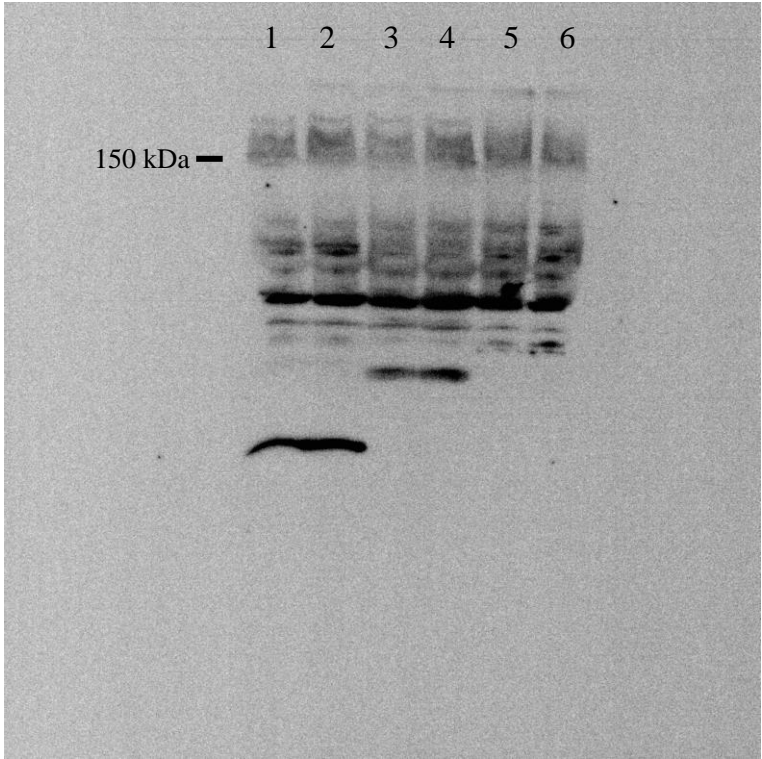


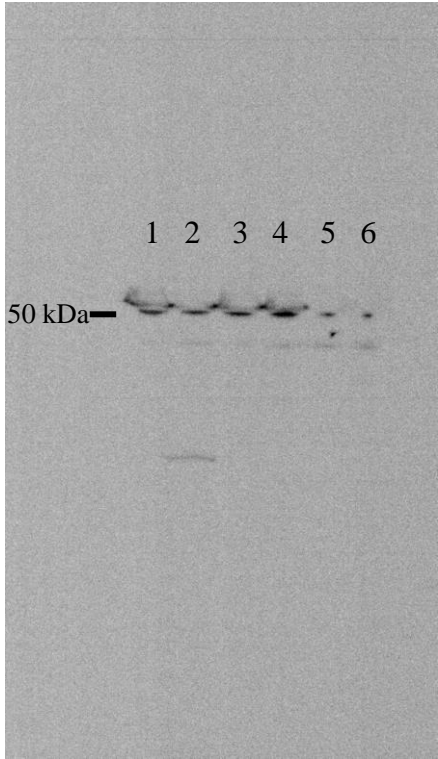
Figure 4B: Raw Data

- Canine OSA cell lines treated with vismodegib
- Image captured by chemiluminescence detection via digital imaging with Kodak Image Station

Raw Image for Figure 4B: Gli1 blot
Anti-Gli1 antibody
Abcam #49314
1:500 dilution, ~160 kDa



Raw Image for Figure 4B:
Tubulin Loading Control for Gli1 blot
Sigma #T9026
1:5000 dilution, ~50 kDa



