

Supplementary Information

ANGPTL1 attenuates cancer migration, invasion, and stemness through regulating FOXO3a-mediated SOX2 expression in colorectal cancer

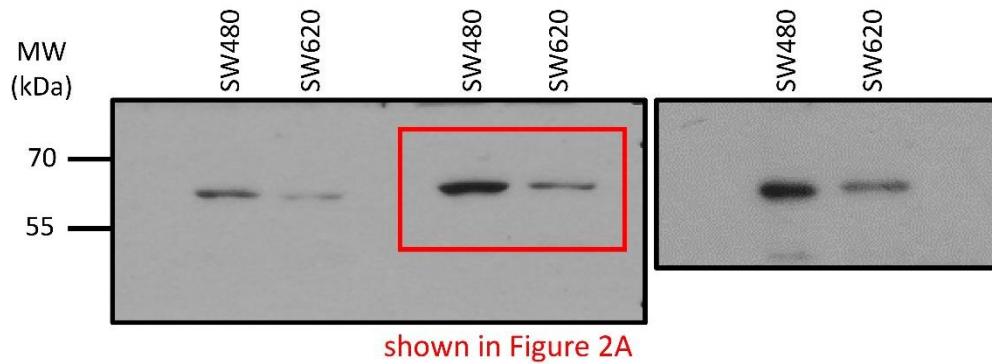
Ting-Yu Chang, Kuo-Cheng Lan, Chen-Yuan Chiu, Meei-Ling Sheu, Shing-Hwa Liu

Western blot raw data

1. Figure 2A

Cell: SW480 and SW620 cells

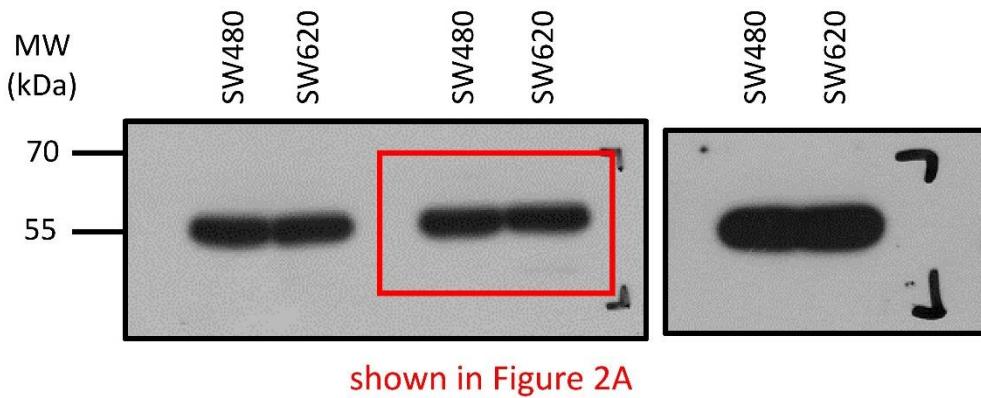
Protein: ANGPTL1 (57 kDa)



2. Figure 2A

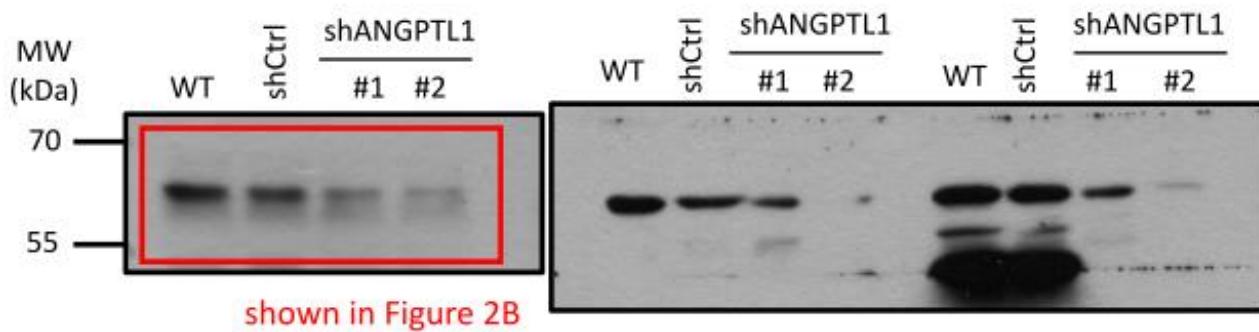
Cell: SW480 and SW620 cells

Protein: α -tubulin (55 kDa)



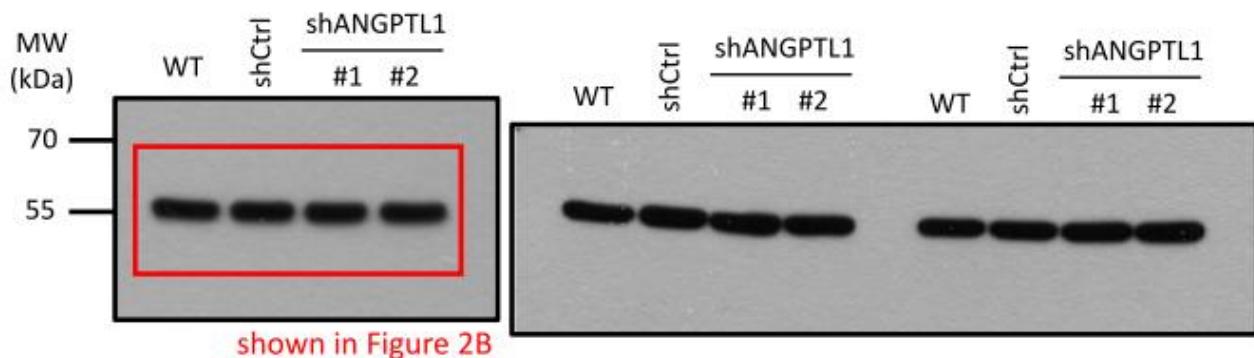
3. Figure 2B-left

Cell: SW480 cells
Protein: ANGPTL1 (57 kDa)



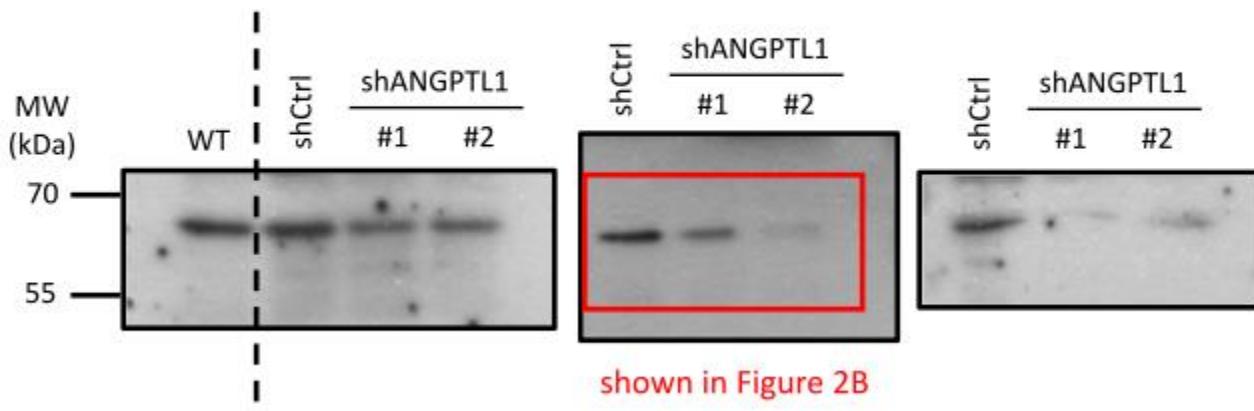
4. Figure 2B-left

Cell: SW480 cells
Protein: α -tubulin (55 kDa)



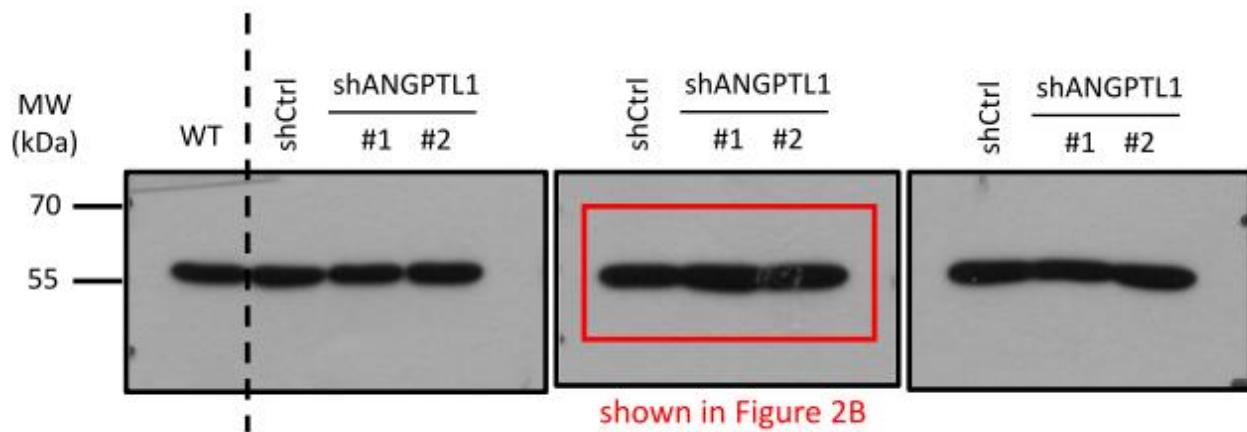
5. Figure 2B-right

Cell: HT-29 cells
Protein: ANGPTL1 (57 kDa)



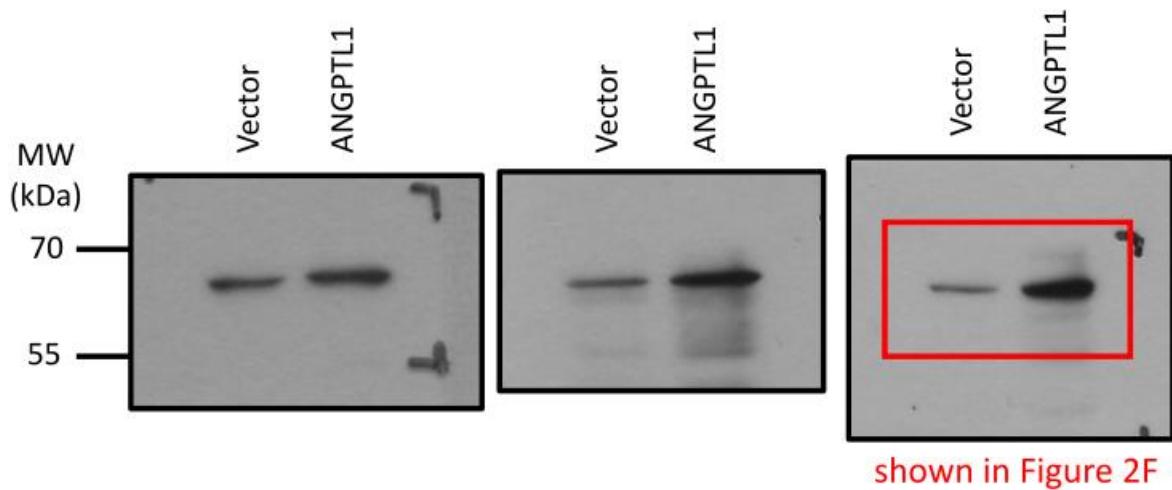
6. Figure 2B-right

Cell: HT-29 cells
Protein: α -tubulin (55 kDa)



