Figure 2b: GATA-4 expression in WHO I, II, and III meningioma tissue lysates
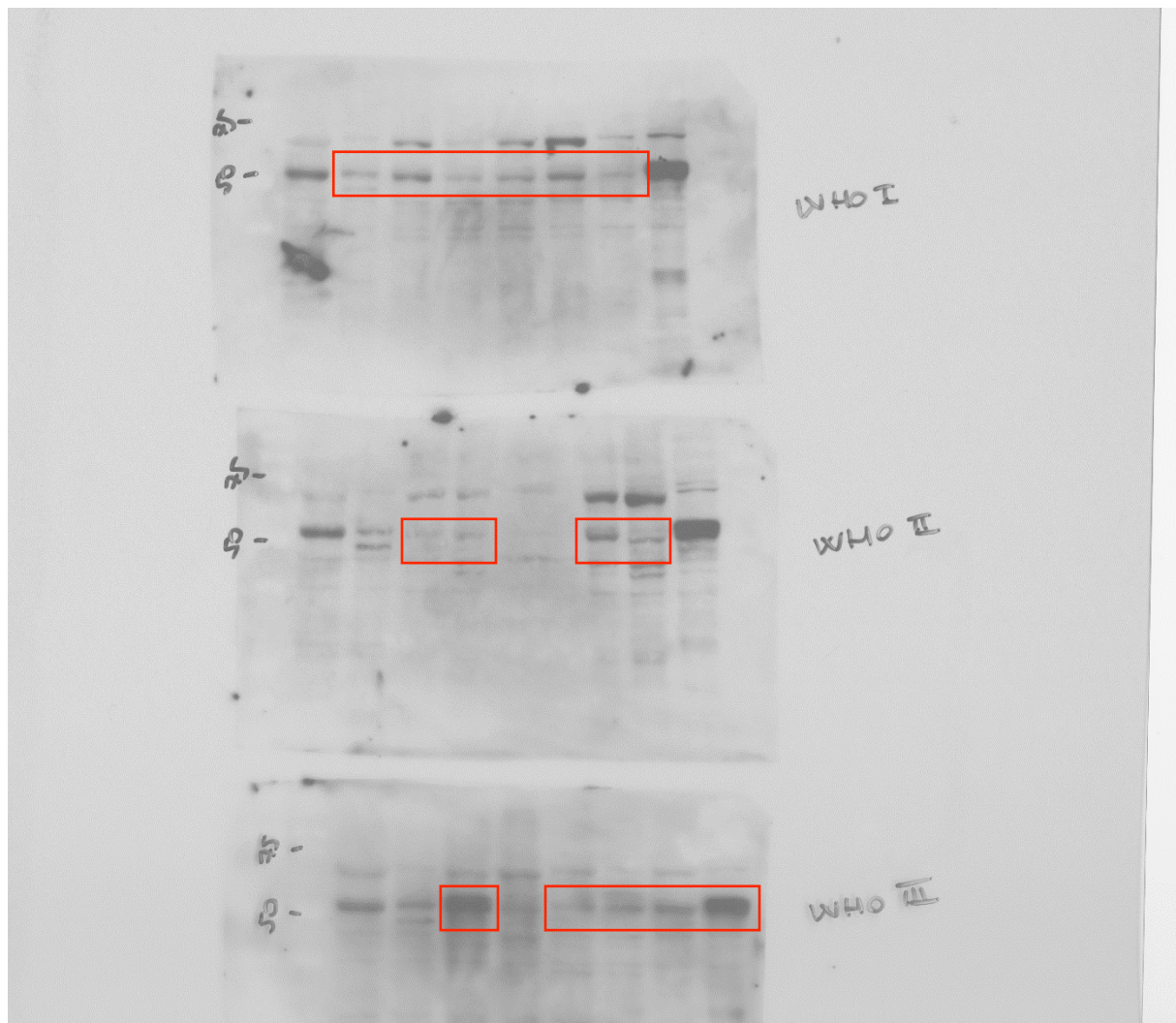
Loading order:

