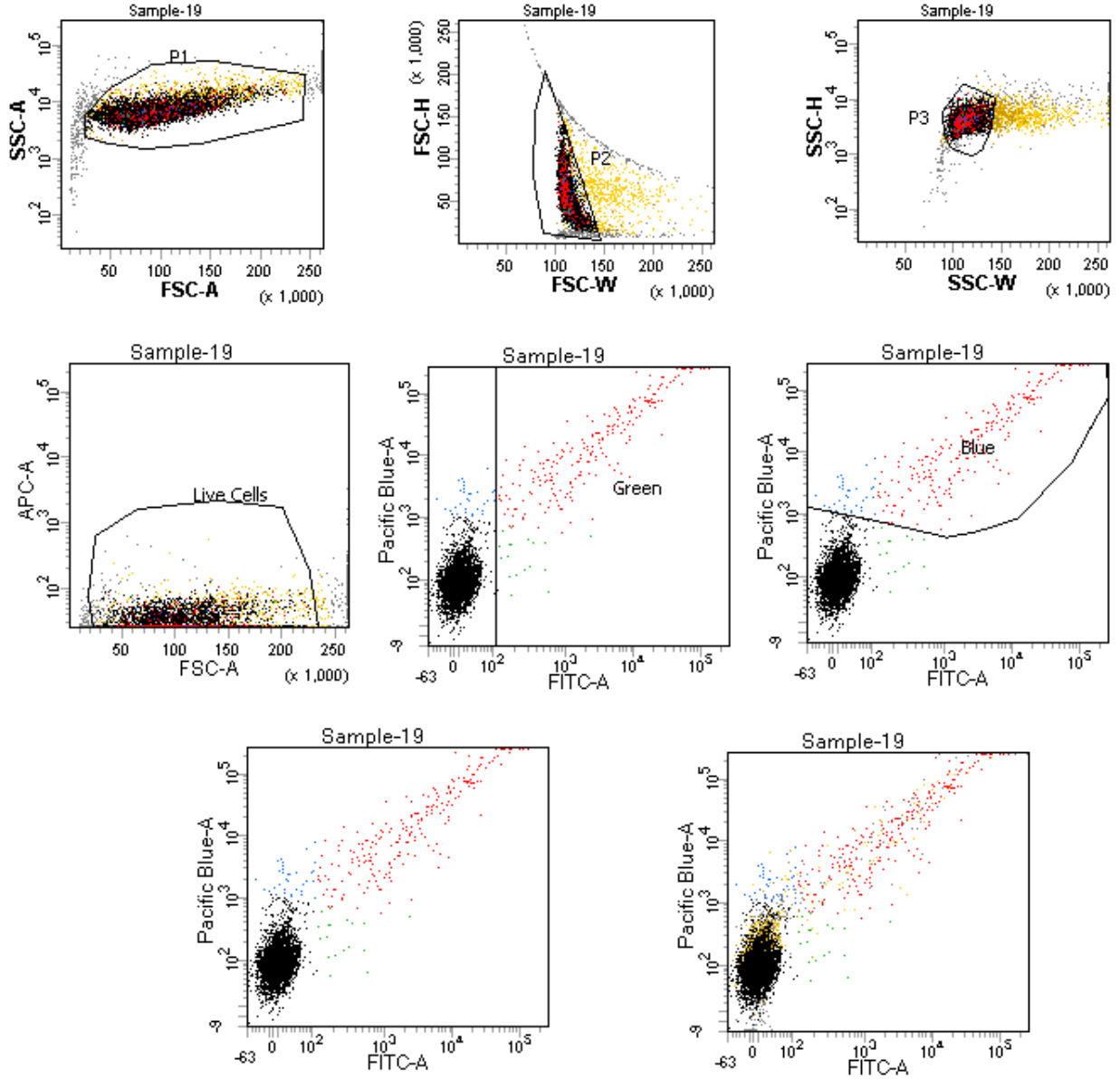
Tube: 18

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 7,874   | ####    | 100.0  |
| P1         | 6,505   | 82.6    | 82.6   |
| P2         | 5,844   | 89.8    | 74.2   |
| P3         | 5,621   | 96.2    | 71.4   |
| Live Cells | 5,618   | 99.9    | 71.3   |
| Blue       | 527     | 9.4     | 6.7    |
| Green      | 513     | 9.1     | 6.5    |
| Both       | 453     | 8.1     | 5.8    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 18  
 Record Date: Apr 2, 2015 4:06:40 PM  
 SOP: IsaacChaim  
 GUID: da837e5f-78bb-433b-a21f-e8e72...

| Population | #Events | %Parent | FITC-A | FITC-A | Pacific... | Pacific... |
|------------|---------|---------|--------|--------|------------|------------|
|            |         |         | Mean   | Median | Mean       | Median     |
| Live Cells | 5,618   | 99.9    | 613    | 14     | 2,985      | 146        |
| Blue       | 527     | 9.4     | 6,388  | 1,076  | 30,257     | 5,850      |
| Green      | 513     | 9.1     | 6,587  | 1,146  | 30,789     | 5,992      |
| Both       | 453     | 8.1     | 7,423  | 1,523  | 34,803     | 8,352      |

BD FACSDiva 8.0



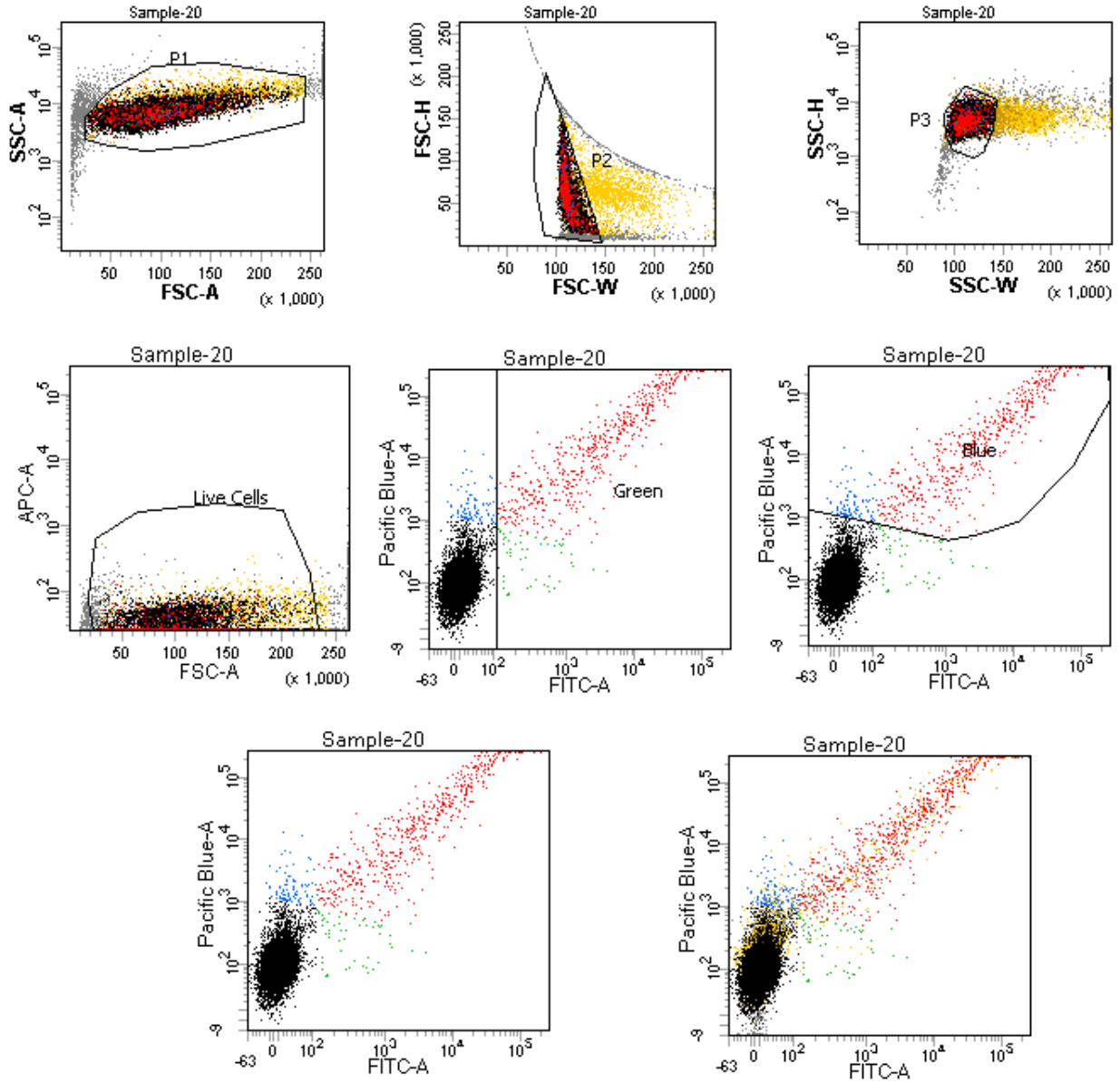
Tube: 19

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 6,323   | ####    | 100.0  |
| P1         | 5,829   | 92.2    | 92.2   |
| P2         | 5,248   | 90.0    | 83.0   |
| P3         | 5,003   | 95.3    | 79.1   |
| Live Cells | 5,000   | 99.9    | 79.1   |
| Blue       | 256     | 5.1     | 4.0    |
| Green      | 240     | 4.8     | 3.8    |
| Both       | 222     | 4.4     | 3.5    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 19  
 Record Date: Apr 2, 2015 4:08:12 PM  
 SOP: IsaacChaim  
 GUID: 0d5258e4-1a1b-410f-915f-84f26...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 5,000   | 99.9    | 436         | 6             | 2,031           | 90                |
| Blue       | 256     | 5.1     | 8,386       | 1,598         | 37,699          | 8,601             |
| Green      | 240     | 4.8     | 8,968       | 2,039         | 39,898          | 10,029            |
| Both       | 222     | 4.4     | 9,665       | 2,356         | 43,110          | 11,879            |

# BD FACSDiva 8.0



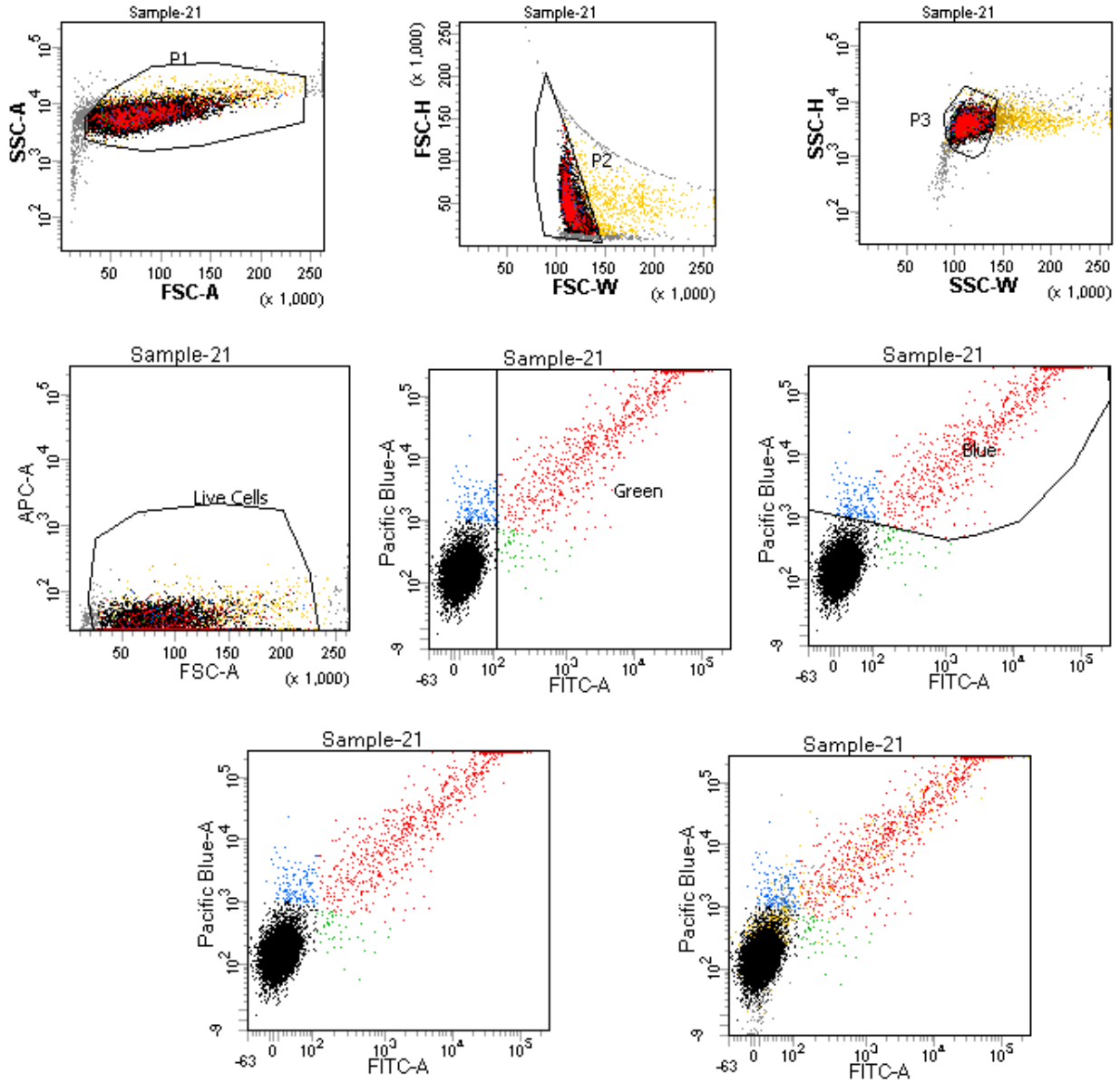
Tube: 20

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 13,367  | ####    | 100.0  |
| P1         | 11,989  | 89.7    | 89.7   |
| P2         | 10,396  | 86.7    | 77.8   |
| P3         | 10,022  | 96.4    | 75.0   |
| Live Cells | 10,000  | 99.8    | 74.8   |
| Blue       | 601     | 6.0     | 4.5    |
| Green      | 571     | 5.7     | 4.3    |
| Both       | 514     | 5.1     | 3.8    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 20  
 Record Date: Apr 2, 2015 4:10:52 PM  
 SOP: IsaacChaim  
 GUID: 41bd7e22-e508-4c19-bb1a-9771...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 99.8    | 523         | 8             | 2,446           | 95                |
| Blue       | 601     | 6.0     | 8,559       | 1,609         | 38,947          | 8,460             |
| Green      | 571     | 5.7     | 9,053       | 1,980         | 40,702          | 10,413            |
| Both       | 514     | 5.1     | 10,002      | 2,475         | 45,180          | 13,583            |

# BD FACSDiva 8.0



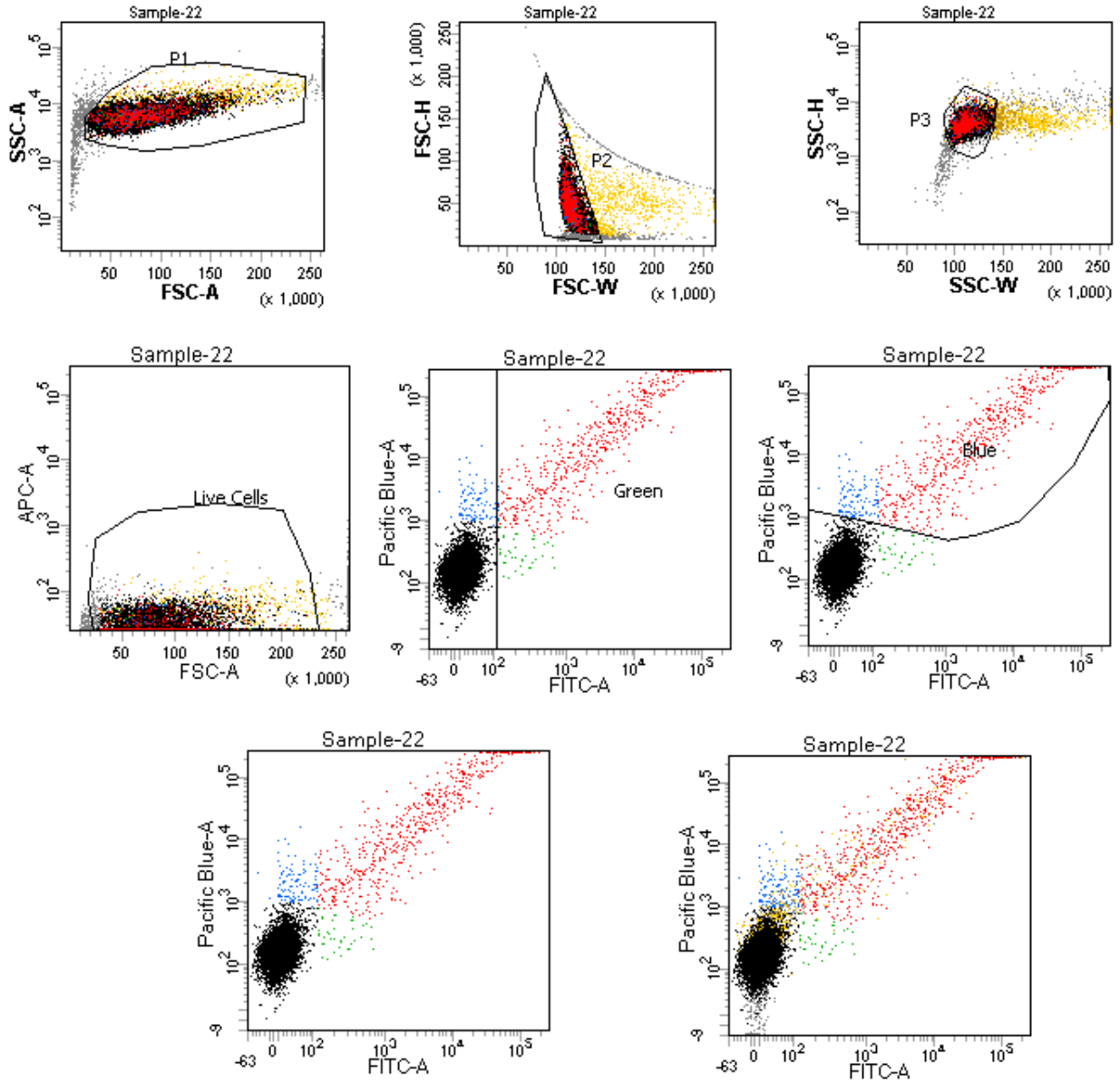
Tube: 21

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,509  | ####    | 100.0  |
| P1         | 10,820  | 94.0    | 94.0   |
| P2         | 10,204  | 94.3    | 88.7   |
| P3         | 10,000  | 98.0    | 86.9   |
| Live Cells | 10,000  | 100.0   | 86.9   |
| Blue       | 787     | 7.9     | 6.8    |
| Green      | 693     | 6.9     | 6.0    |
| Both       | 647     | 6.5     | 5.6    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 21  
 Record Date: Apr 2, 2015 4:11:55 PM  
 SOP: IsaacChaim  
 GUID: dfd8ee4e-52d3-4ee1-a114-0018...

| Population | #Events | %Parent | FITC-A | FITC-A | Pacific... | Pacific... |
|------------|---------|---------|--------|--------|------------|------------|
|            |         |         | Mean   | Median | Mean       | Median     |
| Live Cells | 10,000  | 100.0   | 759    | 11     | 4,049      | 157        |
| Blue       | 787     | 7.9     | 9,518  | 1,416  | 49,449     | 9,926      |
| Green      | 693     | 6.9     | 10,817 | 2,021  | 55,736     | 14,571     |
| Both       | 647     | 6.5     | 11,567 | 2,245  | 59,672     | 16,873     |

# BD FACSDiva 8.0

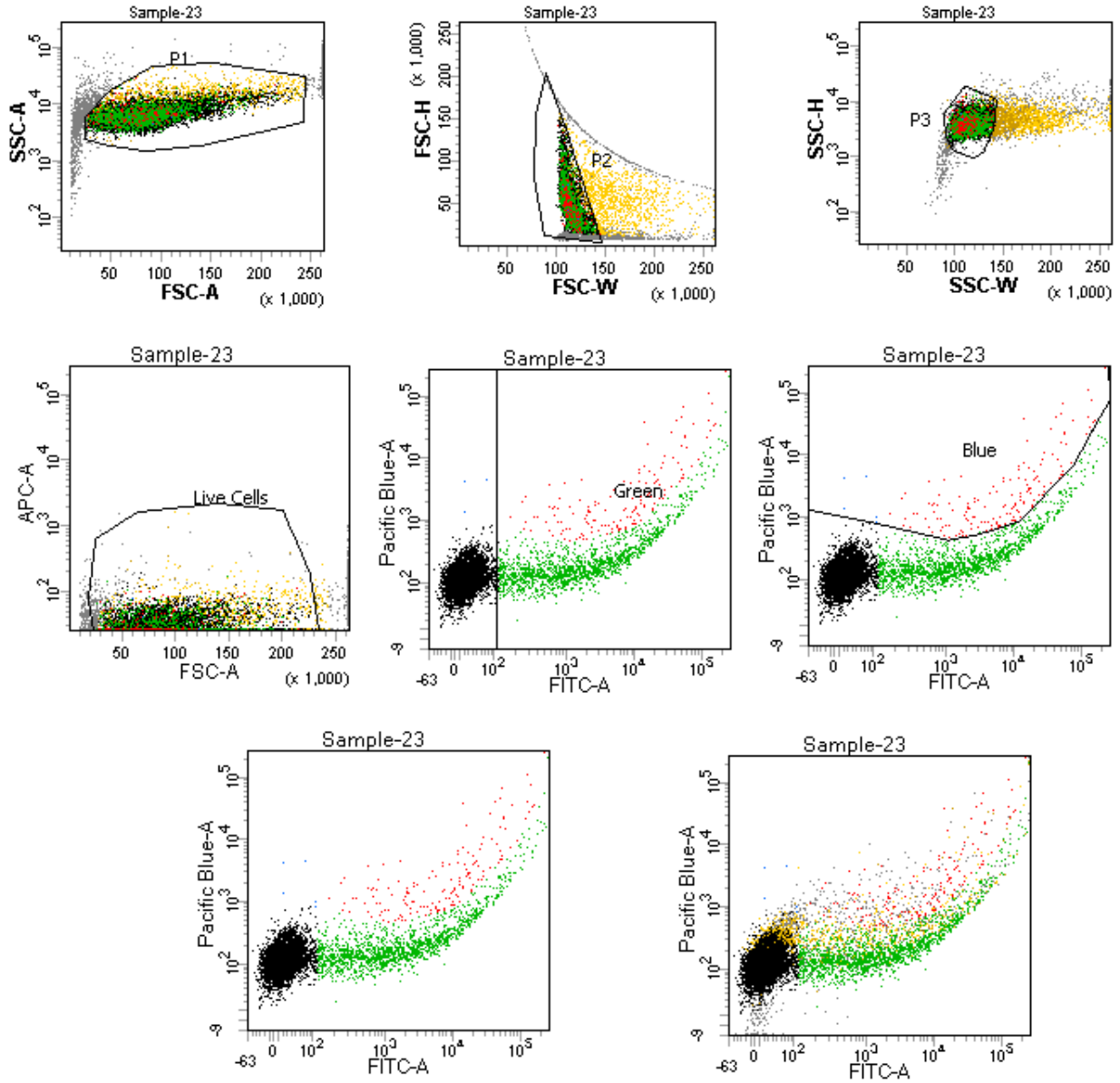


Tube: 22

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,856  | ####    | 100.0  |
| P1         | 10,911  | 92.0    | 92.0   |
| P2         | 10,189  | 93.4    | 85.9   |
| P3         | 10,004  | 98.2    | 84.4   |
| Live Cells | 10,000  | 100.0   | 84.3   |
| Blue       | 661     | 6.6     | 5.6    |
| Green      | 595     | 5.9     | 5.0    |
| Both       | 555     | 5.6     | 4.7    |

|                  |                                 |       |        |        |           |           |
|------------------|---------------------------------|-------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402             |       |        |        |           |           |
| Plate Name:      |                                 |       |        |        |           |           |
| Specimen Name:   | Sample                          |       |        |        |           |           |
| Tube Name:       | 22                              |       |        |        |           |           |
| Record Date:     | Apr 2, 2015 4:12:44 PM          |       |        |        |           |           |
| SOP:             | IsaacChaim                      |       |        |        |           |           |
| GUID:            | 6f3ee6ba-eb29-46d0-a1b2-5a34... |       |        |        |           |           |
|                  |                                 |       | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                 |       | Mean   | Median | Mean      | Median    |
| Live Cells       | 10,000                          | 100.0 | 610    | 11     | 3,000     | 158       |
| Blue             | 661                             | 6.6   | 9,076  | 1,289  | 42,956    | 8,894     |
| Green            | 595                             | 5.9   | 10,092 | 1,802  | 47,312    | 13,019    |
| Both             | 555                             | 5.6   | 10,801 | 2,225  | 50,699    | 15,670    |

# BD FACSDiva 8.0



Tube: 23

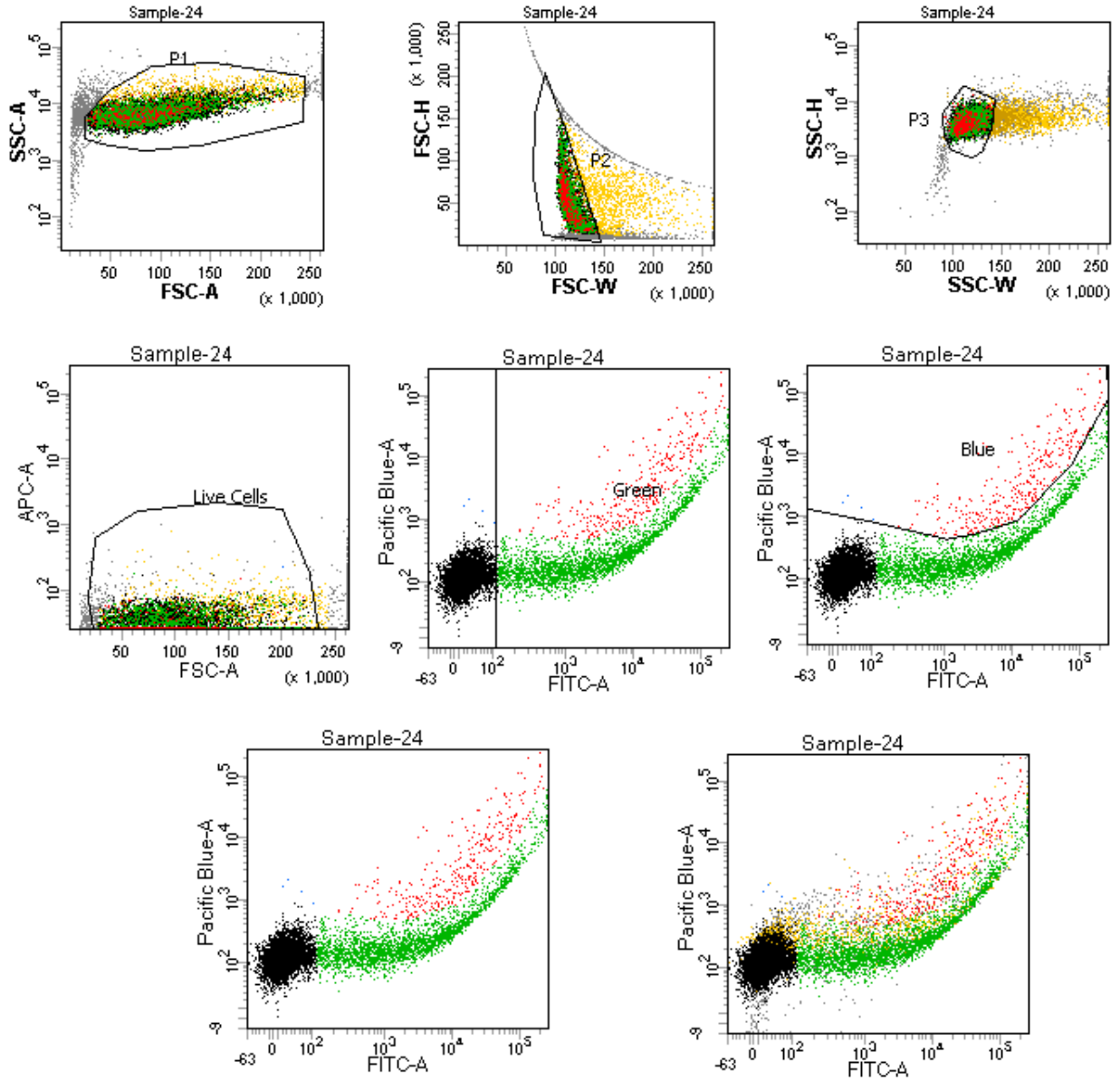
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,798  | ####    | 100.0  |
| P1         | 10,427  | 88.4    | 88.4   |
| P2         | 9,371   | 89.9    | 79.4   |
| P3         | 8,877   | 94.7    | 75.3   |
| Live Cells | 8,868   | 99.9    | 75.2   |
| Blue       | 160     | 1.8     | 1.4    |
| Green      | 1,641   | 18.5    | 13.9   |
| Both       | 155     | 1.7     | 1.3    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 23  
 Record Date: Apr 2, 2015 4:15:09 PM  
 SOP: IsaacChaim  
 GUID: 42ff1850-f479-434c-bcc9-582d9...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 8,868   | 99.9    | 1,769       | 21            | 357             | 123               |
| Blue       | 160     | 1.8     | 20,096      | 7,197         | 8,028           | 1,648             |
| Green      | 1,641   | 18.5    | 9,484       | 1,512         | 1,368           | 181               |
| Both       | 155     | 1.7     | 20,742      | 7,880         | 8,212           | 1,649             |