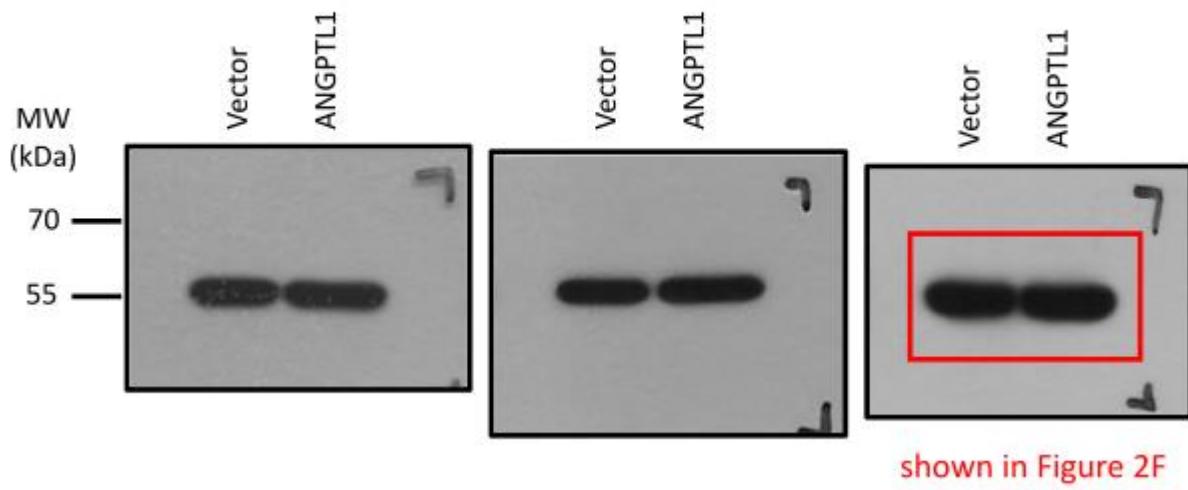
7. Figure 2F-left

Cell: SW620 cells
Protein: ANGPTL1 (57 kDa)



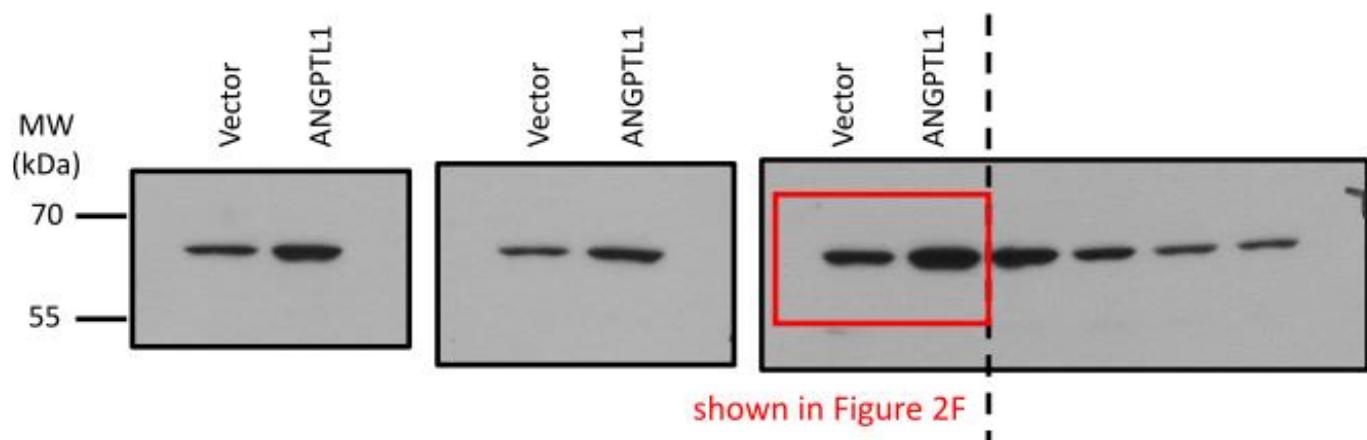
8. Figure 2F-left

Cell: SW620 cells
Protein: α -tubulin (55 kDa)



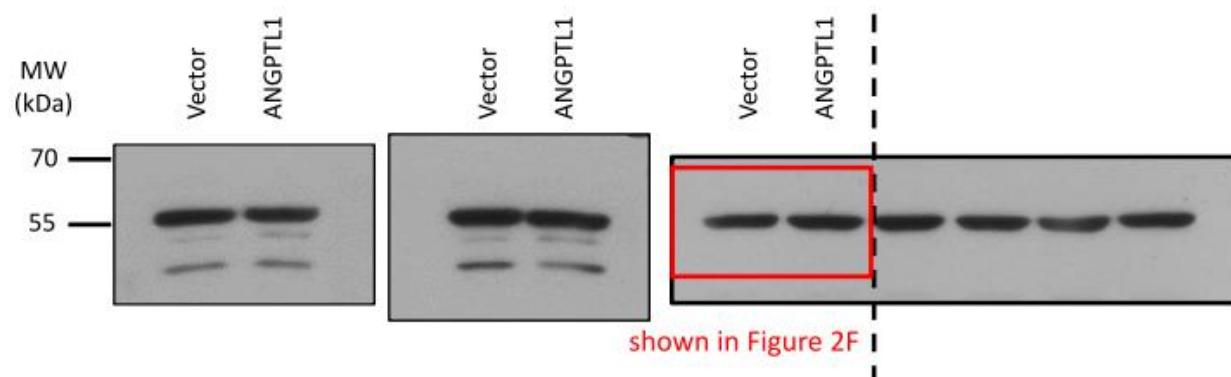
9. Figure 2F-right

Cell: HCT116 cells
Protein: ANGPTL1 (57 kDa)



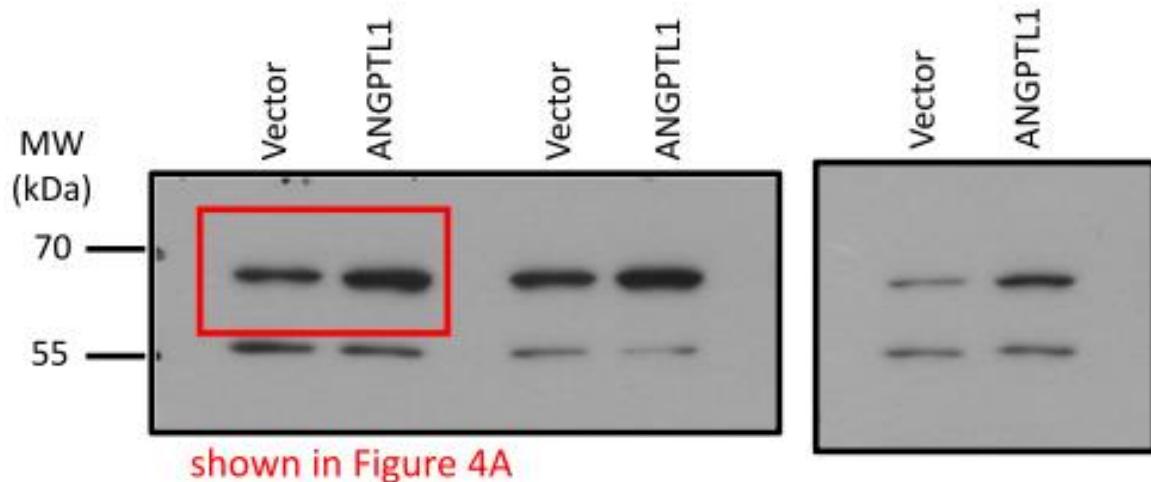
10. Figure 2F-right

Cell: HCT116 cells
Protein: α -tubulin (55 kDa)



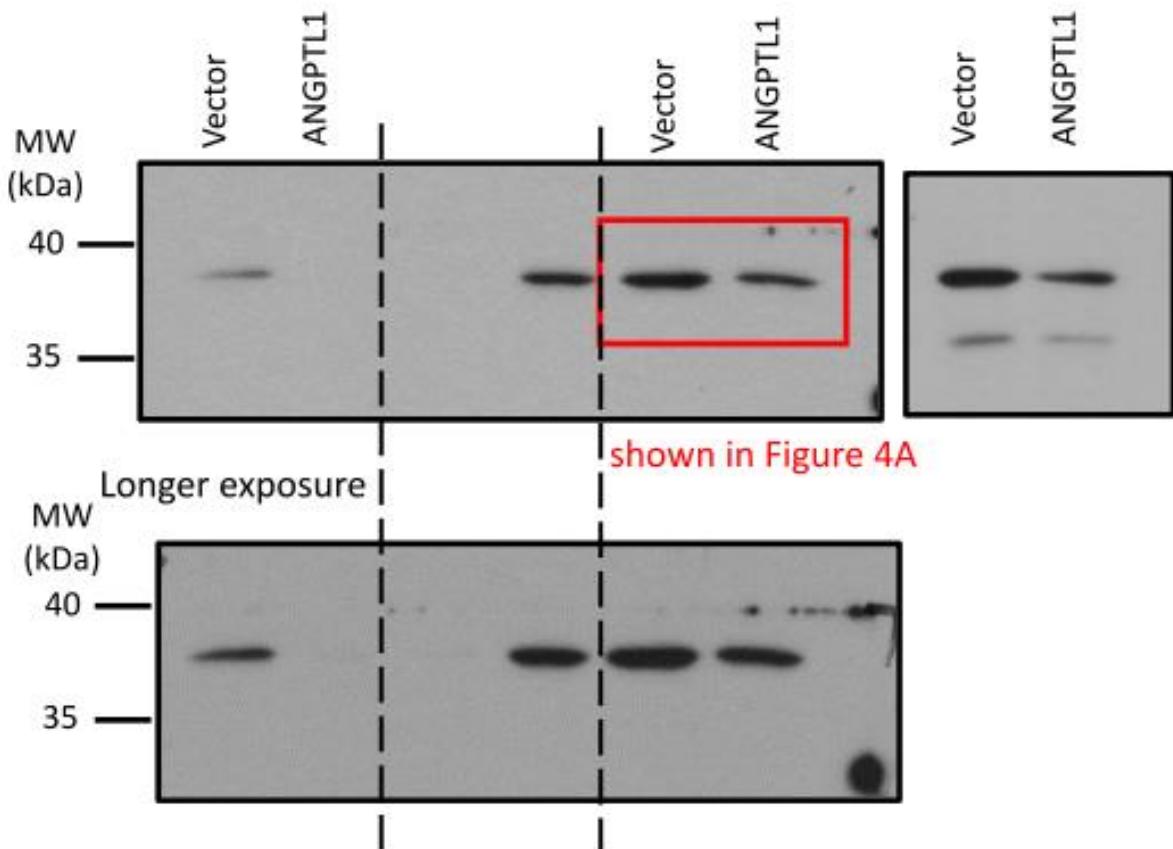
11. Figure 4A-left

Cell: HCT116 cells
Protein: ANGPTL1 (57 kDa)



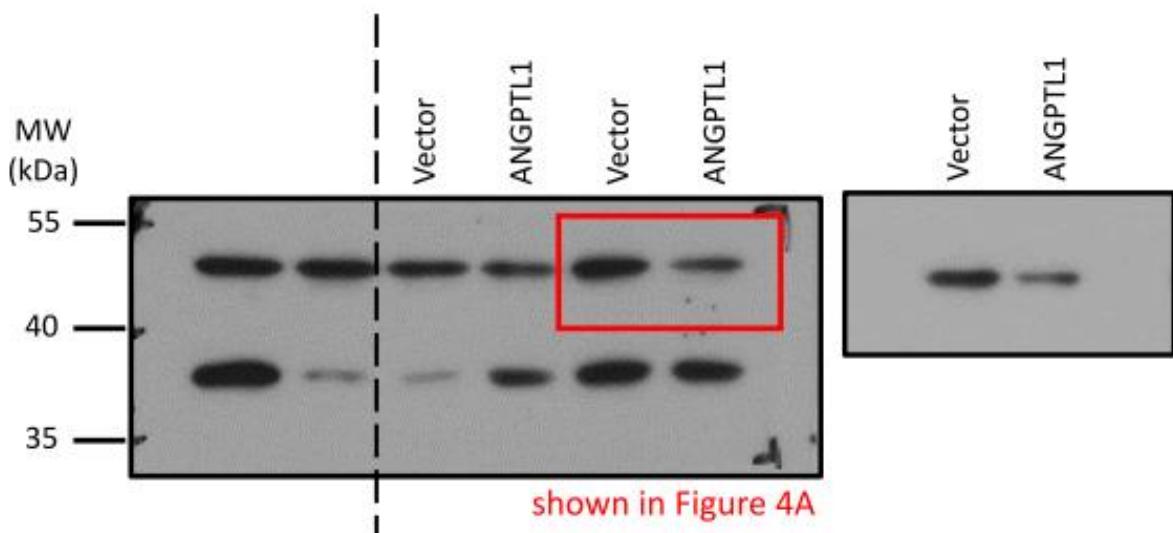
12. Figure 4A-left

Cell: HCT116 cells
Protein: SOX2 (35 kDa)



