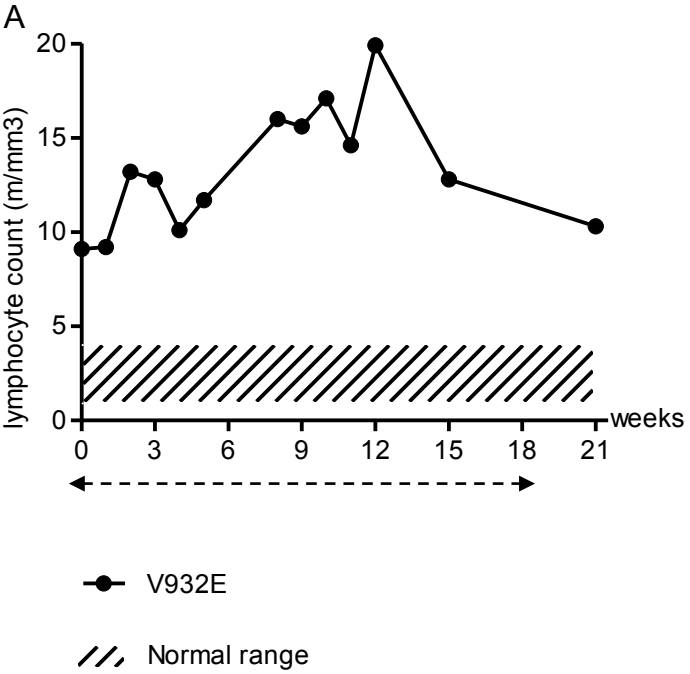
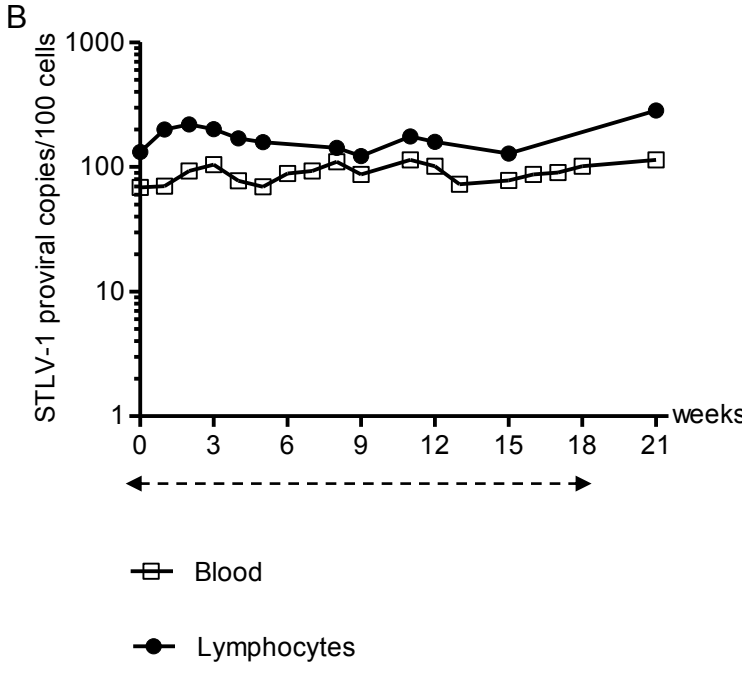
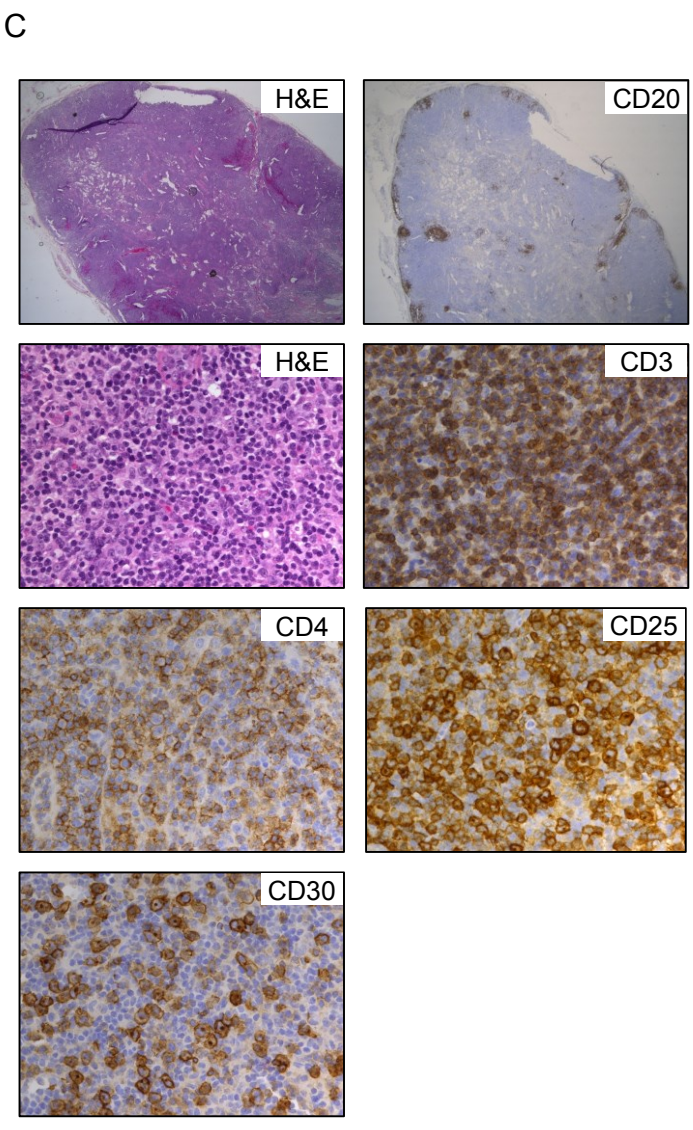

