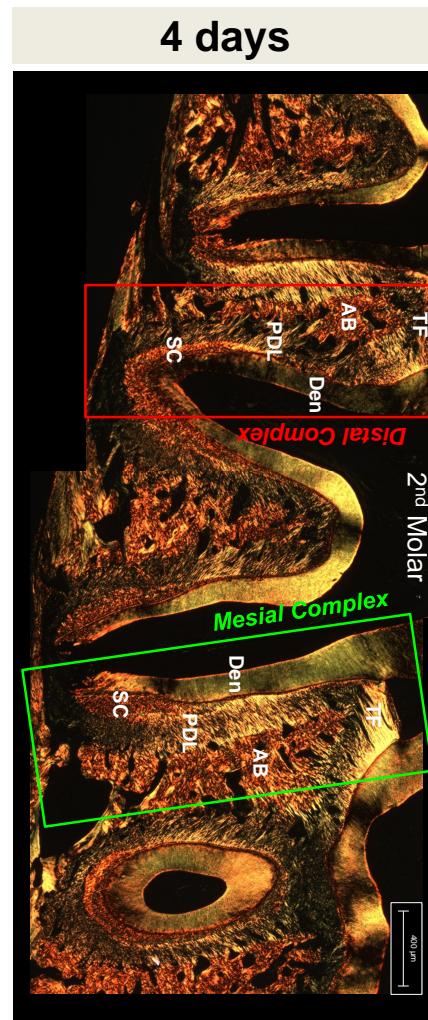
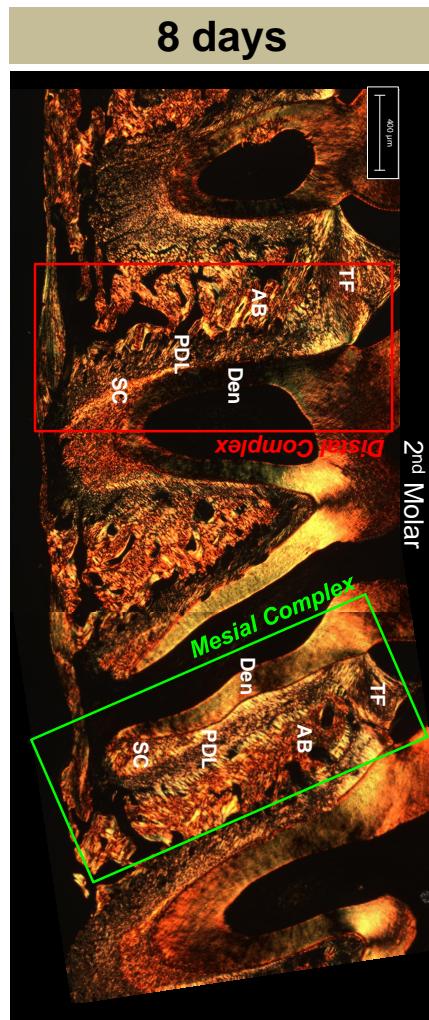
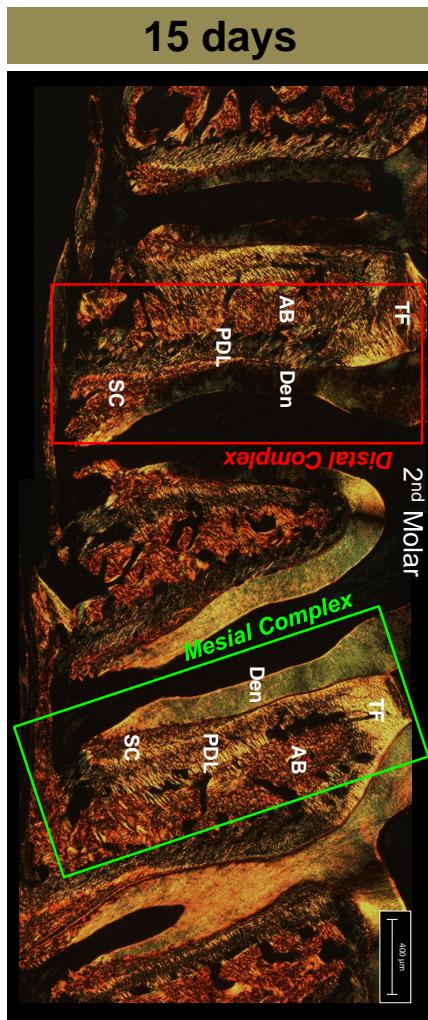