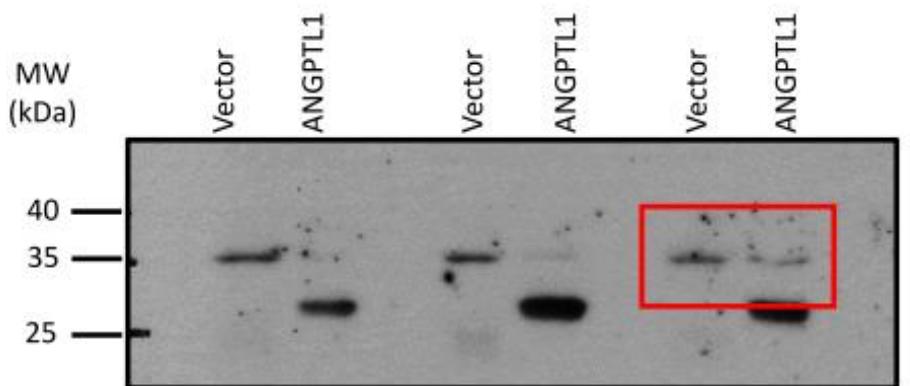
13. Figure 4A-left

Cell: HCT116 cells
Protein: Oct4 (45 kDa)



14. Figure 4A-left

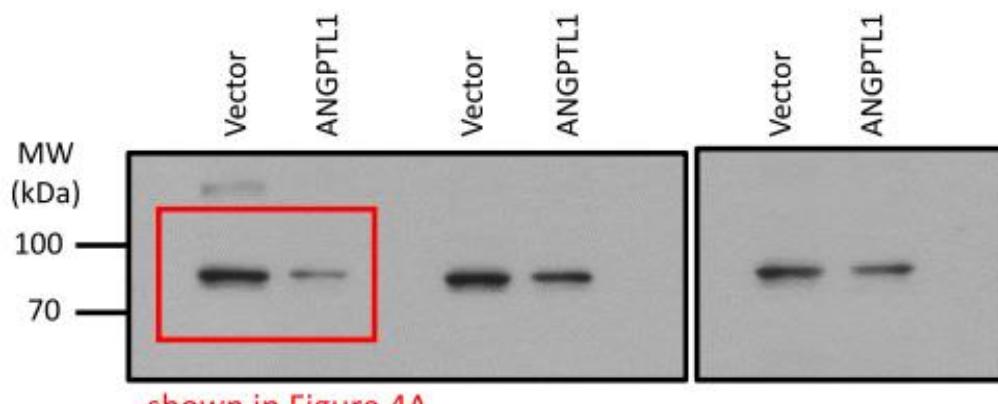
Cell: HCT116 cells
Protein: Nanog (35 kDa)



shown in Figure 4A

15. Figure 5A-left

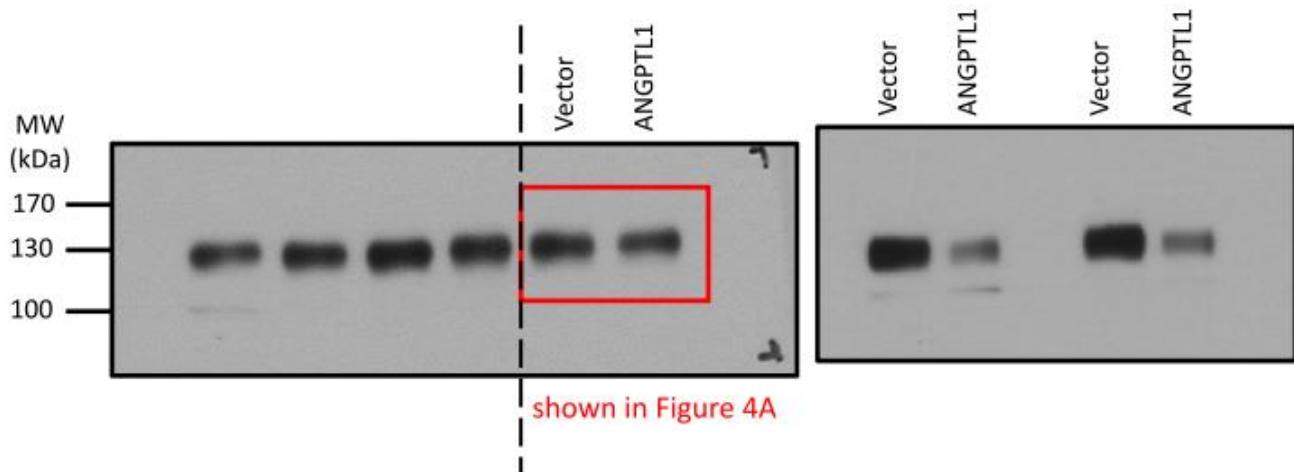
Cell: HCT116 cells
Protein: LGR5 (99 kDa)



shown in Figure 4A

16. Figure 4A-left

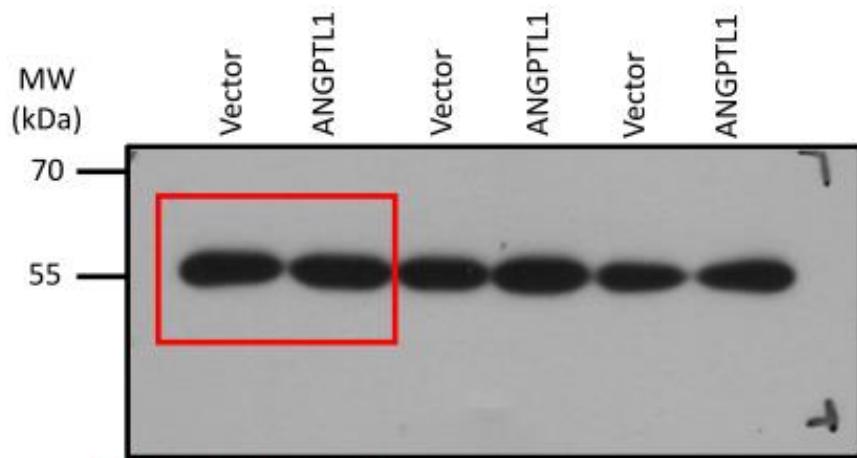
Cell: HCT116 cells
Protein: CD133 (144 kDa)



shown in Figure 4A

17. Figure 4A-left

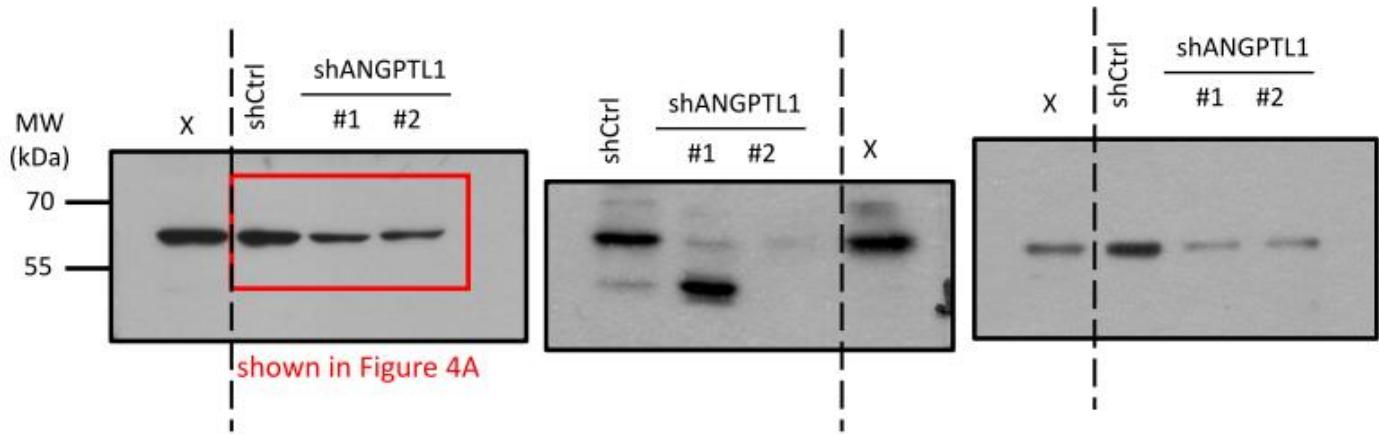
Cell: SW480 cells
Protein: α -Tubulin (55 kDa)



shown in Figure 4A

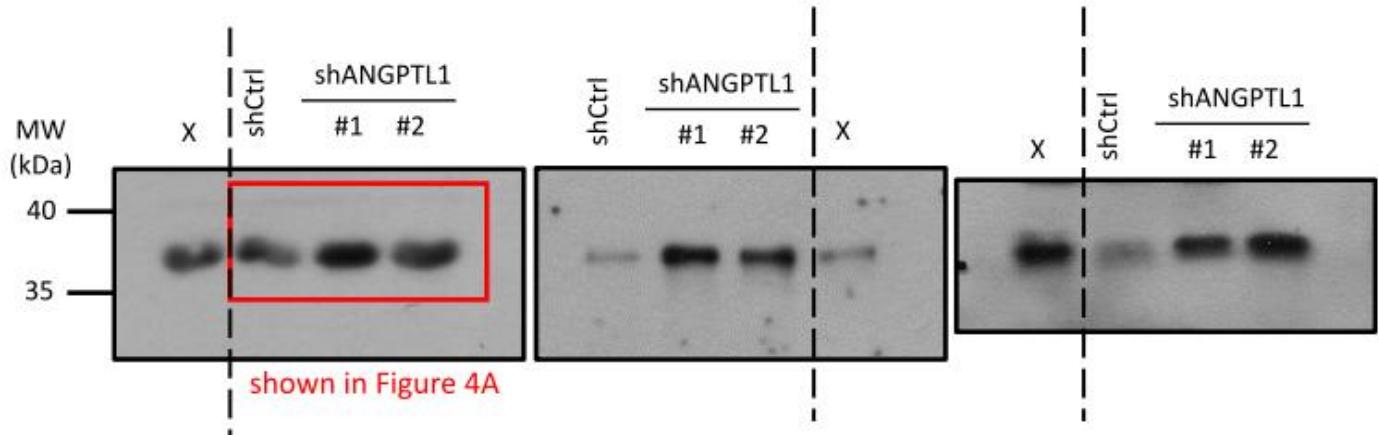
18. Figure 4A-right

Cell: SW480 cells
Protein: ANGPTL1 (57 kDa)