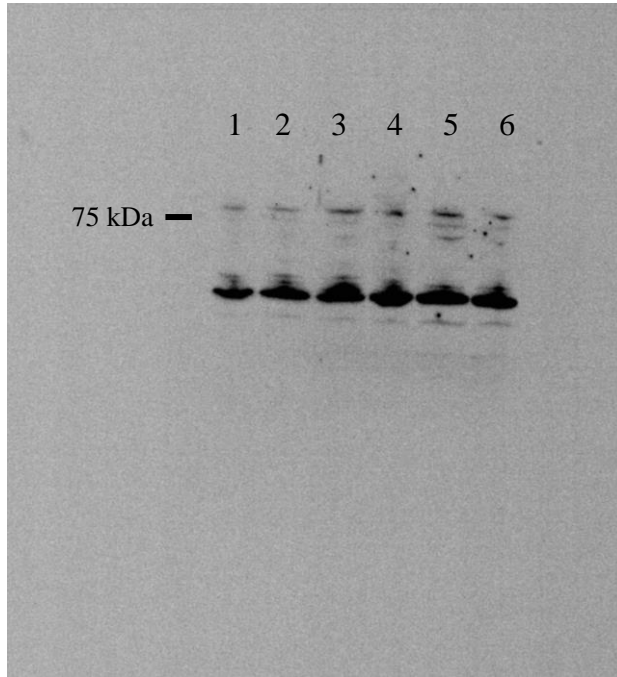
Key:

1. D-17 whole cell lysate, DMSO control treated
2. D-17 whole cell lysate, 45 μ M vismodegib treated
3. Abrams whole cell lysate, DMSO control treated
4. Abrams whole cell lysate, 30 μ M vismodegib treated
5. HMPOS whole cell lysate, DMSO control treated
6. HMPOS whole cell lysate, 30 μ M vismodegib treated

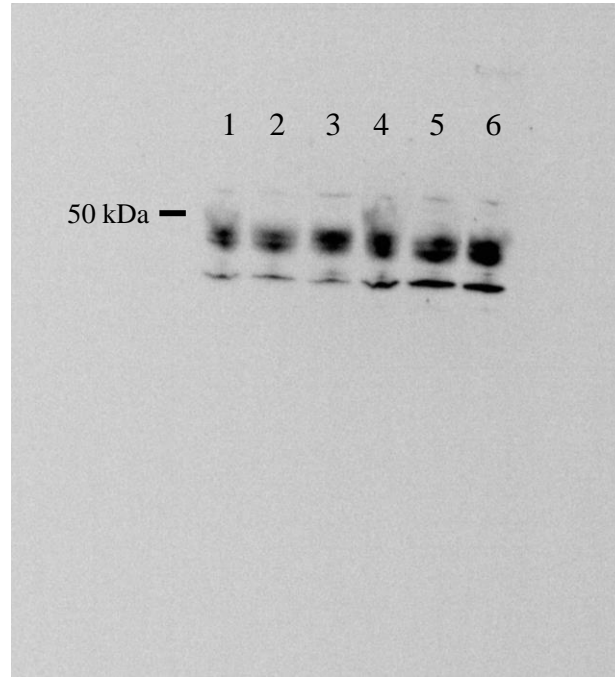
Figure 4B: Raw Data

- Canine OSA cell lines treated with vismodegib
- Image captured by chemiluminescence detection via digital imaging with Kodak Image Station

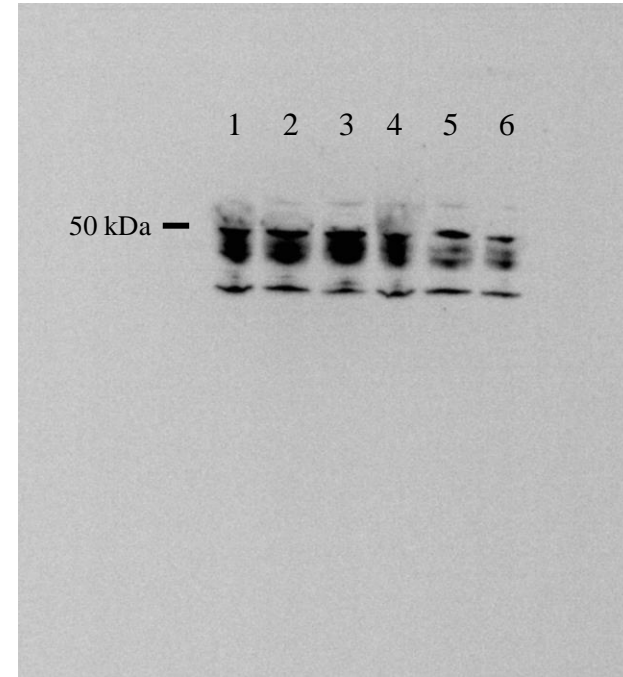
Raw Image for Figure 4B: Smo blot
Anti-Smo antibody
Abcam #ab236456
1:500 dilution, ~86 kDa