WHO I: NMT1, NMT2, J5, J8, MN005, J19, MN176, KT21-MG1

WHO II: NMT1, NMT2, J2, J4, MN001, J24, J25, KT21-MG1

WHO III: NMT1, NMT2, J10, J16, J17, J29, J30, KT21-MG1

Ab: anti-GATA-4

Red boxes show the lanes included in the Figures file

Figure 2b: GATA-4 expression in WHO I, II, and III meningioma tissue lysates
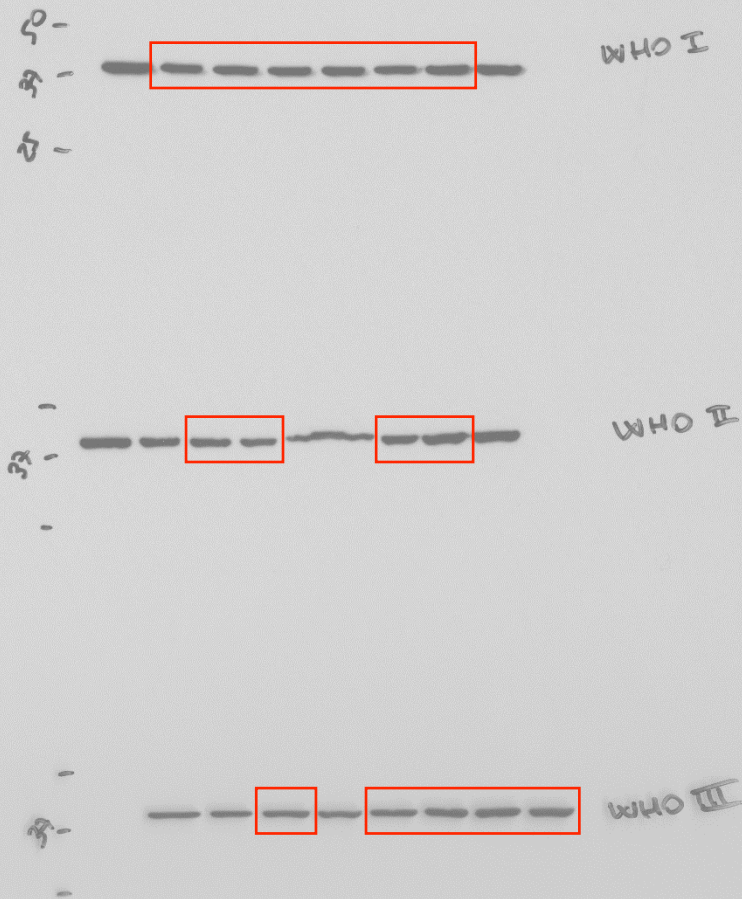Loading order:
WHO I: NMT1, NMT2, J5, J8, MN005, J19, MN176, KT21-MG1
WHO II: NMT1, NMT2, J2, J4, MN001, J24, J25, KT21-MG1
WHO III: NMT1, NMT2, J10, J16, J17, J29, J30, KT21-MG1
Ab: anti-GAPDH
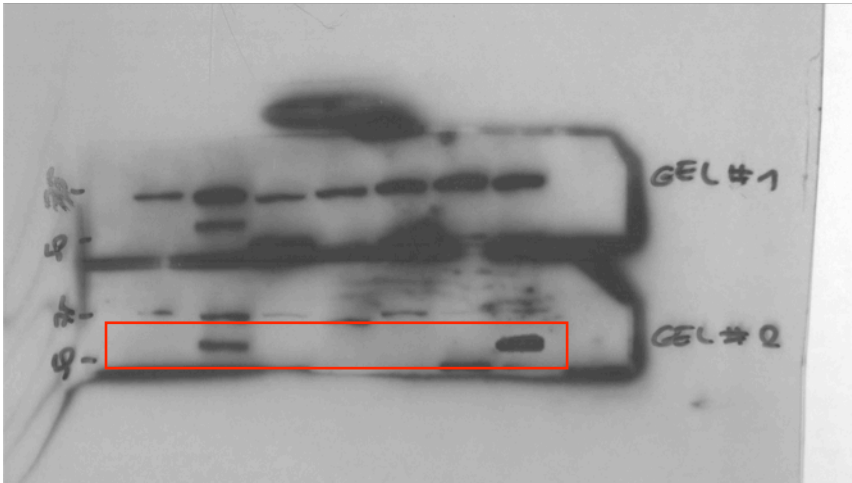Red boxes show the lanes included in the Figures file