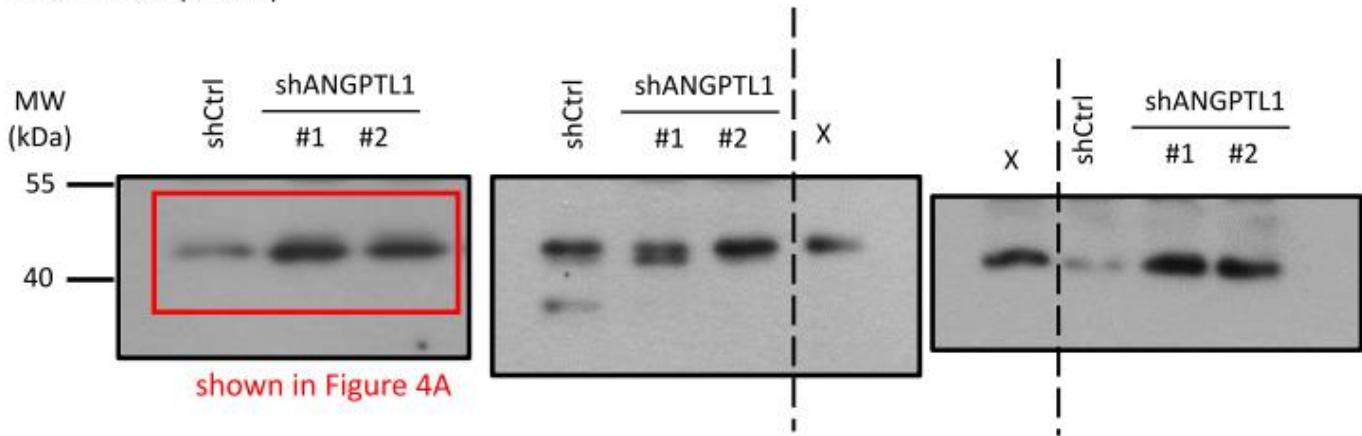
19. Figure 4A-right

Cell: SW480 cells
Protein: SOX2 (35 kDa)



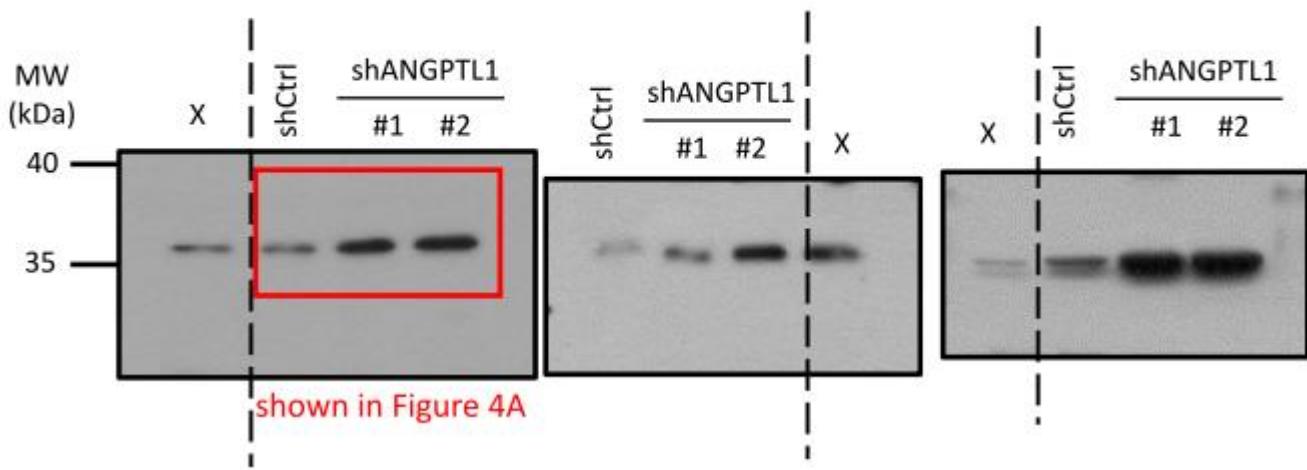
20. Figure 4A-right

Cell: SW480 cells
Protein: Oct4 (45 kDa)



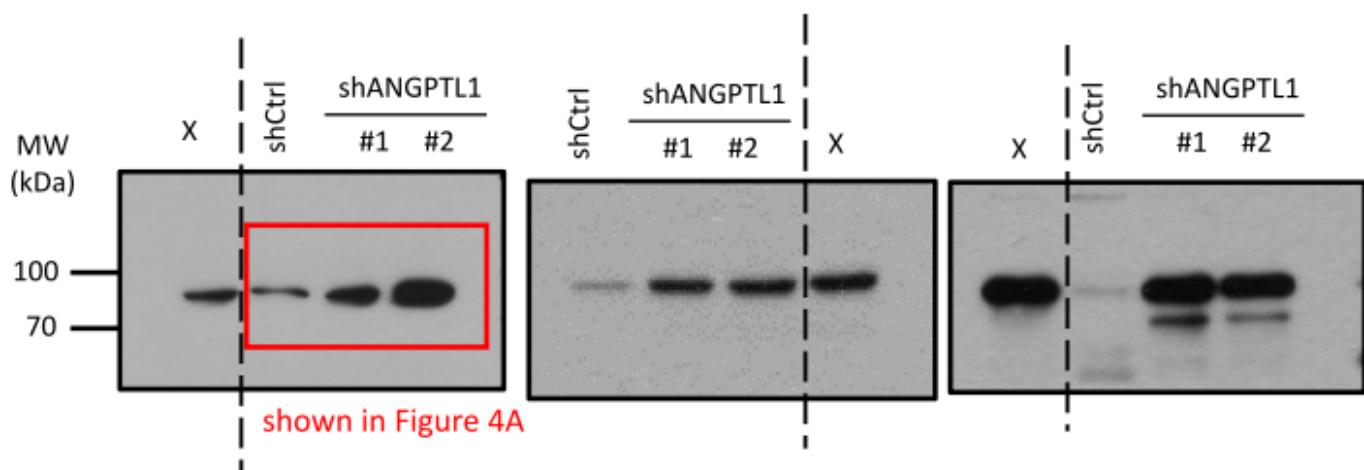
21. Figure 4A-right

Cell: SW480 cells
Protein: Nanog (35 kDa)



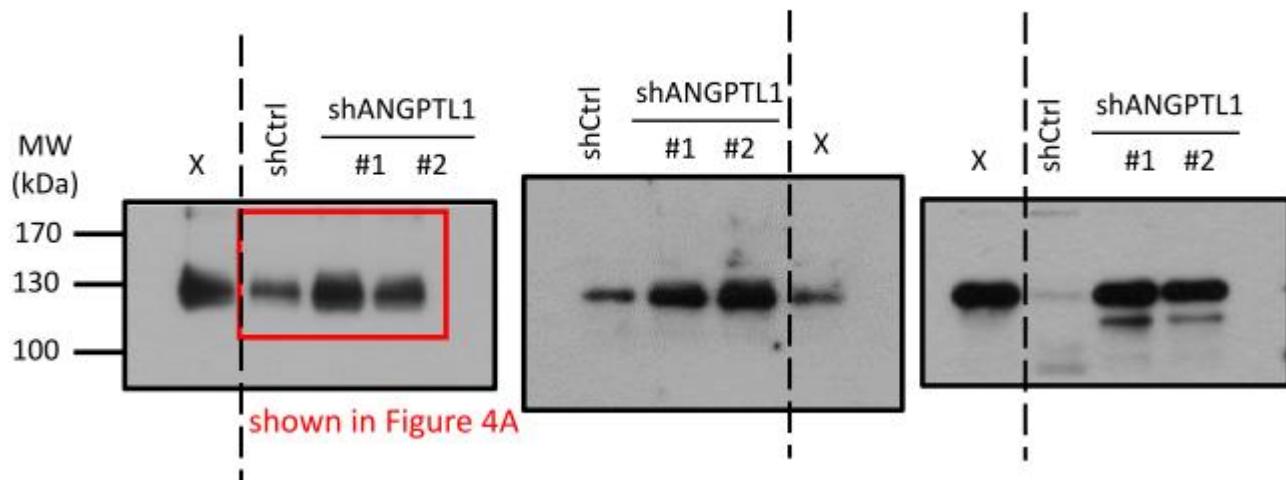
22. Figure 4A-right

Cell: SW480 cells
Protein: LGR5 (99 kDa)



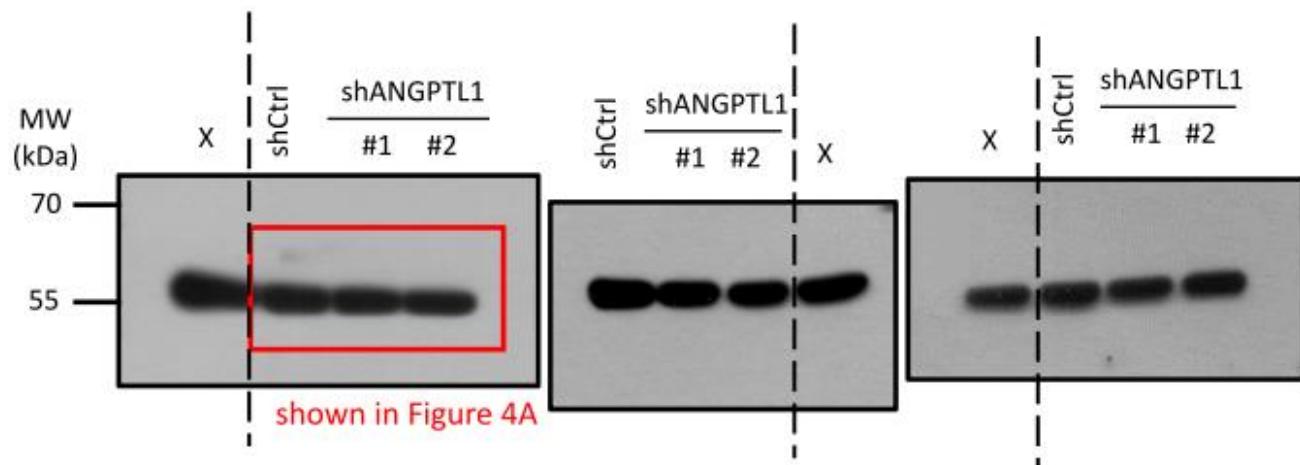
23. Figure 4A-right

Cell: SW480 cells
Protein: CD133 (144 kDa)



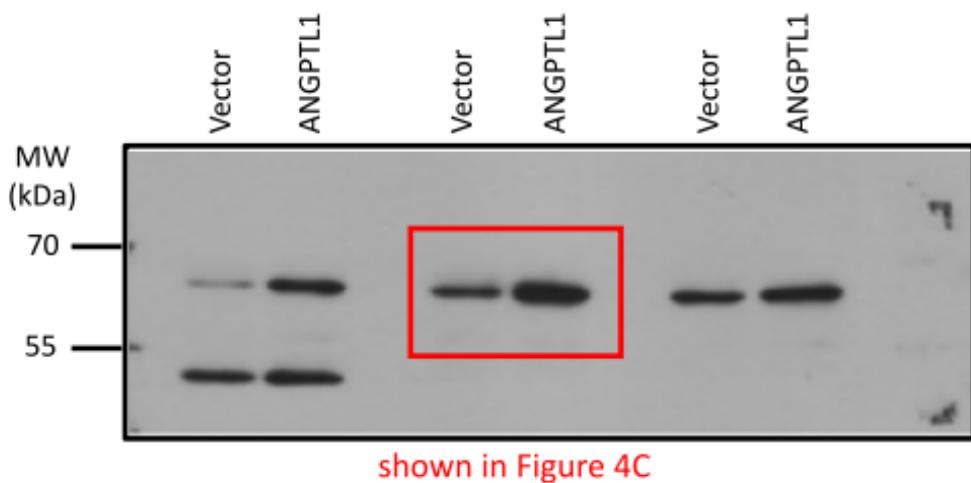
24. Figure 4A-right

Cell: SW480 cells
Protein: α -Tubulin (55 kDa)