A
lymphocyte count (m/mm3)
20
15
10
5
0
0 3 6 9 12 15 18 21
weeks
V932E
Normal range


B
STLV-1 proviral copies/100 cells
1000
100
10
1
0 3 6 9 12 15 18 21
weeks
Blood
Lymphocytes


C
H&E
CD20
H&E
CD3
CD4
CD25
CD30

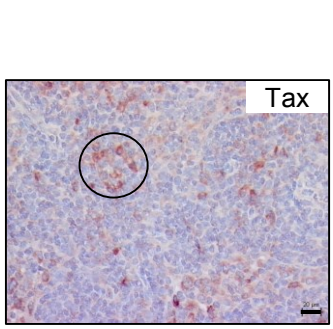

D
Tax

Figure 1

A

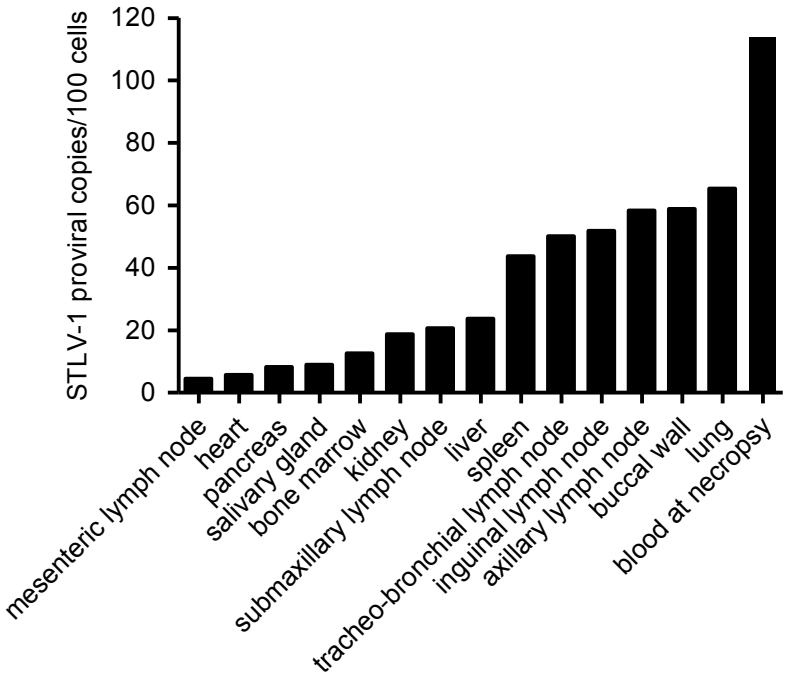