Figure 2e: GATA-4 expression in HMC, KT21-MG1, and WHO I PDMN cells

Loading order:

Gel #2: HMC, KT21-MG1, MN078,MN091, MN102, MN126, MN056

Ab: anti-GATA-4
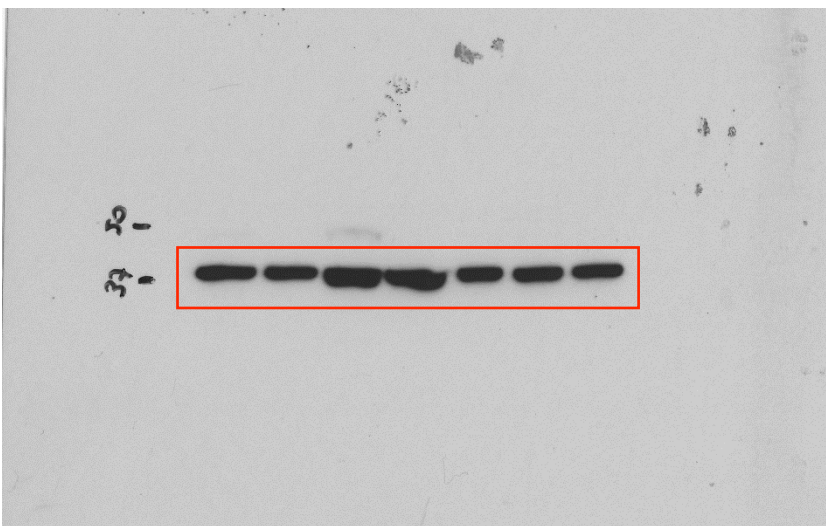
Red boxes show the lanes included in the Figures file

Figure 2e: GATA-4 expression in HMC, KT21-MG1, and WHO I PDMN cells

Loading order: HMC, KT21-MG1, MN078,MN091, MN102, MN126, MN056

Ab: anti-GAPDH
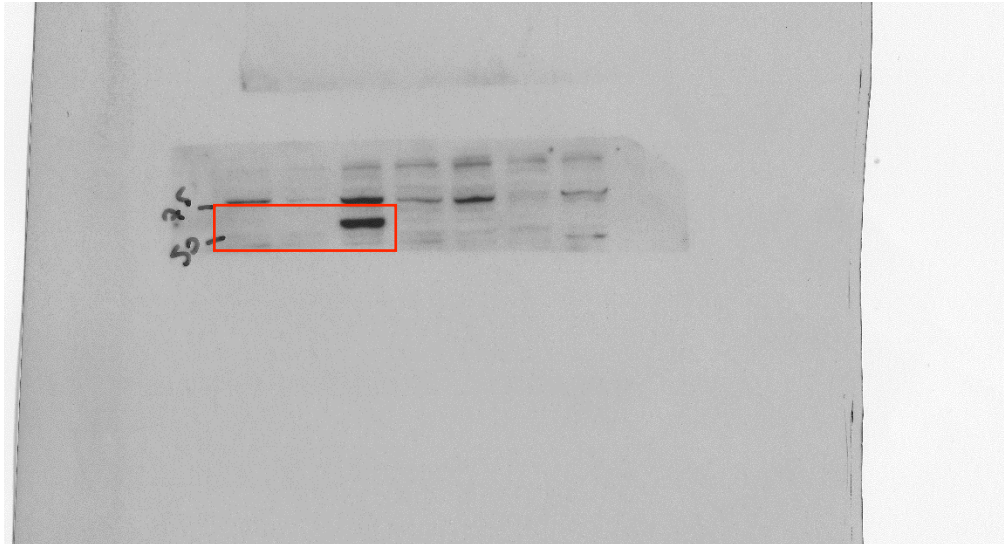
Red boxes show the lanes included in the Figures file