25. Figure 4C

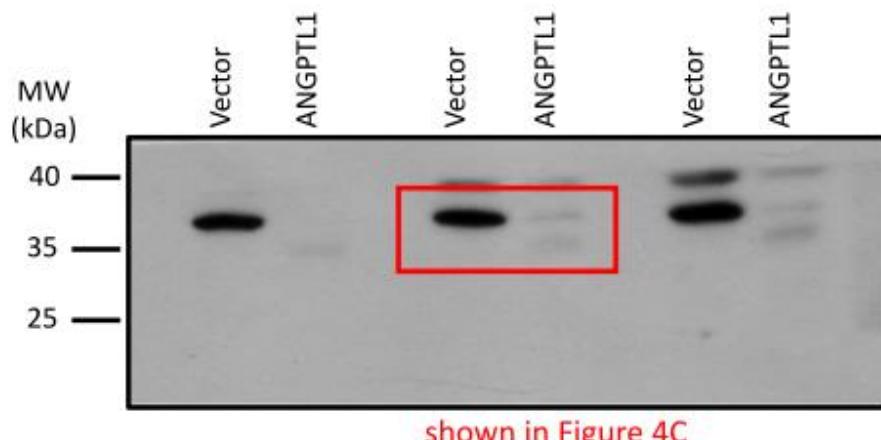
Cell: Sphere cells derived from HCT116 cells
Protein: ANGPTL1 (57 kDa)



shown in Figure 4C

26. Figure 4C

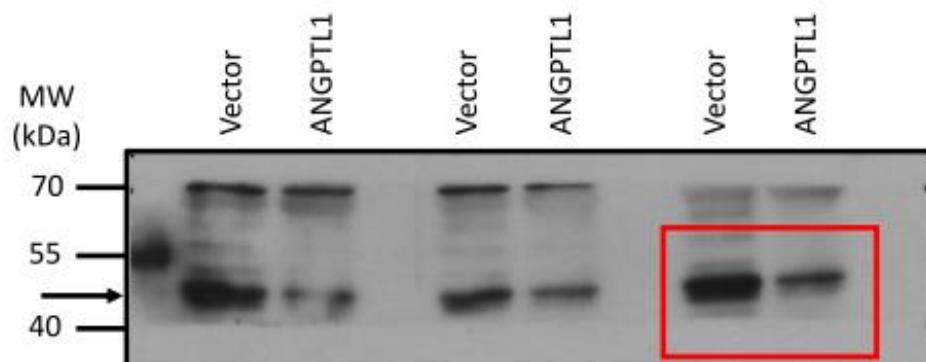
Cell: Sphere cells derived from HCT116 cells
Protein: SOX2 (35 kDa)



shown in Figure 4C

27. Figure 4C

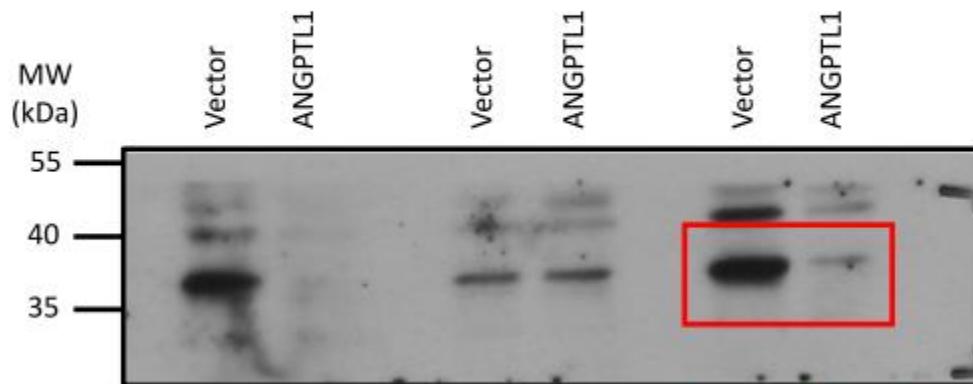
Cell: Sphere cells derived from HCT116 cells
Protein: Oct4 (45 kDa)



shown in Figure 4C

28. Figure 4C

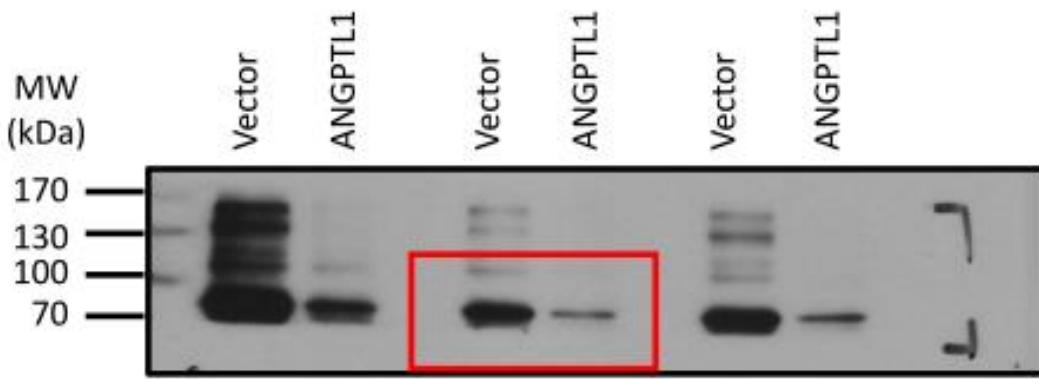
Cell: Sphere cells derived from HCT116 cells
Protein: Nanog (35 kDa)



shown in Figure 4C

29. Figure 4C

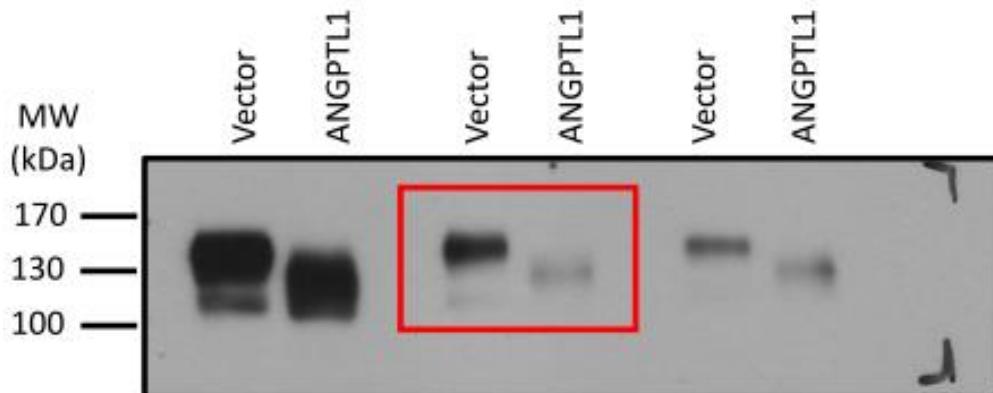
Cell: Sphere cells derived from HCT116 cells
Protein: LGR5 (99 kDa)



shown in Figure 4C

30. Figure 4C

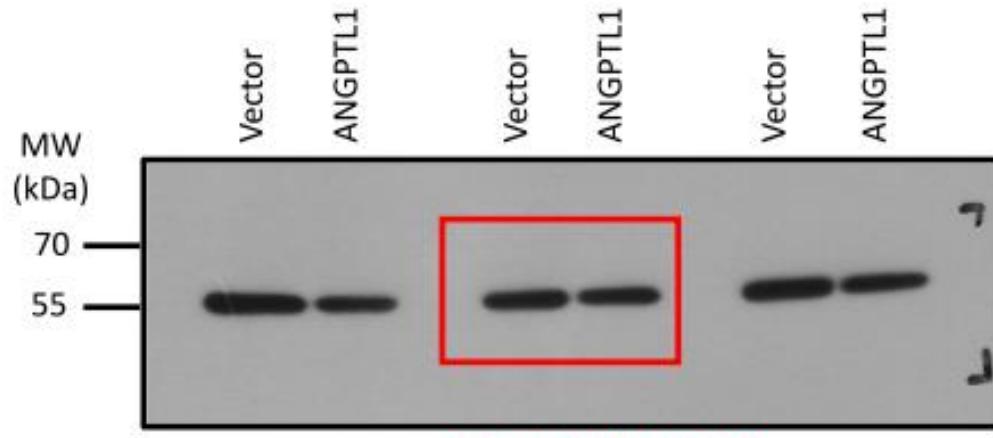
Cell: Sphere cells derived from HCT116 cells
Protein: CD133 (144 kDa)



shown in Figure 4C

31. Figure 4C

Cell: Sphere cells derived from HCT116 cells
Protein: α -Tubulin (55 kDa)

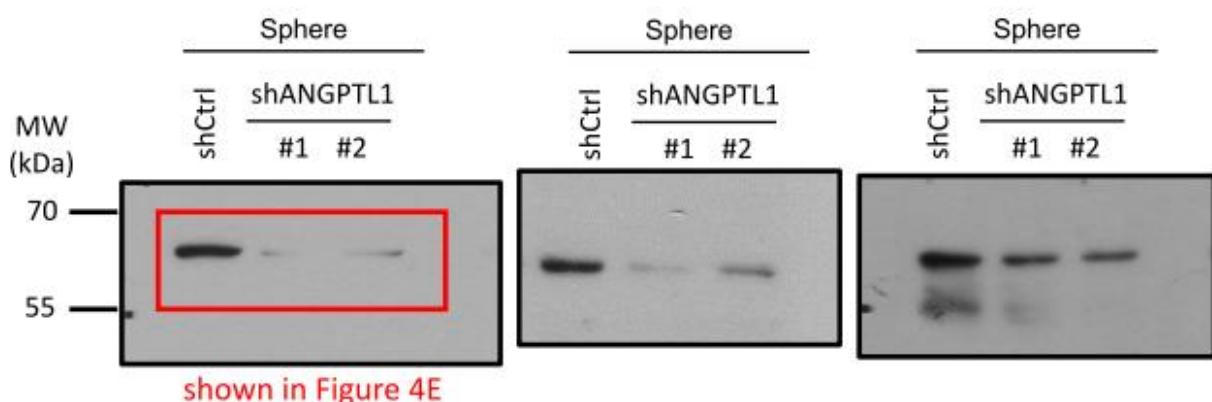


shown in Figure 4C

32. Figure 4E

Cell: Sphere cells derived from SW480 cells

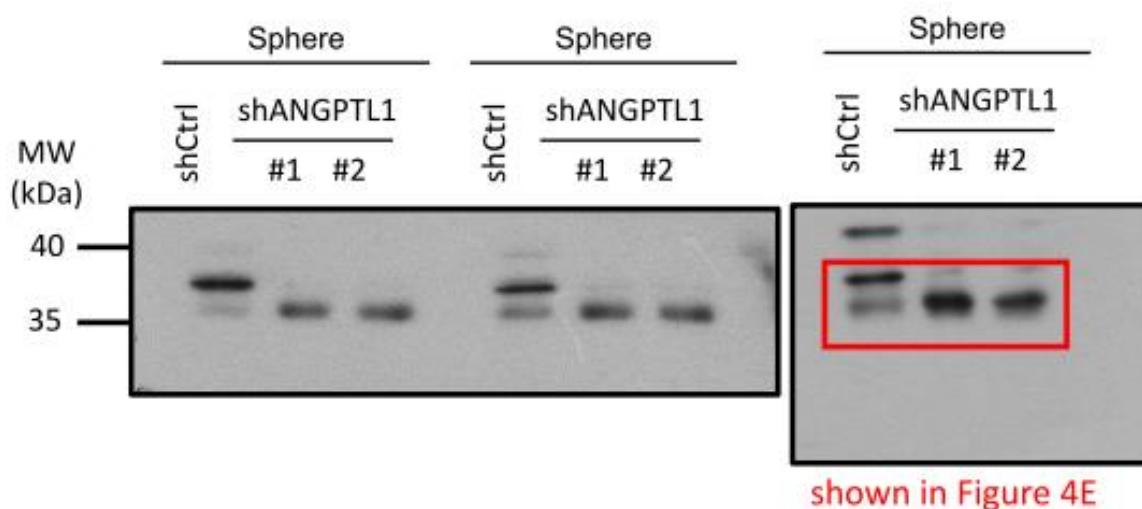
Protein: ANGPTL1 (57 kDa)