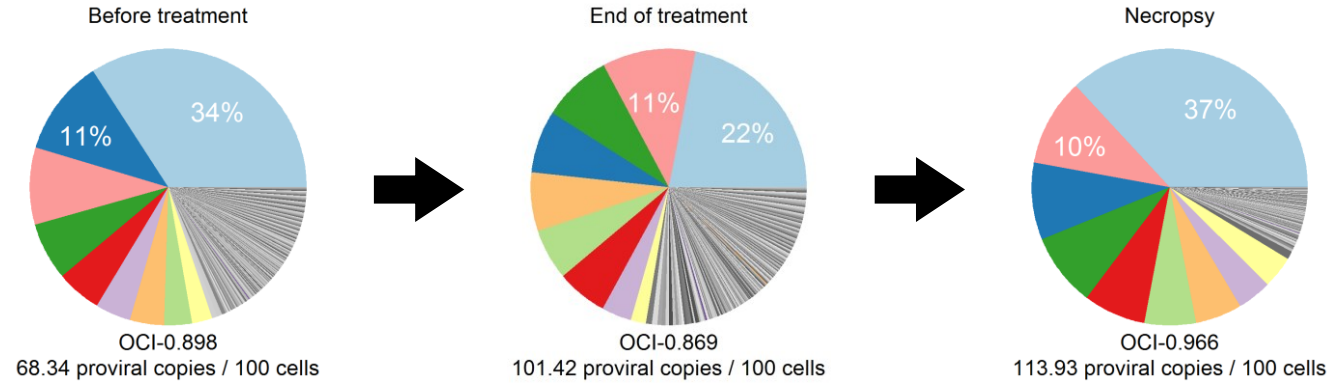
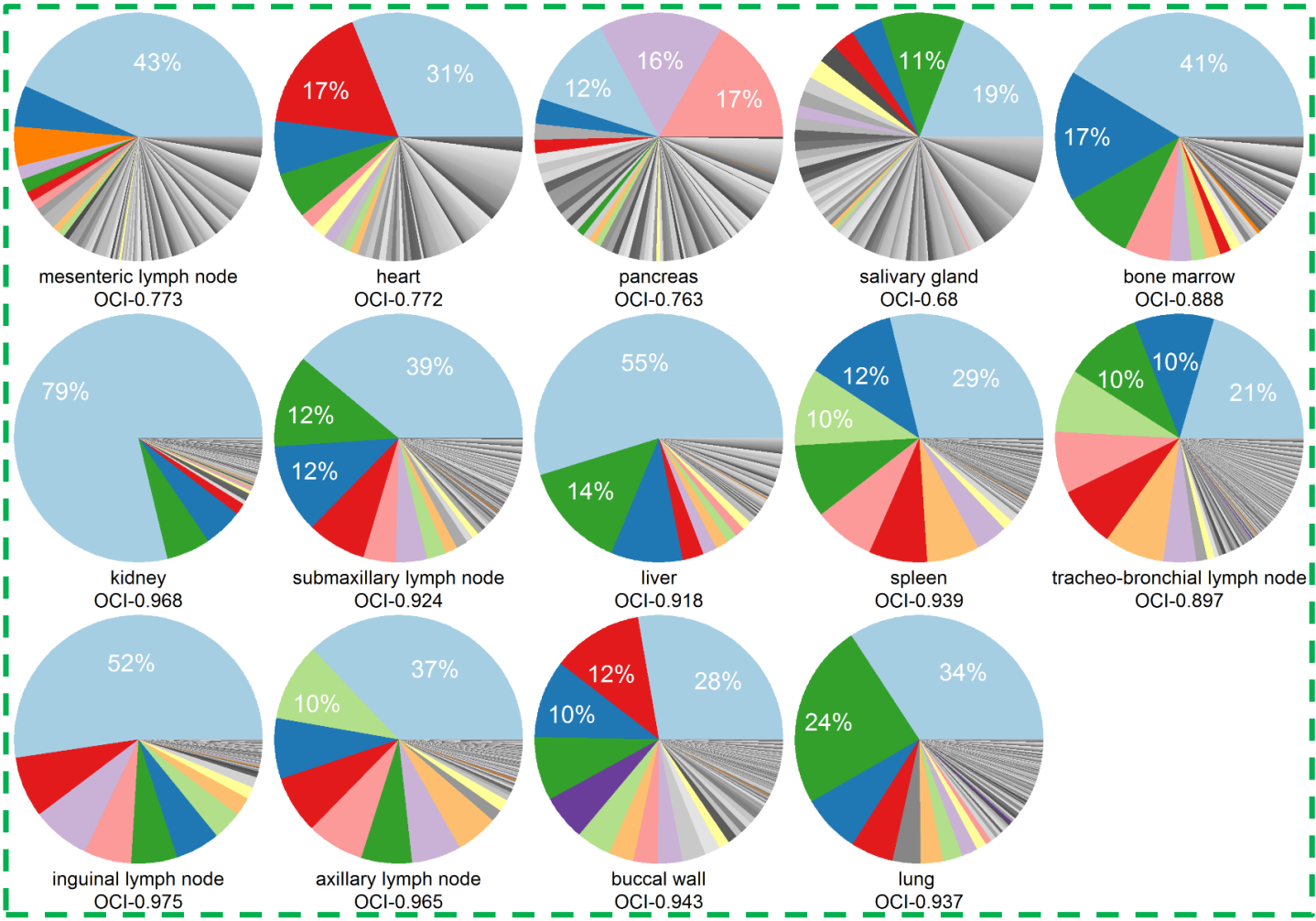

STLV-1 proviral copies/100 cells
120
100
80
60
40
20
0
mesenteric lymph node
heart
pancreas
salivary gland
bone marrow
kidney
submaxillary lymph node
liver
spleen
tracheo-bronchial lymph node
inguinal lymph node
axillary lymph node
buccal wall
lung
blood at necropsy