Figure 2f: GATA-4 expression in HMC, Ben-Men-1, and KT21-MG1
Loading order: HMC, Ben-Men-1, KT21-MG1, IOMM-Lee, HeLa, U87, U251
Ab: anti-GATA-4
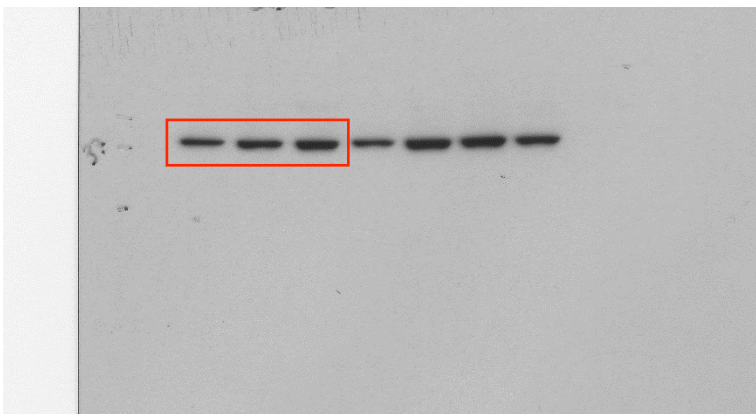Red boxes show the lanes included in the Figures file

Figure 2e: GATA-4 expression in HMC, Ben-Men-1, and KT21-MG1
Loading order: HMC, Ben-Men-1, KT21-MG1, IOMM-Lee, HeLa, U87, U251
Ab: anti-GAPDH
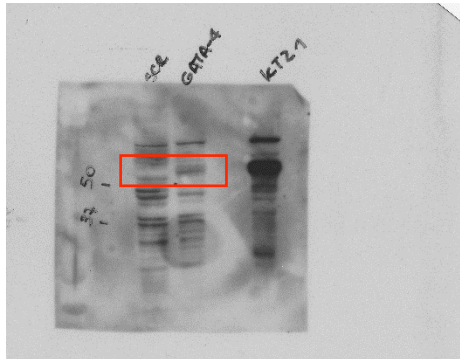Red boxes show the lanes included in the Figures file

Figure 3a: GATA-4 overexpression in Ben-Men-1
Loading order: p-Lenti-GIII-*GFP*, p-Lenti-GIII-*GATA4*
Ab: anti-GATA-4
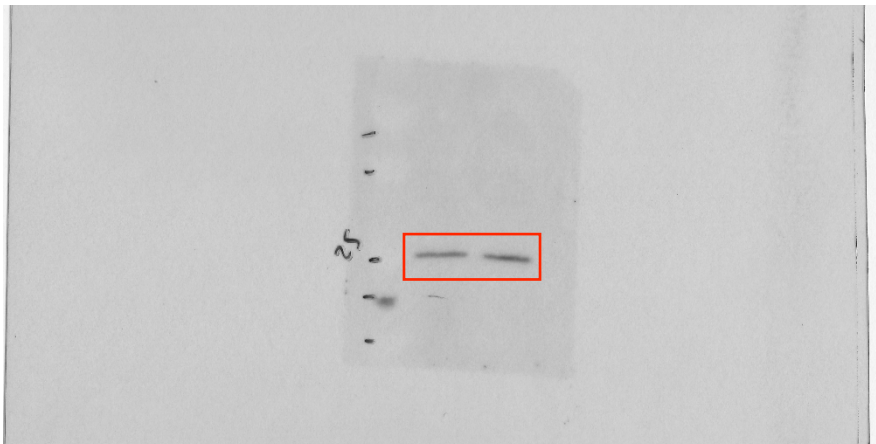Red boxes show the lanes included in the Figures file

Figure 3a: GATA-4 overexpression in Ben-Men-1
Loading order: p-Lenti-GIII-*GFP*, p-Lenti-GIII-*GATA4*
Ab: anti-Bcl2
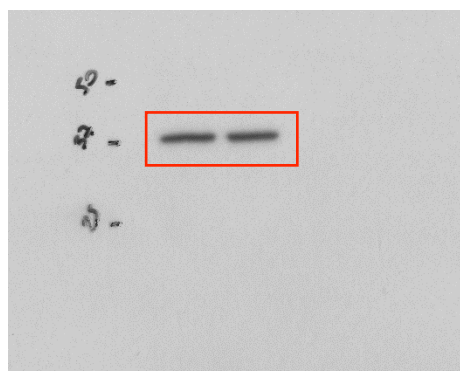Red boxes show the lanes included in the Figures file