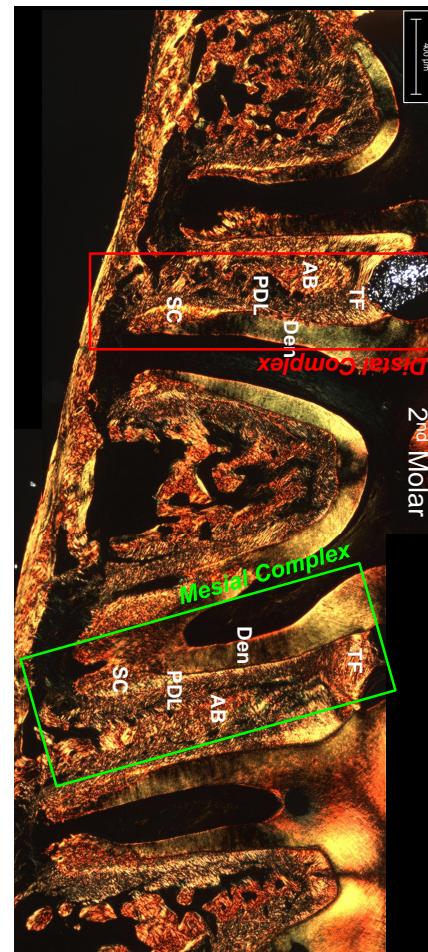
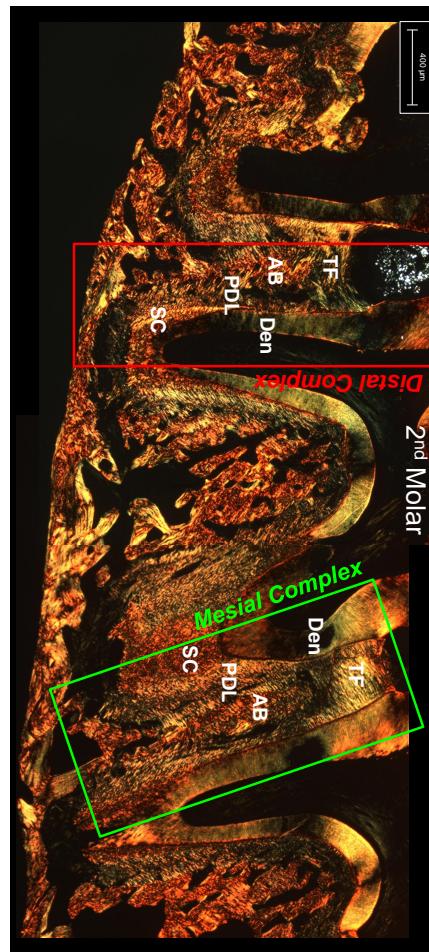
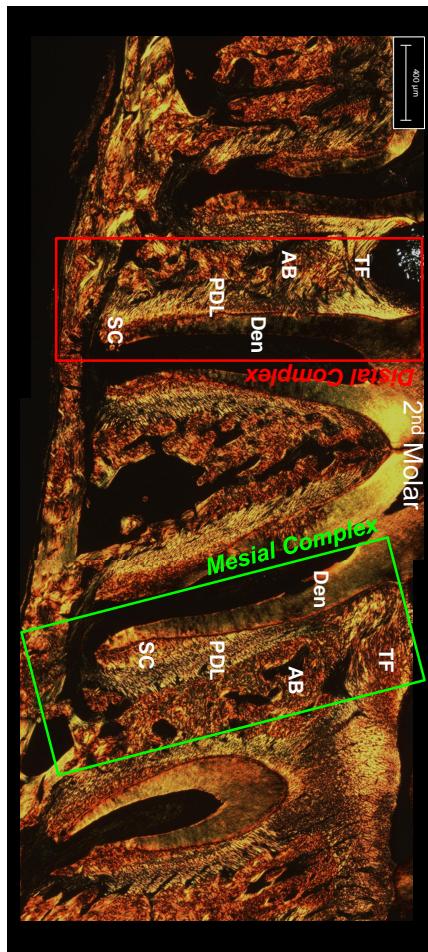