BD FACSDiva 8.0



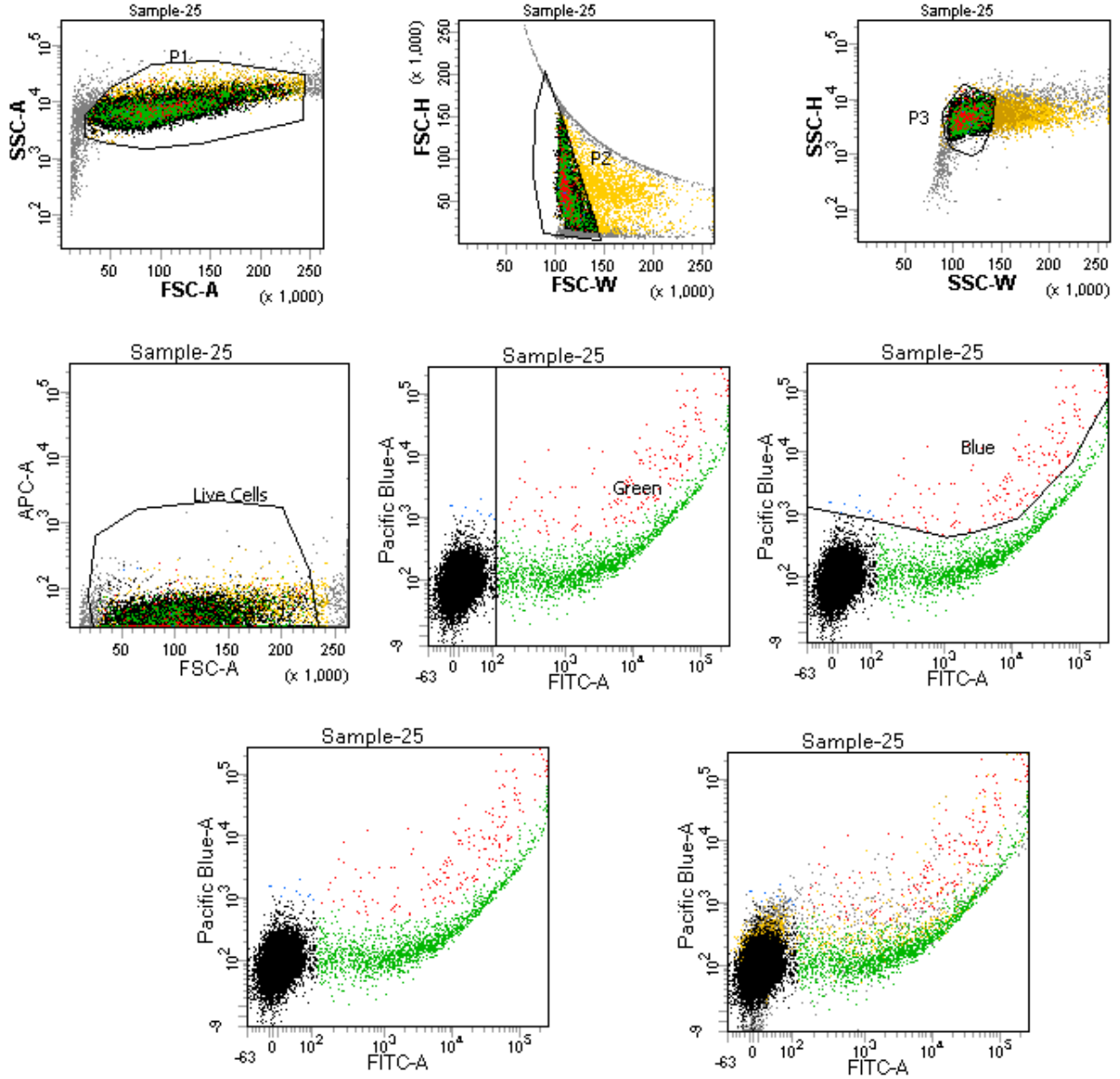
Tube: 24

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,880  | ####    | 100.0  |
| P1         | 11,824  | 90.2    | 90.2   |
| P2         | 10,511  | 90.4    | 81.6   |
| P3         | 10,011  | 95.2    | 77.7   |
| Live Cells | 10,000  | 99.9    | 77.6   |
| Blue       | 331     | 3.3     | 2.6    |
| Green      | 2,889   | 28.9    | 22.4   |
| Both       | 327     | 3.3     | 2.5    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 24  
 Record Date: Apr 2, 2015 4:16:29 PM  
 SOP: IsaacChaim  
 GUID: c4eed5eb-222e-4470-bead-480b...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 99.9    | 4,817       | 28            | 703             | 132               |
| Blue       | 331     | 3.3     | 29,858      | 13,363        | 11,544          | 2,428             |
| Green      | 2,889   | 28.9    | 15,937      | 2,340         | 2,117           | 218               |
| Both       | 327     | 3.3     | 30,222      | 13,894        | 11,667          | 2,486             |

# BD FACSDiva 8.0



Tube: 25

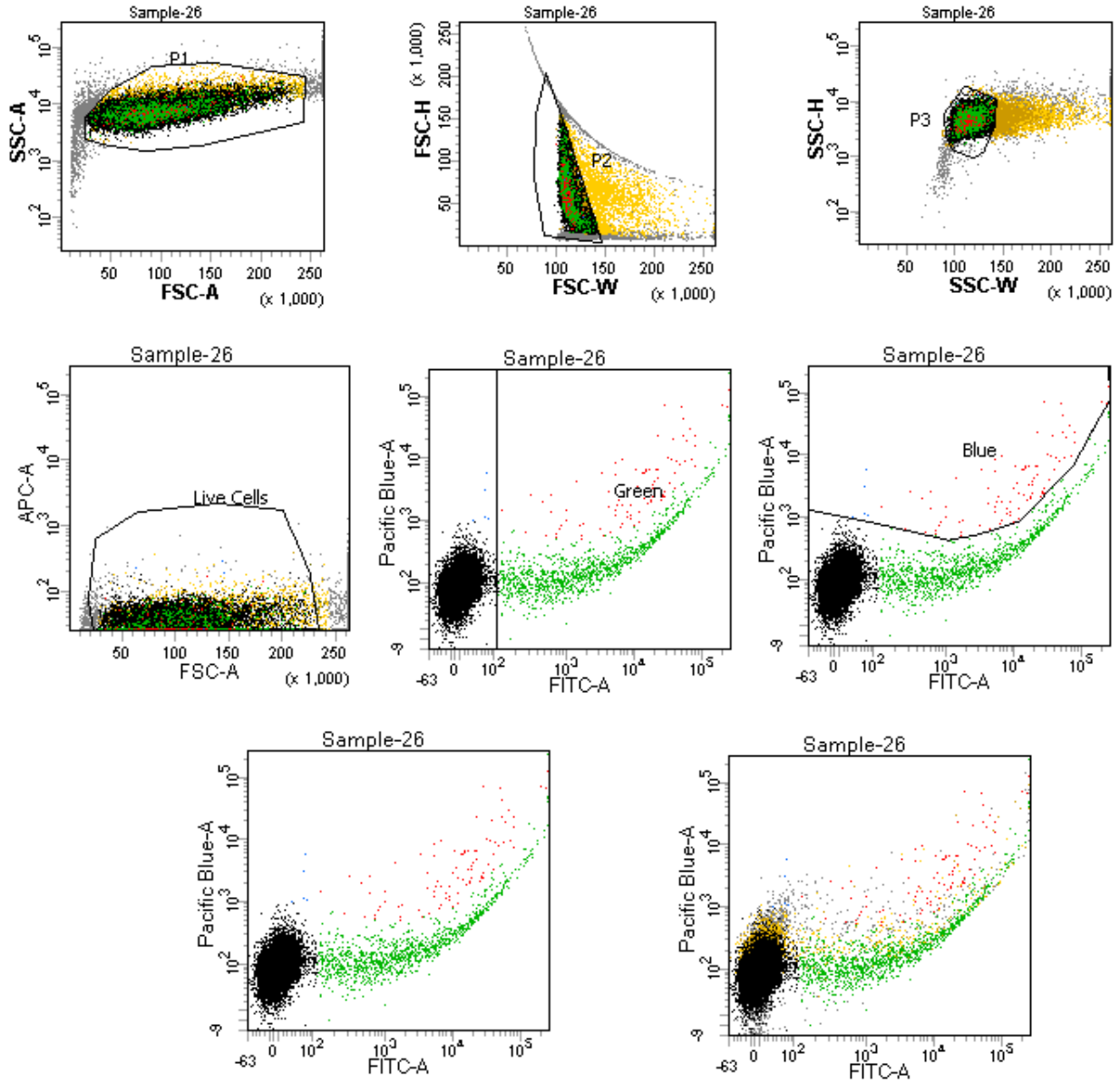
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 24,875  | ####    | 100.0  |
| P1         | 23,116  | 92.9    | 92.9   |
| P2         | 20,976  | 90.7    | 84.3   |
| P3         | 20,071  | 95.7    | 80.7   |
| Live Cells | 20,035  | 99.8    | 80.5   |
| Blue       | 195     | 1.0     | 0.8    |
| Green      | 1,712   | 8.5     | 6.9    |
| Both       | 185     | 0.9     | 0.7    |

|                  |                                 |  |  |  |  |  |
|------------------|---------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402             |  |  |  |  |  |
| Plate Name:      |                                 |  |  |  |  |  |
| Specimen Name:   | Sample                          |  |  |  |  |  |
| Tube Name:       | 25                              |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 4:18:13 PM          |  |  |  |  |  |
| SOP:             | IsaacChaim                      |  |  |  |  |  |
| GUID:            | 8d5a1942-877b-4cfd-8b43-2dec... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 20,035  | 99.8    | 1,463       | 9             | 357             | 88                |
| Blue       | 195     | 1.0     | 35,547      | 12,304        | 20,581          | 3,728             |
| Green      | 1,712   | 8.5     | 17,044      | 2,579         | 3,157           | 184               |
| Both       | 185     | 0.9     | 37,466      | 14,028        | 21,623          | 4,109             |

# BD FACSDiva 8.0



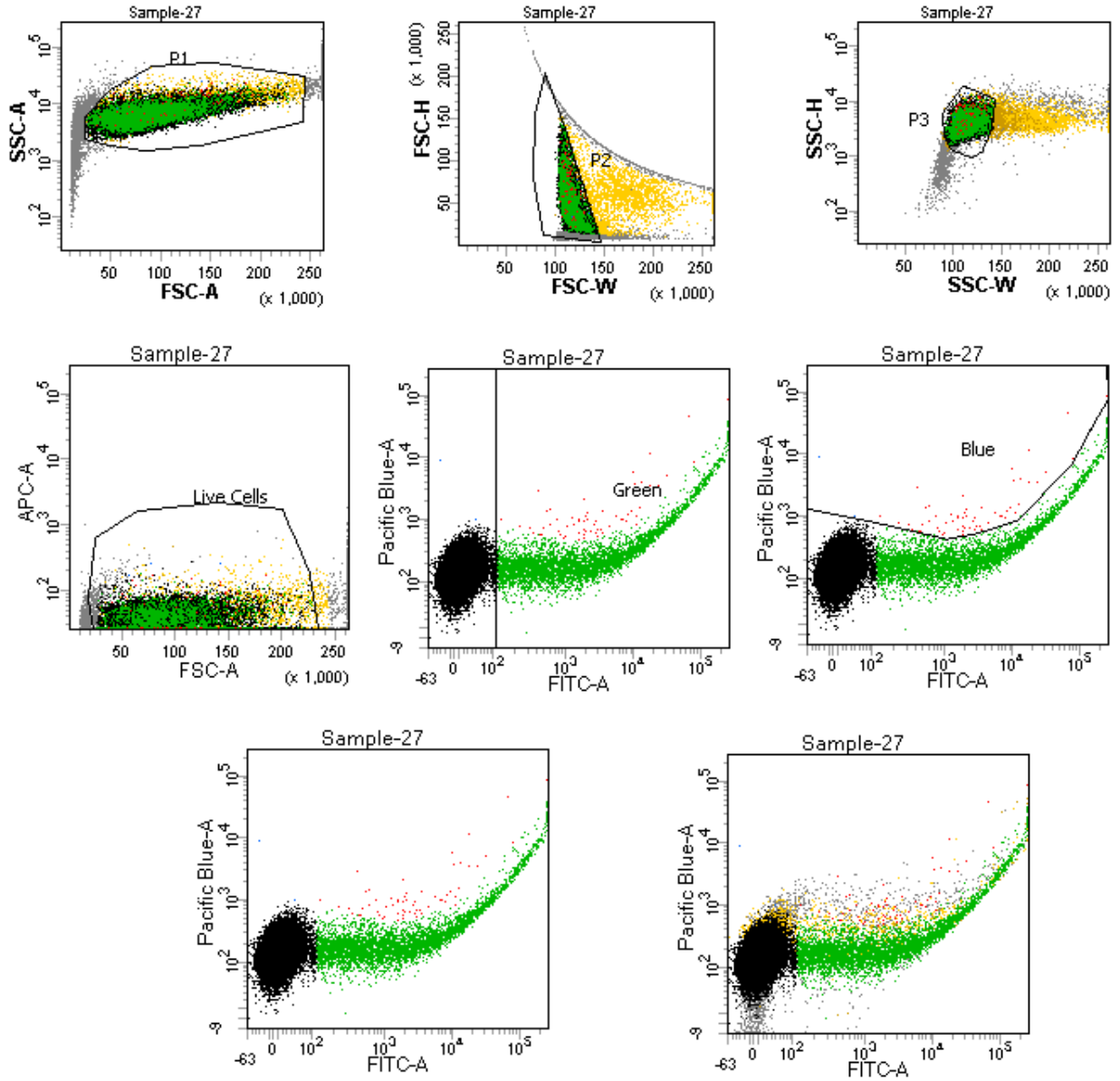
Tube: 26

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 26,490  | ####    | 100.0  |
| P1         | 24,703  | 93.3    | 93.3   |
| P2         | 22,516  | 91.1    | 85.0   |
| P3         | 21,271  | 94.5    | 80.3   |
| Live Cells | 21,244  | 99.9    | 80.2   |
| Blue       | 98      | 0.5     | 0.4    |
| Green      | 1,191   | 5.6     | 4.5    |
| Both       | 93      | 0.4     | 0.4    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 26  
 Record Date: Apr 2, 2015 4:19:38 PM  
 SOP: IsaacChaim  
 GUID: 47574f1c-0d2a-42a1-ba7c-487e...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 21,244  | 99.9    | 683         | 8             | 173             | 89                |
| Blue       | 98      | 0.5     | 24,343      | 11,238        | 8,975           | 2,505             |
| Green      | 1,191   | 5.6     | 12,082      | 1,839         | 1,462           | 160               |
| Both       | 93      | 0.4     | 25,648      | 11,928        | 9,330           | 2,535             |

# BD FACSDiva 8.0



Tube: 27

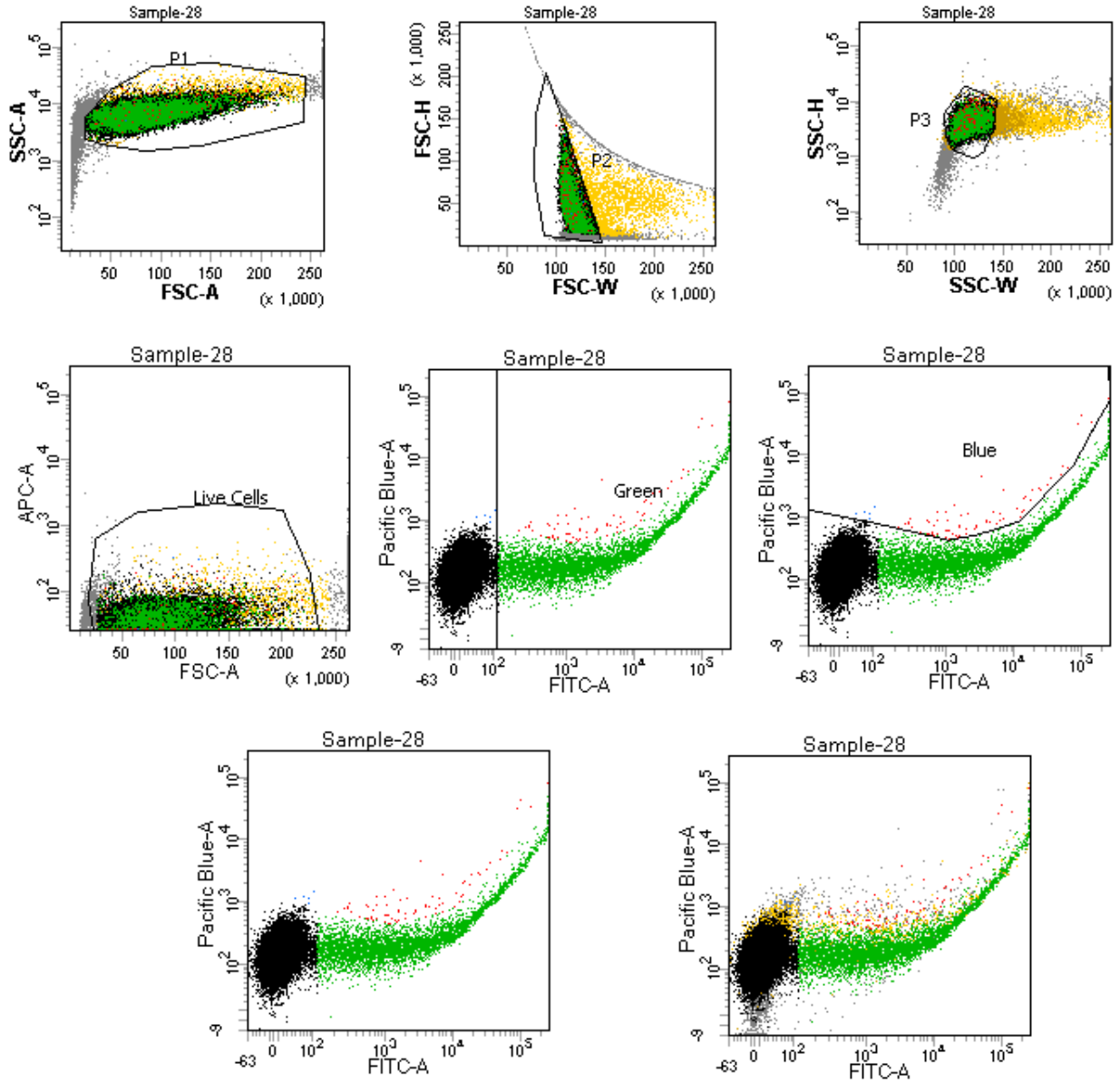
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 48,055  | ####    | 100.0  |
| P1         | 43,193  | 93.8    | 93.8   |
| P2         | 40,968  | 94.8    | 89.0   |
| P3         | 40,421  | 98.7    | 87.8   |
| Live Cells | 40,409  | 100.0   | 87.7   |
| Blue       | 66      | 0.2     | 0.1    |
| Green      | 4,374   | 10.8    | 9.5    |
| Both       | 63      | 0.2     | 0.1    |

|                  |                                  |  |  |  |  |  |
|------------------|----------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402              |  |  |  |  |  |
| Plate Name:      |                                  |  |  |  |  |  |
| Specimen Name:   | Sample                           |  |  |  |  |  |
| Tube Name:       | 27                               |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 4:21:40 PM           |  |  |  |  |  |
| SOP:             | IsaacChaim                       |  |  |  |  |  |
| GUID:            | 825f51b5-1f0e-42da-8590-018e4... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 40,409  | 100.0   | 1,242       | 14            | 209             | 146               |
| Blue       | 66      | 0.2     | 14,251      | 1,922         | 5,007           | 941               |
| Green      | 4,374   | 10.8    | 11,376      | 1,323         | 656             | 199               |
| Both       | 63      | 0.2     | 14,929      | 1,978         | 5,073           | 925               |

# BD FACSDiva 8.0



Tube: 28

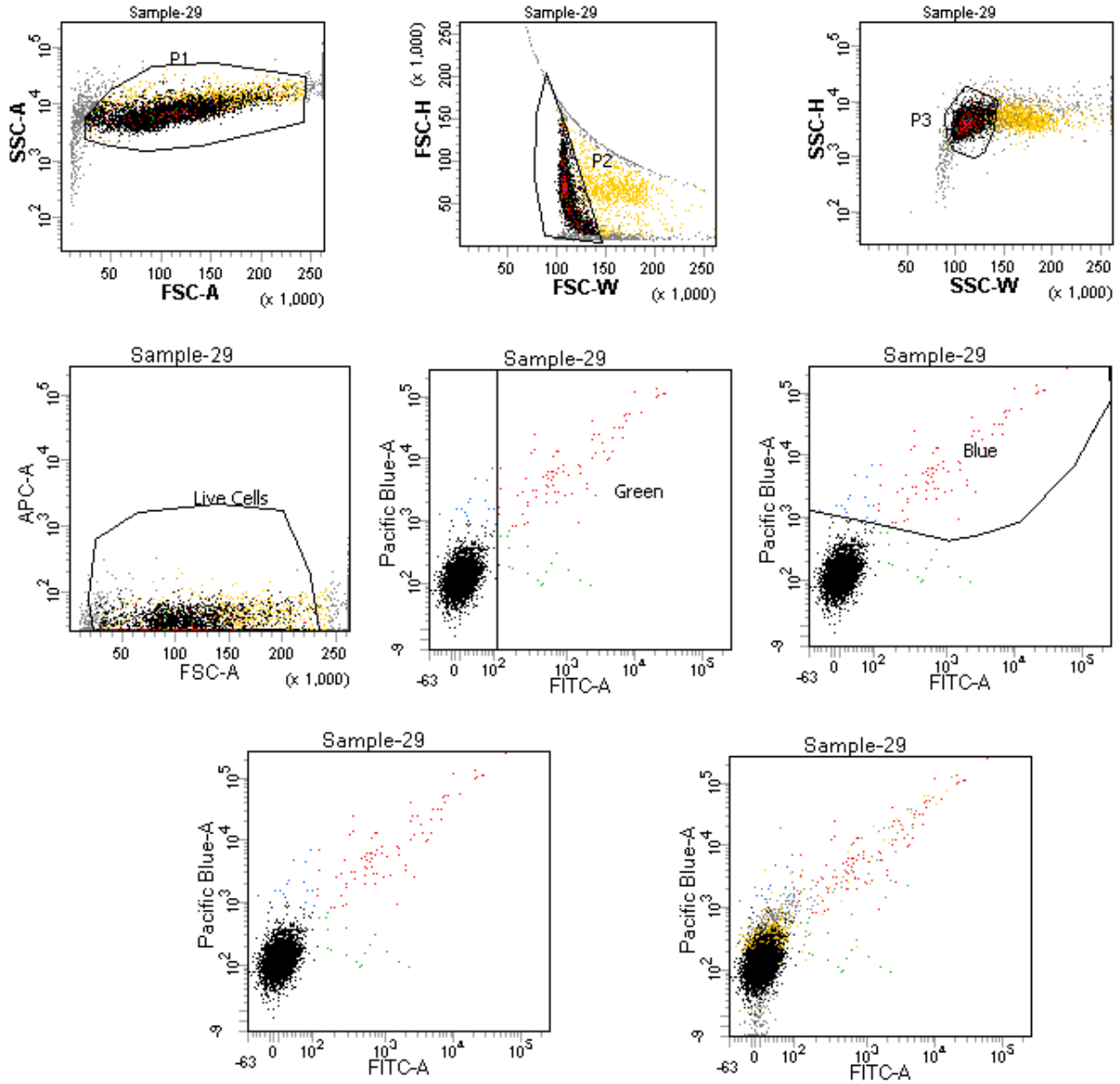
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 45,944  | ####    | 100.0  |
| P1         | 43,204  | 94.0    | 94.0   |
| P2         | 41,078  | 95.1    | 89.4   |
| P3         | 40,343  | 98.2    | 87.8   |
| Live Cells | 40,333  | 100.0   | 87.8   |
| Blue       | 81      | 0.2     | 0.2    |
| Green      | 4,284   | 10.6    | 9.3    |
| Both       | 76      | 0.2     | 0.2    |

|                  |                                  |
|------------------|----------------------------------|
| Experiment Name: | 20-109 Lab 20150402              |
| Plate Name:      |                                  |
| Specimen Name:   | Sample                           |
| Tube Name:       | 28                               |
| Record Date:     | Apr 2, 2015 4:23:03 PM           |
| SOP:             | IsaacChaim                       |
| GUID:            | 6ec9f914-0e39-4bad-aa5d-f9de1... |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 40,333  | 100.0   | 1,240       | 14            | 211             | 151               |
| Blue       | 81      | 0.2     | 14,003      | 1,879         | 3,613           | 841               |
| Green      | 4,284   | 10.6    | 11,574      | 1,358         | 844             | 208               |
| Both       | 76      | 0.2     | 14,919      | 2,291         | 3,775           | 823               |

BD FACSDiva 8.0

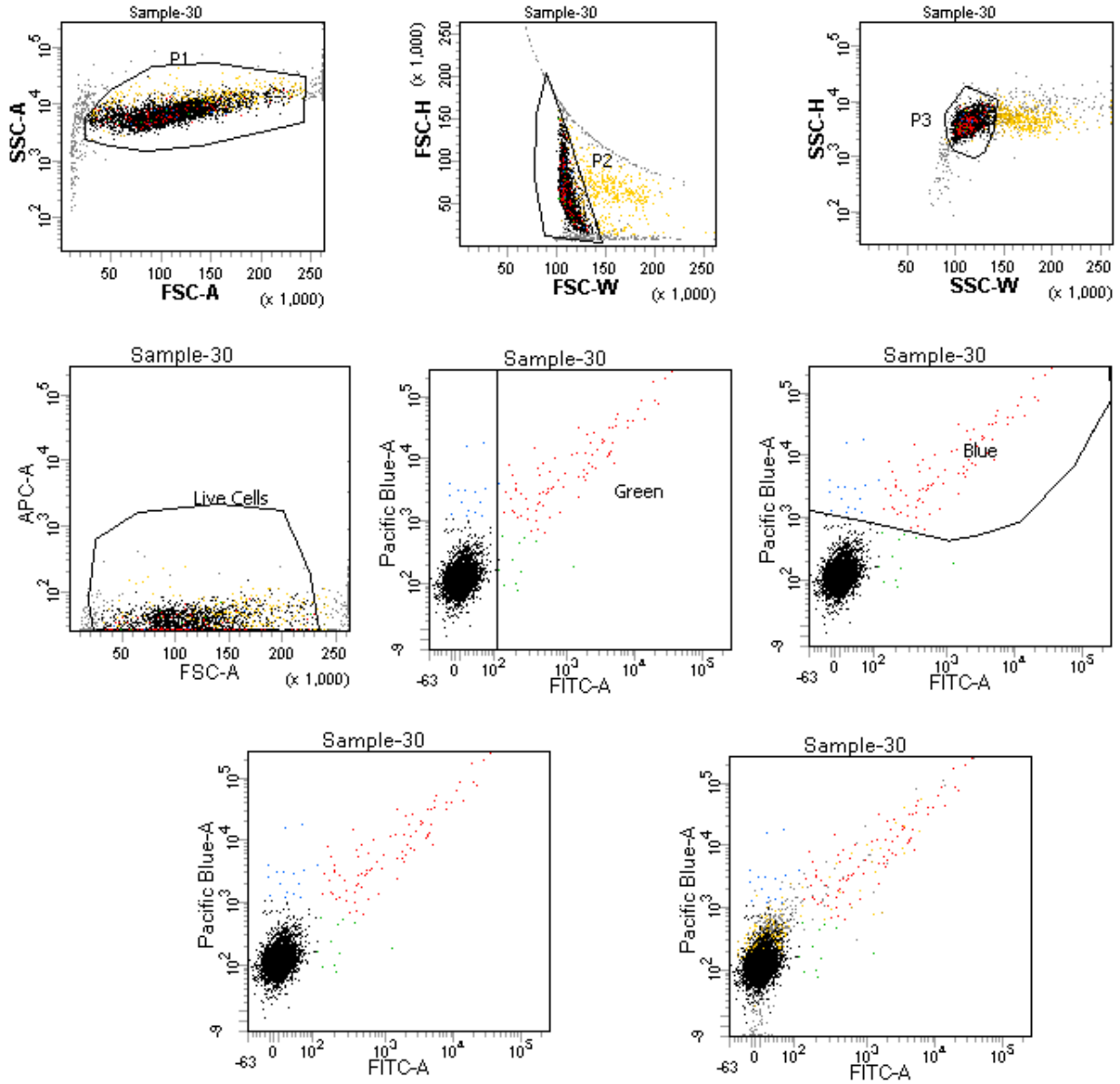


Tube: 29

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 6,843   | ####    | 100.0  |
| P1         | 5,787   | 87.1    | 87.1   |
| P2         | 4,959   | 85.7    | 74.7   |
| P3         | 4,777   | 96.3    | 71.9   |
| Live Cells | 4,763   | 99.7    | 71.7   |
| Blue       | 97      | 2.0     | 1.5    |
| Green      | 99      | 2.1     | 1.5    |
| Both       | 82      | 1.7     | 1.2    |

|                  |                                 |      |        |        |           |           |
|------------------|---------------------------------|------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402             |      |        |        |           |           |
| Plate Name:      |                                 |      |        |        |           |           |
| Specimen Name:   | Sample                          |      |        |        |           |           |
| Tube Name:       | 29                              |      |        |        |           |           |
| Record Date:     | Apr 2, 2015 4:25:52 PM          |      |        |        |           |           |
| SOP:             | IsaacChaim                      |      |        |        |           |           |
| GUID:            | 44140d13-89b1-4b1a-ad0b-1b69... |      |        |        |           |           |
|                  |                                 |      | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                 |      | Mean   | Median | Mean      | Median    |
| Live Cells       | 4,763                           | 99.7 | 79     | 8      | 524       | 122       |
| Blue             | 97                              | 2.0  | 3,414  | 628    | 19,295    | 5,362     |
| Green            | 99                              | 2.1  | 3,431  | 683    | 18,606    | 5,068     |
| Both             | 82                              | 1.7  | 4,030  | 806    | 22,410    | 6,323     |