33. Figure 4E

Cell: Sphere cells derived from SW480 cells

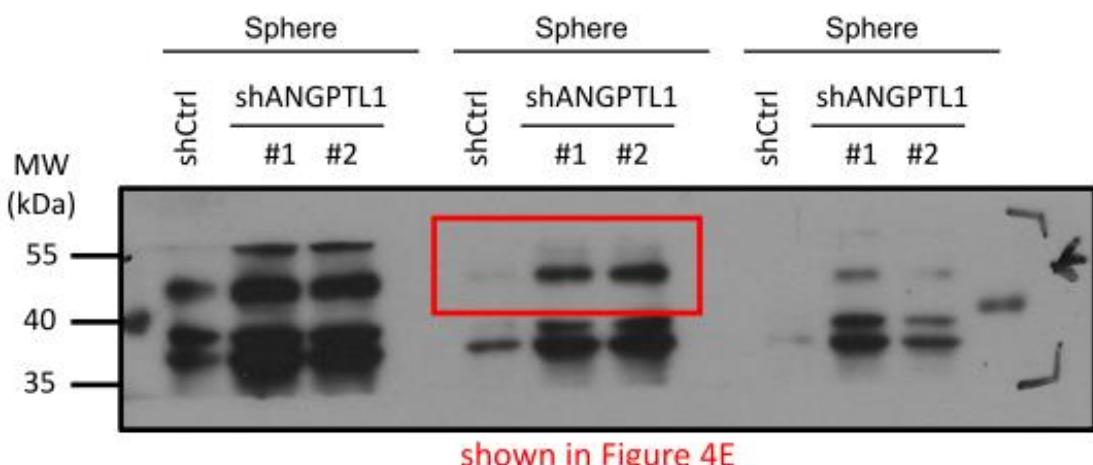
Protein: SOX2 (35 kDa)



34. Figure 4E

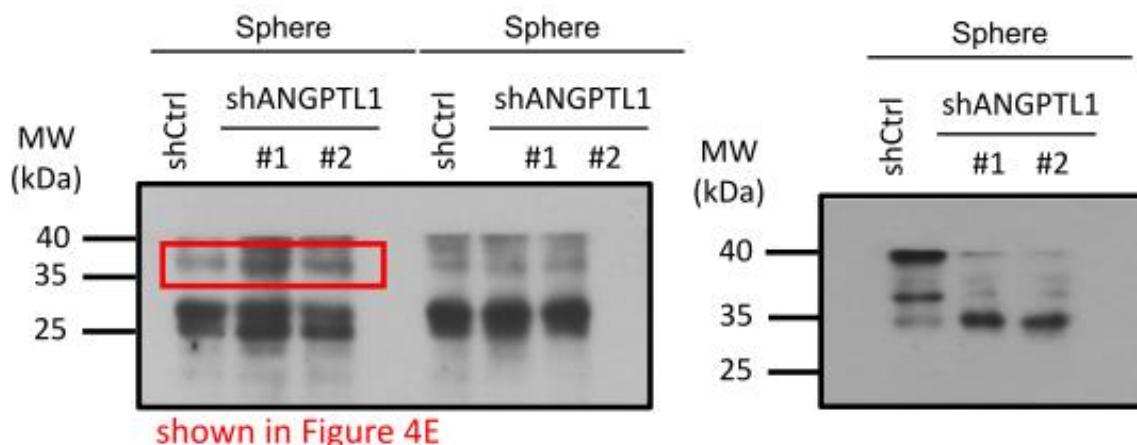
Cell: Sphere cells derived from SW480 cells

Protein: Oct4 (45 kDa)



35. Figure 4E

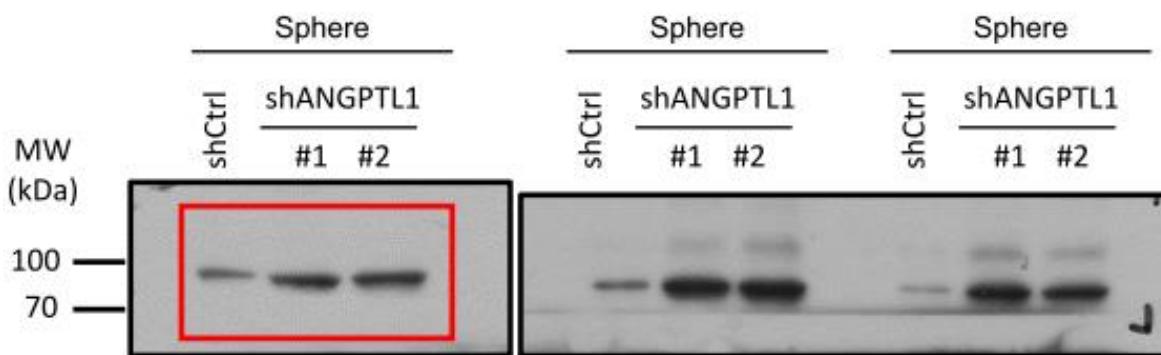
Cell: Sphere cells derived from SW480 cells
Protein: Nanog (35 kDa)



shown in Figure 4E

36. Figure 4E

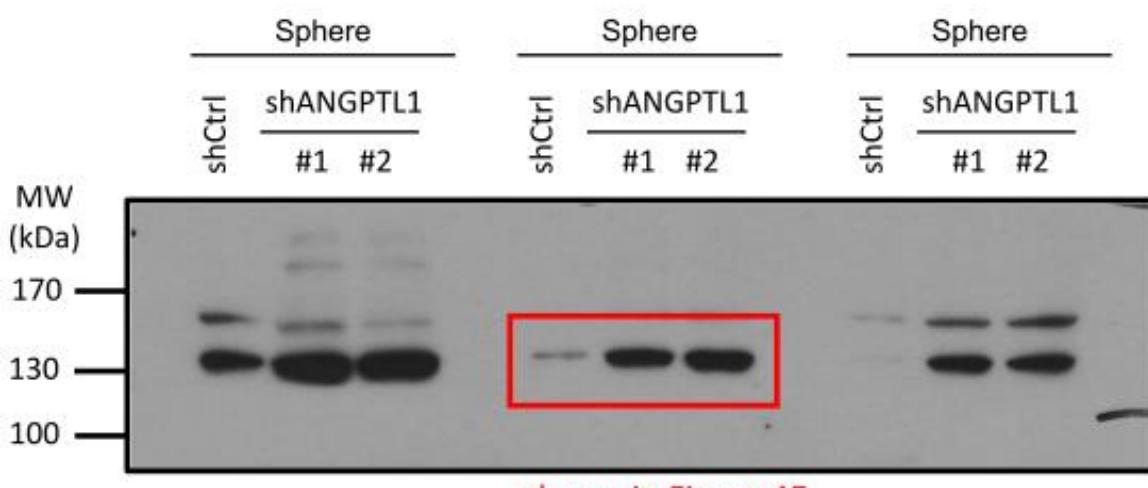
Cell: Sphere cells derived from SW480 cells
Protein: LGR5 (99 kDa)



shown in Figure 4E

37. Figure 4E

Cell: Sphere cells derived from SW480 cells
Protein: CD133 (144 kDa)

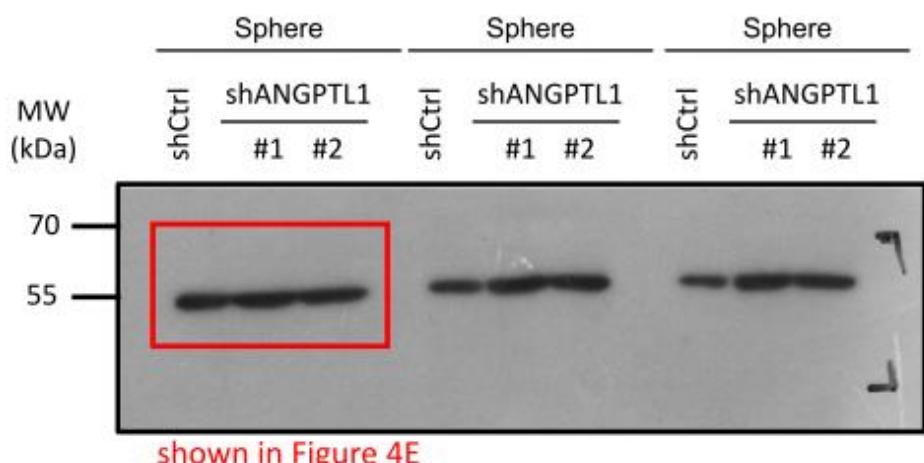


shown in Figure 4E

38. Figure 4E

Cell: Sphere cells derived from SW480 cells

Protein: α -Tubulin (55 kDa)

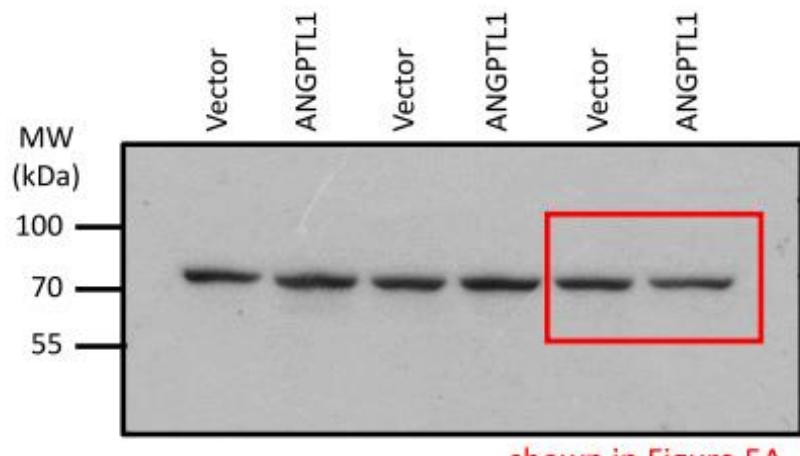


shown in Figure 4E

39. Figure 5A

Cell: HCT116 cells

Protein: FOXO1 (70 kDa)

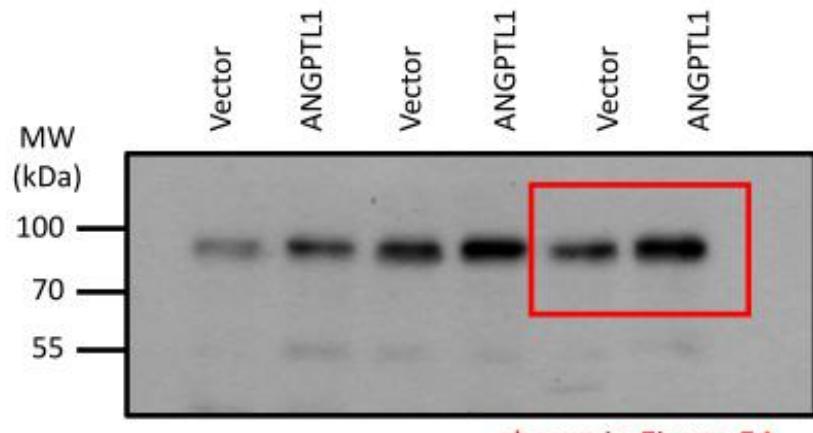


shown in Figure 5A

40. Figure 5A

Cell: HCT116 cells

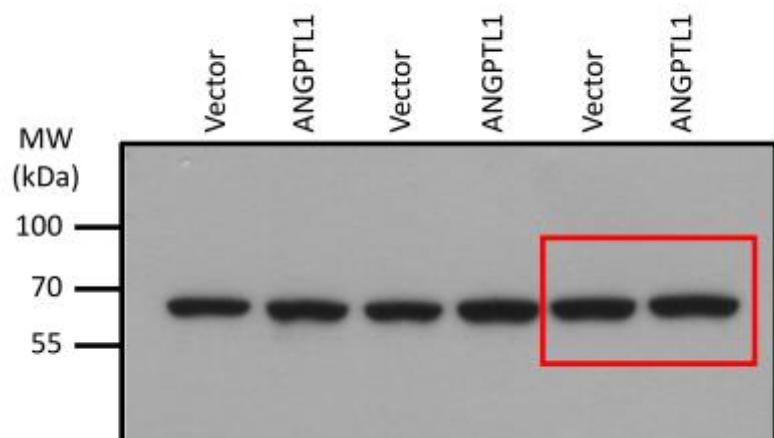
Protein: FOXO3a (90 kDa)