Supplemental Figure 1

Control

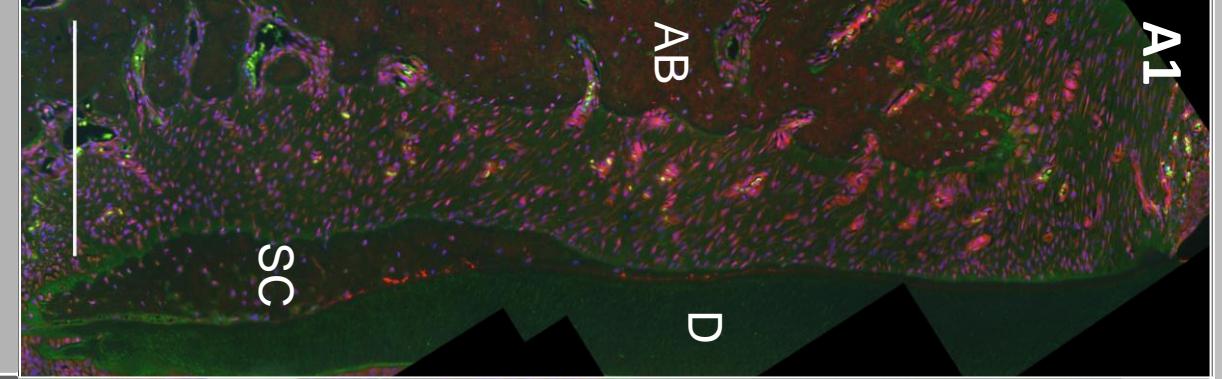


Treated



Supplemental Figure 2