# BD FACSDiva 8.0



Tube: 30

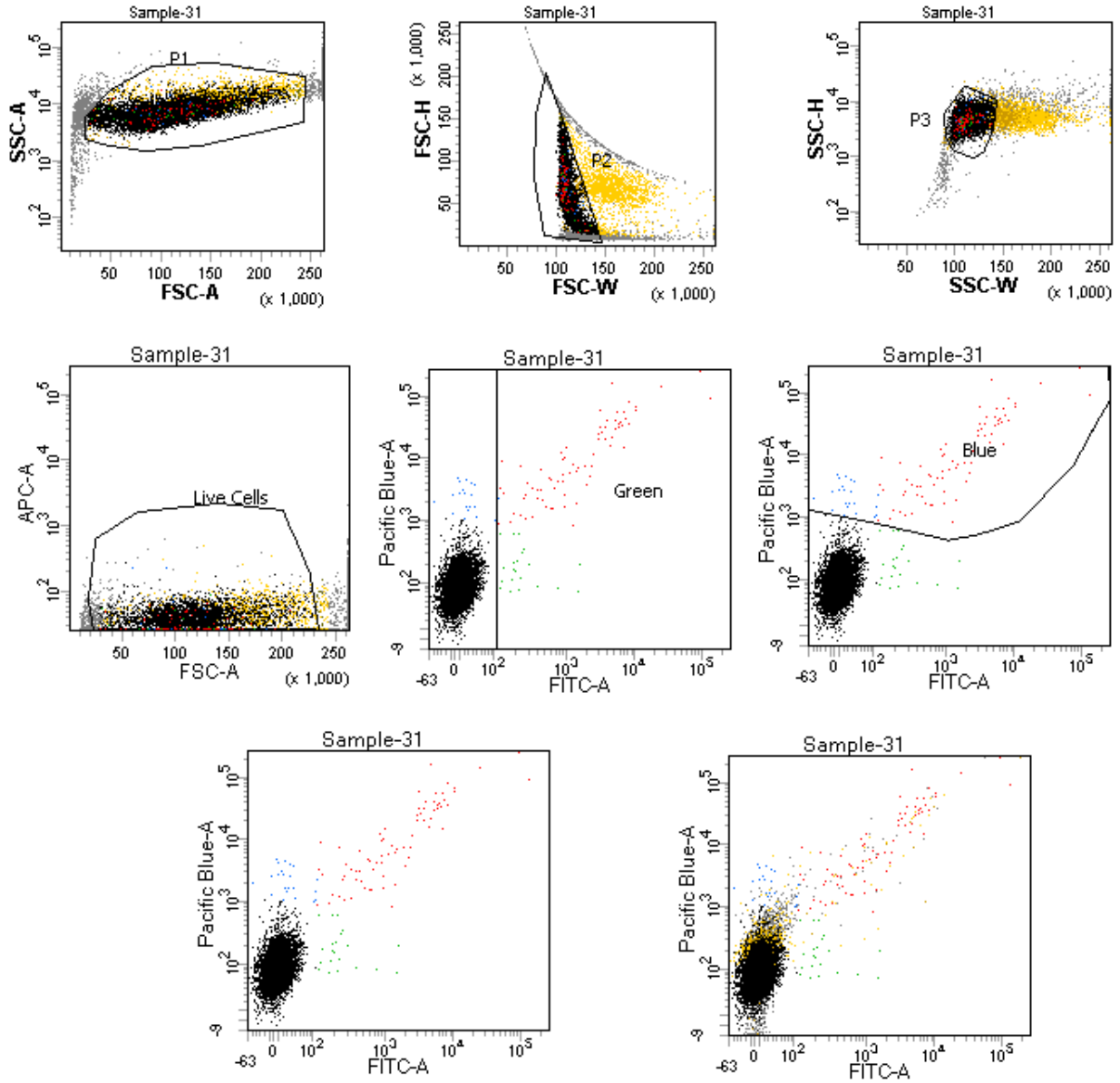
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 4,528   | ####    | 100.0  |
| P1         | 4,108   | 90.7    | 90.7   |
| P2         | 3,737   | 91.0    | 82.5   |
| P3         | 3,618   | 96.8    | 79.9   |
| Live Cells | 3,613   | 99.9    | 79.8   |
| Blue       | 101     | 2.8     | 2.2    |
| Green      | 96      | 2.7     | 2.1    |
| Both       | 85      | 2.4     | 1.9    |

|                  |                                 |  |  |  |  |  |
|------------------|---------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402             |  |  |  |  |  |
| Plate Name:      |                                 |  |  |  |  |  |
| Specimen Name:   | Sample                          |  |  |  |  |  |
| Tube Name:       | 30                              |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 4:27:36 PM          |  |  |  |  |  |
| SOP:             | IsaacChaim                      |  |  |  |  |  |
| GUID:            | 15a7bb3e-8a42-49d7-a5e2-a7cb... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A | FITC-A | Pacifi... | Pacifi... |
|------------|---------|---------|--------|--------|-----------|-----------|
|            |         |         | Mean   | Median | Mean      | Median    |
| Live Cells | 3,613   | 99.9    | 91     | 9      | 650       | 119       |
| Blue       | 101     | 2.8     | 2,948  | 551    | 18,600    | 5,234     |
| Green      | 96      | 2.7     | 3,129  | 701    | 18,902    | 5,265     |
| Both       | 85      | 2.4     | 3,497  | 1,147  | 21,313    | 6,612     |

# BD FACSDiva 8.0



Tube: 31

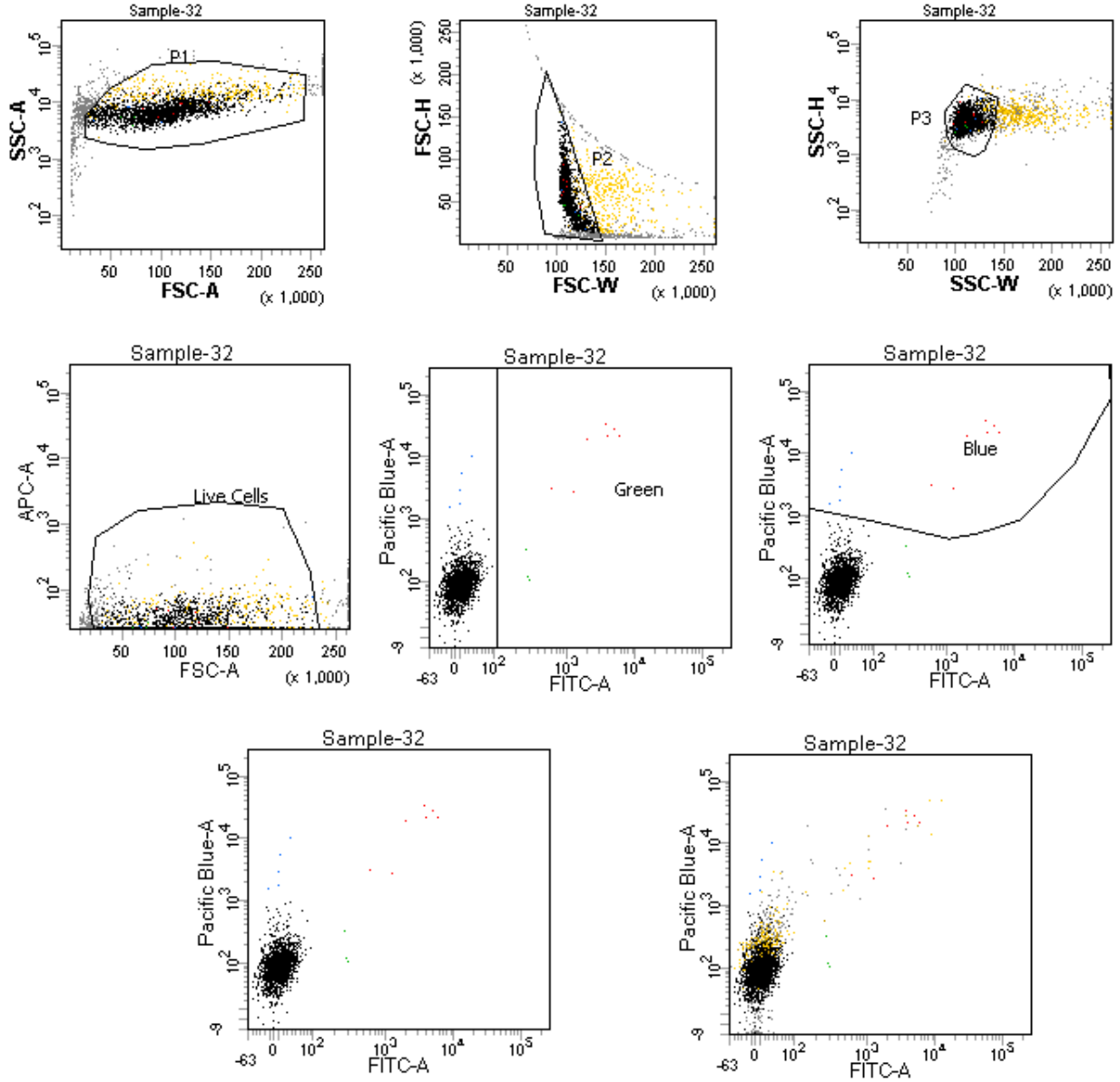
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,854  | ####    | 100.0  |
| P1         | 10,381  | 87.6    | 87.6   |
| P2         | 8,891   | 85.6    | 75.0   |
| P3         | 8,598   | 96.7    | 72.5   |
| Live Cells | 8,578   | 99.8    | 72.3   |
| Blue       | 97      | 1.1     | 0.8    |
| Green      | 96      | 1.1     | 0.8    |
| Both       | 75      | 0.9     | 0.6    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 31  
 Record Date: Apr 2, 2015 4:30:41 PM  
 SOP: IsaacChaim  
 GUID: dde47b8e-3290-4408-a8a8-cf51...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 8,578   | 99.8    | 58          | 5             | 319             | 89                |
| Blue       | 97      | 1.1     | 4,485       | 716           | 19,415          | 4,584             |
| Green      | 96      | 1.1     | 4,599       | 861           | 19,120          | 4,248             |
| Both       | 75      | 0.9     | 5,791       | 1,242         | 24,414          | 7,358             |



BD FACSDiva 8.0



Tube: 32

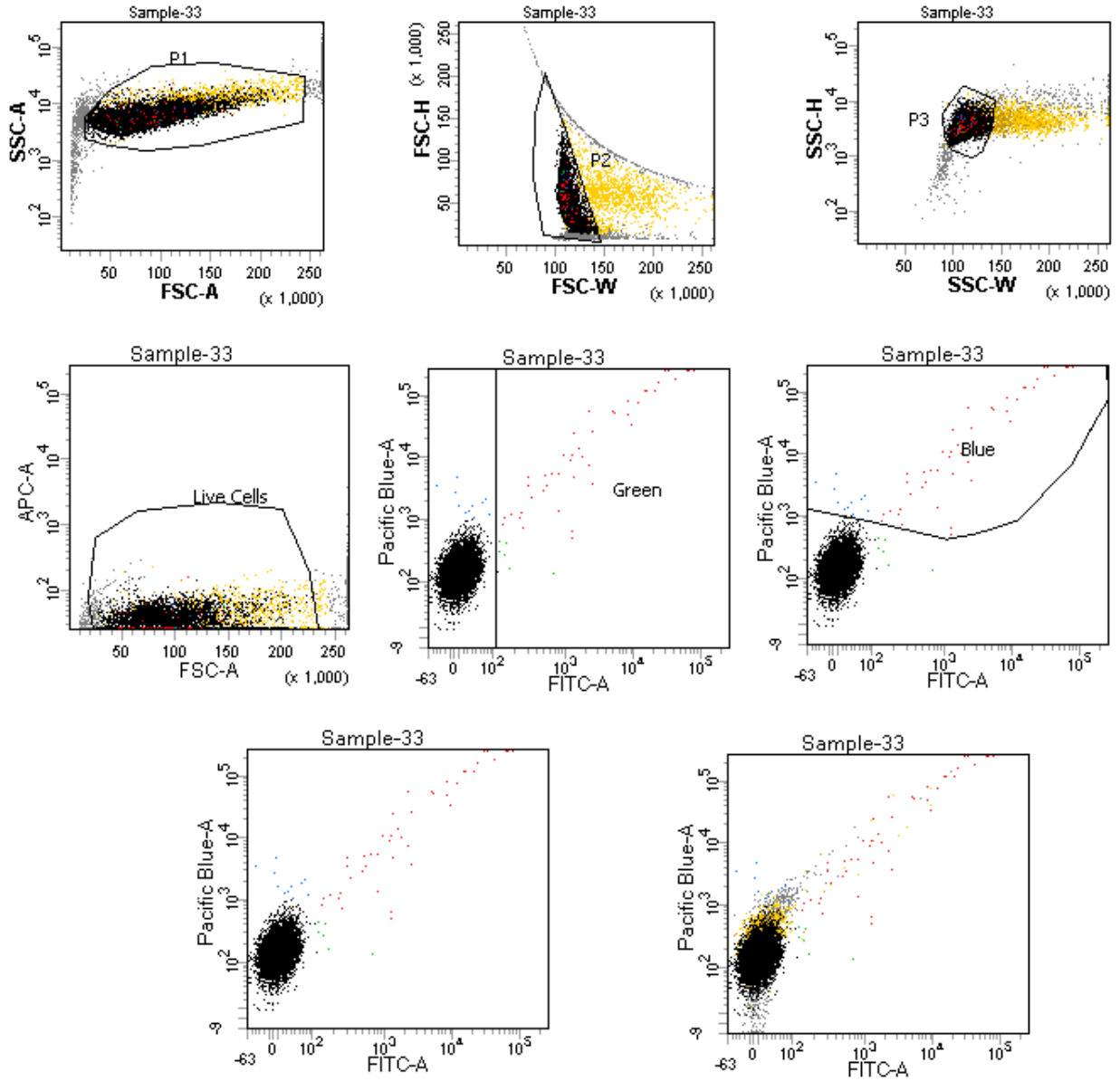
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 2,976   | ####    | 100.0  |
| P1         | 2,437   | 81.9    | 81.9   |
| P2         | 2,077   | 85.2    | 69.8   |
| P3         | 1,985   | 95.6    | 66.7   |
| Live Cells | 1,982   | 99.8    | 66.6   |
| Blue       | 12      | 0.6     | 0.4    |
| Green      | 10      | 0.5     | 0.3    |
| Both       | 7       | 0.4     | 0.2    |

|                  |                                 |
|------------------|---------------------------------|
| Experiment Name: | 20-109 Lab 20150402             |
| Plate Name:      |                                 |
| Specimen Name:   | Sample                          |
| Tube Name:       | 32                              |
| Record Date:     | Apr 2, 2015 4:32:34 PM          |
| SOP:             | IsaacChaim                      |
| GUID:            | 29877615-540f-4bd4-92b8-17db... |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 1,982   | 99.8    | 16          | 5             | 176             | 89                |
| Blue       | 12      | 0.6     | 1,826       | 908           | 12,584          | 7,788             |
| Green      | 10      | 0.5     | 2,270       | 1,578         | 12,982          | 11,068            |
| Both       | 7       | 0.4     | 3,125       | 3,706         | 18,470          | 21,333            |

# BD FACSDiva 8.0



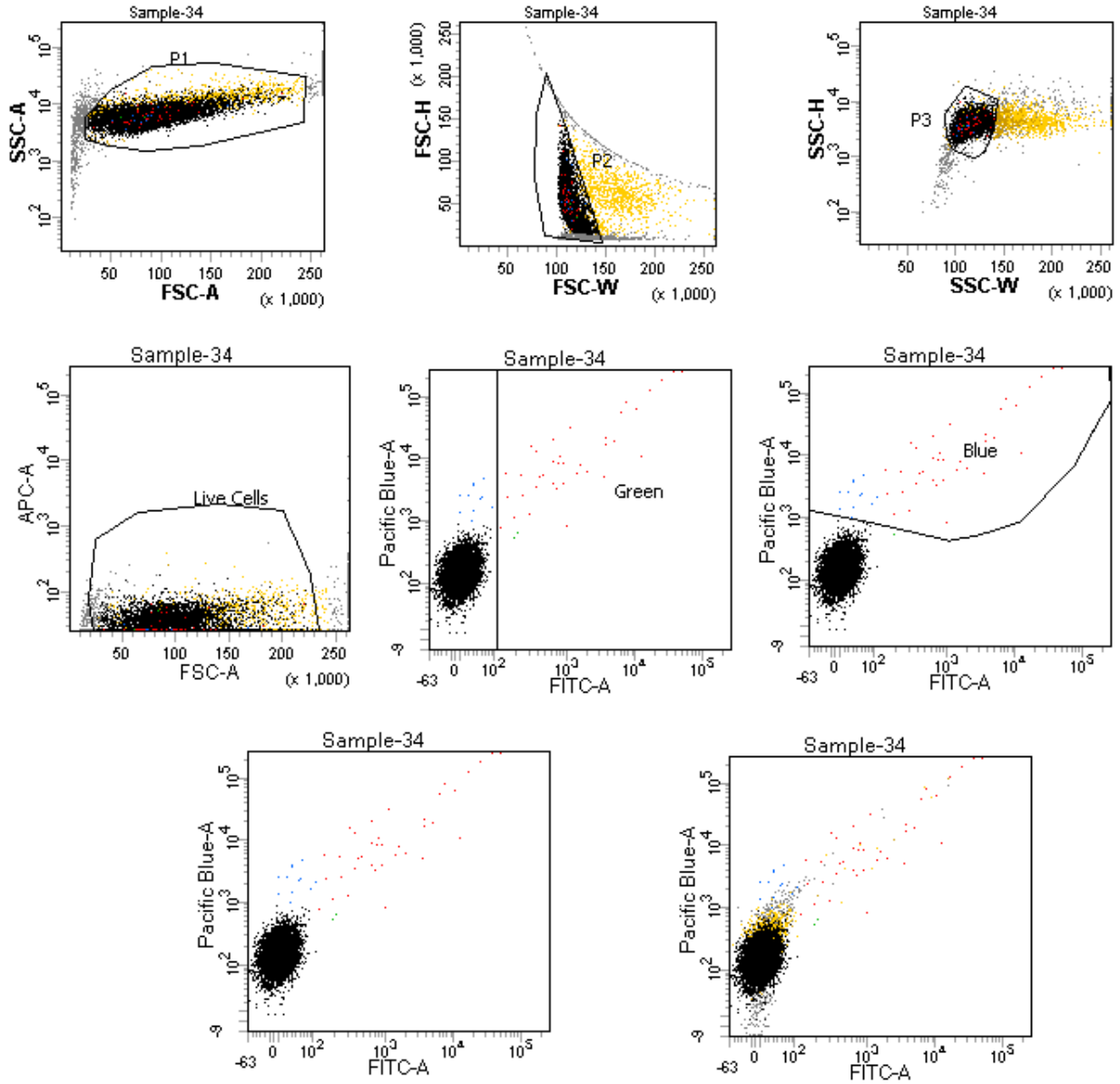
Tube: 33

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,450  | ####    | 100.0  |
| P1         | 11,428  | 91.8    | 91.8   |
| P2         | 10,253  | 89.7    | 82.4   |
| P3         | 10,003  | 97.6    | 80.3   |
| Live Cells | 10,000  | 100.0   | 80.3   |
| Blue       | 56      | 0.6     | 0.4    |
| Green      | 51      | 0.5     | 0.4    |
| Both       | 45      | 0.4     | 0.4    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 33  
 Record Date: Apr 2, 2015 4:33:18 PM  
 SOP: IsaacChaim  
 GUID: 221a9c88-8ae9-4223-9f53-7f9fc...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 100.0   | 55          | 8             | 422             | 145               |
| Blue       | 56      | 0.6     | 8,352       | 1,154         | 47,305          | 5,185             |
| Green      | 51      | 0.5     | 9,191       | 1,233         | 51,524          | 7,459             |
| Both       | 45      | 0.5     | 10,388      | 1,494         | 58,356          | 10,751            |

# BD FACSDiva 8.0



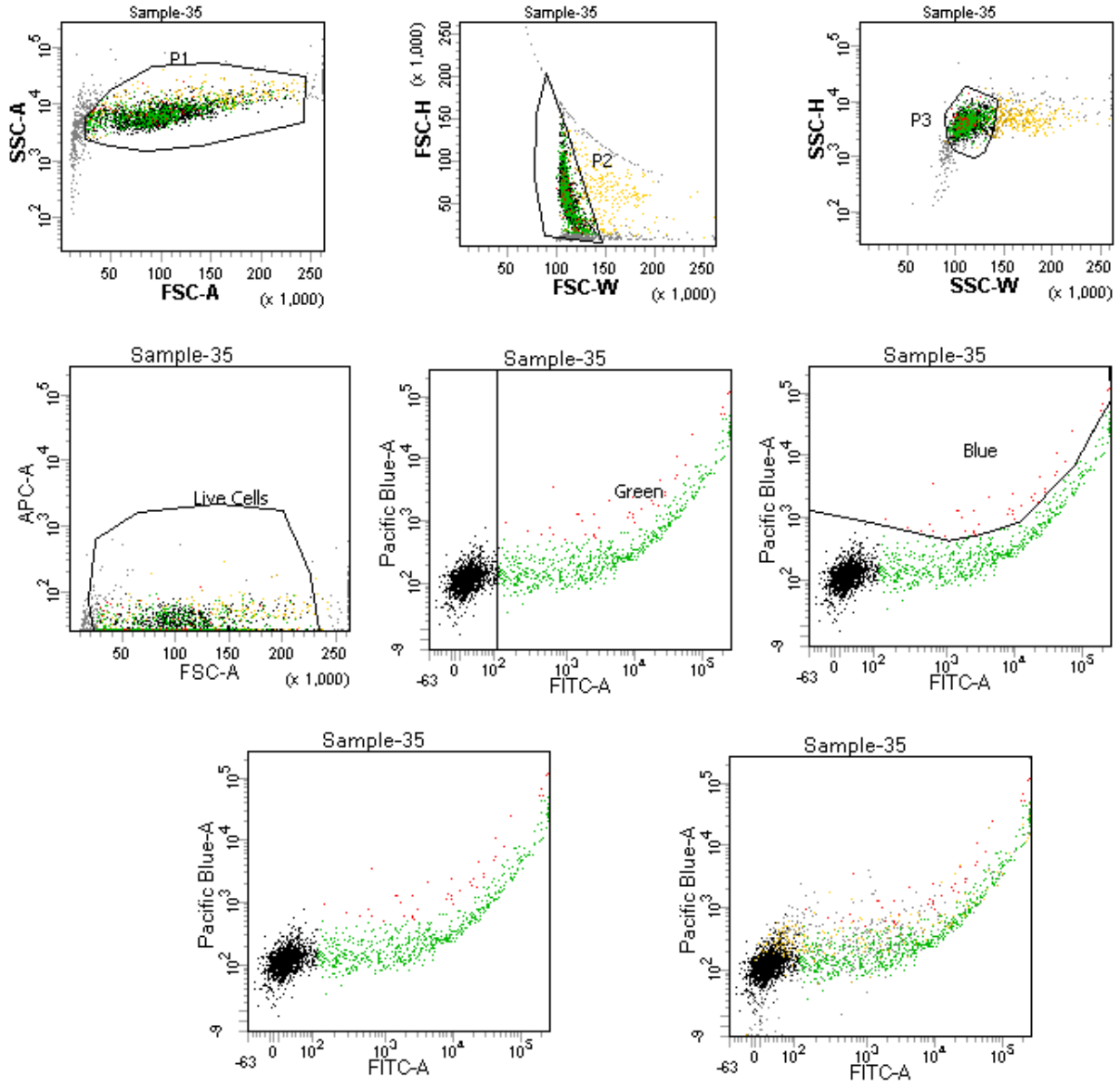
Tube: 34

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 12,048  | ####    | 100.0  |
| P1         | 11,200  | 93.0    | 93.0   |
| P2         | 10,259  | 91.6    | 85.2   |
| P3         | 10,000  | 97.5    | 83.0   |
| Live Cells | 10,000  | 100.0   | 83.0   |
| Blue       | 49      | 0.5     | 0.4    |
| Green      | 39      | 0.4     | 0.3    |
| Both       | 37      | 0.4     | 0.3    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 34  
 Record Date: Apr 2, 2015 4:34:39 PM  
 SOP: IsaacChaim  
 GUID: a474bef5-bb1e-4219-8804-c818...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 100.0   | 27          | 7             | 291             | 145               |
| Blue       | 49      | 0.5     | 4,043       | 625           | 27,391          | 5,577             |
| Green      | 39      | 0.4     | 5,075       | 779           | 33,688          | 7,693             |
| Both       | 37      | 0.4     | 5,339       | 850           | 35,478          | 8,536             |

BD FACSDiva 8.0



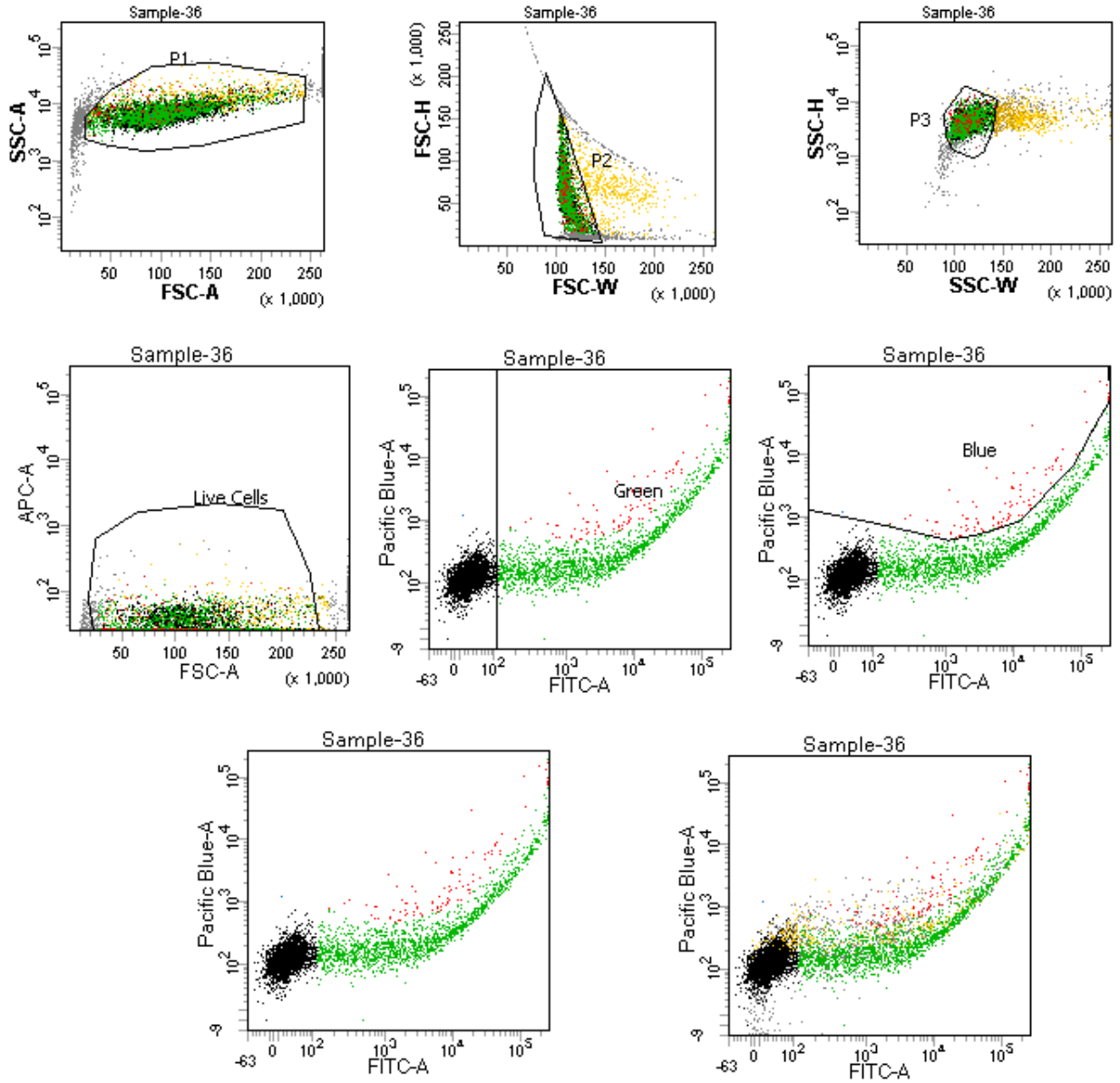
Tube: 35

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 2,842   | ####    | 100.0  |
| P1         | 2,390   | 84.1    | 84.1   |
| P2         | 2,181   | 91.3    | 76.7   |
| P3         | 2,091   | 95.9    | 73.6   |
| Live Cells | 2,088   | 99.9    | 73.5   |
| Blue       | 41      | 2.0     | 1.4    |
| Green      | 635     | 30.4    | 22.3   |
| Both       | 41      | 2.0     | 1.4    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 35  
 Record Date: Apr 2, 2015 4:35:34 PM  
 SOP: IsaacChaim  
 GUID: e4fe14ba-e97f-4a50-9bd7-8a674...