Raw Image for Figure 4B: Bmi1 blot
Anti-Bmi1 antibody
Cell Signaling #6964
1:2000 dilution, ~45 kDa



Raw Image for Figure 4B:
Tubulin Loading Control for Smo/Bmi1 blot
Sigma #T9026
1:5000 dilution, ~50 kDa



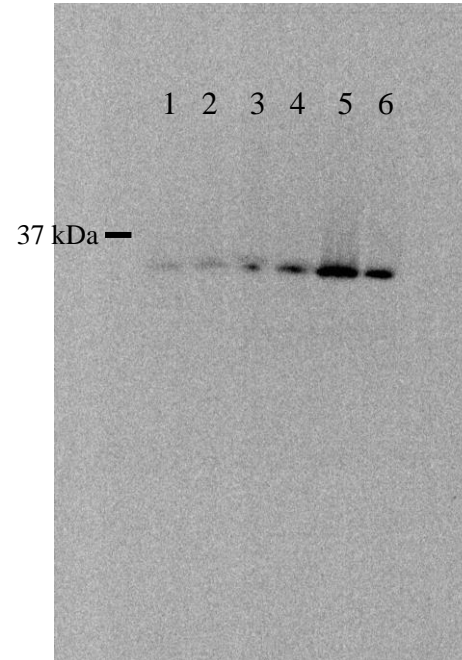
Key:

1. D-17 whole cell lysate, DMSO control treated
2. D-17 whole cell lysate, 45 μ M vismodegib treated
3. Abrams whole cell lysate, DMSO control treated
4. Abrams whole cell lysate, 30 μ M vismodegib treated
5. HMPOS whole cell lysate, DMSO control treated
6. HMPOS whole cell lysate, 30 μ M vismodegib treated

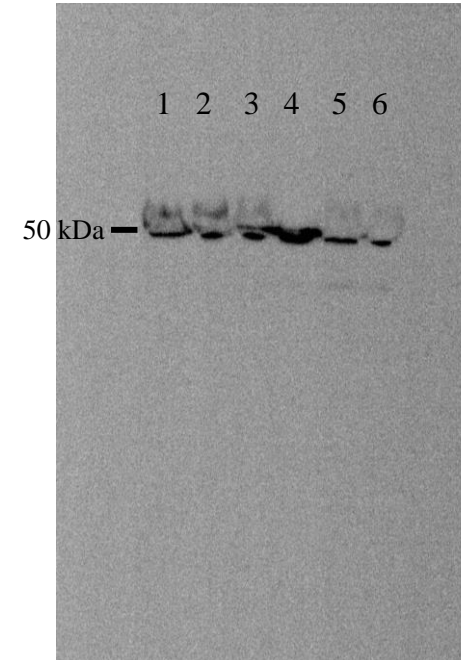
Figure 4B: Raw Data

- Canine OSA cell lines treated with vismodegib
- Image captured by chemiluminescence detection via digital imaging with Kodak Image Station

Raw Image for Figure 4B: Snai1 blot
Anti-Snai1 antibody
Cell Signaling #3879
1:500 dilution, ~29 kDa



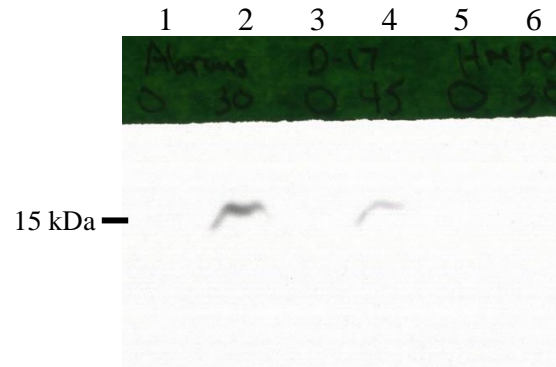
Raw Image for Figure 4B:
Tubulin Loading Control for Gli1 blot
Sigma #T9026
1:5000 dilution, ~50 kDa