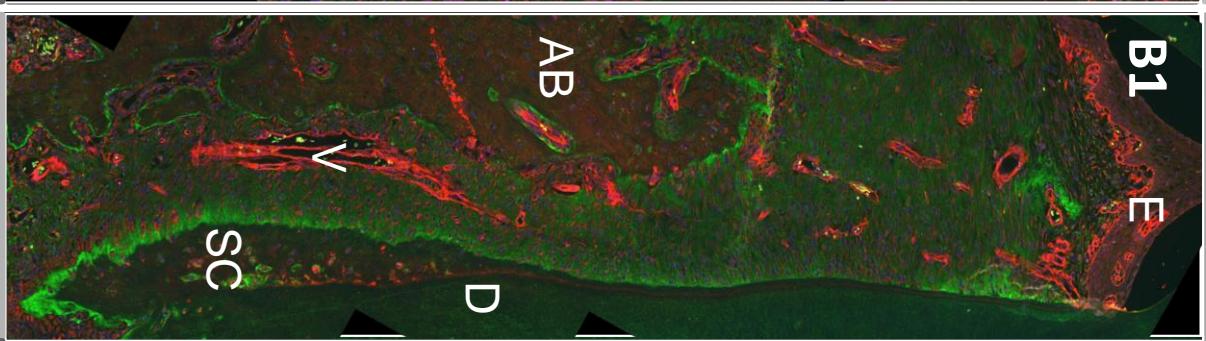
4 Days Control



Mesial

Distal

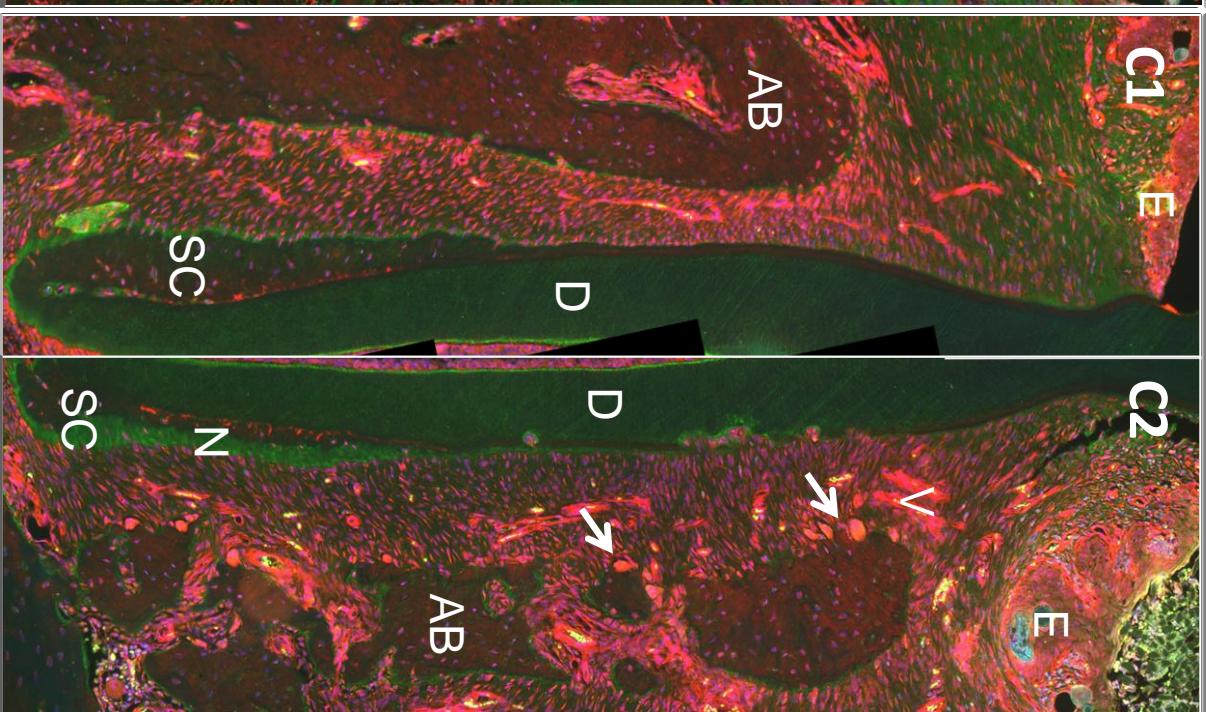
8 Days Ligated



Mesial