shown in Figure 5A

41. Figure 5A

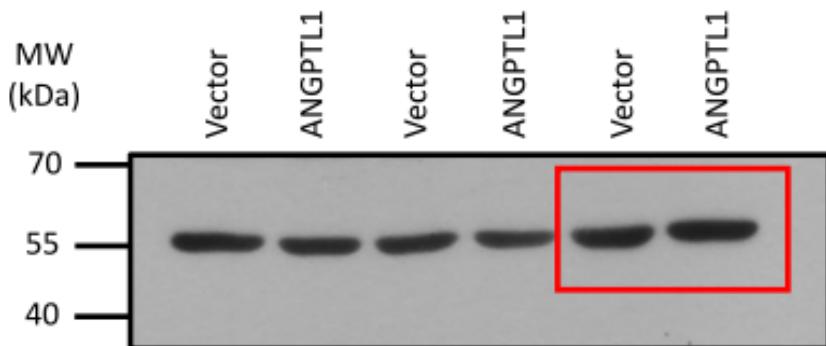
Cell: HCT116 cells
Protein: FOXO4 (65 kDa)



shown in Figure 5A

42. Figure 5A

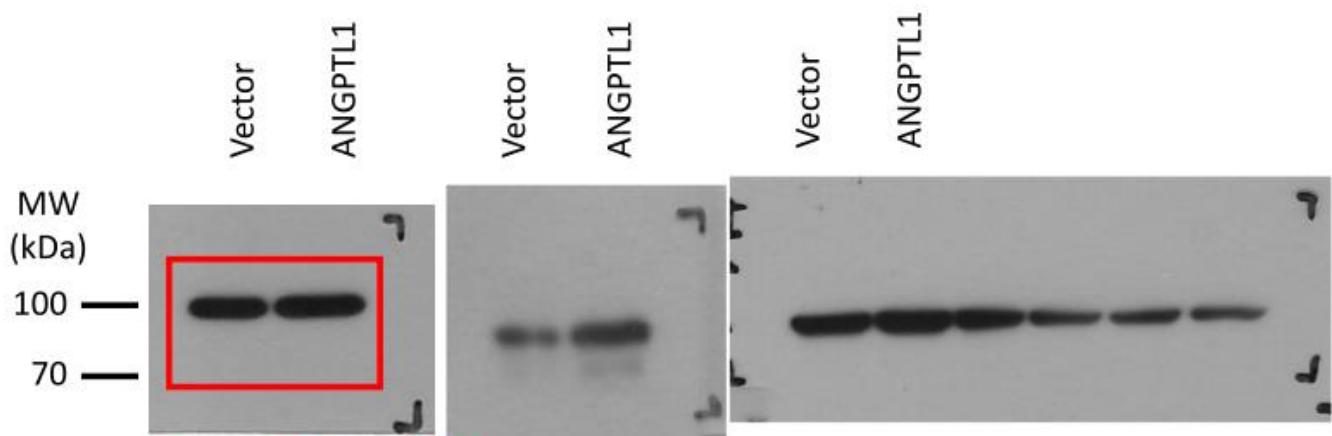
Cell: HCT116 cells
Protein: α -tubulin (55 kDa)



shown in Figure 5A

43. Figure 5C

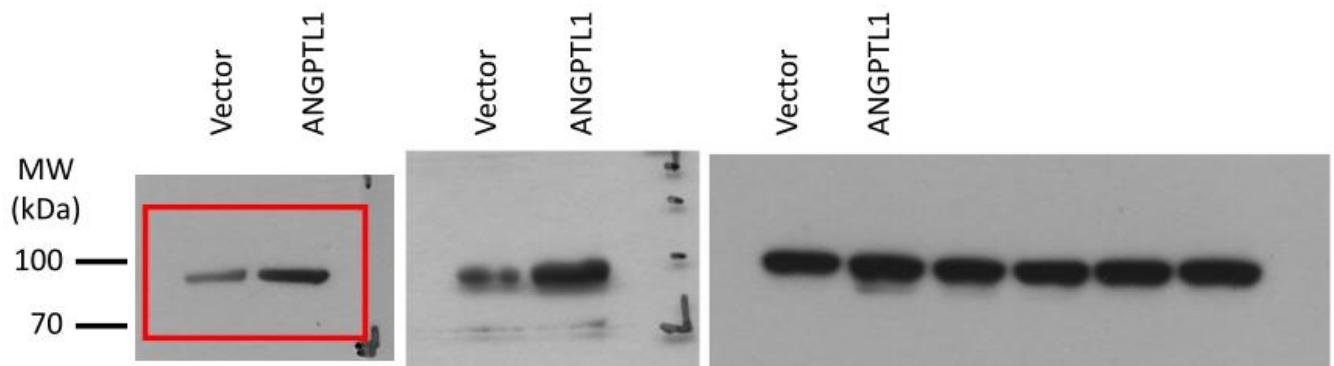
Cell: HCT116 cells
Protein: p-FOXO3a (90 kDa)



shown in Figure 5C

44. Figure 5C

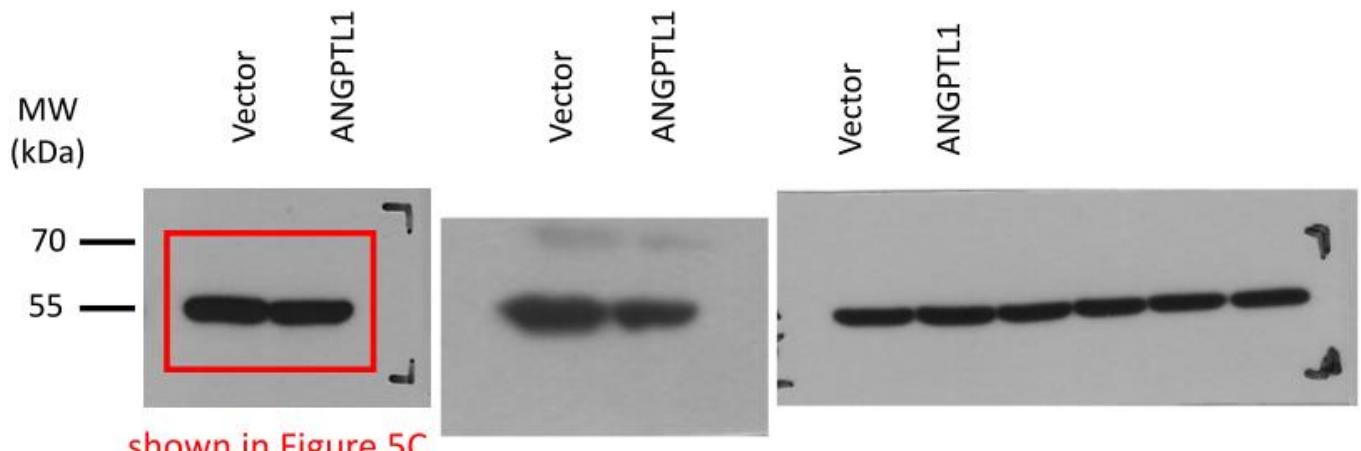
Cell: HCT116 cells
Protein: FOXO3a (90 kDa)



shown in Figure 5C

45. Figure 5C

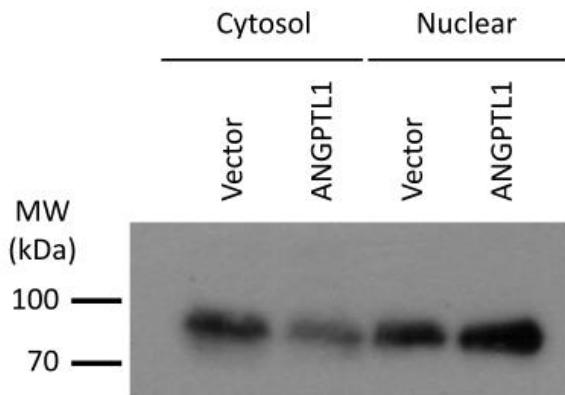
Cell: HCT116 cells
Protein: α -tubulin (55 kDa)



shown in Figure 5C

46. Figure 5D

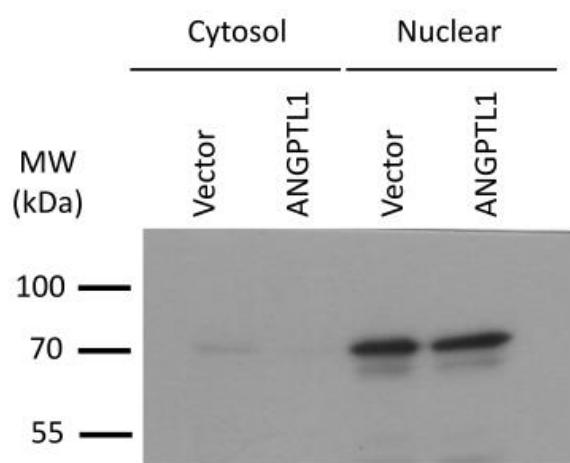
Cell: HCT116 cells
Protein: FOXO3a (90 kDa)



47. Figure 5D

Cell: HCT116 cells

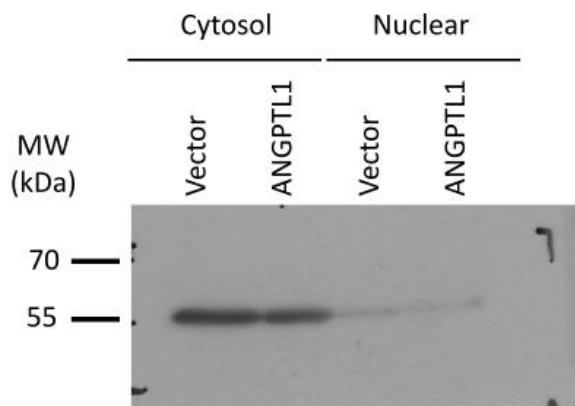
Protein: Lamin A/C (74/63 kDa)



48. Figure 5D

Cell: HCT116 cells

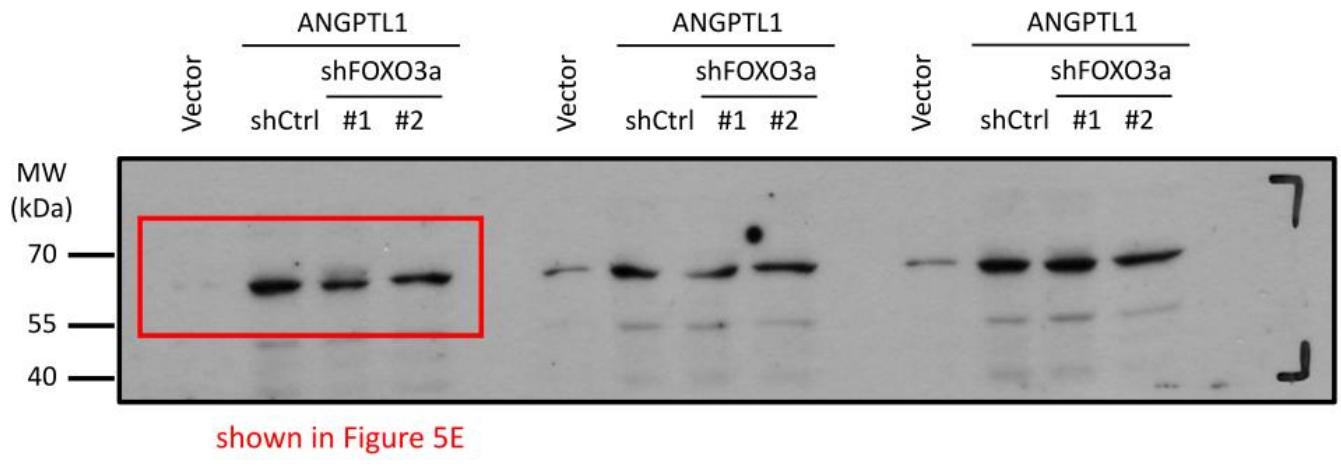
Protein: α -tubulin (55 kDa)