| Population | #Events | %Parent | FITC-A | FITC-A | Pacifi... | Pacifi... |
|------------|---------|---------|--------|--------|-----------|-----------|
|            |         |         | Mean   | Median | Mean      | Median    |
| Live Cells | 2,088   | 99.9    | 6,765  | 37     | 774       | 129       |
| Blue       | 41      | 2.0     | 40,041 | 9,208  | 12,452    | 1,518     |
| Green      | 635     | 30.4    | 22,189 | 2,517  | 2,284     | 250       |
| Both       | 41      | 2.0     | 40,041 | 9,208  | 12,452    | 1,518     |

# BD FACSDiva 8.0



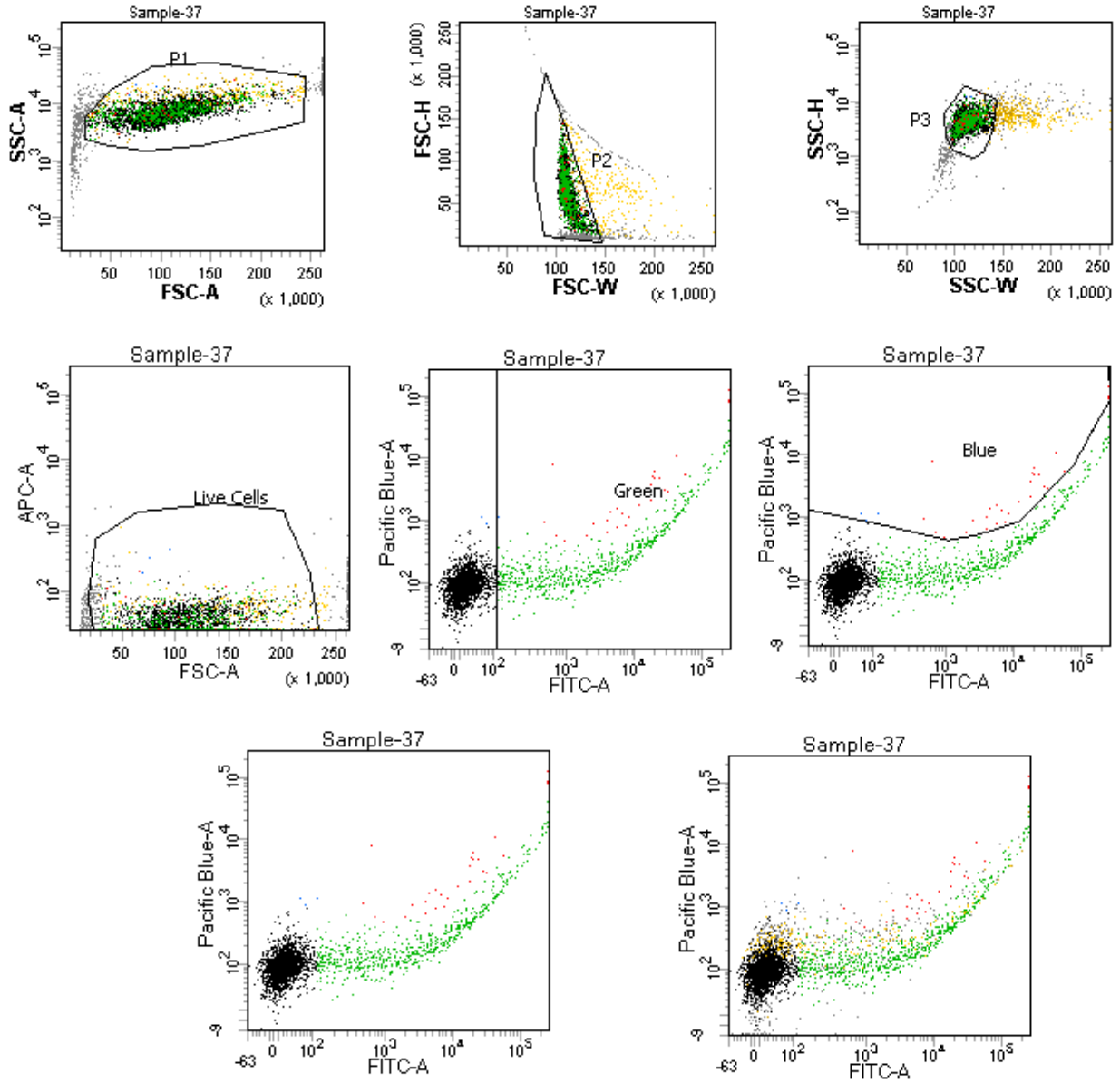
Tube: 36

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 6,321   | ####    | 100.0  |
| P1         | 5,550   | 87.8    | 87.8   |
| P2         | 5,059   | 91.2    | 80.0   |
| P3         | 4,879   | 96.4    | 77.2   |
| Live Cells | 4,864   | 99.7    | 76.9   |
| Blue       | 101     | 2.1     | 1.6    |
| Green      | 1,667   | 34.3    | 26.4   |
| Both       | 100     | 2.1     | 1.6    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 36  
 Record Date: Apr 2, 2015 4:36:40 PM  
 SOP: IsaacChaim  
 GUID: 10b7b801-5d87-4235-b469-081c...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 4,864   | 99.7    | 7,019       | 42            | 770             | 137               |
| Blue       | 101     | 2.1     | 33,114      | 7,996         | 12,747          | 1,426             |
| Green      | 1,667   | 34.3    | 20,431      | 2,517         | 1,999           | 237               |
| Both       | 100     | 2.1     | 33,445      | 8,144         | 12,862          | 1,449             |

BD FACSDiva 8.0



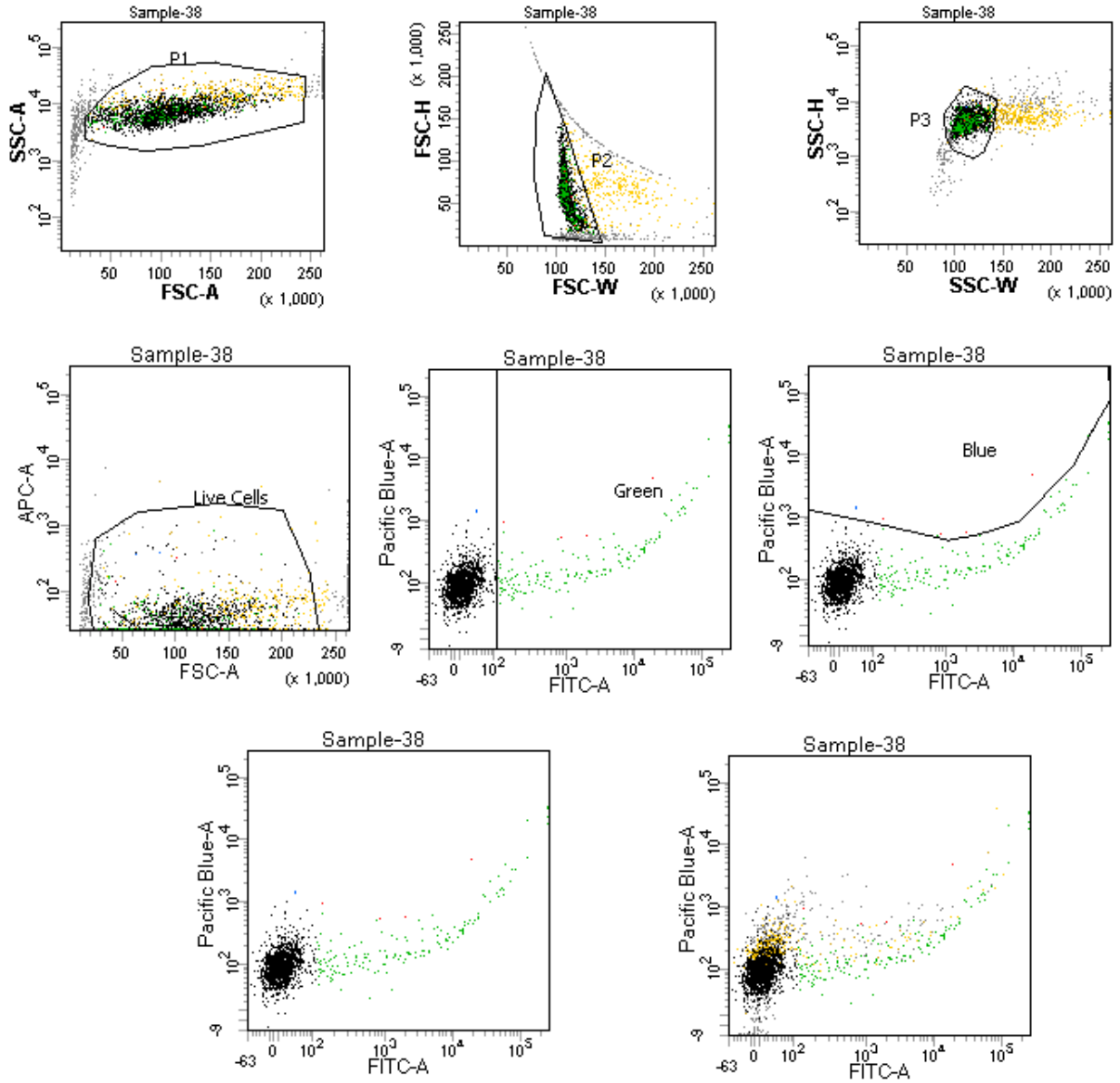
Tube: 37

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 3,877   | ####    | 100.0  |
| P1         | 3,369   | 86.9    | 86.9   |
| P2         | 3,135   | 93.1    | 80.9   |
| P3         | 3,014   | 96.1    | 77.7   |
| Live Cells | 3,011   | 99.9    | 77.7   |
| Blue       | 32      | 1.1     | 0.8    |
| Green      | 645     | 21.4    | 16.6   |
| Both       | 29      | 1.0     | 0.7    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 37  
 Record Date: Apr 2, 2015 4:37:57 PM  
 SOP: IsaacChaim  
 GUID: 06bd56b7-ca20-4d7c-90c0-dffb1...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 3,011   | 99.9    | 3,859       | 24            | 439             | 99                |
| Blue       | 32      | 1.1     | 43,265      | 7,748         | 15,733          | 1,600             |
| Green      | 645     | 21.4    | 17,949      | 2,491         | 1,887           | 174               |
| Both       | 29      | 1.0     | 47,733      | 11,835        | 17,255          | 2,085             |

# BD FACSDiva 8.0



Tube: 38

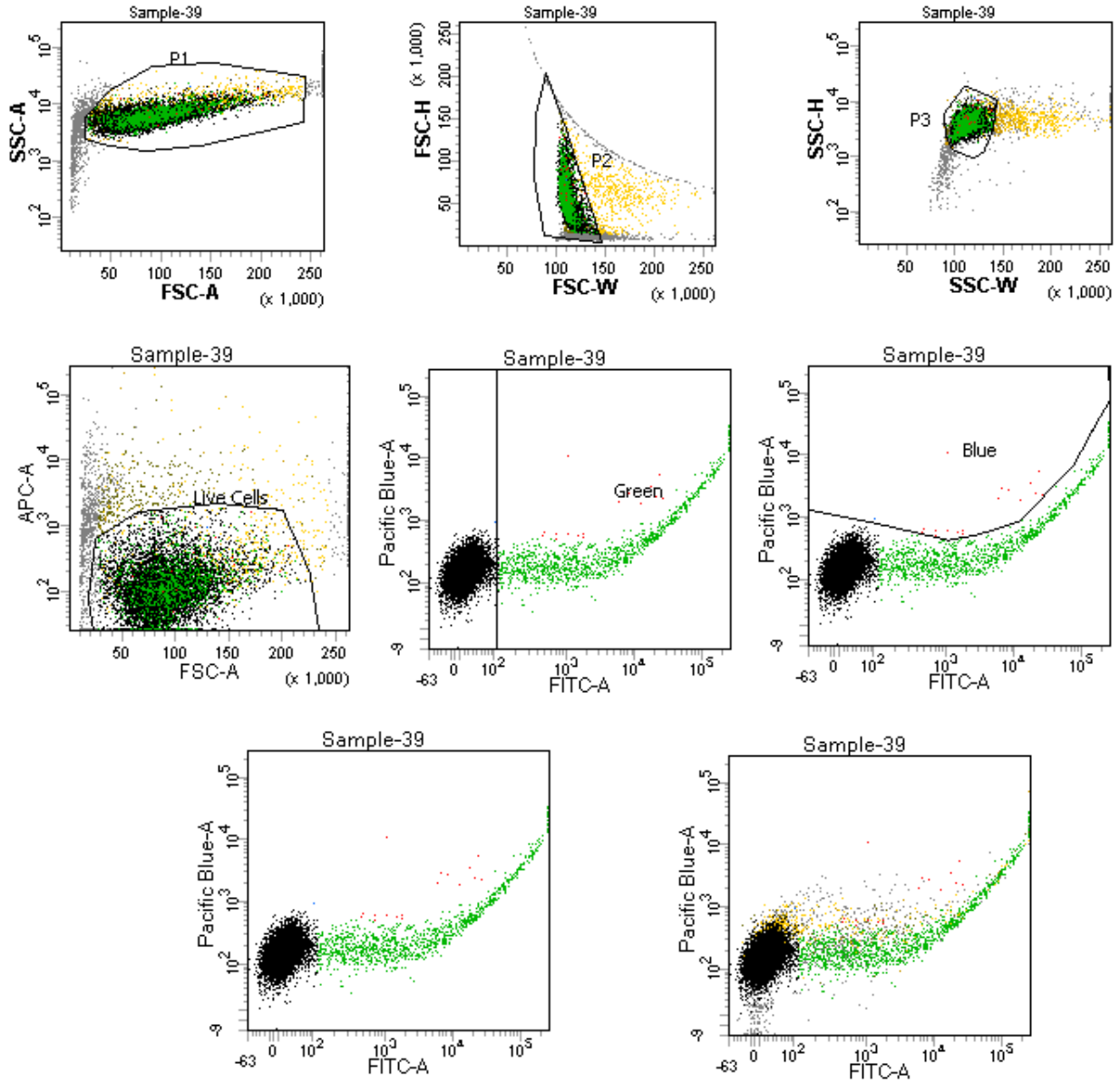
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 2,666   | ####    | 100.0  |
| P1         | 2,240   | 84.0    | 84.0   |
| P2         | 1,943   | 86.7    | 72.9   |
| P3         | 1,857   | 95.6    | 69.7   |
| Live Cells | 1,855   | 99.9    | 69.6   |
| Blue       | 6       | 0.3     | 0.2    |
| Green      | 163     | 8.8     | 6.1    |
| Both       | 4       | 0.2     | 0.2    |

|                  |                                  |  |  |  |  |  |
|------------------|----------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402              |  |  |  |  |  |
| Plate Name:      |                                  |  |  |  |  |  |
| Specimen Name:   | Sample                           |  |  |  |  |  |
| Tube Name:       | 38                               |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 4:38:54 PM           |  |  |  |  |  |
| SOP:             | IsaacChaim                       |  |  |  |  |  |
| GUID:            | d857f84a-73ee-4600-b4a2-dc78f... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 1,855   | 99.9    | 1,474       | 14            | 201             | 94                |
| Blue       | 6       | 0.3     | 3,636       | 479           | 1,598           | 1,117             |
| Green      | 163     | 8.8     | 16,651      | 1,356         | 1,216           | 162               |
| Both       | 4       | 0.2     | 5,432       | 1,358         | 1,717           | 741               |

# BD FACSDiva 8.0



Tube: 39

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,310  | ####    | 100.0  |
| P1         | 10,242  | 90.6    | 90.6   |
| P2         | 9,741   | 95.1    | 86.1   |
| P3         | 9,611   | 98.7    | 85.0   |
| Live Cells | 9,323   | 97.0    | 82.4   |
| Blue       | 18      | 0.2     | 0.2    |
| Green      | 1,103   | 11.8    | 9.8    |
| Both       | 17      | 0.2     | 0.2    |

Experiment Name: 20-109 Lab 20150402

Plate Name:

Specimen Name: Sample

Tube Name: 39

Record Date: Apr 2, 2015 4:39:47 PM

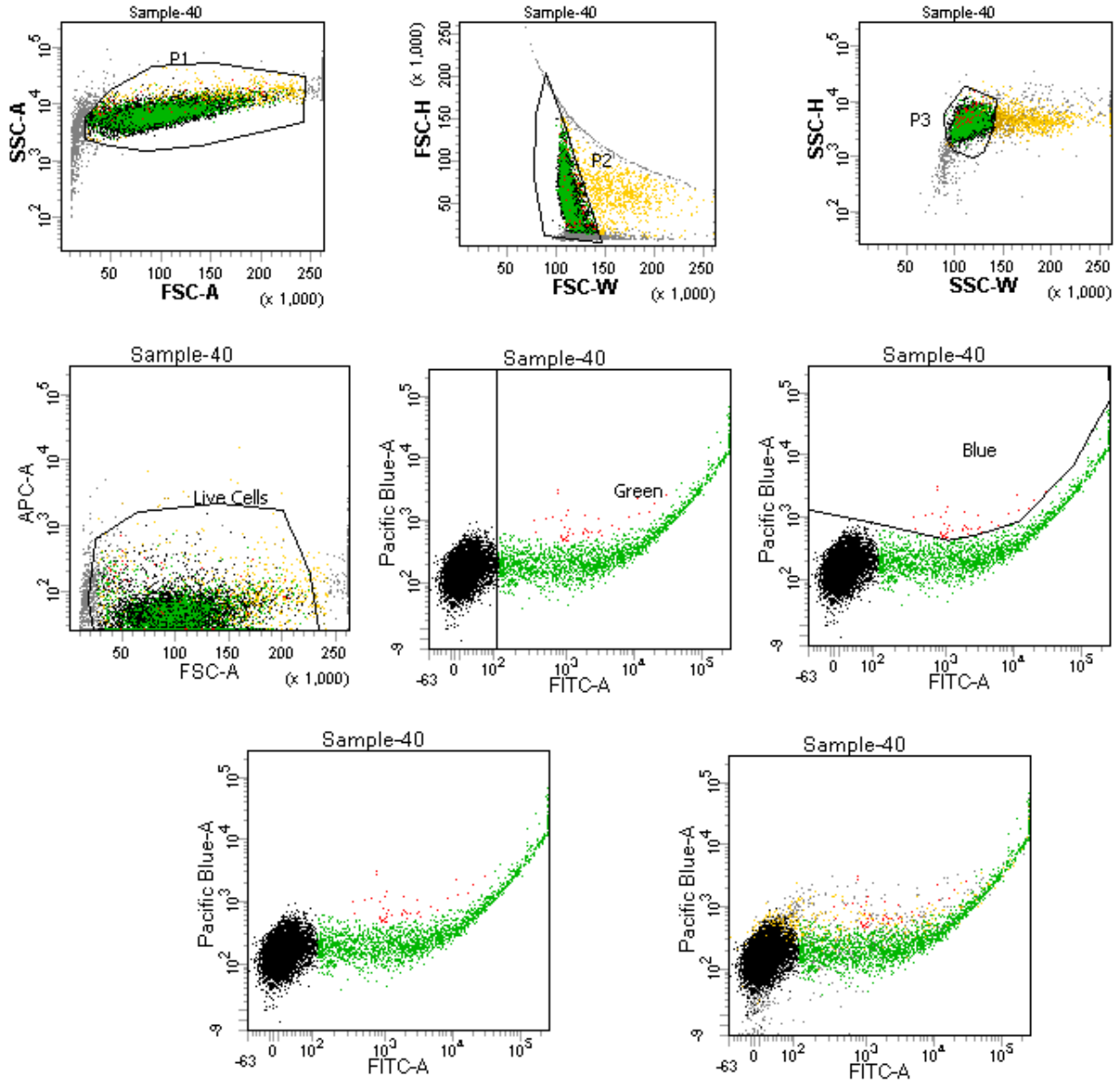
SOP: IsaacChaim

GUID: d3e7719d-aed9-438f-8603-f1e02...

| Population | #Events | %Parent | FITC-A | FITC-A | Pacific... | Pacific... |
|------------|---------|---------|--------|--------|------------|------------|
|            |         |         | Mean   | Median | Mean       | Median     |
| Live Cells | 9,323   | 97.0    | 2,409  | 19     | 268        | 154        |
| Blue       | 18      | 0.2     | 7,179  | 1,707  | 2,206      | 1,408      |
| Green      | 1,103   | 11.8    | 20,236 | 1,925  | 1,065      | 246        |
| Both       | 17      | 0.2     | 7,595  | 1,741  | 2,282      | 1,889      |



# BD FACSDiva 8.0



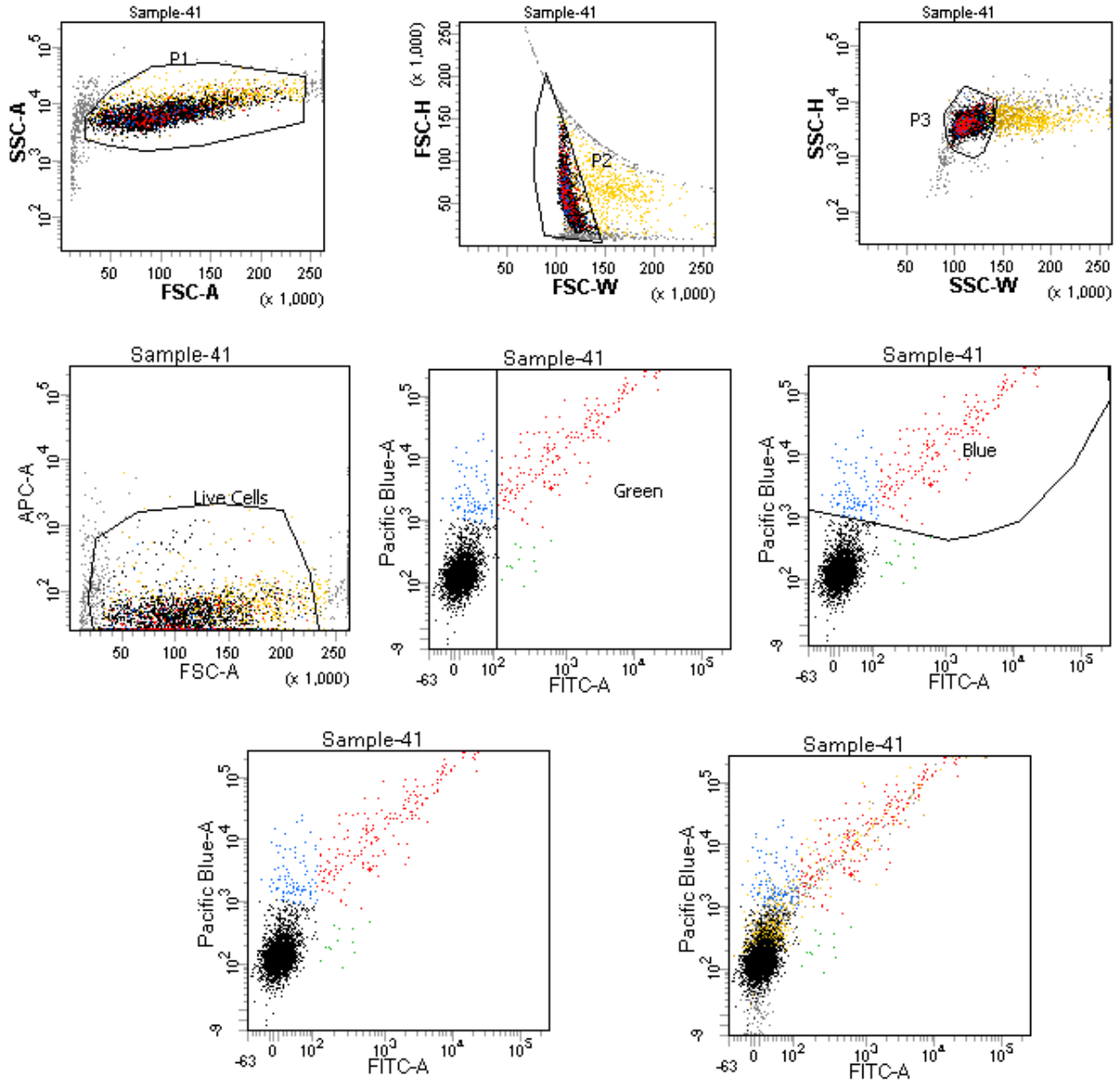
Tube: 40

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 14,850  | ####    | 100.0  |
| P1         | 13,821  | 93.1    | 93.1   |
| P2         | 13,038  | 94.3    | 87.8   |
| P3         | 12,815  | 98.3    | 86.3   |
| Live Cells | 12,803  | 99.9    | 86.2   |
| Blue       | 44      | 0.3     | 0.3    |
| Green      | 2,023   | 15.8    | 13.6   |
| Both       | 44      | 0.3     | 0.3    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 40  
 Record Date: Apr 2, 2015 4:40:40 PM  
 SOP: IsaacChaim  
 GUID: 488cc758-0b7a-406b-a9b2-3342...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 12,803  | 99.9    | 2,804       | 20            | 307             | 162               |
| Blue       | 44      | 0.3     | 3,512       | 1,056         | 944             | 675               |
| Green      | 2,023   | 15.8    | 17,654      | 1,872         | 1,059           | 248               |
| Both       | 44      | 0.3     | 3,512       | 1,056         | 944             | 675               |