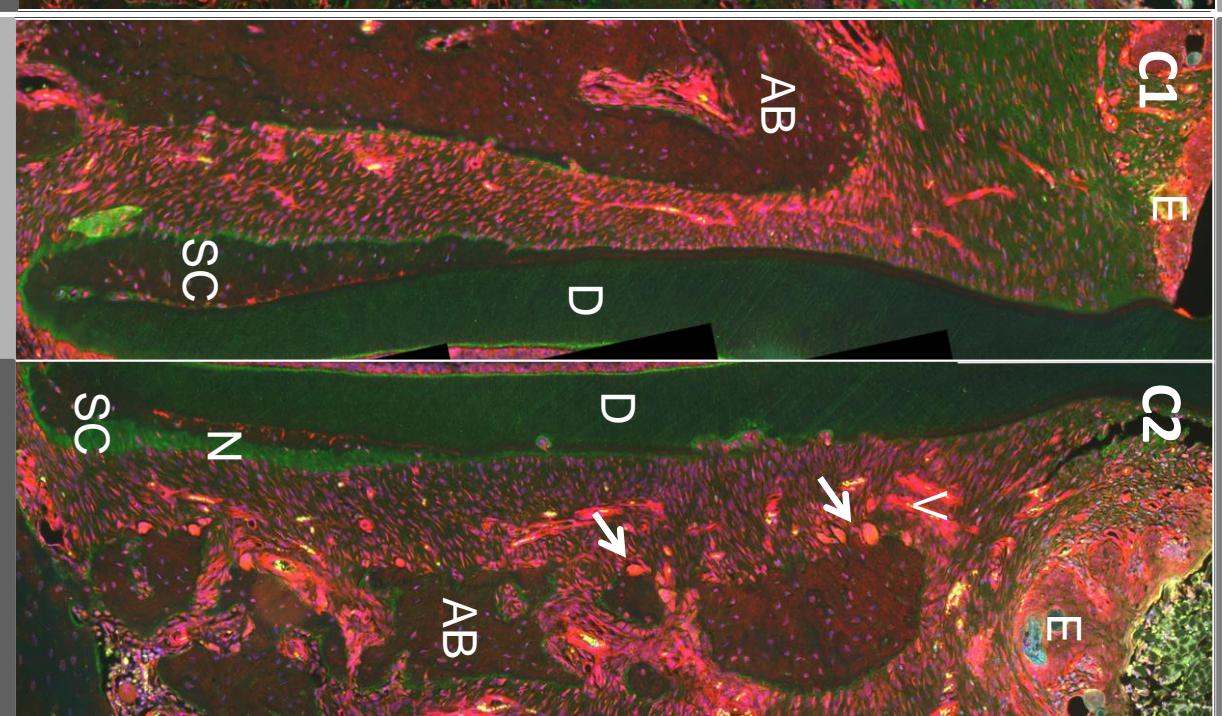
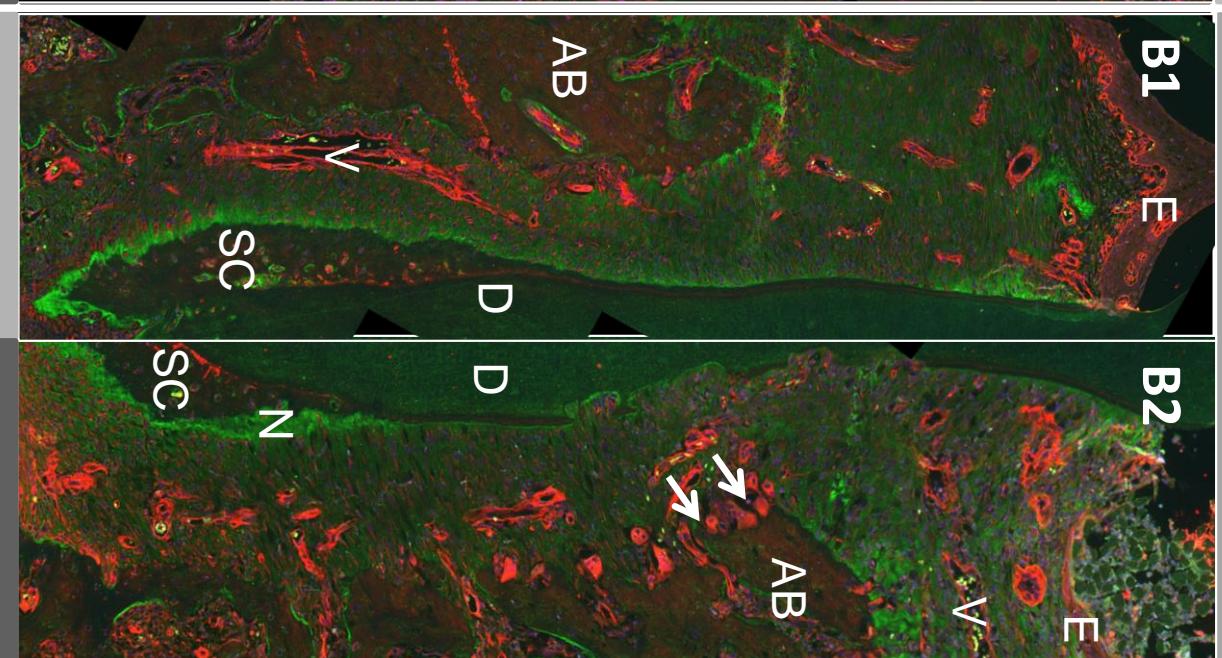
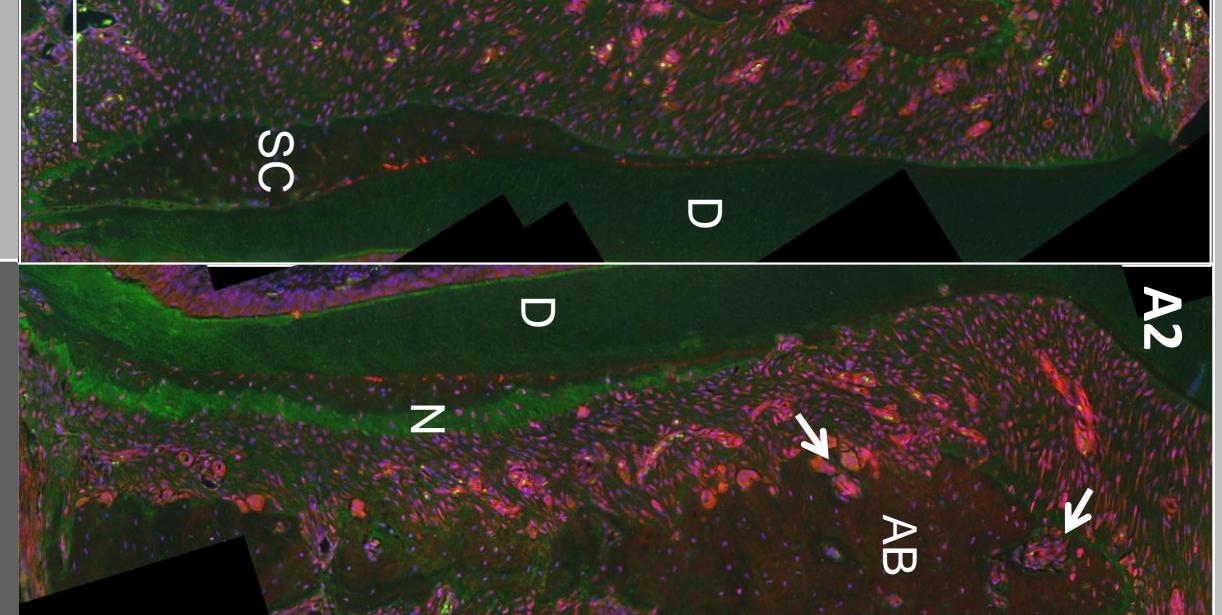
Distal