49. Figure 5E

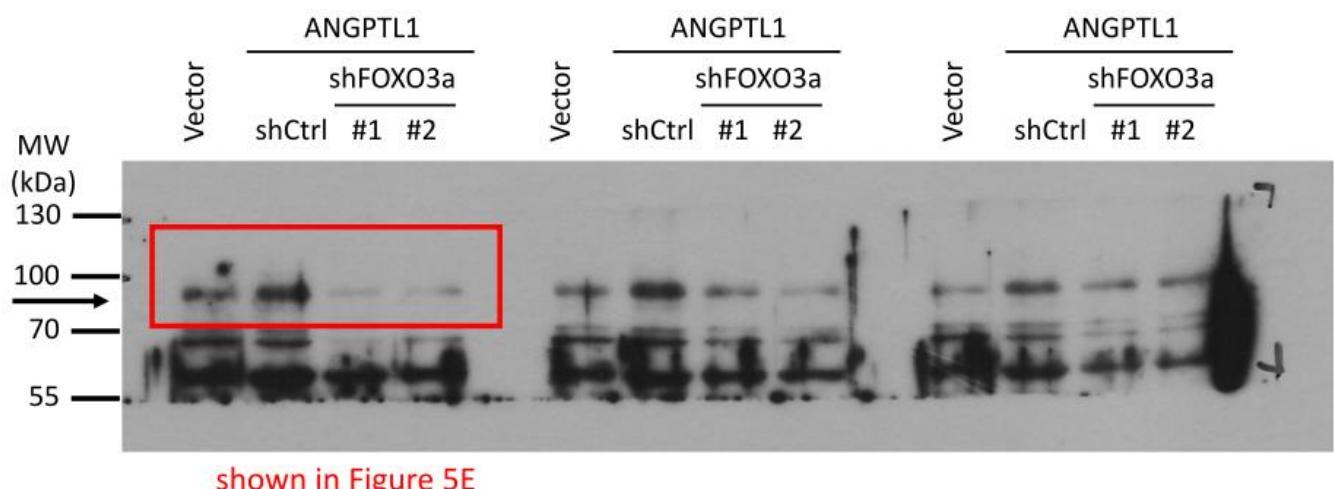
Cell: HCT116 cells

Protein: ANGPTL1 (57 kDa)



50. Figure 5E

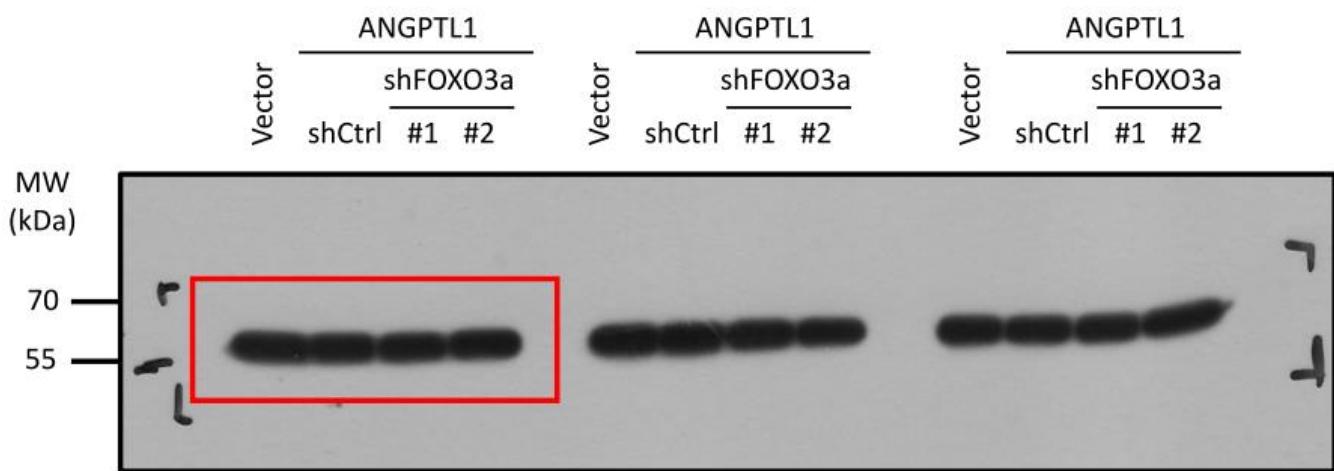
Cell: HCT116 cells
Protein: FOXO3a (90 kDa)



shown in Figure 5E

51. Figure 5E

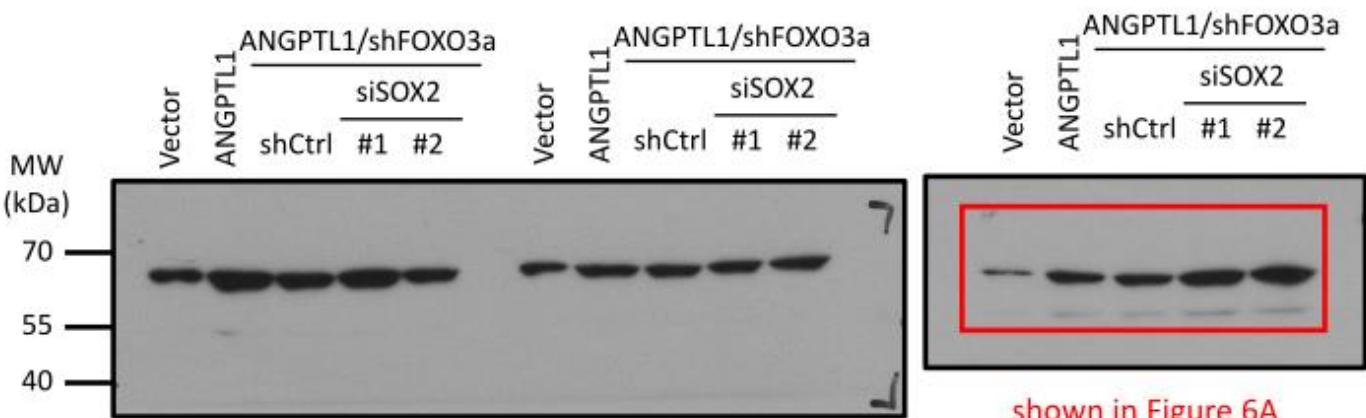
Cell: HCT116 cells
Protein: α -tubulin (55 kDa)



shown in Figure 5E

52. Figure 6A

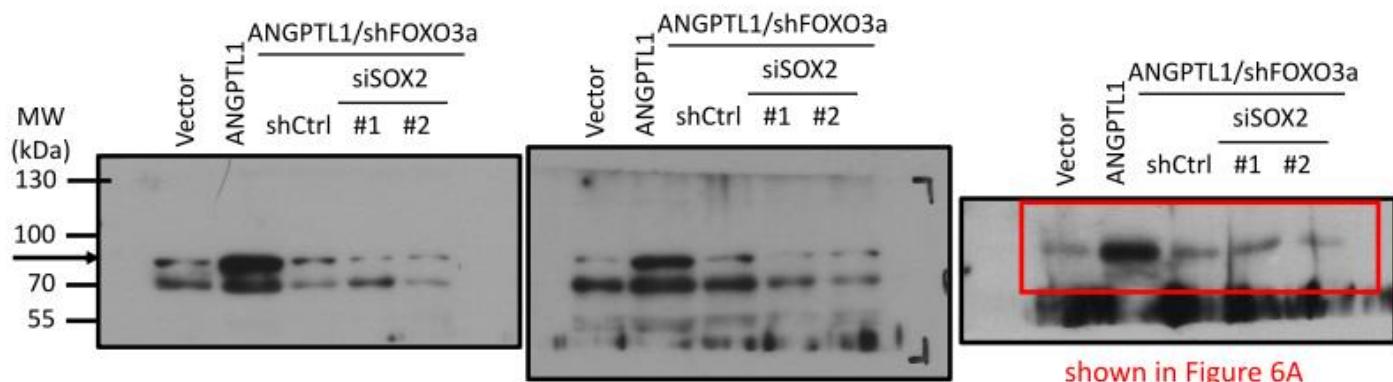
Cell: HCT116 cells
Protein: ANGPTL1 (57 kDa)



shown in Figure 6A

53. Figure 6A

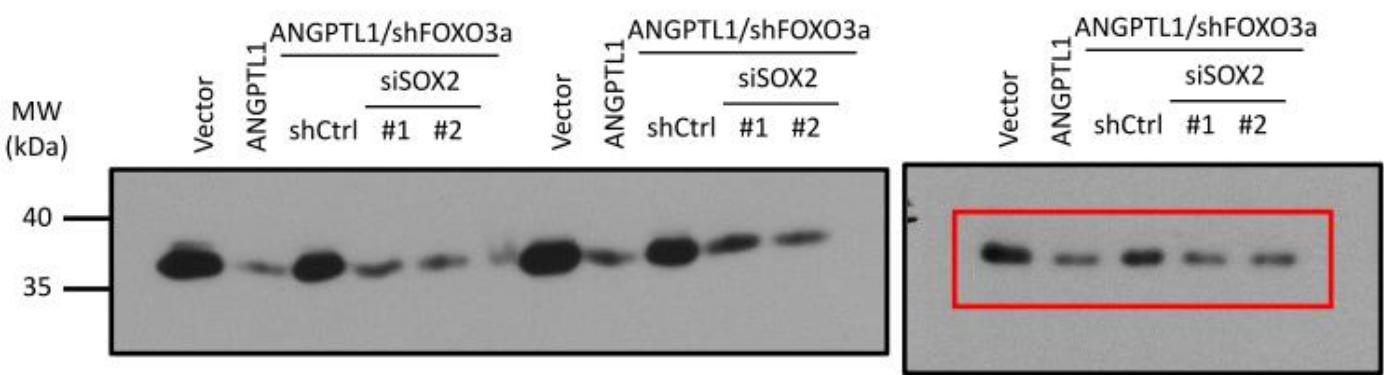
Cell: HCT116 cells
Protein: FOXO3a (90 kDa)



shown in Figure 6A

54. Figure 6A

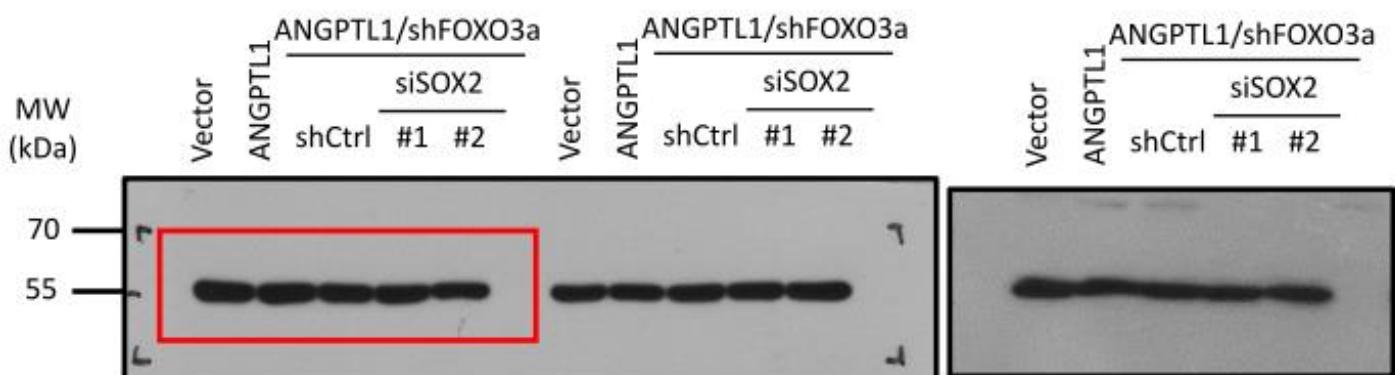
Cell: HCT116 cells
Protein: SOX2 (35 kDa)



shown in Figure 6A

55. Figure 6A

Cell: HCT116 cells
Protein: α -tubulin (55 kDa)



shown in Figure 6A