# BD FACSDiva 8.0



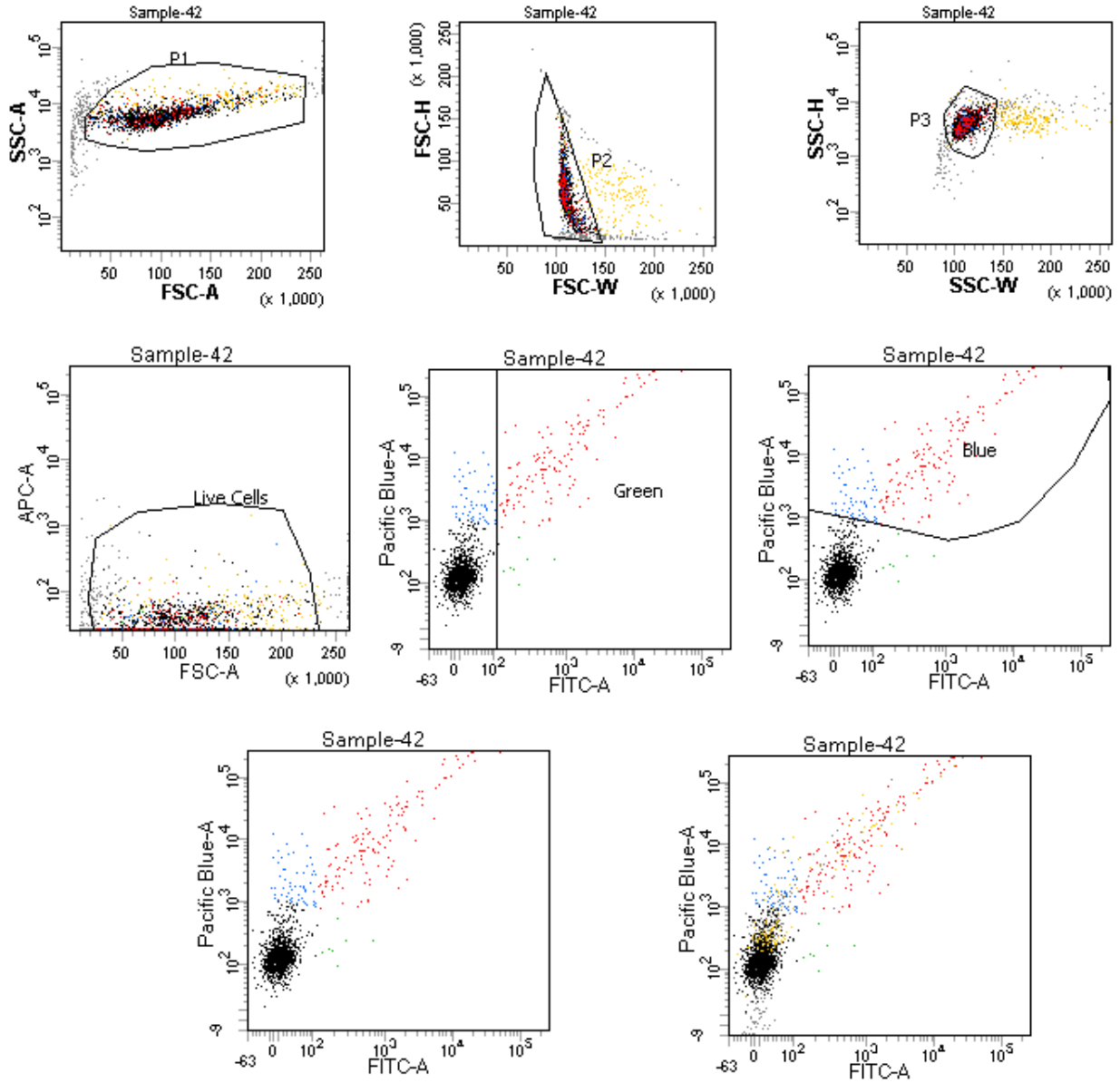
Tube: 41

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 4,272   | ####    | 100.0  |
| P1         | 3,888   | 86.3    | 86.3   |
| P2         | 3,196   | 86.7    | 74.8   |
| P3         | 3,020   | 94.5    | 70.7   |
| Live Cells | 3,013   | 99.8    | 70.5   |
| Blue       | 271     | 9.0     | 6.3    |
| Green      | 187     | 6.2     | 4.4    |
| Both       | 175     | 5.8     | 4.1    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 41  
 Record Date: Apr 2, 2015 4:41:35 PM  
 SOP: IsaacChaim  
 GUID: 918c91f9-683f-4a61-9a5b-b3a25...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 3,013   | 99.8    | 155         | 11            | 2,512           | 140               |
| Blue       | 271     | 9.0     | 1,617       | 261           | 26,292          | 5,892             |
| Green      | 187     | 6.2     | 2,338       | 632           | 36,233          | 11,256            |
| Both       | 175     | 5.8     | 2,481       | 713           | 38,701          | 14,522            |

# BD FACSDiva 8.0



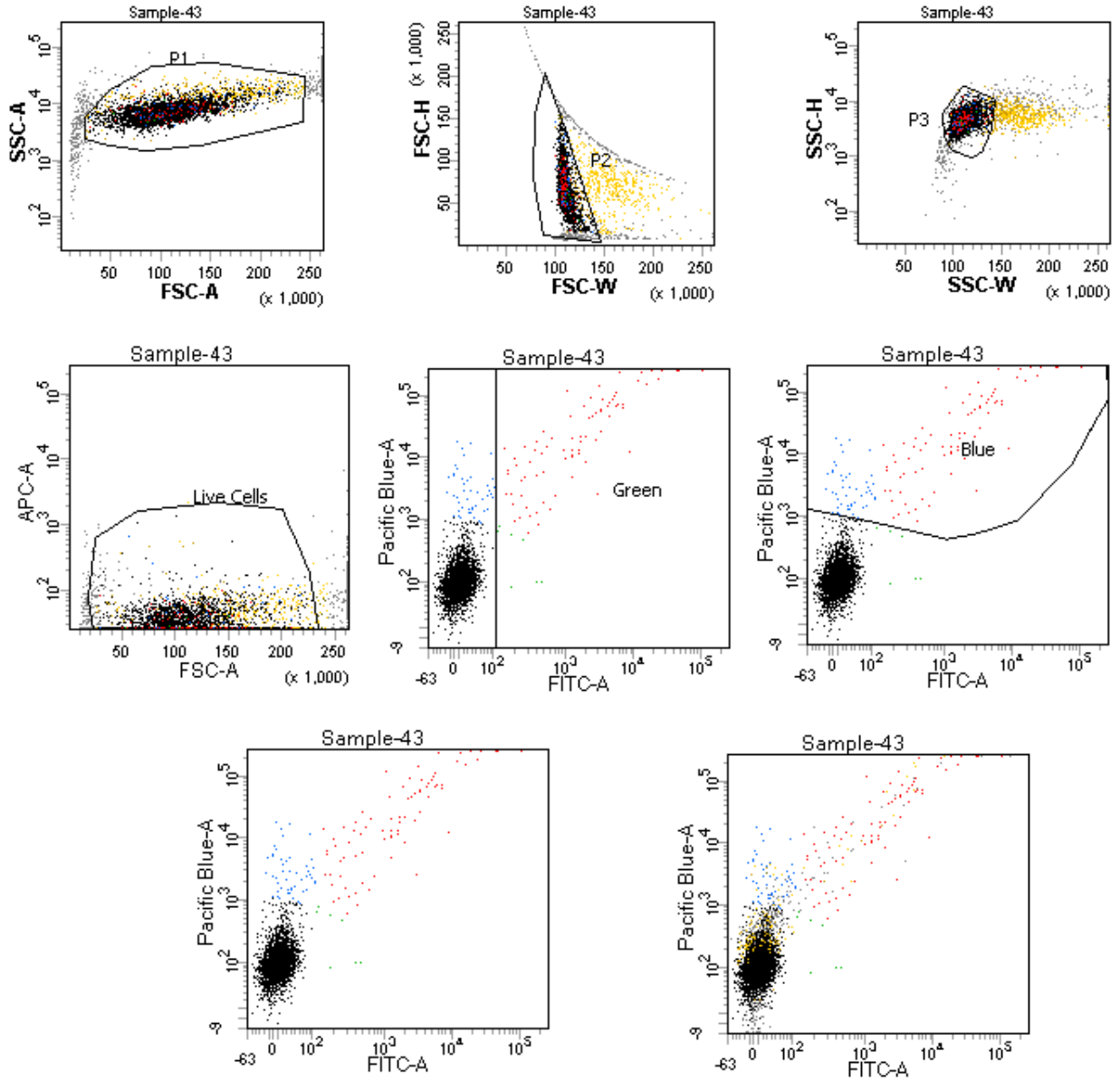
Tube: 42

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 1,893   | ####    | 100.0  |
| P1         | 1,831   | 86.2    | 86.2   |
| P2         | 1,470   | 90.1    | 77.7   |
| P3         | 1,431   | 97.3    | 75.6   |
| Live Cells | 1,426   | 99.7    | 75.3   |
| Blue       | 190     | 13.3    | 10.0   |
| Green      | 140     | 9.8     | 7.4    |
| Both       | 133     | 9.3     | 7.0    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 42  
 Record Date: Apr 2, 2015 4:42:29 PM  
 SOP: IsaacChaim  
 GUID: 82ca32e5-26d0-490c-a308-8280...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 1,426   | 99.7    | 239         | 11            | 3,312           | 132               |
| Blue       | 190     | 13.3    | 1,732       | 370           | 23,852          | 5,165             |
| Green      | 140     | 9.8     | 2,345       | 579           | 31,254          | 8,425             |
| Both       | 133     | 9.3     | 2,455       | 588           | 32,887          | 9,021             |

# BD FACSDiva 8.0



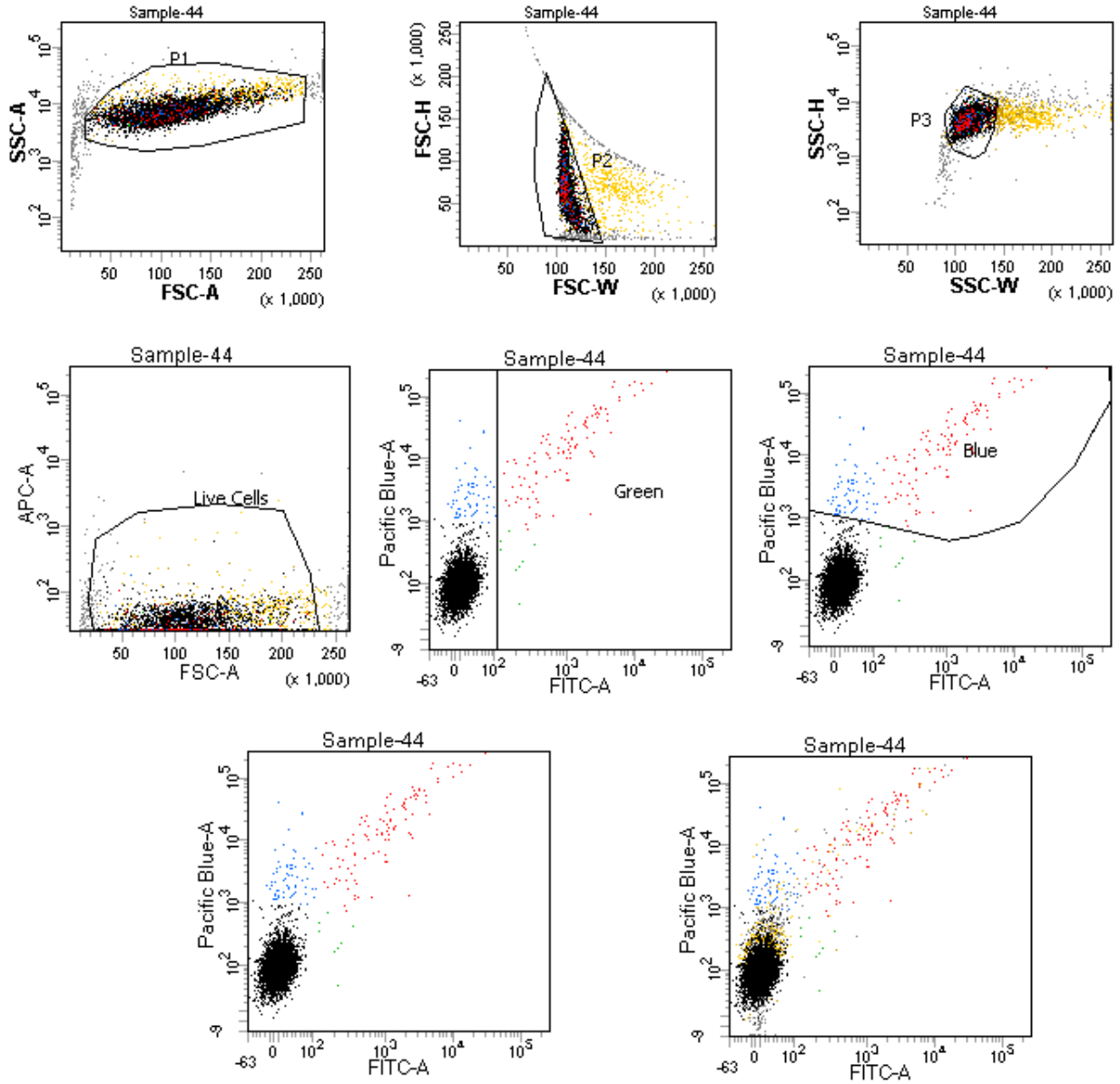
Tube: 43

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 4,307   | ####    | 100.0  |
| P1         | 3,831   | 88.9    | 88.9   |
| P2         | 3,423   | 89.4    | 79.5   |
| P3         | 3,309   | 96.7    | 76.8   |
| Live Cells | 3,299   | 99.7    | 76.6   |
| Blue       | 128     | 3.9     | 3.0    |
| Green      | 87      | 2.6     | 2.0    |
| Both       | 80      | 2.4     | 1.9    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 43  
 Record Date: Apr 2, 2015 4:43:29 PM  
 SOP: IsaacChaim  
 GUID: 2f0c38b9-a265-42d9-b065-ae48f...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 3,299   | 99.7    | 140         | 7             | 1,495           | 95                |
| Blue       | 128     | 3.9     | 3,435       | 300           | 35,705          | 6,999             |
| Green      | 87      | 2.6     | 5,053       | 1,188         | 50,417          | 13,419            |
| Both       | 80      | 2.4     | 5,474       | 1,232         | 54,795          | 16,454            |

BD FACSDiva 8.0

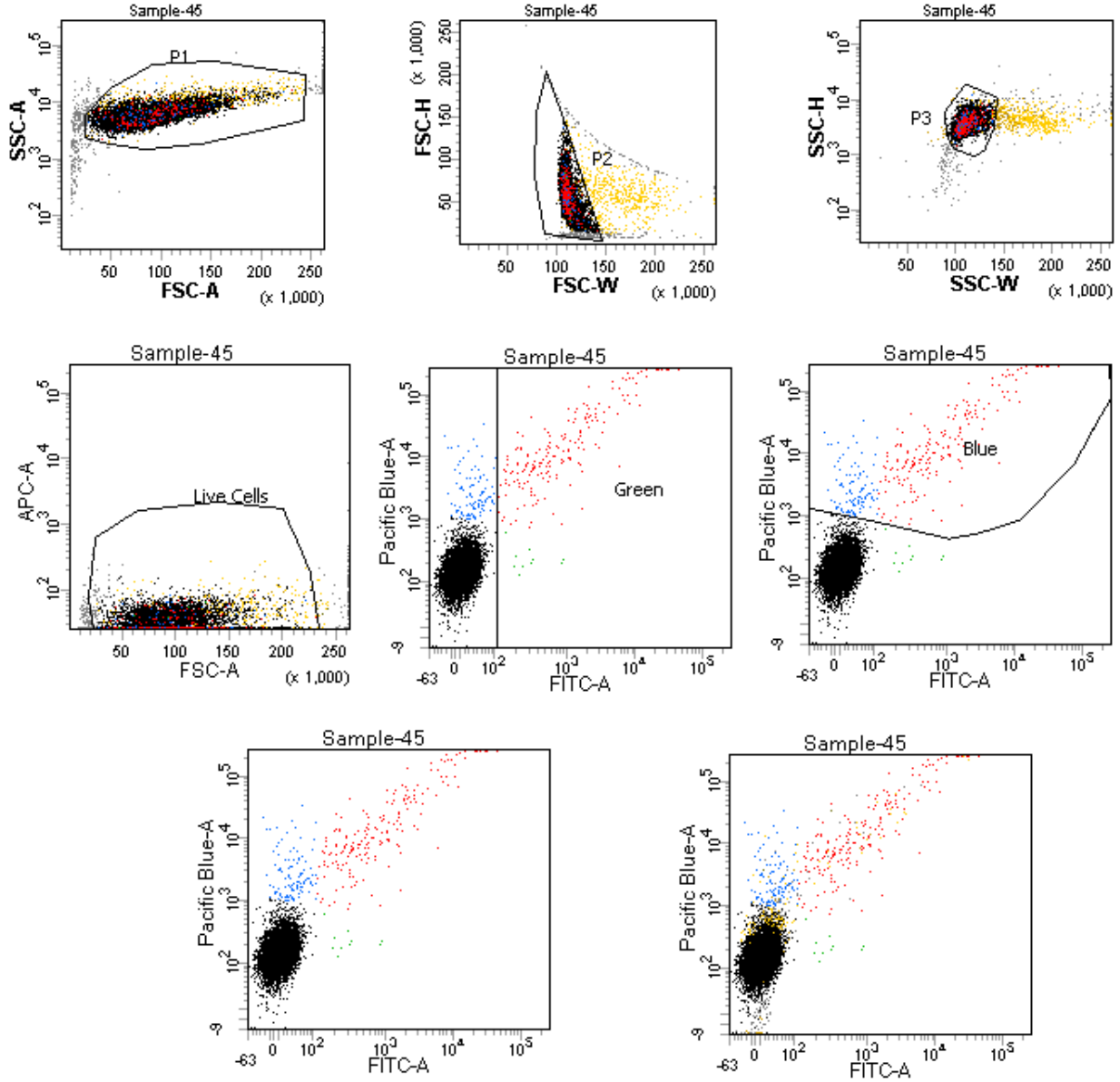


Tube: 44

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 5,410   | ####    | 100.0  |
| P1         | 4,954   | 91.6    | 91.6   |
| P2         | 4,493   | 90.7    | 83.0   |
| P3         | 4,337   | 96.5    | 80.2   |
| Live Cells | 4,332   | 99.9    | 80.1   |
| Blue       | 177     | 4.1     | 3.3    |
| Green      | 118     | 2.7     | 2.2    |
| Both       | 110     | 2.5     | 2.0    |

|                  |                                 |      |        |        |           |           |
|------------------|---------------------------------|------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402             |      |        |        |           |           |
| Plate Name:      |                                 |      |        |        |           |           |
| Specimen Name:   | Sample                          |      |        |        |           |           |
| Tube Name:       | 44                              |      |        |        |           |           |
| Record Date:     | Apr 2, 2015 4:44:21 PM          |      |        |        |           |           |
| SOP:             | IsaacChaim                      |      |        |        |           |           |
| GUID:            | a1caabd8-c3e7-46f9-8369-a824... |      |        |        |           |           |
|                  |                                 |      | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                 |      | Mean   | Median | Mean      | Median    |
| Live Cells       | 4,332                           | 99.9 | 68     | 6      | 1,082     | 90        |
| Blue             | 177                             | 4.1  | 1,531  | 343    | 24,051    | 6,243     |
| Green            | 118                             | 2.7  | 2,292  | 981    | 33,711    | 12,945    |
| Both             | 110                             | 2.5  | 2,444  | 1,032  | 36,141    | 15,339    |

# BD FACSDiva 8.0



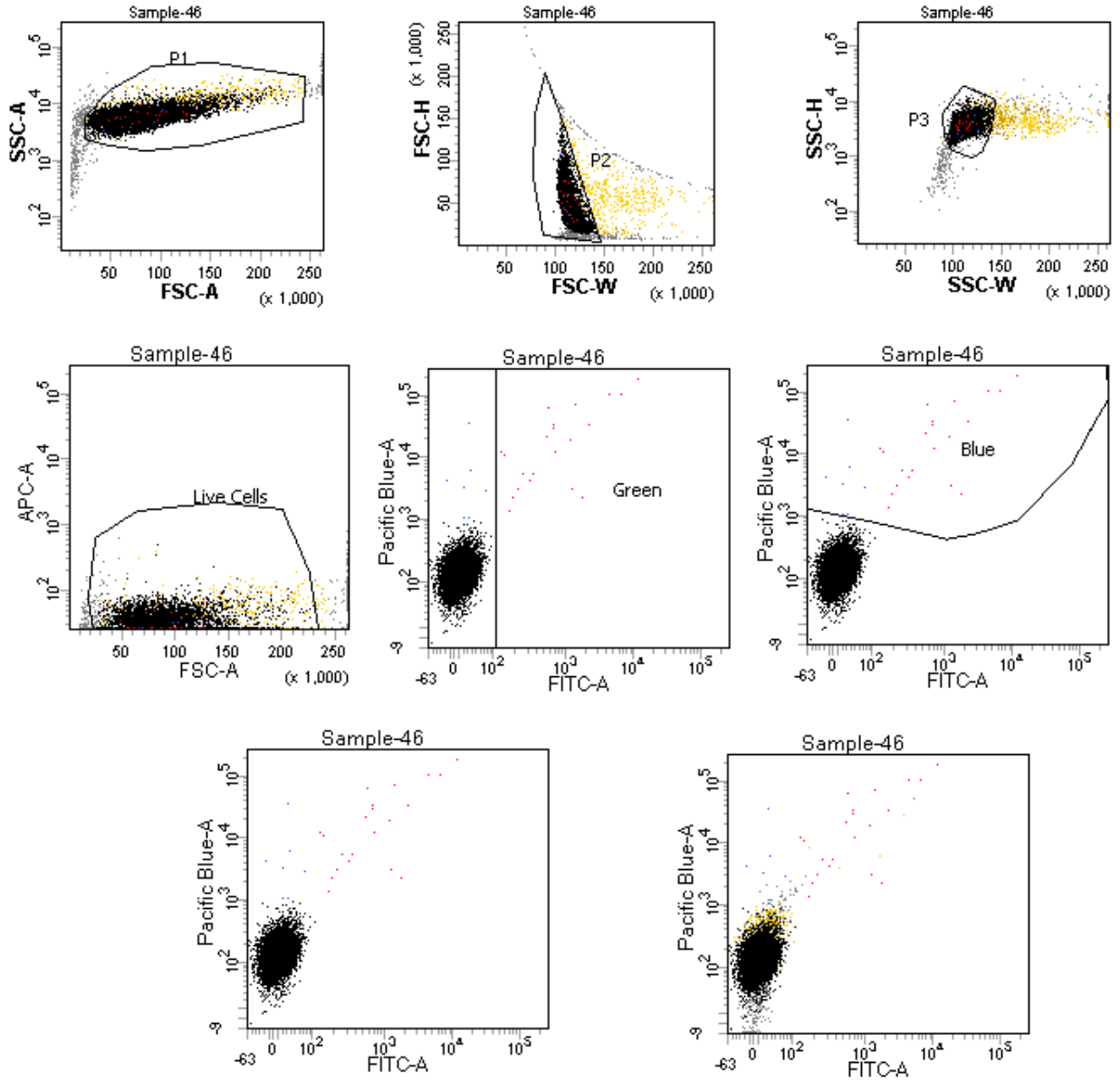
Tube: 45

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,016  | ####    | 100.0  |
| P1         | 10,807  | 98.3    | 98.3   |
| P2         | 10,124  | 95.4    | 91.9   |
| P3         | 10,005  | 98.8    | 90.8   |
| Live Cells | 10,000  | 100.0   | 90.8   |
| Blue       | 293     | 2.9     | 2.7    |
| Green      | 194     | 1.9     | 1.8    |
| Both       | 184     | 1.8     | 1.7    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 45  
 Record Date: Apr 2, 2015 4:44:54 PM  
 SOP: IsaacChaim  
 GUID: 1c831853-99ae-4ad9-a9c4-34d9...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 100.0   | 59          | 8             | 962             | 146               |
| Blue       | 293     | 2.9     | 1,760       | 264           | 27,514          | 6,311             |
| Green      | 194     | 1.9     | 2,655       | 568           | 39,320          | 10,261            |
| Both       | 184     | 1.8     | 2,780       | 633           | 41,444          | 11,067            |

BD FACSDiva 8.0



Tube: 46

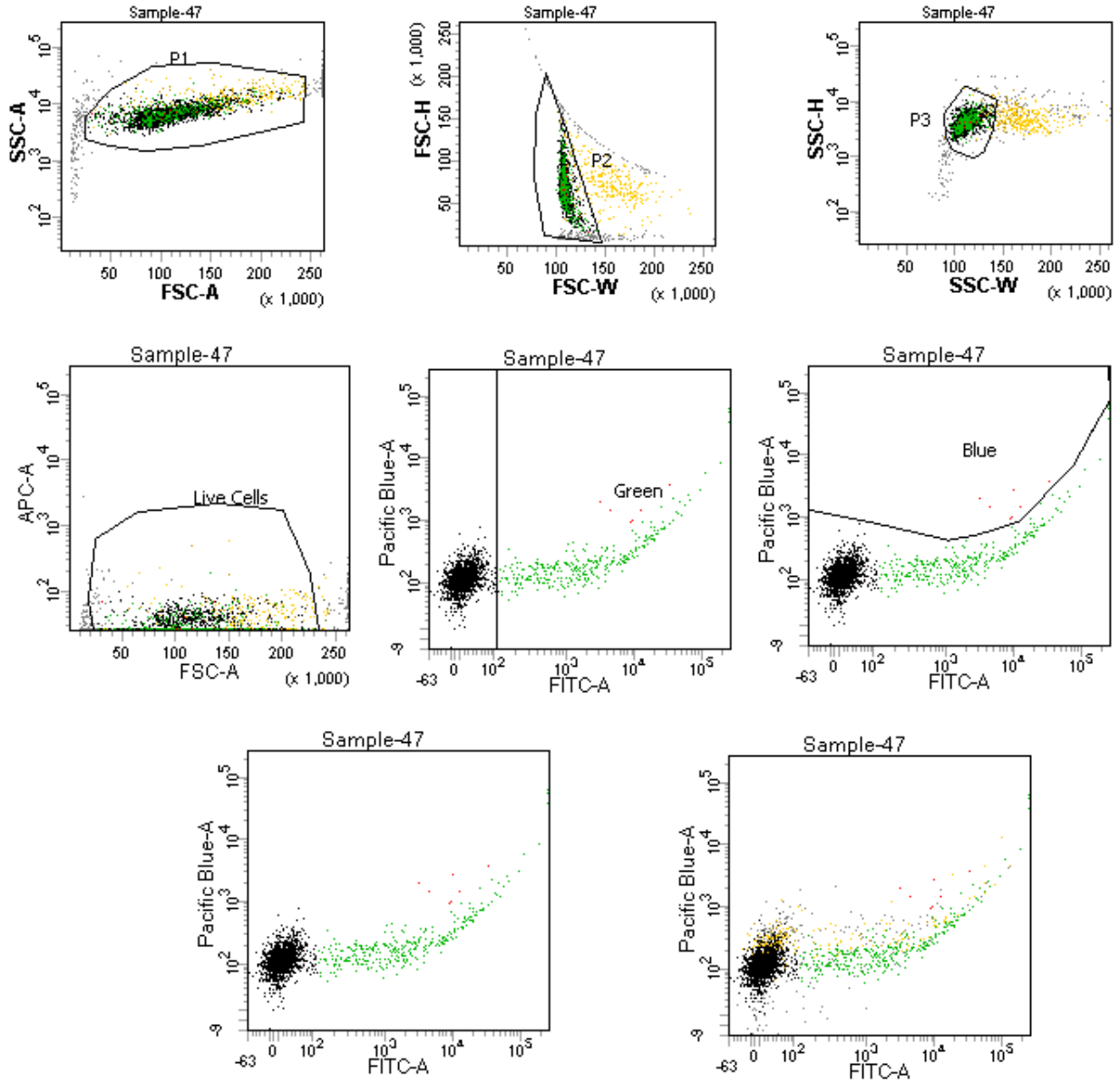
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,075  | ####    | 100.0  |
| P1         | 10,534  | 95.1    | 95.1   |
| P2         | 10,099  | 95.9    | 91.2   |
| P3         | 10,002  | 99.0    | 90.3   |
| Live Cells | 10,000  | 100.0   | 90.3   |
| Blue       | 28      | 0.3     | 0.3    |
| Green      | 21      | 0.2     | 0.2    |
| Both       | 21      | 0.2     | 0.2    |

|                  |                                 |
|------------------|---------------------------------|
| Experiment Name: | 20-109 Lab 20150402             |
| Plate Name:      |                                 |
| Specimen Name:   | Sample                          |
| Tube Name:       | 46                              |
| Record Date:     | Apr 2, 2015 4:45:28 PM          |
| SOP:             | IsaacChaim                      |
| GUID:            | 74888517-5401-4943-b47f-d92e... |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 100.0   | 11          | 7             | 229             | 136               |
| Blue       | 28      | 0.3     | 1,244       | 320           | 28,439          | 8,510             |
| Green      | 21      | 0.2     | 1,650       | 648           | 35,311          | 12,192            |
| Both       | 21      | 0.2     | 1,650       | 648           | 35,311          | 12,192            |