Figure 2

B


Before treatment
34%
11%
OCI-0.898
68.34 proviral copies / 100 cells
End of treatment
11%
22%
OCI-0.869
101.42 proviral copies / 100 cells
Necropsy
37%
10%
OCI-0.966
113.93 proviral copies / 100 cells

C


43%
mesenteric lymph node
OCI-0.773
17%
31%
heart
OCI-0.772
12%
16%
17%
pancreas
OCI-0.763
11%
19%
salivary gland
OCI-0.68
41%
17%
bone marrow
OCI-0.888
79%
kidney
OCI-0.968
39%
12%
12%
submaxillary lymph node
OCI-0.924
55%
14%
liver
OCI-0.918
12%
29%
10%
spleen
OCI-0.939
10%
10%
21%
tracheo-bronchial lymph node
OCI-0.897
52%
inguinal lymph node
OCI-0.975
37%
10%
axillary lymph node
OCI-0.965
12%
28%
10%
buccal wall
OCI-0.943
34%
24%
lung
OCI-0.937

D

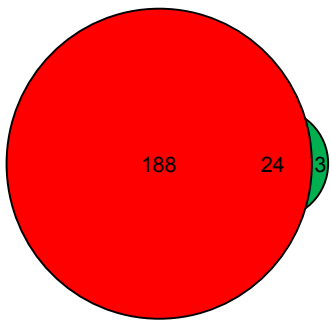

188
24
3

Figure 2

A

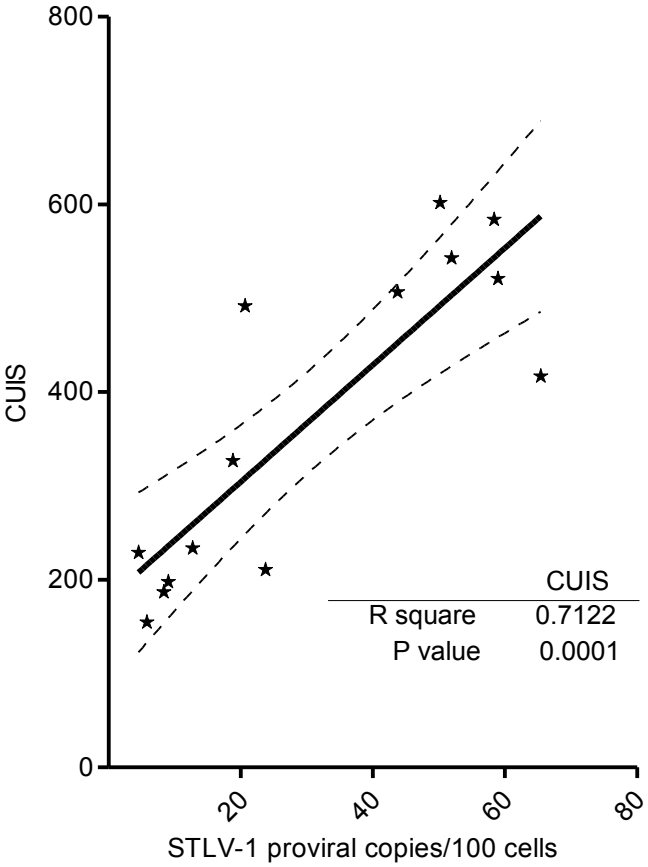

800
600
400
200
0
CUIS
20
40
60
80
STLV-1 proviral copies/100 cells
CUIS
R square 0.7122
P value 0.0001