15 Days Ligated



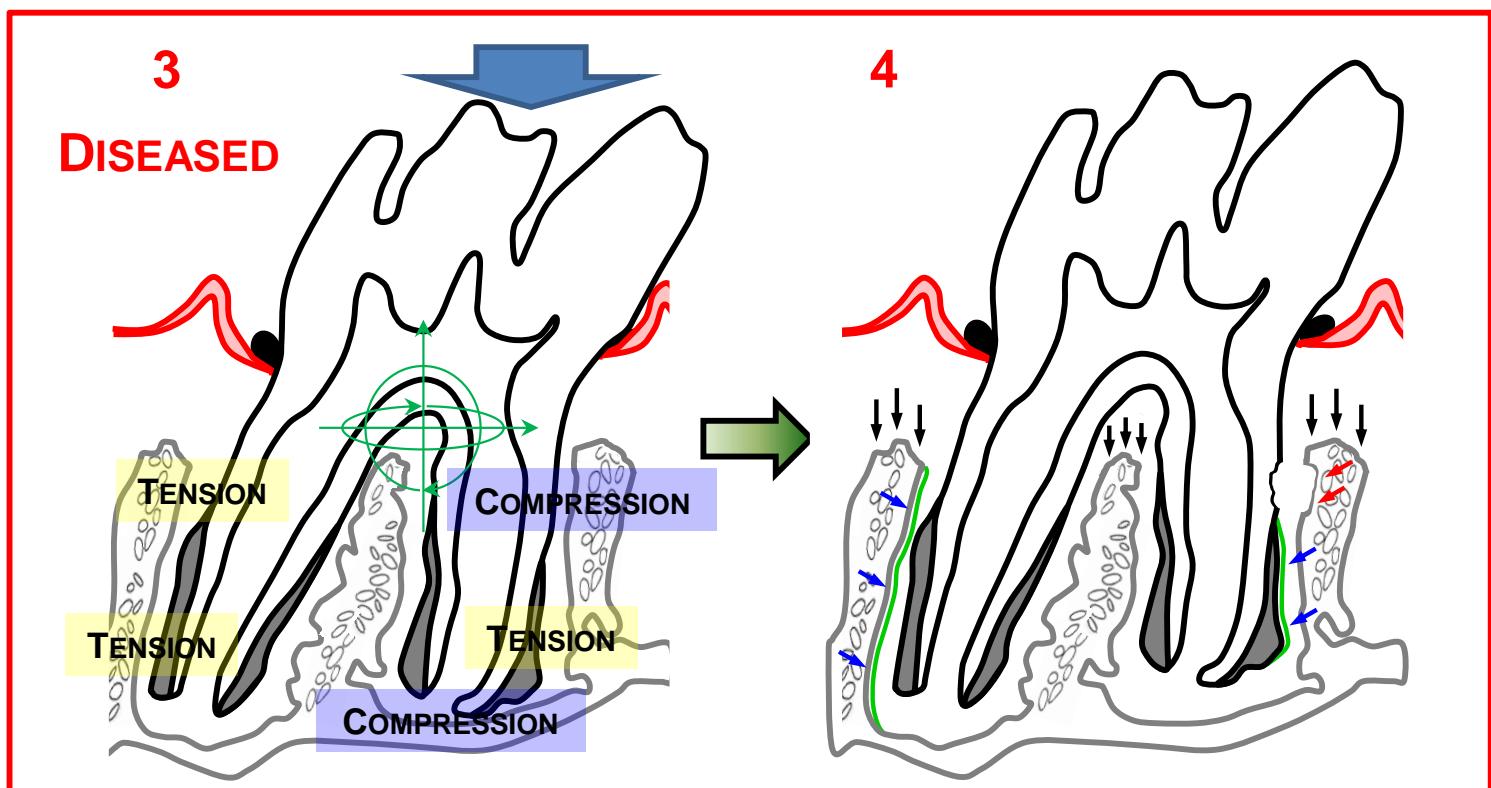