# BD FACSDiva 8.0



Tube: 47

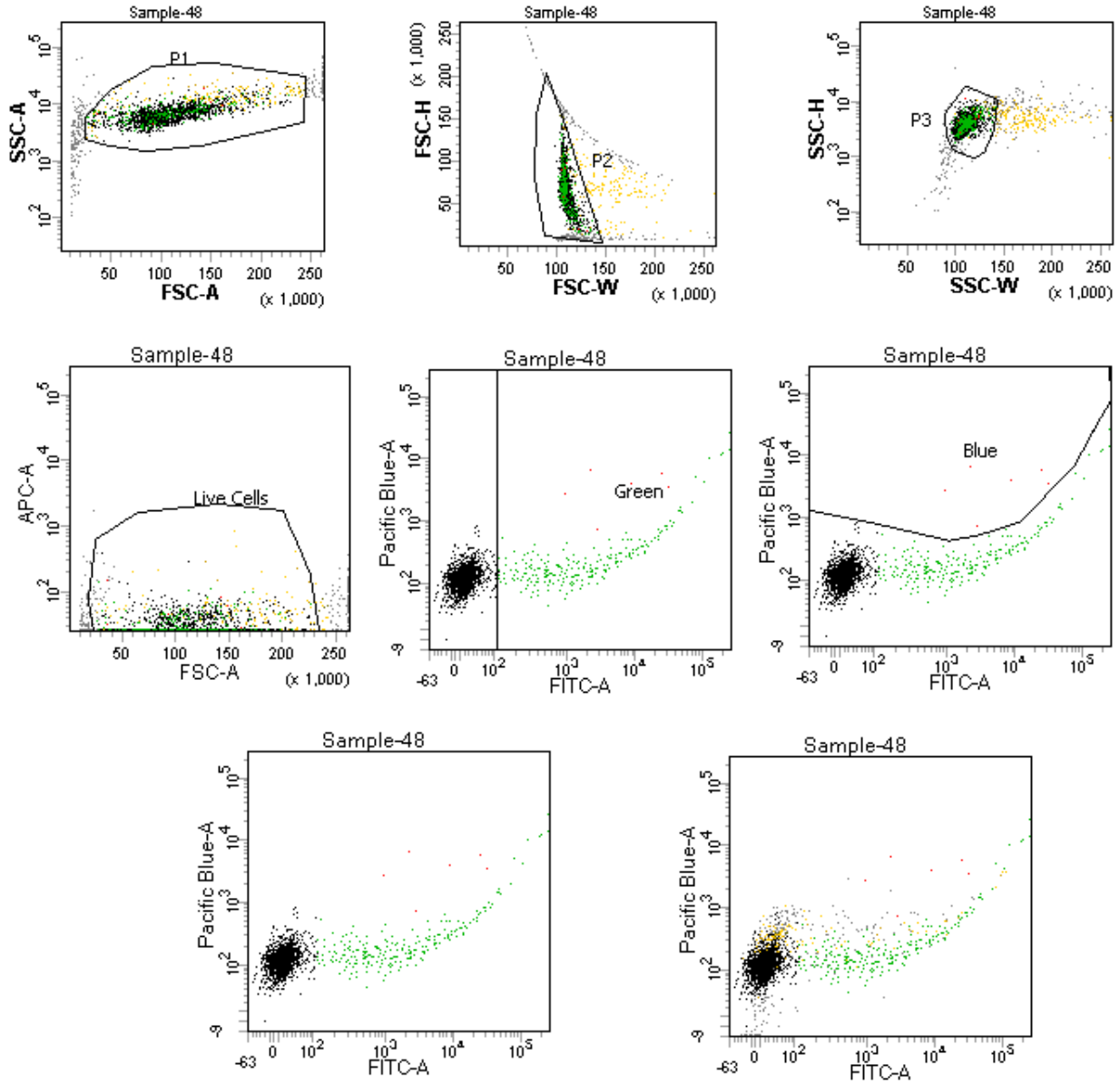
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 2,533   | ####    | 100.0  |
| P1         | 2,274   | 89.8    | 89.8   |
| P2         | 1,989   | 87.5    | 78.5   |
| P3         | 1,935   | 97.3    | 76.4   |
| Live Cells | 1,931   | 99.8    | 76.2   |
| Blue       | 7       | 0.4     | 0.3    |
| Green      | 320     | 16.6    | 12.6   |
| Both       | 7       | 0.4     | 0.3    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 47  
 Record Date: Apr 2, 2015 4:46:46 PM  
 SOP: IsaacChaim  
 GUID: b6f72040-b824-462c-aa91-da66...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 1,931   | 99.8    | 1,881       | 17            | 275             | 119               |
| Blue       | 7       | 0.4     | 11,573      | 9,195         | 1,888           | 1,458             |
| Green      | 320     | 16.6    | 10,071      | 1,535         | 1,041           | 182               |
| Both       | 7       | 0.4     | 11,573      | 9,195         | 1,888           | 1,458             |



BD FACSDiva 8.0



Tube: 48

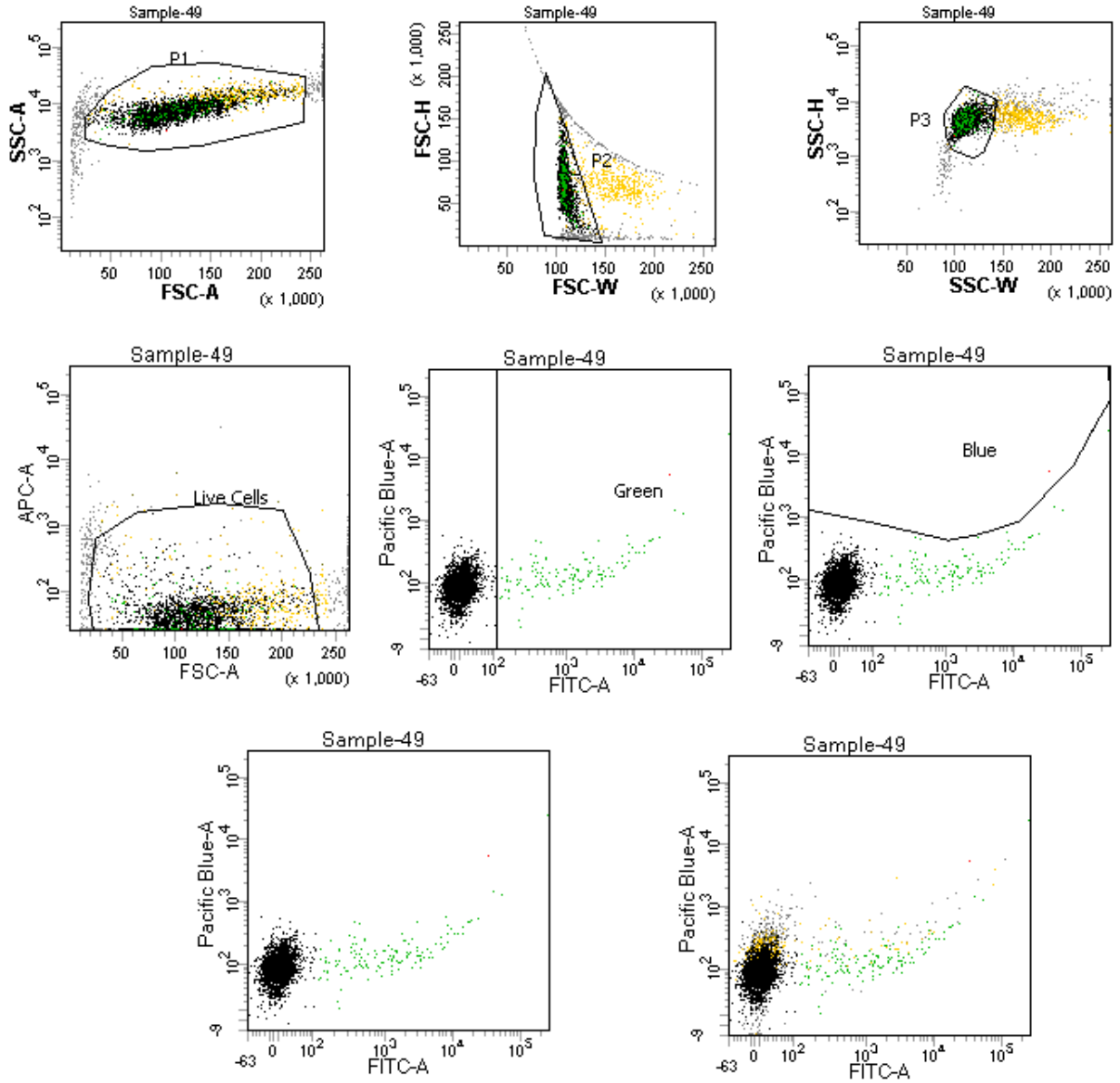
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 2,115   | ####    | 100.0  |
| P1         | 1,828   | 86.4    | 86.4   |
| P2         | 1,683   | 92.1    | 79.6   |
| P3         | 1,642   | 97.6    | 77.6   |
| Live Cells | 1,637   | 99.7    | 77.4   |
| Blue       | 6       | 0.4     | 0.3    |
| Green      | 234     | 14.3    | 11.1   |
| Both       | 6       | 0.4     | 0.3    |

|                  |                                 |  |  |  |  |  |
|------------------|---------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402             |  |  |  |  |  |
| Plate Name:      |                                 |  |  |  |  |  |
| Specimen Name:   | Sample                          |  |  |  |  |  |
| Tube Name:       | 48                              |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 4:48:02 PM          |  |  |  |  |  |
| SOP:             | IsaacChaim                      |  |  |  |  |  |
| GUID:            | 2e388542-c838-435e-8c3d-c832... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 1,637   | 99.7    | 1,520       | 17            | 210             | 124               |
| Blue       | 6       | 0.4     | 11,852      | 5,611         | 3,808           | 3,650             |
| Green      | 234     | 14.3    | 10,546      | 1,245         | 698             | 177               |
| Both       | 6       | 0.4     | 11,852      | 5,611         | 3,808           | 3,650             |

BD FACSDiva 8.0



Tube: 49

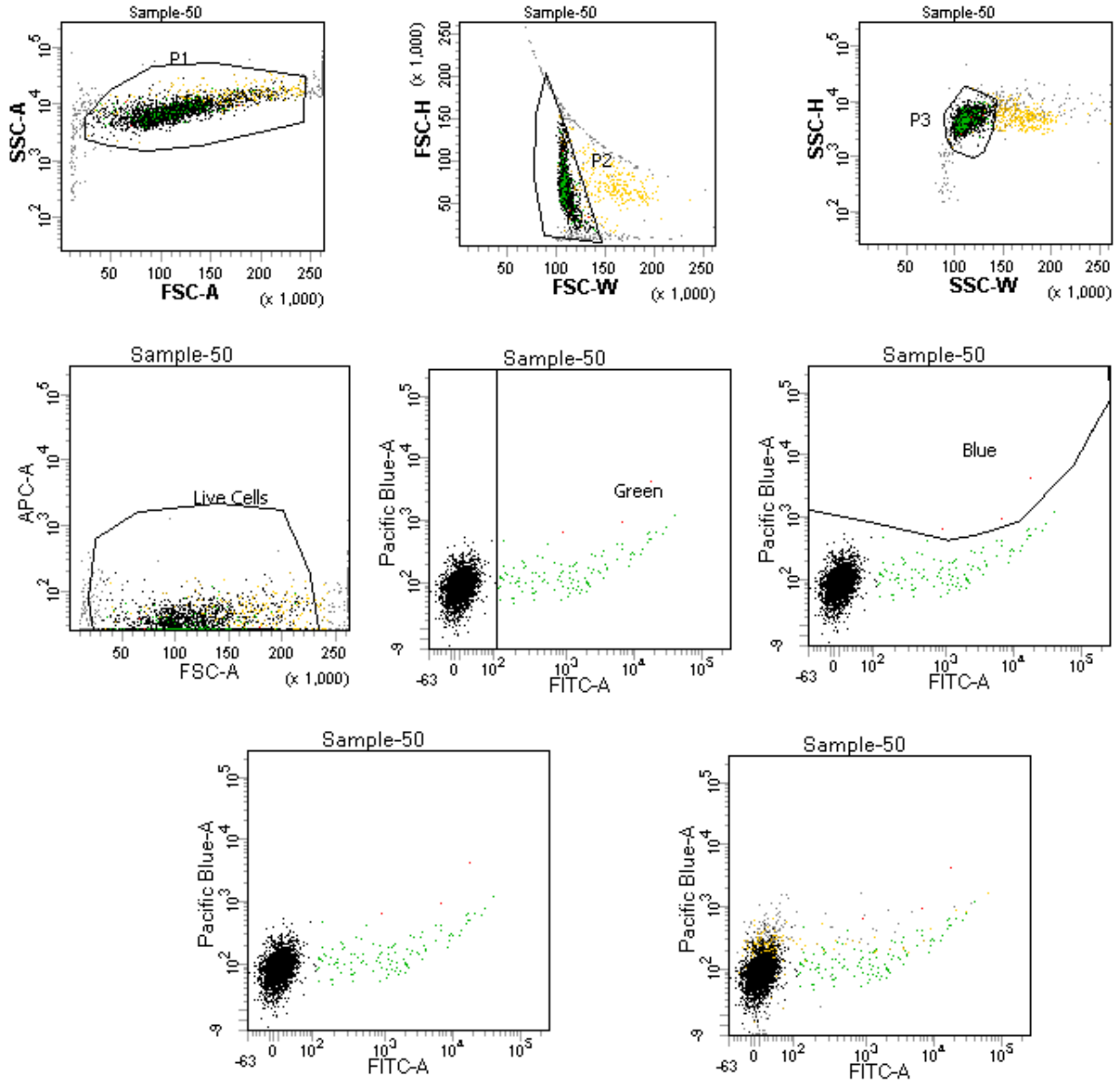
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 3,811   | ####    | 100.0  |
| P1         | 3,390   | 89.0    | 89.0   |
| P2         | 2,964   | 87.4    | 77.8   |
| P3         | 2,886   | 97.4    | 75.7   |
| Live Cells | 2,867   | 99.3    | 75.2   |
| Blue       | 1       | 0.0     | 0.0    |
| Green      | 135     | 4.7     | 3.5    |
| Both       | 1       | 0.0     | 0.0    |

|                  |                                 |  |  |  |  |  |
|------------------|---------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402             |  |  |  |  |  |
| Plate Name:      |                                 |  |  |  |  |  |
| Specimen Name:   | Sample                          |  |  |  |  |  |
| Tube Name:       | 49                              |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 4:49:09 PM          |  |  |  |  |  |
| SOP:             | IsaacChaim                      |  |  |  |  |  |
| GUID:            | 2089a212-9e5b-419c-a495-a78e... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A | FITC-A | Pacifi... | Pacifi... |
|------------|---------|---------|--------|--------|-----------|-----------|
|            |         |         | Mean   | Median | Mean      | Median    |
| Live Cells | 2,867   | 99.3    | 264    | 7      | 108       | 87        |
| Blue       | 1       | 0.0     | 33,644 | 33,644 | 5,350     | 5,350     |
| Green      | 135     | 4.7     | 5,476  | 1,101  | 406       | 132       |
| Both       | 1       | 0.0     | 33,644 | 33,644 | 5,350     | 5,350     |

# BD FACSDiva 8.0



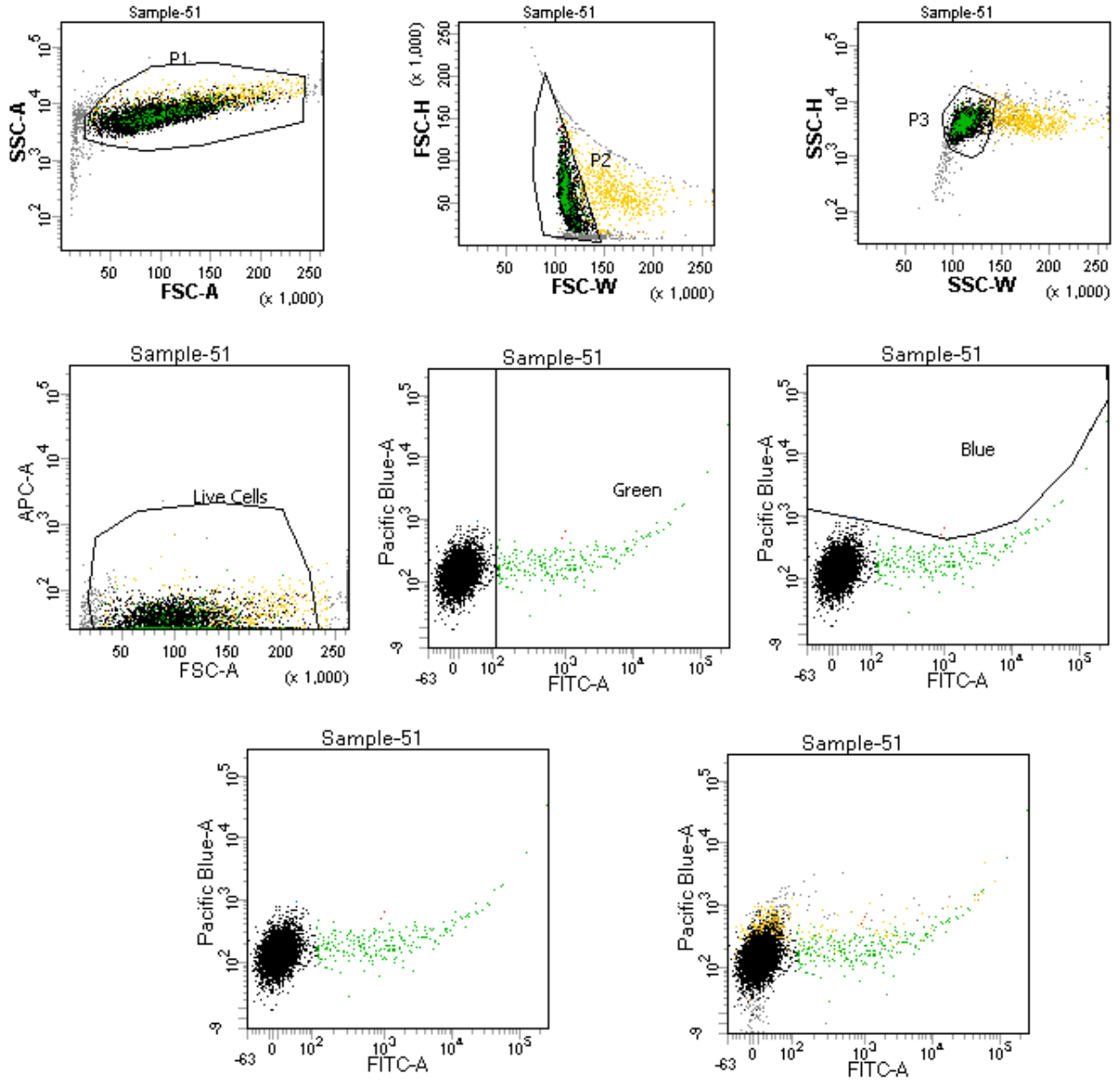
Tube: 50

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 3,083   | ####    | 100.0  |
| P1         | 2,817   | 91.4    | 91.4   |
| P2         | 2,567   | 91.1    | 83.3   |
| P3         | 2,507   | 97.7    | 81.3   |
| Live Cells | 2,503   | 99.8    | 81.2   |
| Blue       | 3       | 0.1     | 0.1    |
| Green      | 117     | 4.7     | 3.8    |
| Both       | 3       | 0.1     | 0.1    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 50  
 Record Date: Apr 2, 2015 4:49:55 PM  
 SOP: IsaacChaim  
 GUID: 2f299751-8994-49a3-aa8d-8843...

| Population | #Events | %Parent | FITC-A | FITC-A | Pacifi... | Pacifi... |
|------------|---------|---------|--------|--------|-----------|-----------|
|            |         |         | Mean   | Median | Mean      | Median    |
| Live Cells | 2,503   | 99.8    | 171    | 7      | 99        | 85        |
| Blue       | 3       | 0.1     | 8,132  | 6,513  | 1,893     | 944       |
| Green      | 117     | 4.7     | 3,523  | 1,066  | 233       | 137       |
| Both       | 3       | 0.1     | 8,132  | 6,513  | 1,893     | 944       |

# BD FACSDiva 8.0



Tube: 51

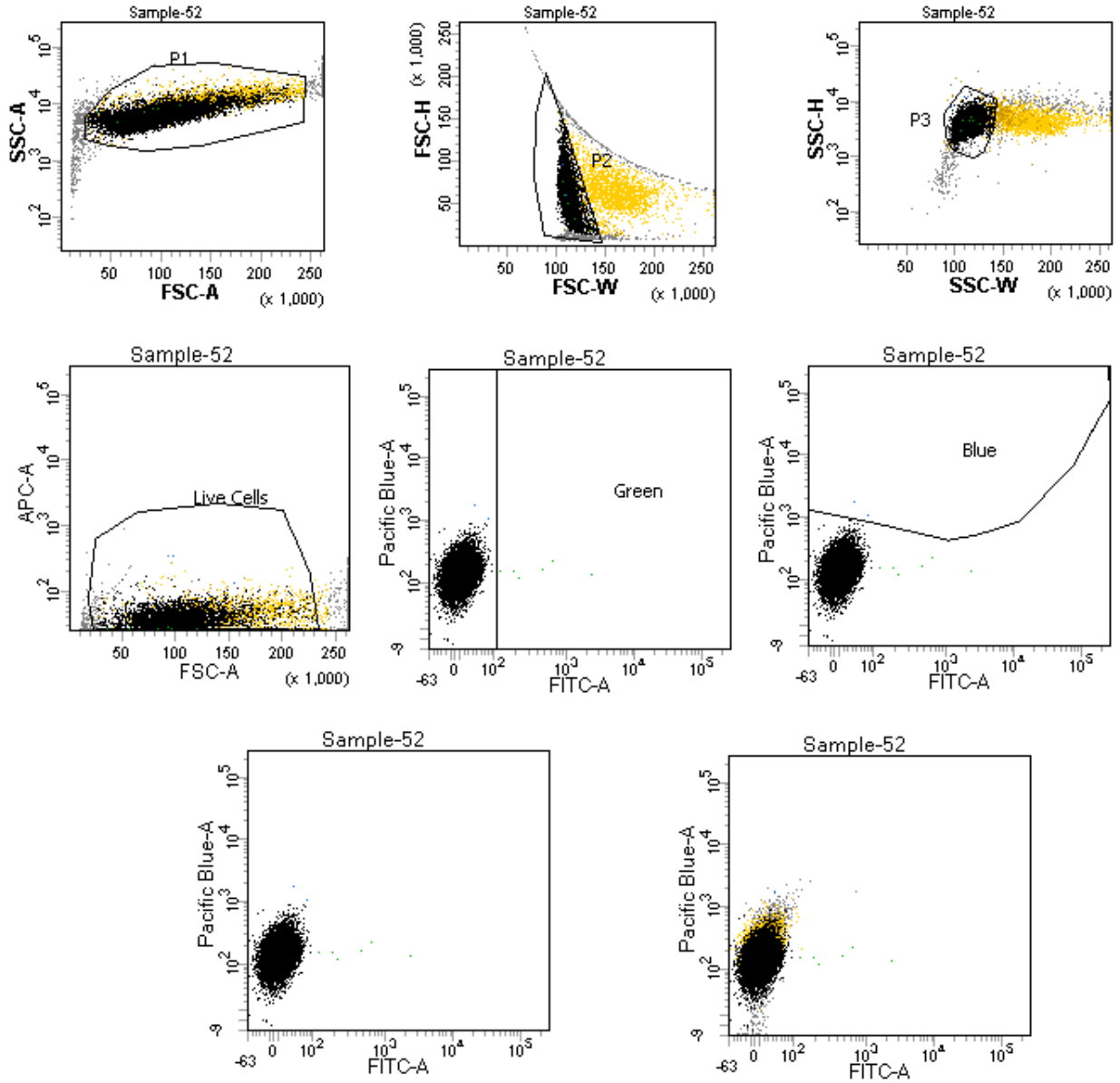
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 7,875   | ####    | 100.0  |
| P1         | 7,441   | 94.5    | 94.5   |
| P2         | 6,836   | 91.9    | 86.8   |
| P3         | 6,752   | 98.8    | 85.7   |
| Live Cells | 6,750   | 100.0   | 85.7   |
| Blue       | 3       | 0.0     | 0.0    |
| Green      | 237     | 3.5     | 3.0    |
| Both       | 2       | 0.0     | 0.0    |

|                  |                                 |
|------------------|---------------------------------|
| Experiment Name: | 20-109 Lab 20150402             |
| Plate Name:      |                                 |
| Specimen Name:   | Sample                          |
| Tube Name:       | 51                              |
| Record Date:     | Apr 2, 2015 4:50:45 PM          |
| SOP:             | IsaacChaim                      |
| GUID:            | 8c2530cb-aebo-4d78-8b5c-aaa9... |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 6,750   | 100.0   | 187         | 9             | 184             | 143               |
| Blue       | 3       | 0.0     | 635         | 870           | 690             | 635               |
| Green      | 237     | 3.5     | 5,084       | 735           | 424             | 204               |
| Both       | 2       | 0.0     | 929         | 929           | 561             | 561               |

BD FACSDiva 8.0

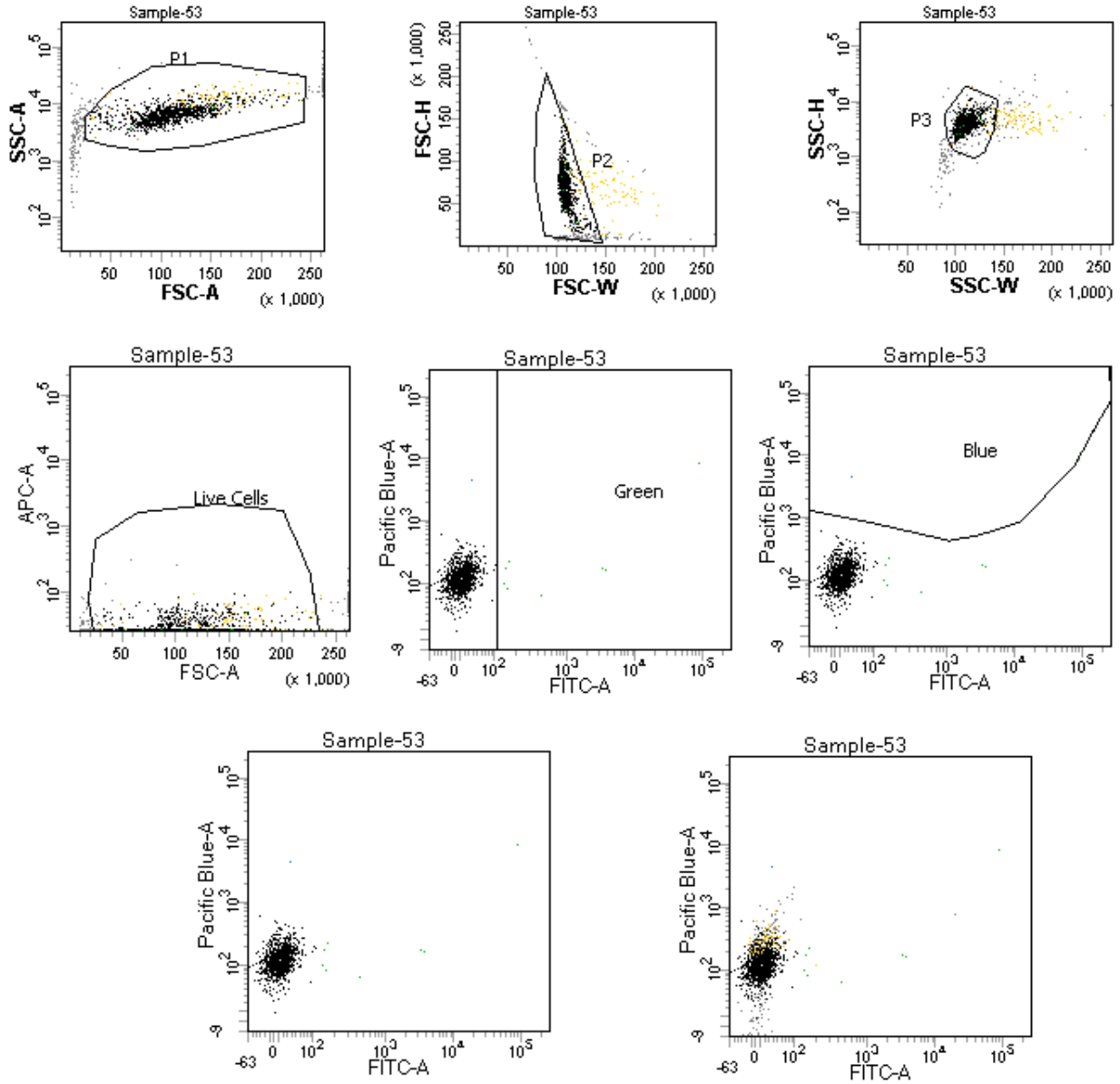


Tube: 52

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 15,721  | ####    | 100.0  |
| P1         | 14,982  | 95.3    | 95.3   |
| P2         | 13,111  | 87.5    | 83.4   |
| P3         | 12,913  | 98.5    | 82.1   |
| Live Cells | 12,905  | 99.9    | 82.1   |
| Blue       | 2       | 0.0     | 0.0    |
| Green      | 6       | 0.0     | 0.0    |
| Both       | 0       | 0.0     | 0.0    |

|                  |                                 |      |        |        |           |           |
|------------------|---------------------------------|------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402             |      |        |        |           |           |
| Plate Name:      |                                 |      |        |        |           |           |
| Specimen Name:   | Sample                          |      |        |        |           |           |
| Tube Name:       | 52                              |      |        |        |           |           |
| Record Date:     | Apr 2, 2015 4:51:40 PM          |      |        |        |           |           |
| SOP:             | IsaacChaim                      |      |        |        |           |           |
| GUID:            | 33278e86-3dfa-443b-9772-1802... |      |        |        |           |           |
|                  |                                 |      | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                 |      | Mean   | Median | Mean      | Median    |
| Live Cells       | 12,905                          | 99.9 | 8      | 8      | 150       | 138       |
| Blue             | 2                               | 0.0  | 56     | 56     | 1,403     | 1,403     |
| Green            | 6                               | 0.0  | 635    | 323    | 156       | 155       |
| Both             | 0                               | 0.0  | ####   | ####   | ####      | ####      |