Figure 3

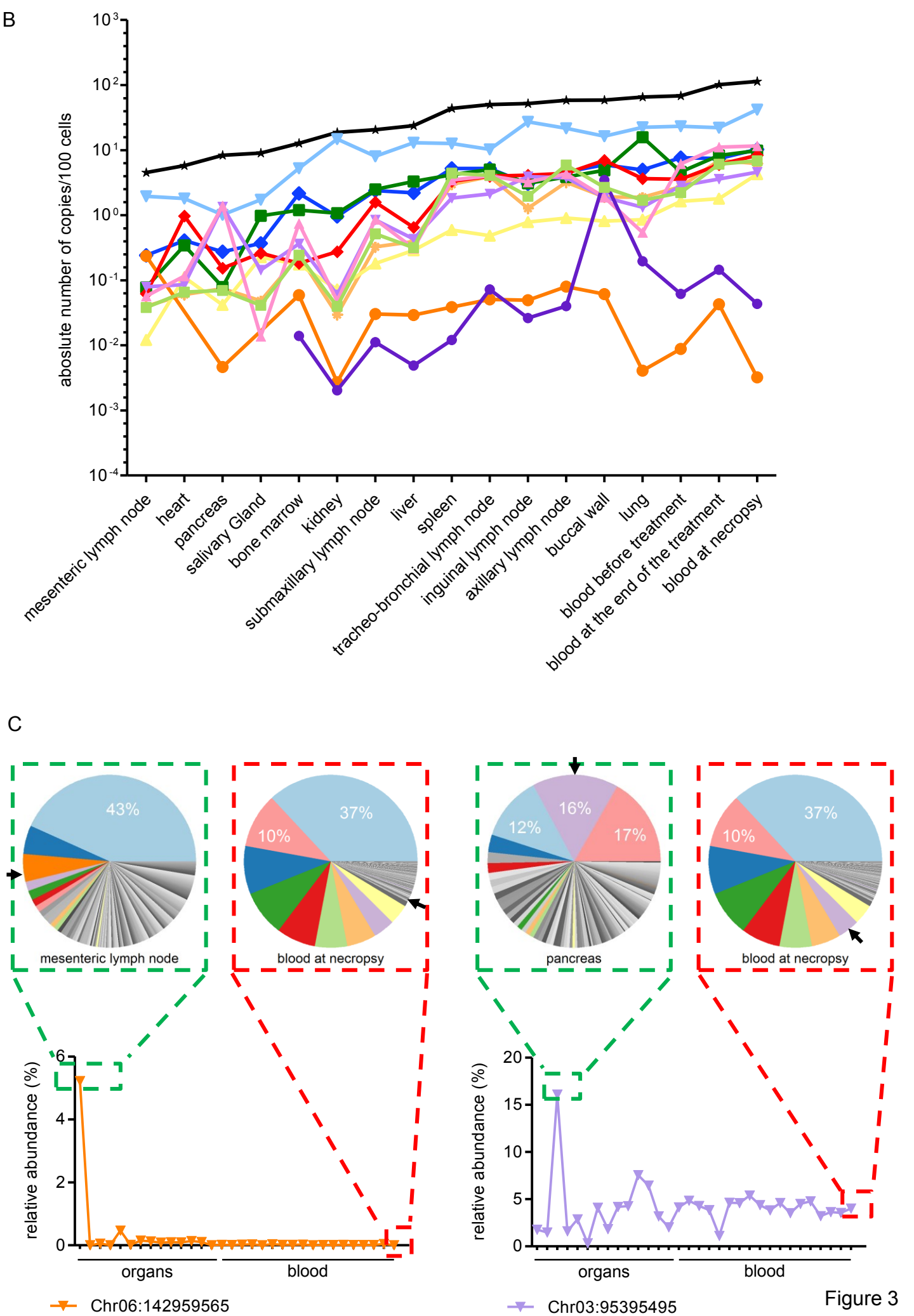

B
aboslute number of copies/100 cells
mesenteric lymph node
heart
pancreas
salivary Gland
bone marrow
kidney
submaxillary lymph node
liver
spleen
tracheo-bronchial lymph node
inguinal lymph node
axillary lymph node
buccal wall
lung
blood before treatment
blood at the end of the treatment
blood at necropsy
C
43%
mesenteric lymph node
37%
10%
blood at necropsy
16%
12%
17%
pancreas
37%
10%
blood at necropsy
relative abundance (%)
organs
blood
Chr06:142959565
Chr03:95395495

Figure 3

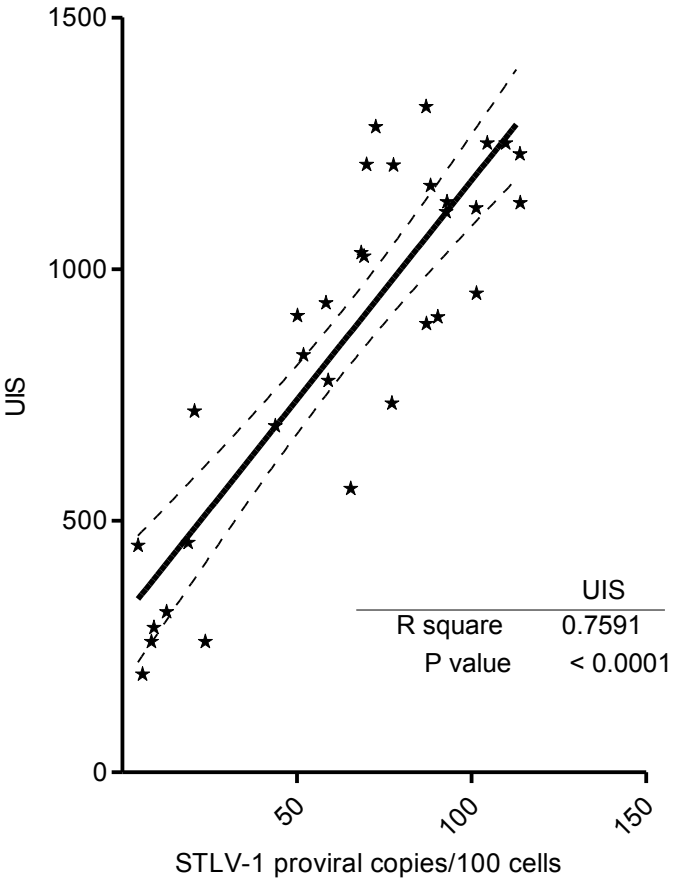
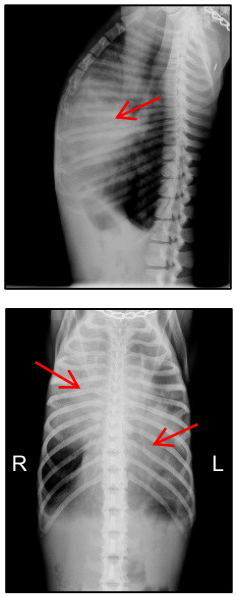