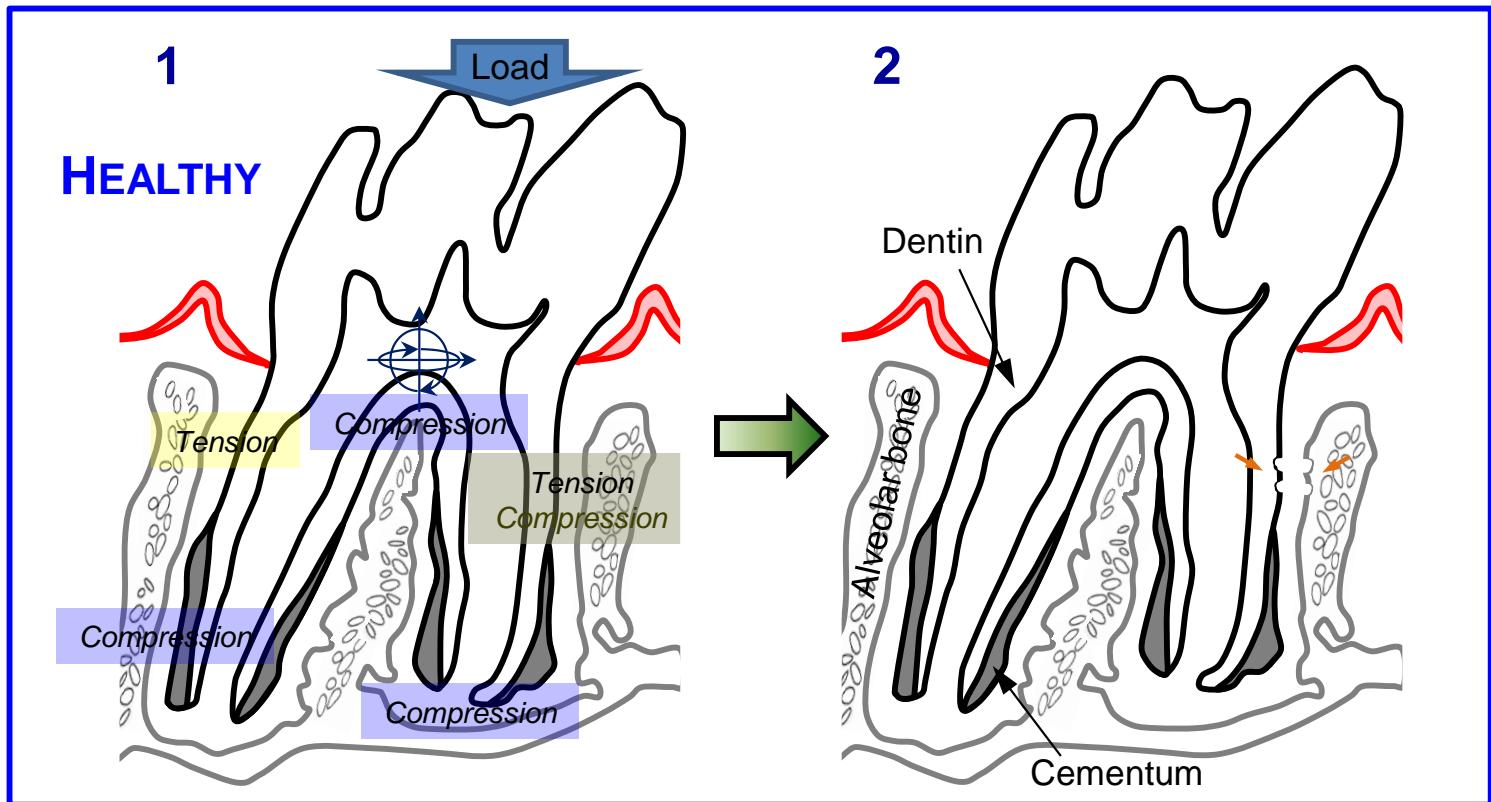
Mesial