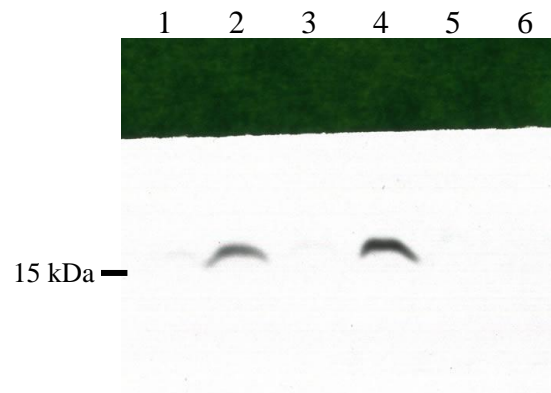
Key:

1. D-17 whole cell lysate, DMSO control treated
2. D-17 whole cell lysate, 45 μ M vismodegib treated
3. Abrams whole cell lysate, DMSO control treated
4. Abrams whole cell lysate, 30 μ M vismodegib treated
5. HMPOS whole cell lysate, DMSO control treated
6. HMPOS whole cell lysate, 30 μ M vismodegib treated

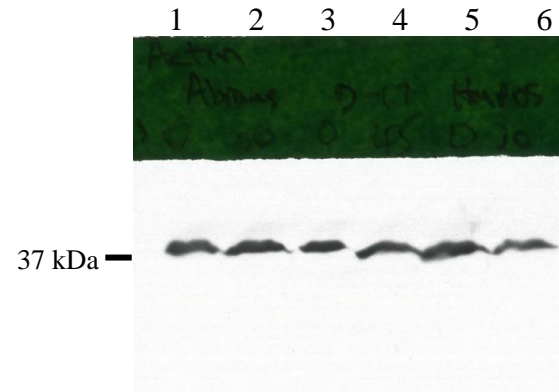
Raw Image for Figure 4B: Cleaved Caspase-3 blot
 Anti-Cleaved Caspase-3 antibody
 Cell Signaling #9661
 1:1000 dilution, ~19 kDa



Raw Image for Figure 4B: Cleaved Caspase-7 blot
 Anti-Cleaved Caspase-7 antibody
 Cell Signaling #8438
 1:1000 dilution, ~18 kDa



Raw Image for Figure 4B:
 Tubulin Loading Control for Smo/Bmi1 blot
 Sigma #T9026
 1:5000 dilution, ~50 kDa



Raw Image for Figure 4B:
 Tubulin Loading Control for Smo/Bmi1 blot
 Sigma #T9026
 1:5000 dilution, ~50 kDa

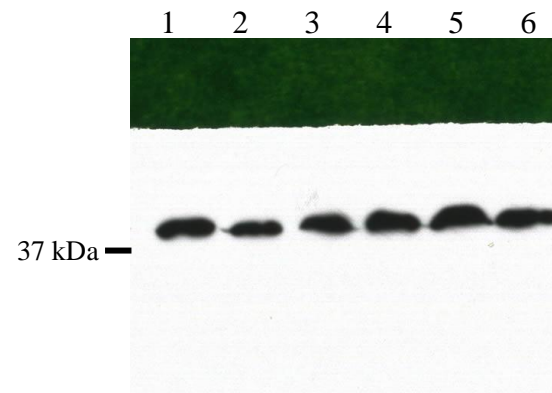


Figure 5B: Raw Data

- Canine OSA cell lines treated with vismodegib
- Image captured by chemiluminescence detection via radiographic film exposure; films scanned

Key:

1. Abrams whole cell lysate, DMSO control treated
2. Abrams whole cell lysate, 30 μ M vismodegib treated
3. D-17 whole cell lysate, DMSO control treated
4. D-17 whole cell lysate, 45 μ M vismodegib treated
5. HMPOS whole cell lysate, DMSO control treated
6. HMPOS whole cell lysate, 30 μ M vismodegib treated