# BD FACSDiva 8.0

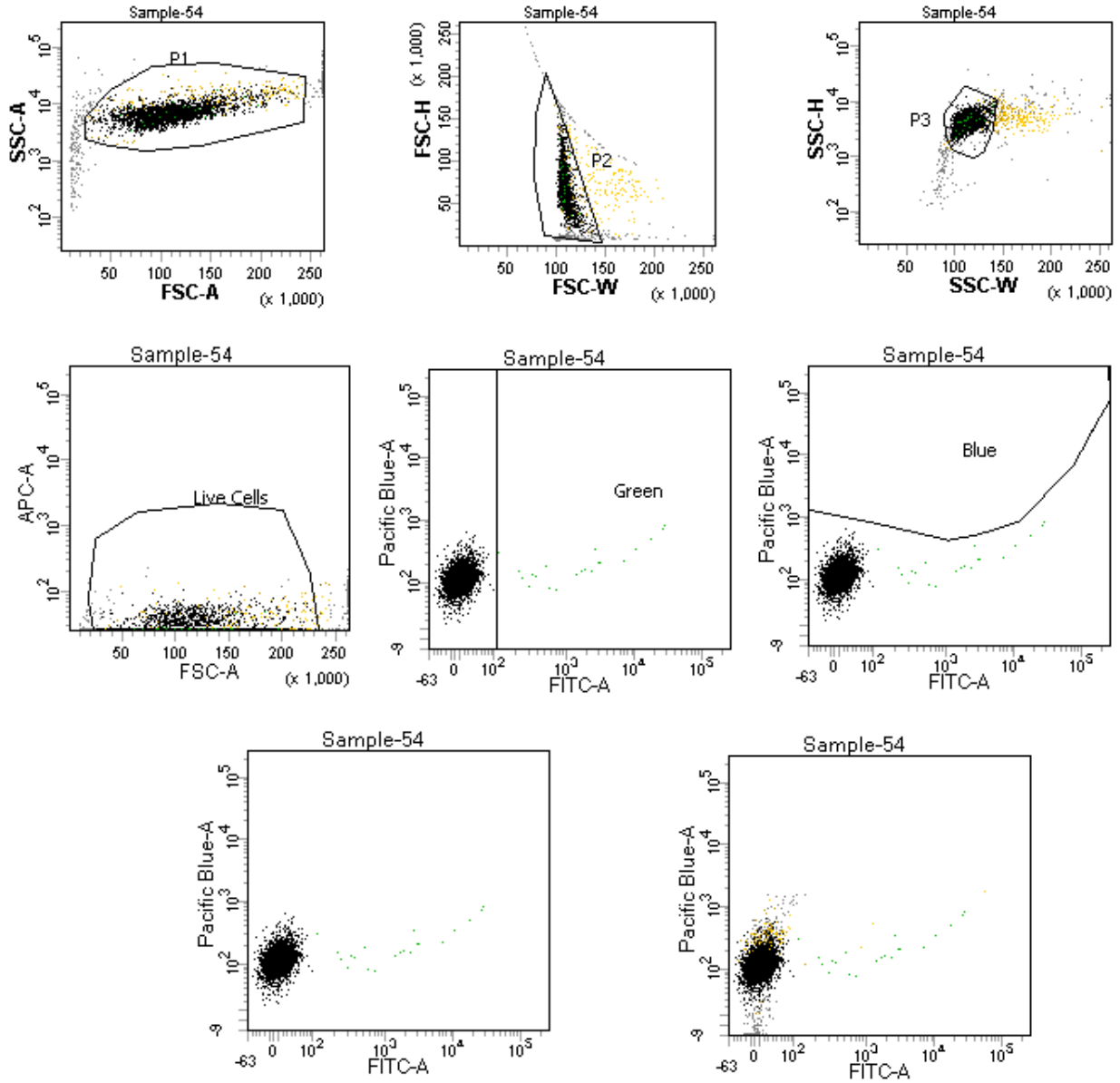


Tube: 53

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 1,315   | ####    | 100.0  |
| P1         | 1,115   | 84.8    | 84.8   |
| P2         | 1,042   | 93.5    | 79.2   |
| P3         | 1,013   | 97.2    | 77.0   |
| Live Cells | 1,009   | 99.6    | 76.7   |
| Blue       | 1       | 0.1     | 0.1    |
| Green      | 8       | 0.8     | 0.6    |
| Both       | 0       | 0.0     | 0.0    |

|                  |                                 |      |        |        |           |           |
|------------------|---------------------------------|------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402             |      |        |        |           |           |
| Plate Name:      |                                 |      |        |        |           |           |
| Specimen Name:   | Sample                          |      |        |        |           |           |
| Tube Name:       | 53                              |      |        |        |           |           |
| Record Date:     | Apr 2, 2015 4:52:43 PM          |      |        |        |           |           |
| SOP:             | IsaacChaim                      |      |        |        |           |           |
| GUID:            | 904555c8-f34d-45c5-ae3a-4801... |      |        |        |           |           |
|                  |                                 |      | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                 |      | Mean   | Median | Mean      | Median    |
| Live Cells       | 1,009                           | 99.6 | 104    | 7      | 142       | 120       |
| Blue             | 1                               | 0.1  | 31     | 31     | 4,380     | 4,380     |
| Green            | 8                               | 0.8  | 12,095 | 291    | 1,160     | 164       |
| Both             | 0                               | 0.0  | ####   | ####   | ####      | ####      |

BD FACSDiva 8.0

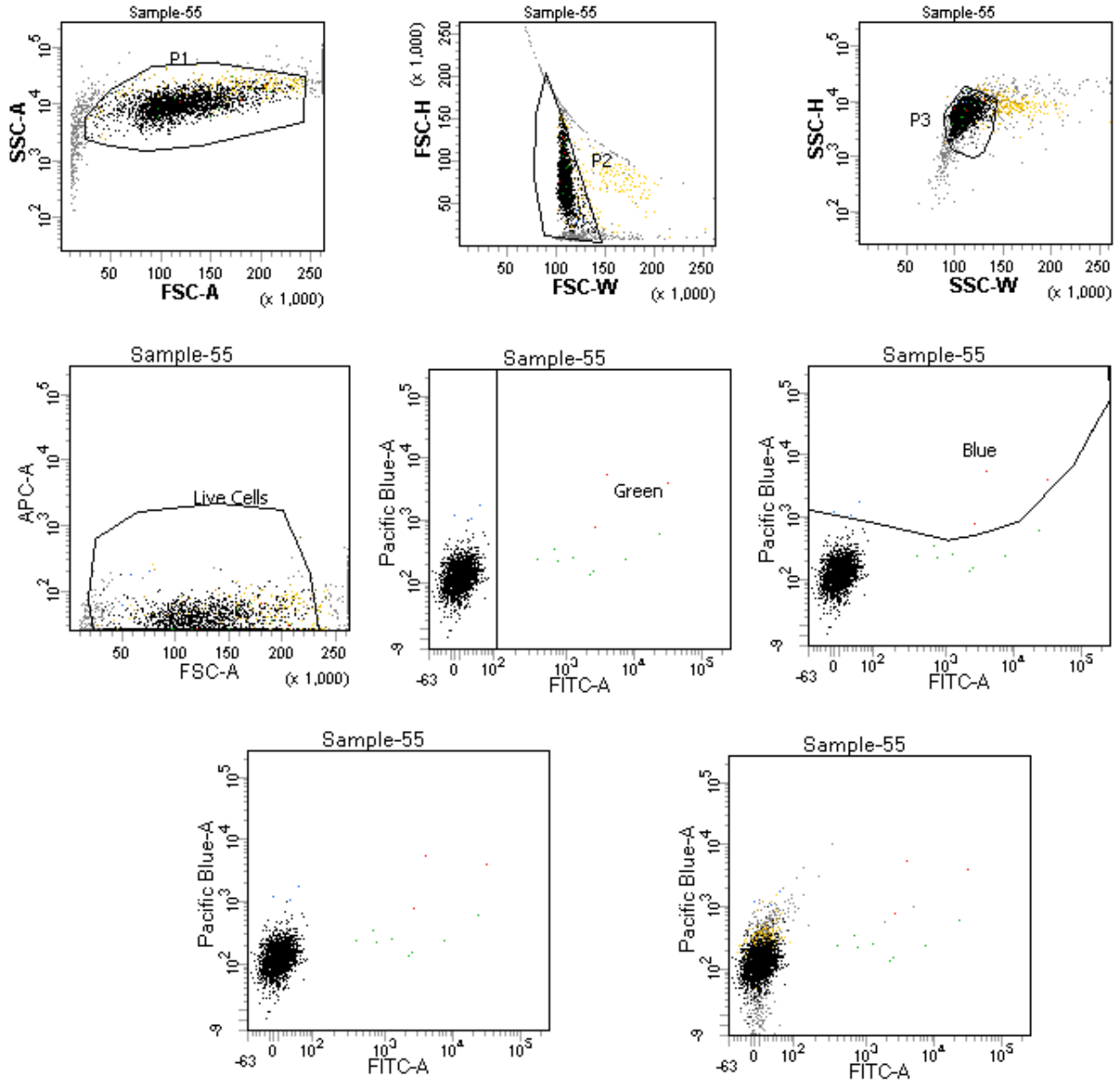


Tube: 54

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 3,044   | ####    | 100.0  |
| P1         | 2,772   | 91.1    | 91.1   |
| P2         | 2,632   | 94.9    | 86.5   |
| P3         | 2,539   | 96.5    | 83.4   |
| Live Cells | 2,535   | 99.8    | 83.3   |
| Blue       | 0       | 0.0     | 0.0    |
| Green      | 21      | 0.8     | 0.7    |
| Both       | 0       | 0.0     | 0.0    |

|                  |                                 |      |        |        |           |           |
|------------------|---------------------------------|------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402             |      |        |        |           |           |
| Plate Name:      |                                 |      |        |        |           |           |
| Specimen Name:   | Sample                          |      |        |        |           |           |
| Tube Name:       | 54                              |      |        |        |           |           |
| Record Date:     | Apr 2, 2015 4:53:34 PM          |      |        |        |           |           |
| SOP:             | IsaacChaim                      |      |        |        |           |           |
| GUID:            | 11e5a47b-4bb9-4480-a085-77cc... |      |        |        |           |           |
|                  |                                 |      | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                 |      | Mean   | Median | Mean      | Median    |
| Live Cells       | 2,535                           | 99.8 | 50     | 7      | 125       | 115       |
| Blue             | 0                               | 0.0  | ####   | ####   | ####      | ####      |
| Green            | 21                              | 0.8  | 5,127  | 1,593  | 244       | 165       |
| Both             | 0                               | 0.0  | ####   | ####   | ####      | ####      |

# BD FACSDiva 8.0



Tube: 55

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 2,818   | ####    | 100.0  |
| P1         | 2,301   | 81.7    | 81.7   |
| P2         | 2,169   | 94.3    | 77.0   |
| P3         | 2,097   | 96.7    | 74.4   |
| Live Cells | 2,088   | 99.6    | 74.1   |
| Blue       | 6       | 0.3     | 0.2    |
| Green      | 11      | 0.5     | 0.4    |
| Both       | 3       | 0.1     | 0.1    |

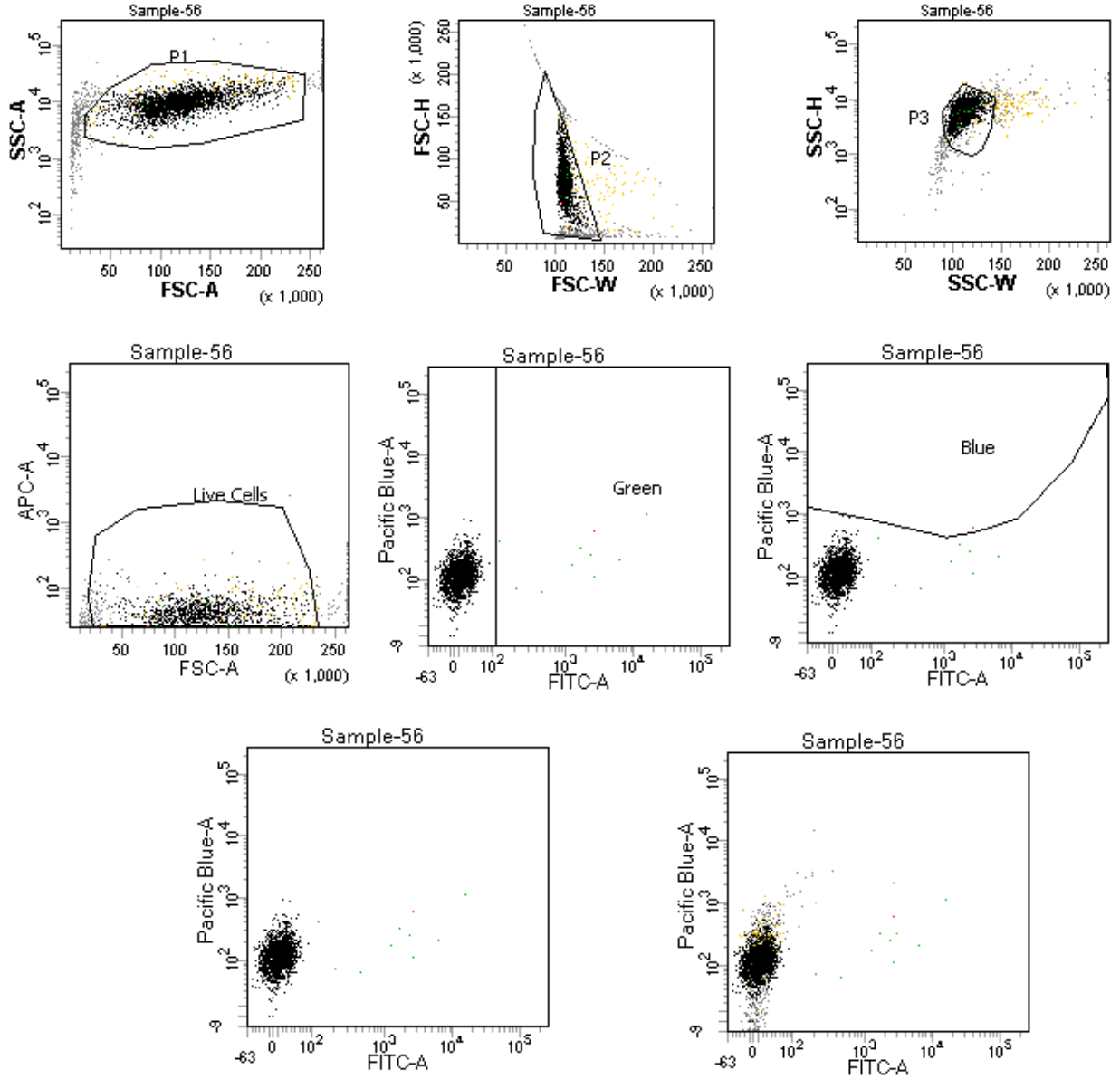
|                  |                                 |  |  |  |  |  |
|------------------|---------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402             |  |  |  |  |  |
| Plate Name:      |                                 |  |  |  |  |  |
| Specimen Name:   | Sample                          |  |  |  |  |  |
| Tube Name:       | 55                              |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 4:54:23 PM          |  |  |  |  |  |
| SOP:             | IsaacChaim                      |  |  |  |  |  |
| GUID:            | 629905cc-7c49-47e4-a707-d1db... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A |        | Pacifi... |        |
|------------|---------|---------|--------|--------|-----------|--------|
|            |         |         | Mean   | Median | Mean      | Median |
| Live Cells | 2,088   | 99.6    | 43     | 6      | 143       | 123    |
| Blue       | 6       | 0.3     | 6,319  | 1,271  | 2,322     | 1,484  |
| Green      | 11      | 0.5     | 6,944  | 2,473  | 1,101     | 248    |
| Both       | 3       | 0.1     | 12,613 | 3,730  | 3,323     | 3,895  |



# BD FACSDiva 8.0



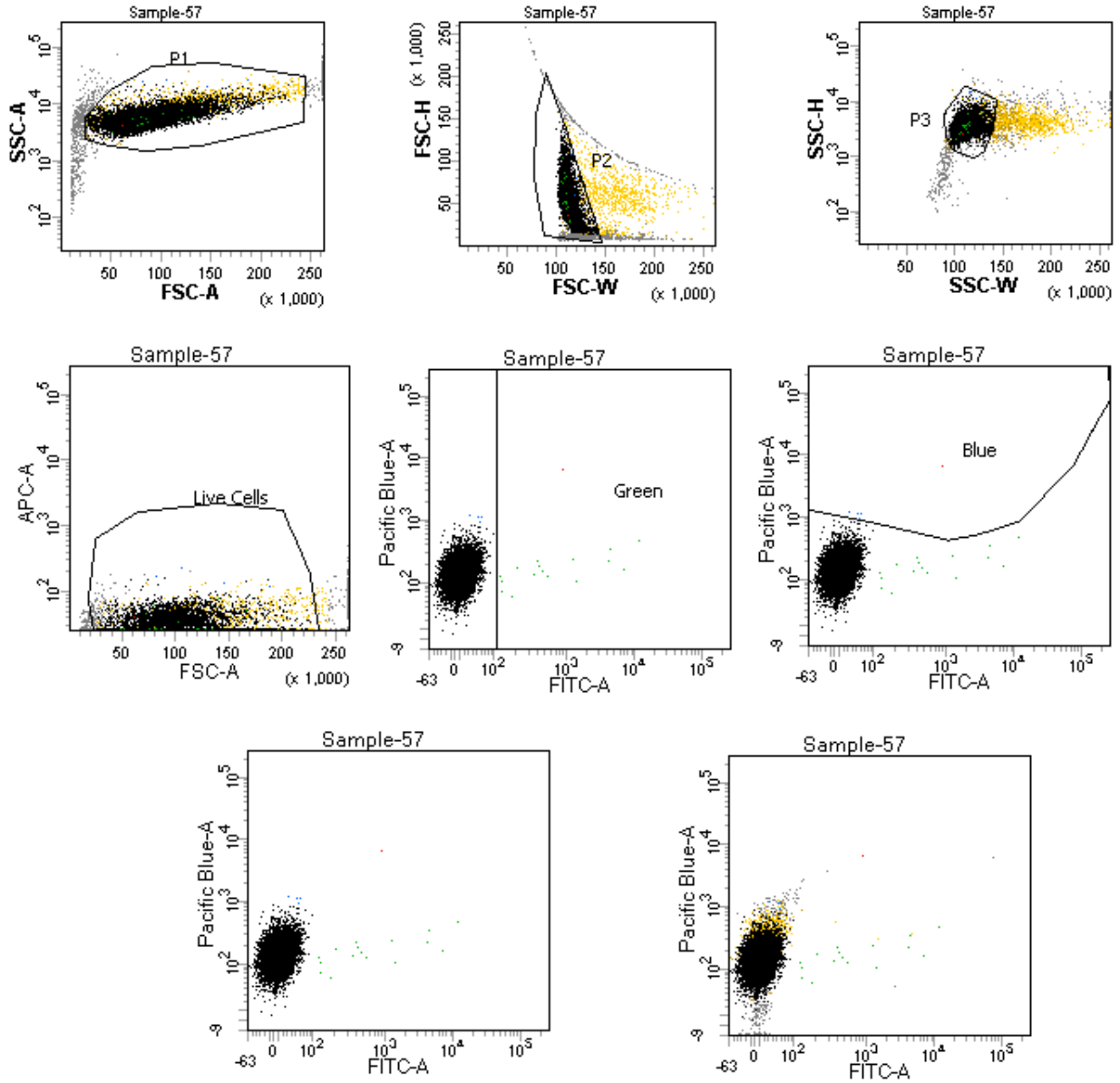
Tube: 56

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 2,658   | ####    | 100.0  |
| P1         | 2,247   | 84.5    | 84.5   |
| P2         | 2,166   | 96.4    | 81.5   |
| P3         | 2,104   | 97.1    | 79.2   |
| Live Cells | 2,099   | 99.8    | 79.0   |
| Blue       | 1       | 0.0     | 0.0    |
| Green      | 11      | 0.5     | 0.4    |
| Both       | 1       | 0.0     | 0.0    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 56  
 Record Date: Apr 2, 2015 4:55:13 PM  
 SOP: IsaacChaim  
 GUID: 081a8b04-c79a-430f-b9ee-fb4dd...

| Population | #Events | %Parent | FITC-A | FITC-A | Pacific... | Pacifi... |
|------------|---------|---------|--------|--------|------------|-----------|
|            |         |         | Mean   | Median | Mean       | Median    |
| Live Cells | 2,099   | 99.8    | 25     | 6      | 129        | 115       |
| Blue       | 1       | 0.0     | 2,536  | 2,536  | 588        | 588       |
| Green      | 11      | 0.5     | 3,567  | 2,281  | 316        | 205       |
| Both       | 1       | 0.0     | 2,536  | 2,536  | 588        | 588       |

# BD FACSDiva 8.0



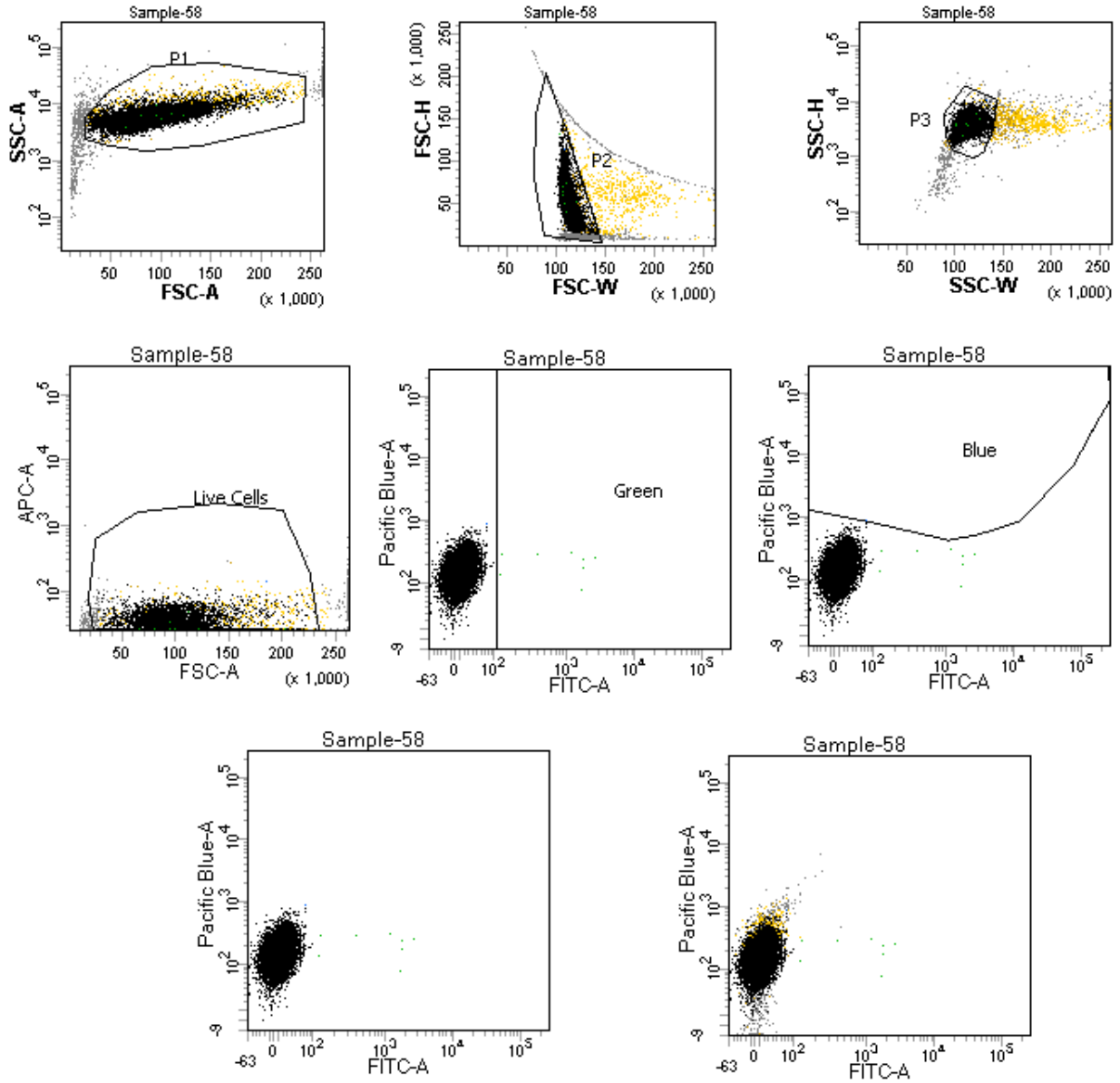
Tube: 57

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,720  | ####    | 100.0  |
| P1         | 10,935  | 93.3    | 93.3   |
| P2         | 10,191  | 93.2    | 87.0   |
| P3         | 10,003  | 98.2    | 85.3   |
| Live Cells | 10,000  | 100.0   | 85.3   |
| Blue       | 5       | 0.0     | 0.0    |
| Green      | 17      | 0.2     | 0.1    |
| Both       | 1       | 0.0     | 0.0    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 57  
 Record Date: Apr 2, 2015 4:55:51 PM  
 SOP: IsaacChaim  
 GUID: 7f5ab6cb-93c4-4d01-a068-5a59...

| Population | #Events | %Parent | FITC-A | FITC-A | Pacifi... | Pacifi... |
|------------|---------|---------|--------|--------|-----------|-----------|
|            |         |         | Mean   | Median | Mean      | Median    |
| Live Cells | 10,000  | 100.0   | 11     | 7      | 158       | 144       |
| Blue       | 5       | 0.1     | 210    | 53     | 2,194     | 1,098     |
| Green      | 17      | 0.2     | 1,941  | 447    | 559       | 165       |
| Both       | 1       | 0.0     | 868    | 868    | 6,644     | 6,644     |

# BD FACSDiva 8.0



Tube: 58

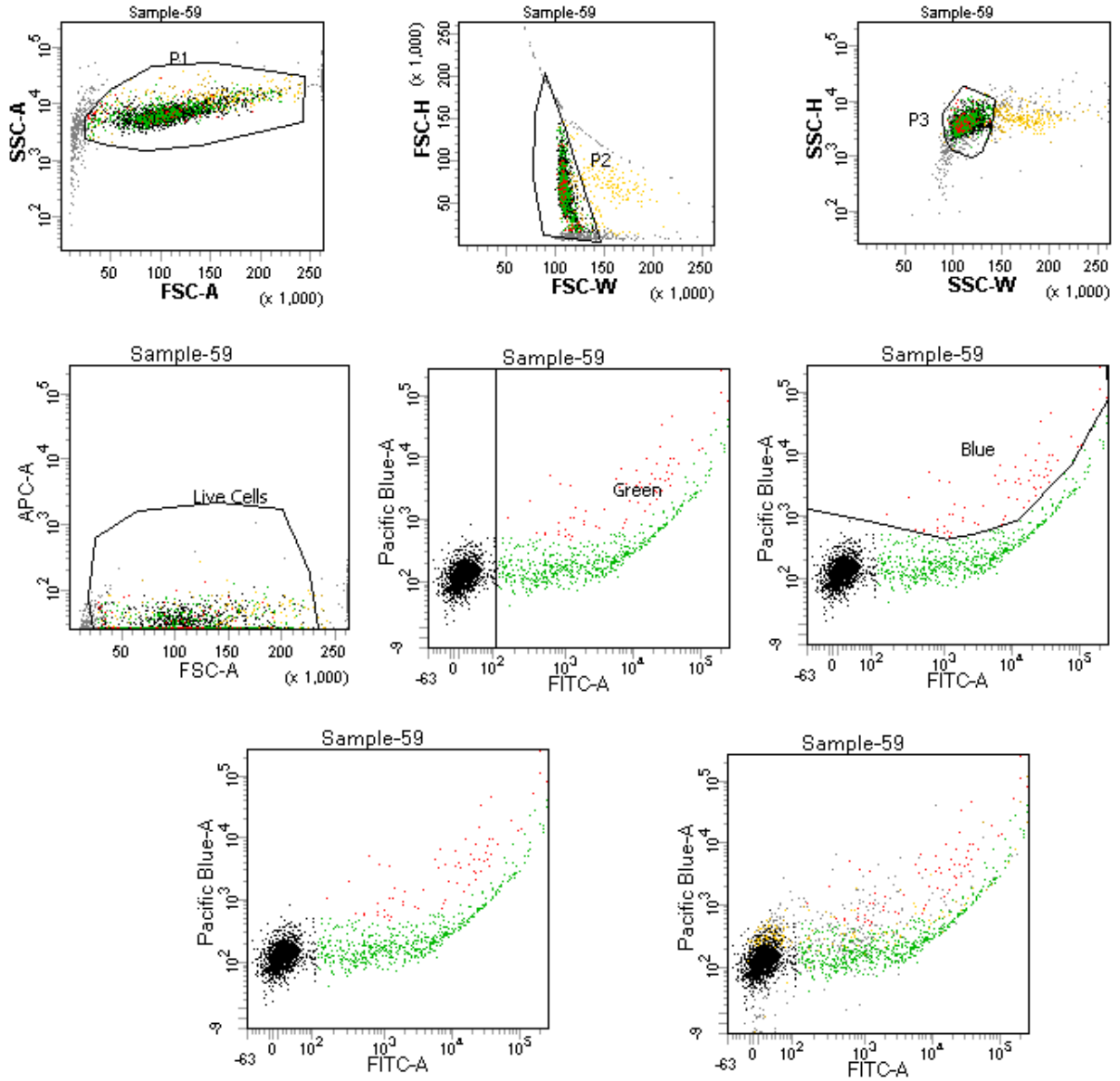
| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,478  | ####    | 100.0  |
| P1         | 10,701  | 93.2    | 93.2   |
| P2         | 10,178  | 95.1    | 88.7   |
| P3         | 10,001  | 98.3    | 87.1   |
| Live Cells | 10,000  | 100.0   | 87.1   |
| Blue       | 1       | 0.0     | 0.0    |
| Green      | 8       | 0.1     | 0.1    |
| Both       | 0       | 0.0     | 0.0    |

|                  |                                  |  |  |  |  |  |
|------------------|----------------------------------|--|--|--|--|--|
| Experiment Name: | 20-109 Lab 20150402              |  |  |  |  |  |
| Plate Name:      |                                  |  |  |  |  |  |
| Specimen Name:   | Sample                           |  |  |  |  |  |
| Tube Name:       | 58                               |  |  |  |  |  |
| Record Date:     | Apr 2, 2015 4:56:28 PM           |  |  |  |  |  |
| SOP:             | IsaacChaim                       |  |  |  |  |  |
| GUID:            | 4c089bfb-2af3-40fd-ba75-5a2e0... |  |  |  |  |  |