Distal



Mesial

Distal



Supplemental Figure 3A

PDL-space

RANKL

TNF- α

FN

TRAP

PSR

Mesial

MESIAL complex predominantly maintained by physiological remodeling

Net decrease in PDL-space

BONE & PDL-BONE attachment site:

RANKL (-)

TNF (-)
FN (+)
PSR (+)

Distal

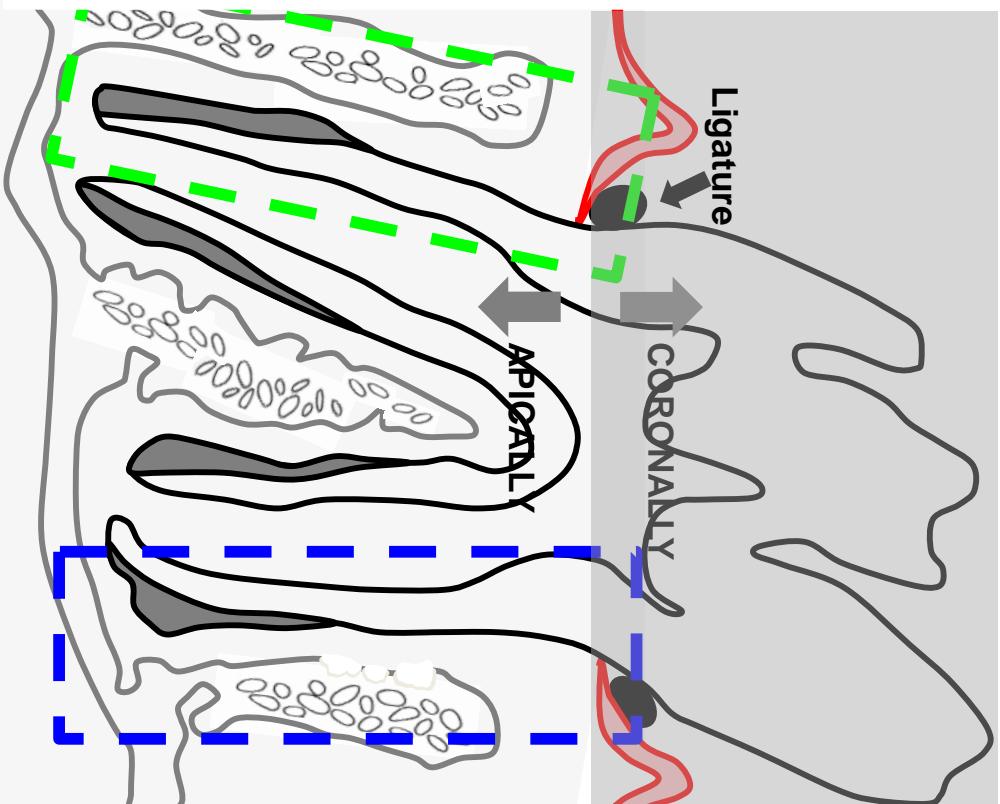
DISTAL complex predominantly experiences increased resorption with time

Net increase in PDL-space

BONE & PDL-BONE attachment site:

RANKL (++)

TNF (++)
FN (-)
TRAP (++)
PSR (++)



CEMENTUM & PDL-CEMENTUM attachment site:
RANKL (-)
TNF (-)
FN (+)
PSR (+)

CEMENTUM & PDL-CEMENTUM attachment sites/interfaces:
RANKL (-)
TNF (-)
FN (++)
TRAP (-)
PSR (++)

(+) increased expression (-) no noticeable change

Supplemental Figure 3B