1500
1000
500
0
UIS
50
100
150
STLV-1 proviral copies/100 cells
UIS
R square 0.7591
P value < 0.0001

Figure 4

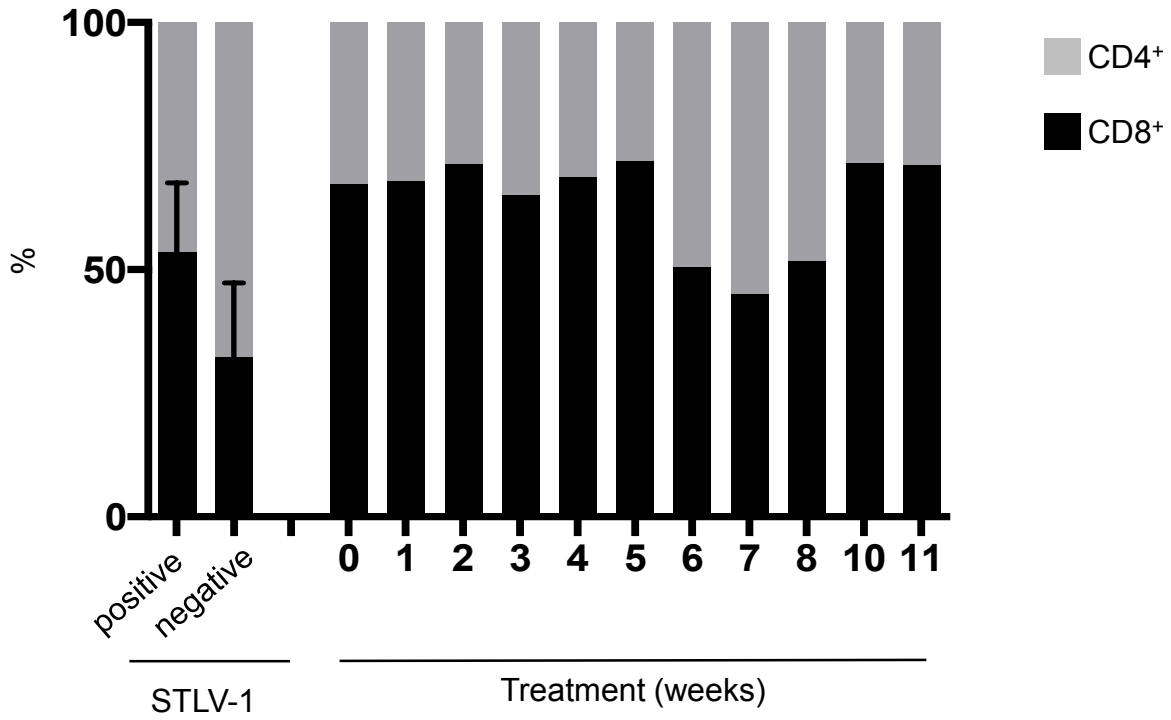
A



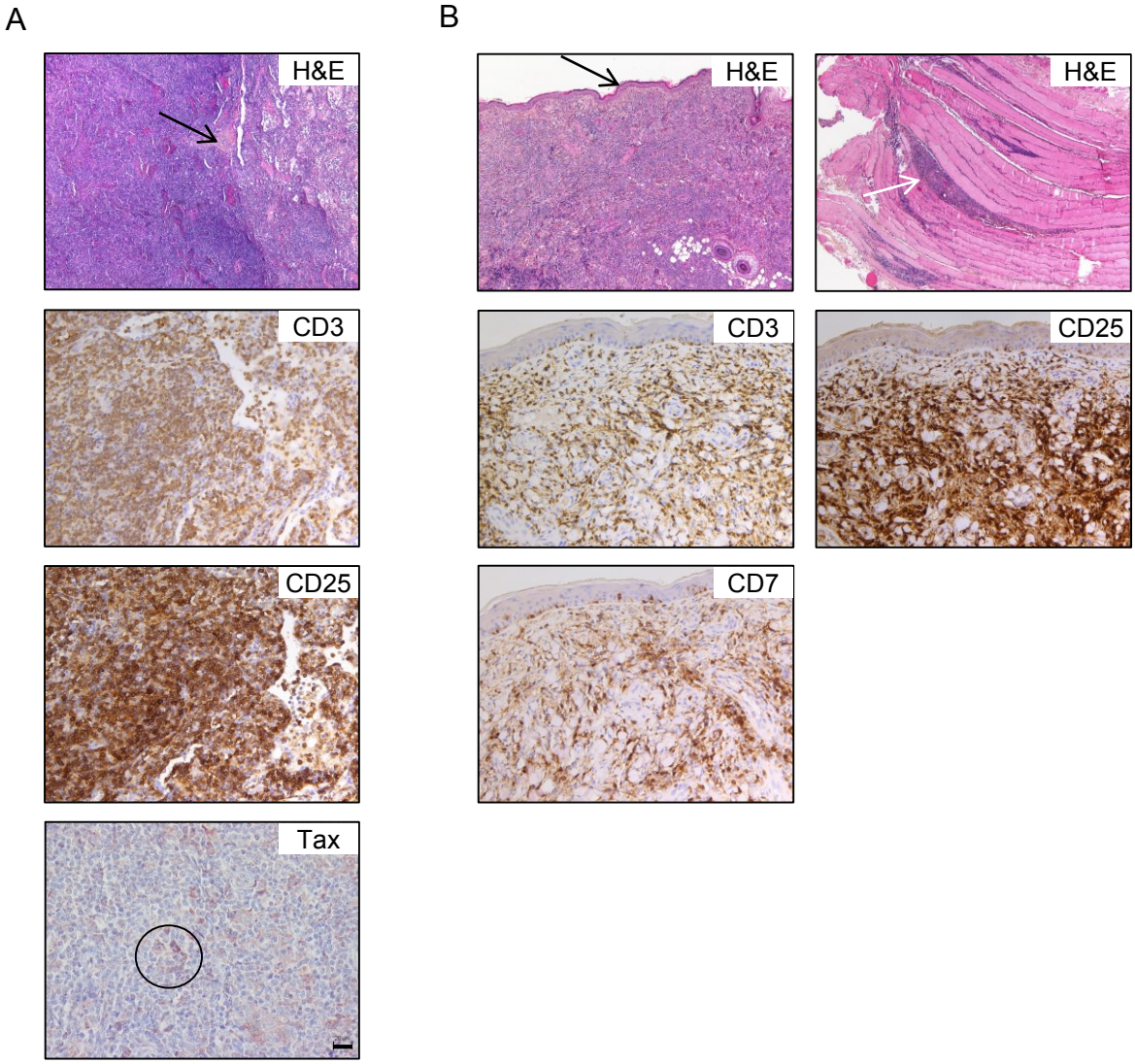

B



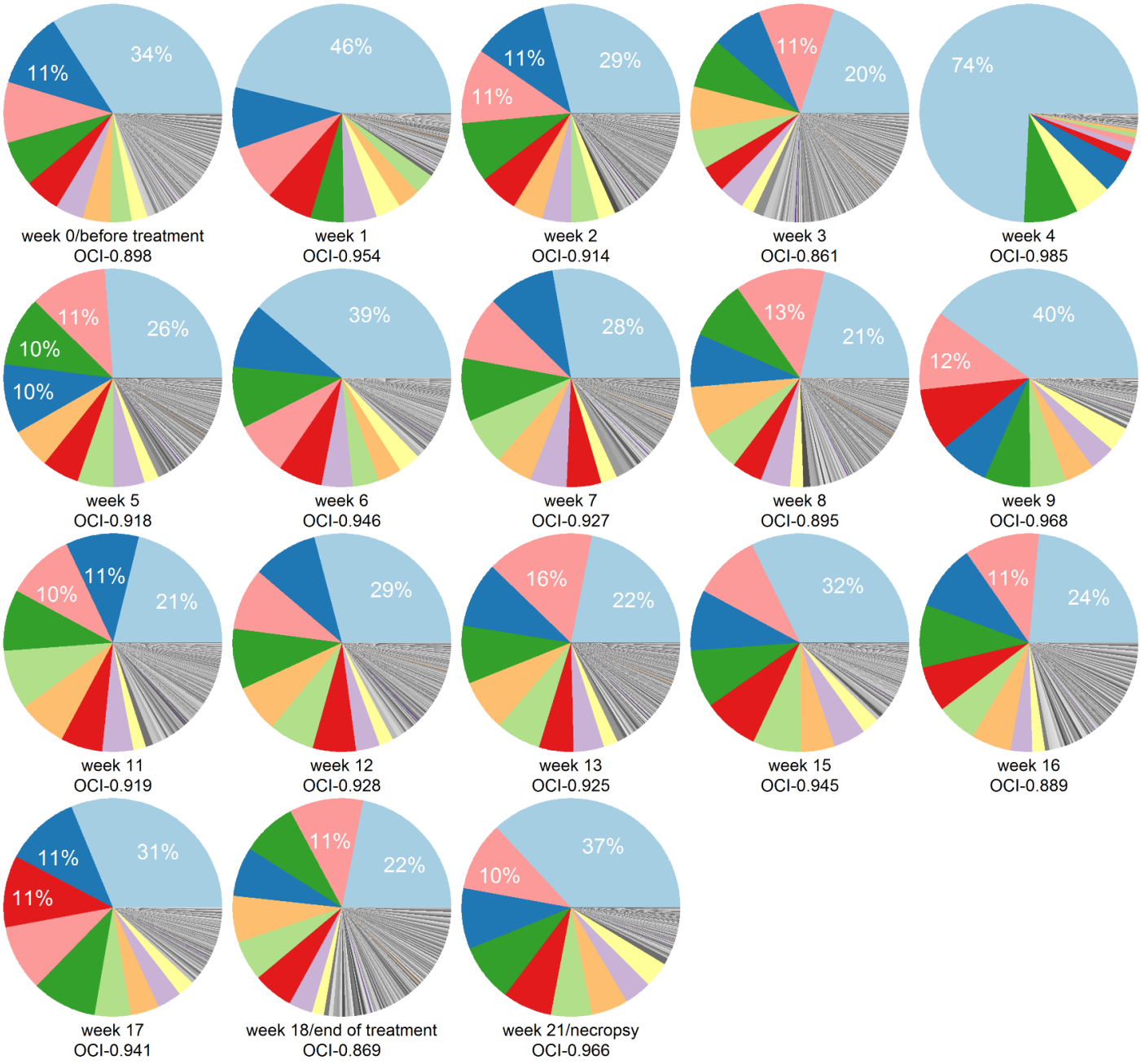
Supplemental Figure 1



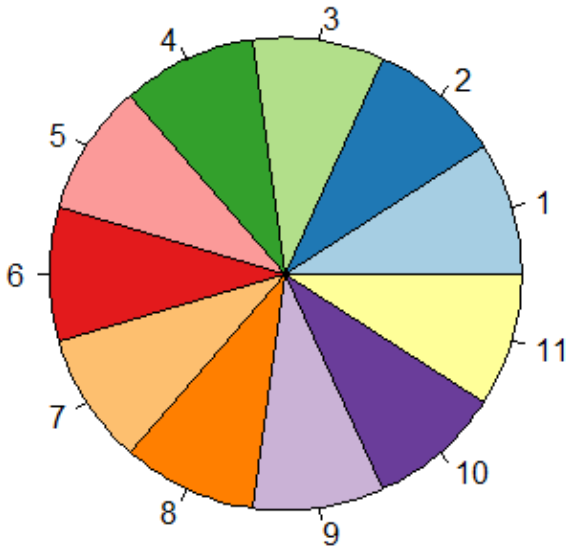

Supplemental Figure 2




Supplemental Figure 3




Supplemental Figure 4




| Color | CloneID |
|---|---|