Figure 3a: GATA-4 overexpression in Ben-Men-1
Loading order: p-Lenti-GIII-*GFP*, p-Lenti-GIII-*GATA4*
Ab: anti-GAPDH
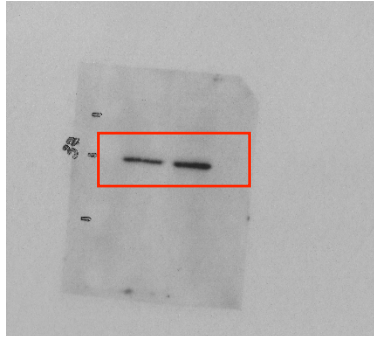Red boxes show the lanes included in the Figures file

Figure 3c: GATA-4 overexpression in Ben-Men-1
Loading order: p-Lenti-GIII-*GFP*, p-Lenti-GIII-*GATA4*
Ab: anti-Cyclin D1
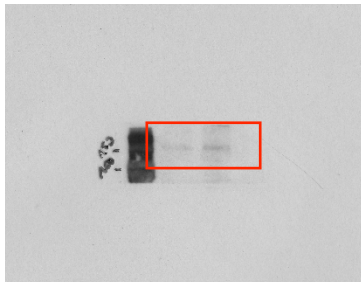Red boxes show the lanes included in the Figures file

Figure 3c: GATA-4 overexpression in Ben-Men-1
Loading order: p-Lenti-GIII-*GFP*, p-Lenti-GIII-*GATA4*
Ab: anti-pRb
Red boxes show the lanes included in the Figures file

Figure 3c: GATA-4 overexpression in Ben-Men-1
Loading order: p-Lenti-GIII-*GFP*, p-Lenti-GIII-*GATA4*
Ab: anti-Rb
Red boxes show the lanes included in the Figures file

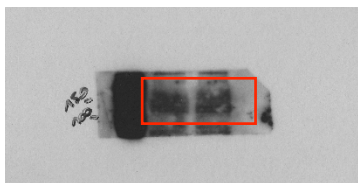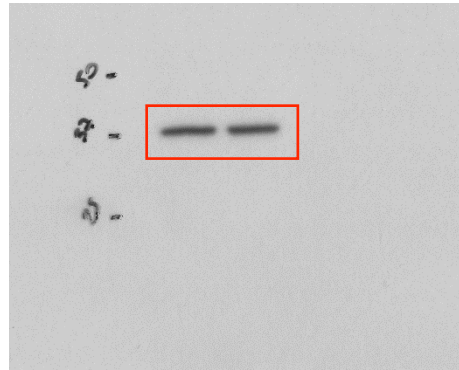**Figure 3a: GATA-4 overexpression in Ben-Men-1**
Loading order: p-Lenti-GIII-*GFP*, p-Lenti-GIII-*GATA4*
Ab: anti-GAPDH
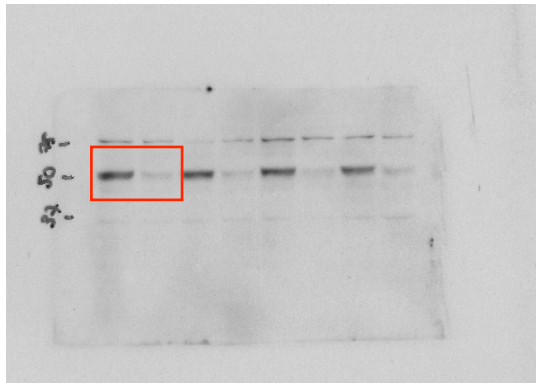Red boxes show the lanes included in the Figures file

Figure 4a: Lentiviral-mediated GATA-4 interference in KT21-MG1

Loading order: scramble, shGATA4, scramble + vehicle, shGATA4 + vehicle, scramble + inhibitor 1, shGATA4 + inhibitor 1, scramble + inhibitor 2, shGATA4 + inhibitor 2

Ab: anti-GATA

Red boxes show the lanes included in the Figures file

Figure 4a: Lentiviral-mediated GATA-4 interference in KT21-MG1

Loading order: scramble, shGATA4, , scramble + vehicle, shGATA4 + vehicle, scramble + inhibitor 1, shGATA4 + inhibitor 1, scramble + inhibitor 2, shGATA4 + inhibitor 2