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 10,000  | 100.0   | 8           | 7             | 155             | 141               |
| Blue       | 1       | 0.0     | 72          | 72            | 880             | 880               |
| Green      | 8       | 0.1     | 1,167       | 1,387         | 214             | 238               |
| Both       | 0       | 0.0     | ####        | ####          | ####            | ####              |

BD FACSDiva 8.0

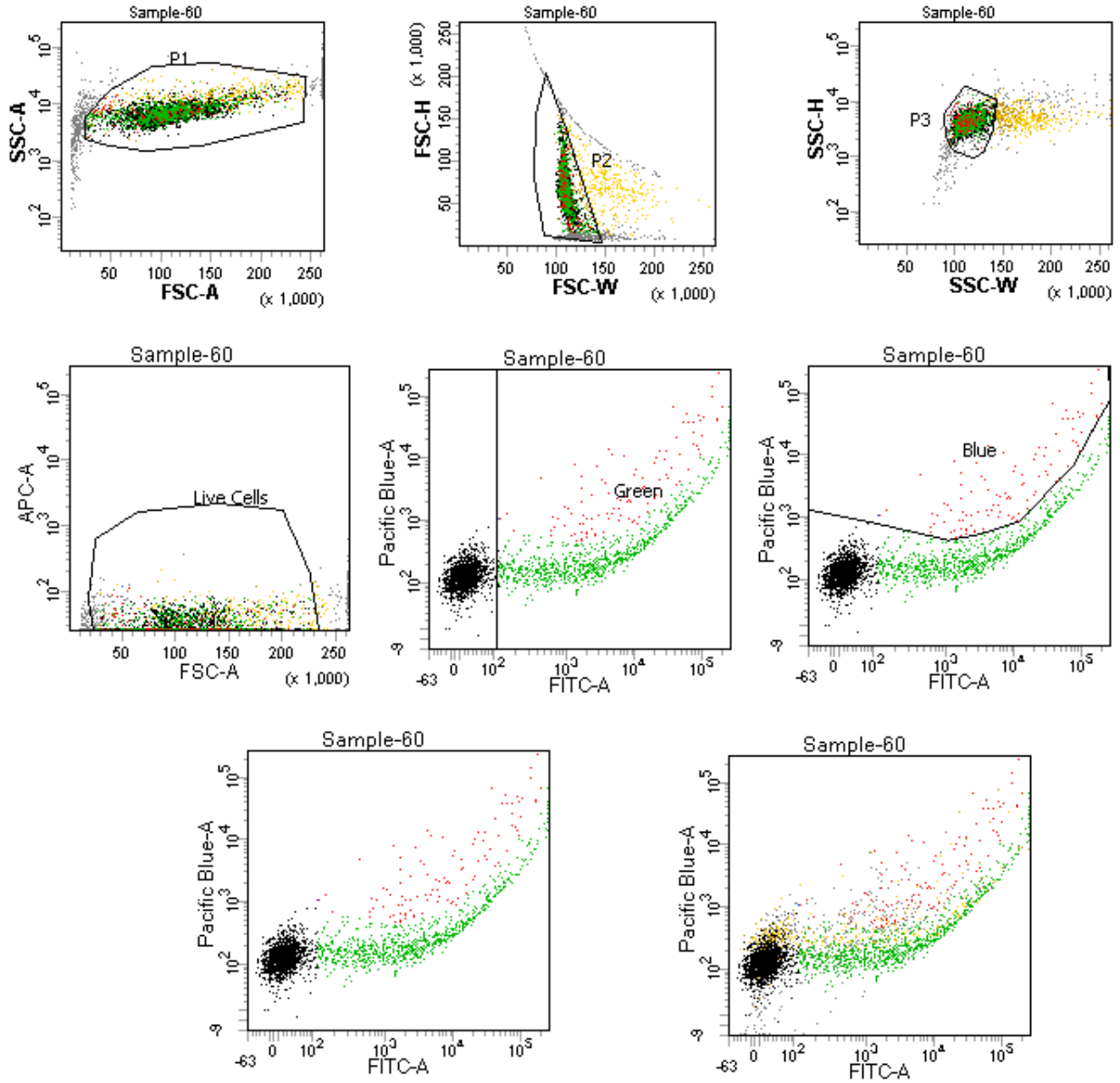


Tube: 59

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 2,858   | ####    | 100.0  |
| P1         | 2,425   | 84.8    | 84.8   |
| P2         | 2,255   | 93.0    | 78.9   |
| P3         | 2,177   | 96.5    | 76.2   |
| Live Cells | 2,175   | 99.9    | 76.1   |
| Blue       | 69      | 3.2     | 2.4    |
| Green      | 611     | 28.1    | 21.4   |
| Both       | 69      | 3.2     | 2.4    |

|                  |                                 |      |        |        |           |           |
|------------------|---------------------------------|------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402             |      |        |        |           |           |
| Plate Name:      |                                 |      |        |        |           |           |
| Specimen Name:   | Sample                          |      |        |        |           |           |
| Tube Name:       | 59                              |      |        |        |           |           |
| Record Date:     | Apr 2, 2015 4:57:16 PM          |      |        |        |           |           |
| SOP:             | IsaacChaim                      |      |        |        |           |           |
| GUID:            | 990a2ee7-5a2b-4289-9b10-5546... |      |        |        |           |           |
|                  |                                 |      | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                 |      | Mean   | Median | Mean      | Median    |
| Live Cells       | 2,175                           | 99.9 | 4,033  | 22     | 675       | 133       |
| Blue             | 69                              | 3.2  | 27,763 | 11,226 | 12,026    | 3,357     |
| Green            | 611                             | 28.1 | 14,321 | 1,900  | 2,067     | 215       |
| Both             | 69                              | 3.2  | 27,763 | 11,226 | 12,026    | 3,357     |

# BD FACSDiva 8.0



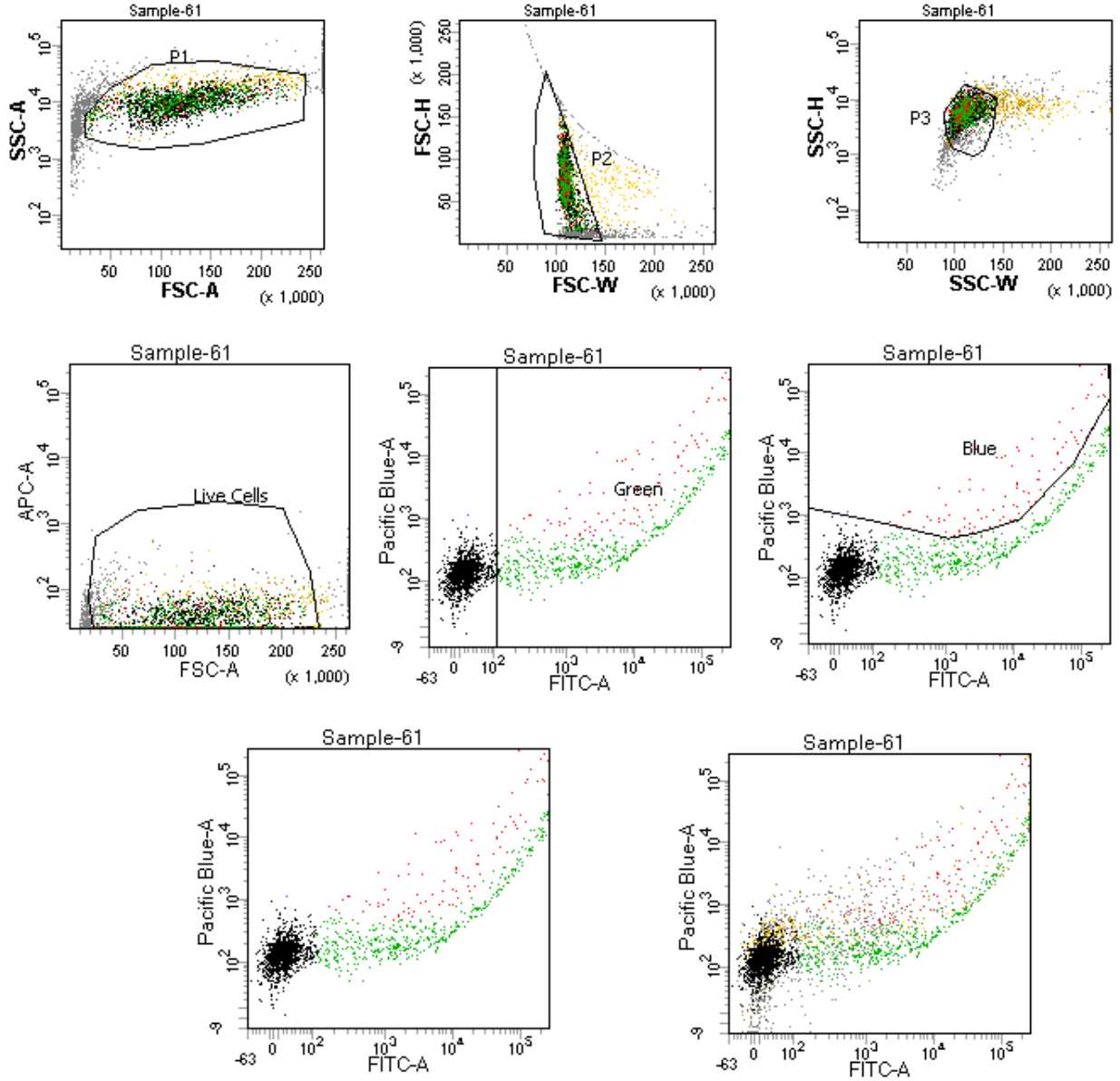
Tube: 60

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 3,628   | ####    | 100.0  |
| P1         | 3,120   | 86.0    | 86.0   |
| P2         | 2,824   | 90.5    | 77.8   |
| P3         | 2,697   | 95.5    | 74.3   |
| Live Cells | 2,695   | 99.9    | 74.3   |
| Blue       | 106     | 3.9     | 2.9    |
| Green      | 901     | 33.4    | 24.8   |
| Both       | 105     | 3.9     | 2.9    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 60  
 Record Date: Apr 2, 2015 4:57:58 PM  
 SOP: IsaacChaim  
 GUID: ca5a2ecc-bado-4d02-a714-22ab...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 2,695   | 99.9    | 5,717       | 31            | 907             | 143               |
| Blue       | 106     | 3.9     | 27,988      | 6,507         | 13,304          | 2,350             |
| Green      | 901     | 33.4    | 17,066      | 2,315         | 2,441           | 230               |
| Both       | 105     | 3.9     | 28,252      | 6,895         | 13,421          | 2,428             |

# BD FACSDiva 8.0



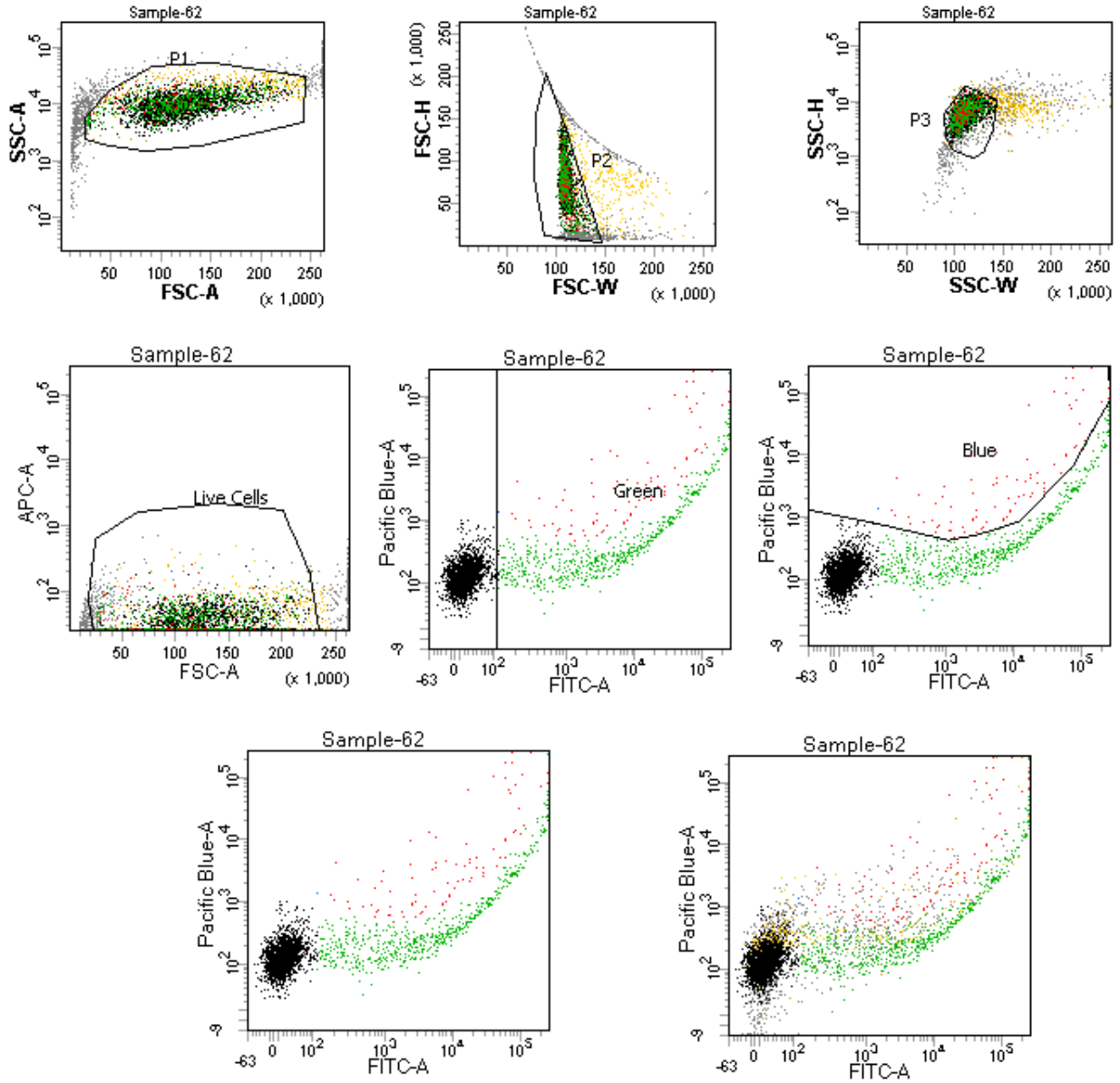
Tube: 61

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 3,143   | ####    | 100.0  |
| P1         | 2,250   | 71.6    | 71.6   |
| P2         | 2,067   | 91.9    | 65.8   |
| P3         | 1,929   | 93.3    | 61.4   |
| Live Cells | 1,924   | 99.7    | 61.2   |
| Blue       | 91      | 4.7     | 2.9    |
| Green      | 550     | 28.6    | 17.5   |
| Both       | 90      | 4.7     | 2.9    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 61  
 Record Date: Apr 2, 2015 4:58:46 PM  
 SOP: IsaacChaim  
 GUID: 2213157e-9c1a-490b-aeb7-d3c0...

| Population | #Events | %Parent | FITC-A Mean | FITC-A Median | Pacific... Mean | Pacific... Median |
|------------|---------|---------|-------------|---------------|-----------------|-------------------|
| Live Cells | 1,924   | 99.7    | 8,280       | 27            | 1,511           | 149               |
| Blue       | 91      | 4.7     | 37,469      | 9,683         | 20,721          | 2,525             |
| Green      | 550     | 28.6    | 28,923      | 2,525         | 4,921           | 309               |
| Both       | 90      | 4.7     | 37,885      | 10,155        | 20,939          | 2,527             |

# BD FACSDiva 8.0



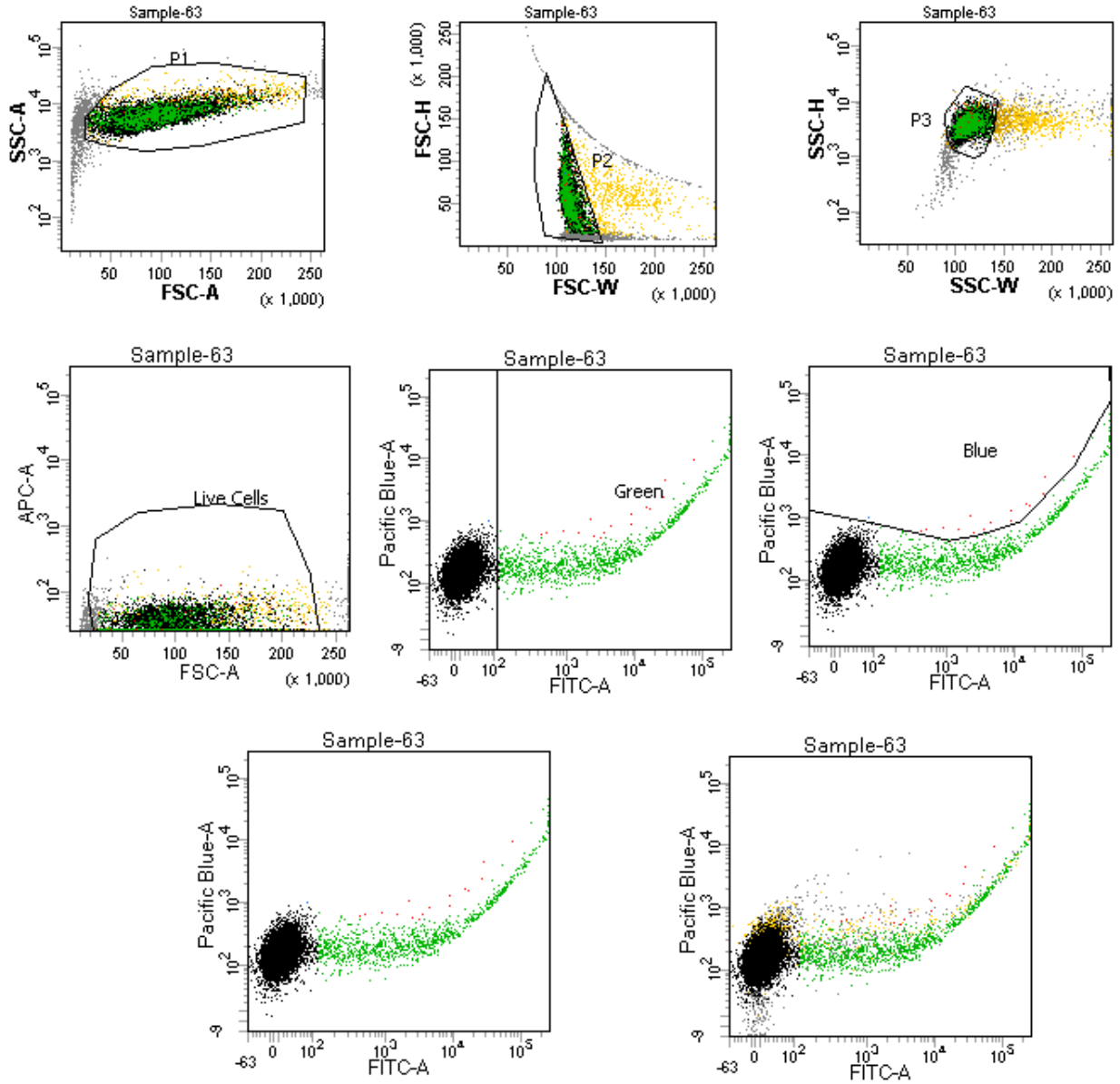
Tube: 62

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 3,920   | ####    | 100.0  |
| P1         | 3,050   | 77.8    | 77.8   |
| P2         | 2,811   | 92.2    | 71.7   |
| P3         | 2,892   | 95.8    | 68.7   |
| Live Cells | 2,881   | 99.6    | 68.4   |
| Blue       | 87      | 3.2     | 2.2    |
| Green      | 645     | 24.1    | 16.5   |
| Both       | 86      | 3.2     | 2.2    |

Experiment Name: 20-109 Lab 20150402  
 Plate Name:  
 Specimen Name: Sample  
 Tube Name: 62  
 Record Date: Apr 2, 2015 4:59:35 PM  
 SOP: IsaacChaim  
 GUID: ea27cada-e8f0-4047-a9fe-107ba...

| Population | #Events | %Parent | FITC-A | FITC-A | Pacifi... | Pacifi... |
|------------|---------|---------|--------|--------|-----------|-----------|
|            |         |         | Mean   | Median | Mean      | Median    |
| Live Cells | 2,881   | 99.6    | 6,912  | 24     | 1,399     | 141       |
| Blue       | 87      | 3.2     | 33,934 | 8,187  | 24,139    | 3,075     |
| Green      | 645     | 24.1    | 28,676 | 3,696  | 5,356     | 310       |
| Both       | 86      | 3.2     | 34,327 | 8,323  | 24,404    | 3,121     |

# BD FACSDiva 8.0



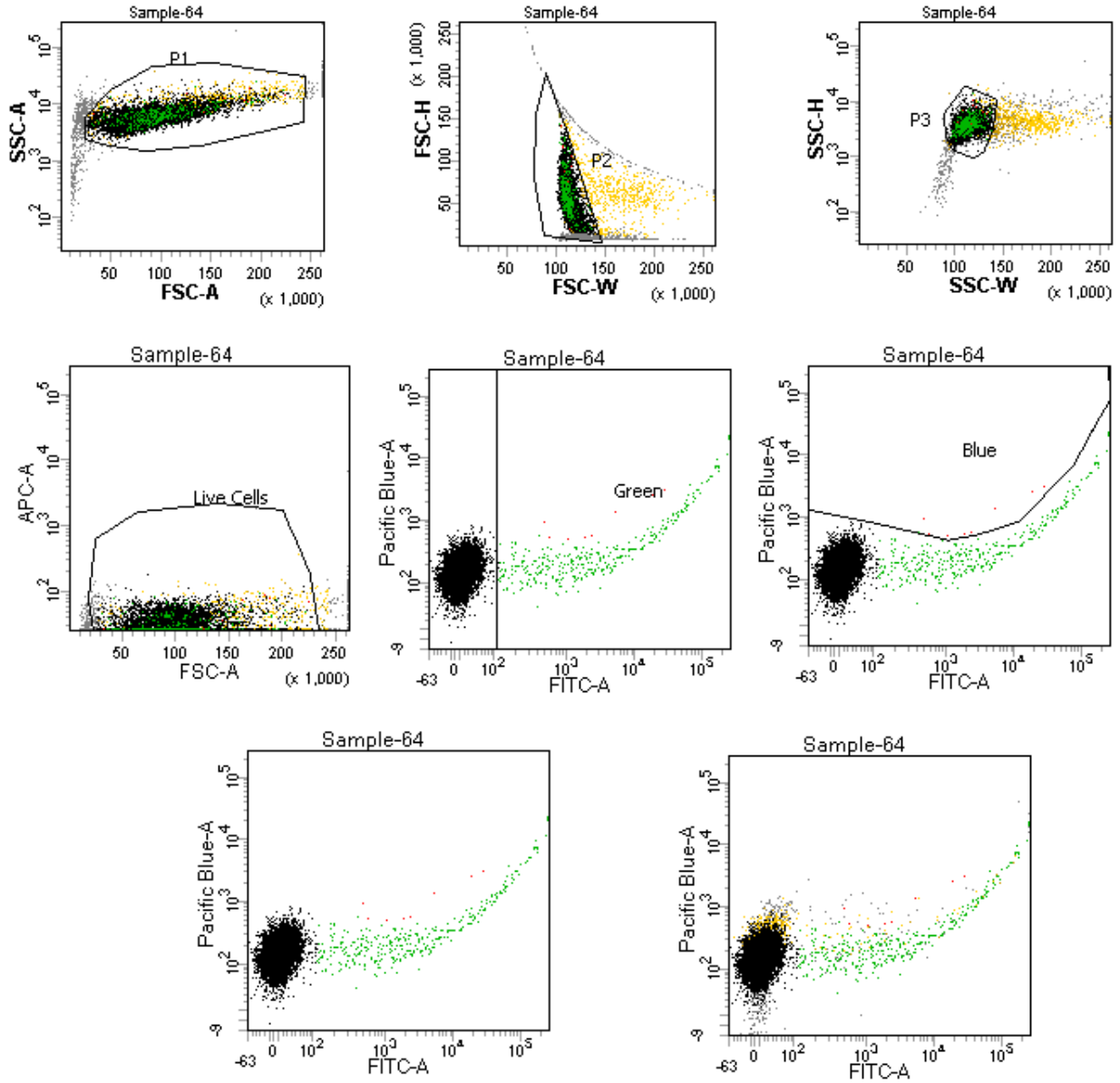
Tube: 63

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,888  | ####    | 100.0  |
| P1         | 10,850  | 91.3    | 91.3   |
| P2         | 10,193  | 93.9    | 85.7   |
| P3         | 10,009  | 98.2    | 84.2   |
| Live Cells | 10,000  | 99.9    | 84.1   |
| Blue       | 18      | 0.2     | 0.2    |
| Green      | 985     | 9.8     | 8.3    |
| Both       | 17      | 0.2     | 0.1    |

|                  |                                 |      |        |        |           |           |
|------------------|---------------------------------|------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402             |      |        |        |           |           |
| Plate Name:      |                                 |      |        |        |           |           |
| Specimen Name:   | Sample                          |      |        |        |           |           |
| Tube Name:       | 63                              |      |        |        |           |           |
| Record Date:     | Apr 2, 2015 5:00:18 PM          |      |        |        |           |           |
| SOP:             | IsaacChaim                      |      |        |        |           |           |
| GUID:            | 31384e88-3dca-42fa-a387-c9e1... |      |        |        |           |           |
|                  |                                 |      | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                 |      | Mean   | Median | Mean      | Median    |
| █ Live Cells     | 10,000                          | 99.9 | 1,770  | 14     | 251       | 156       |
| █ Blue           | 18                              | 0.2  | 11,017 | 3,203  | 1,637     | 819       |
| █ Green          | 985                             | 9.9  | 17,862 | 1,944  | 1,025     | 235       |
| █ Both           | 17                              | 0.2  | 11,661 | 3,410  | 1,677     | 792       |



BD FACSDiva 8.0



Tube: 64

| Population | #Events | %Parent | %Total |
|------------|---------|---------|--------|
| All Events | 11,366  | ####    | 100.0  |
| P1         | 10,894  | 94.1    | 94.1   |
| P2         | 10,149  | 94.9    | 89.3   |
| P3         | 10,006  | 98.6    | 88.0   |
| Live Cells | 10,000  | 99.9    | 88.0   |
| Blue       | 8       | 0.1     | 0.1    |
| Green      | 338     | 3.4     | 3.0    |
| Both       | 8       | 0.1     | 0.1    |

|                  |                                  |      |        |        |           |           |
|------------------|----------------------------------|------|--------|--------|-----------|-----------|
| Experiment Name: | 20-109 Lab 20150402              |      |        |        |           |           |
| Plate Name:      |                                  |      |        |        |           |           |
| Specimen Name:   | Sample                           |      |        |        |           |           |
| Tube Name:       | 64                               |      |        |        |           |           |
| Record Date:     | Apr 2, 2015 5:00:51 PM           |      |        |        |           |           |
| SOP:             | IsaacChaim                       |      |        |        |           |           |
| GUID:            | 38fd950d-68e6-4a1d-8d70-75cef... |      |        |        |           |           |
|                  |                                  |      | FITC-A | FITC-A | Pacifi... | Pacifi... |
|                  |                                  |      | Mean   | Median | Mean      | Median    |
| Live Cells       | 10,000                           | 99.9 | 602    | 9      | 184       | 148       |
| Blue             | 8                                | 0.1  | 7,216  | 2,062  | 1,243     | 733       |
| Green            | 338                              | 3.4  | 17,557 | 1,620  | 851       | 237       |
| Both             | 8                                | 0.1  | 7,216  | 2,062  | 1,243     | 733       |