| 1 | Chr11:64375775 |
| 2 | Chr14:117196376 |
| 3 | Chr01:181583452 |
| 4 | Chr01:200345328 |
| 5 | Chr03:66528812 |
| 6 | Chr04:126309785 |
| 7 | Chr18:54854958 |
| 8 | Chr06:142959565 |
| 9 | Chr03:95395495 |
| 10 | Chr02:82148417 |
| 11 | Chr01:214778801 |

Supplemental Figure 5

| Name | Target | Step | Sequence (5'->3') |
|---|---|---|---|
| Bio3 | LTR | LM-PCR | CCTTTCATTCACGACTGACTGCCG |
| S1B5 | LTR | | AATGATACGGCGACCACCGAGATCTACACTGGCTCGGAGCCAGCGACAGCCTAT |
| Bio4 | Linker | | TCATGATCAATGGGACGATCA |
| P7 | Linker | | CAAGCAGAAGACGGCATACGA |
| S1.PA | LTR | Sequencing Primers : read1 | CAGCCTATTCTATAGCACTCTCCAGGAGAGAAATTTAGT |
| SBS8rev | Linker | Sequencing Primers : Index read | AGATCGGAAGAGCGGTTCAGCAGGAATGCCGAGACCG |
| SBS8+T | Linker | Sequencing Primers : Read 2 | CGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATCT |

Supplemental table 1