Ab: anti-Bcl2
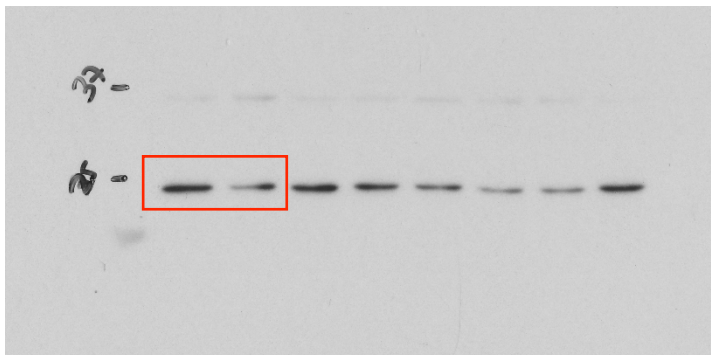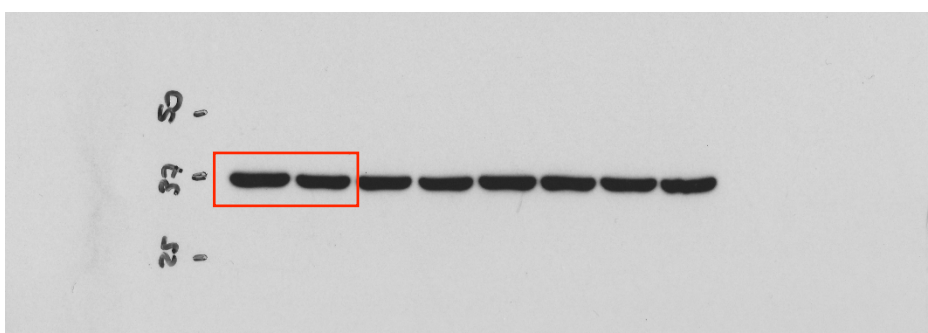
Red boxes show the lanes included in the Figures file

Figure 4a: Lentiviral-mediated GATA-4 interference in KT21-MG1

Loading order: scramble, shGATA4, scramble + vehicle, shGATA4 + vehicle, scramble + inhibitor 1, shGATA4 + inhibitor 1, scramble + inhibitor 2, shGATA4 + inhibitor 2

Ab: anti-GAPDH

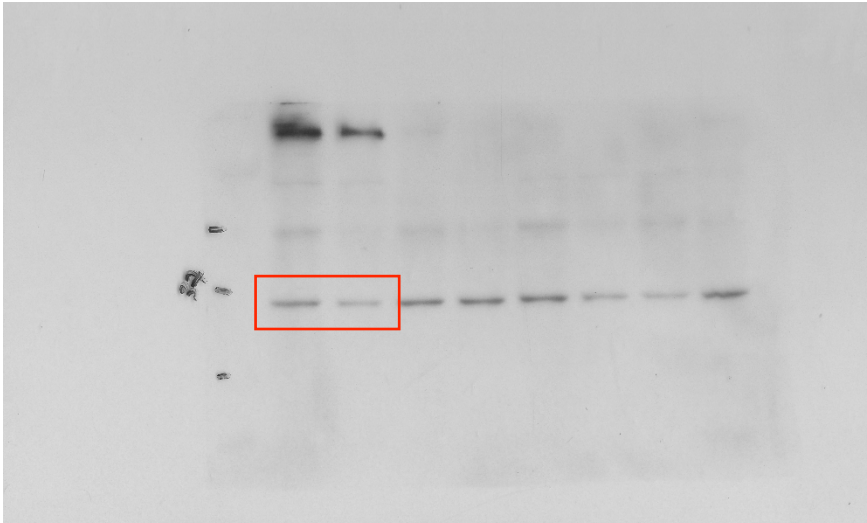Red boxes show the lanes included in the Figures file

Figure 4c: Lentiviral-mediated GATA-4 interference in KT21-MG1

Loading order: scramble, sh*GATA4,* scramble + vehicle, sh*GATA4* + vehicle, scramble + inhibitor 1, sh*GATA4* + inhibitor 1, scramble + inhibitor 2, sh*GATA4* + inhibitor 2

Ab: anti-Cyclin D1

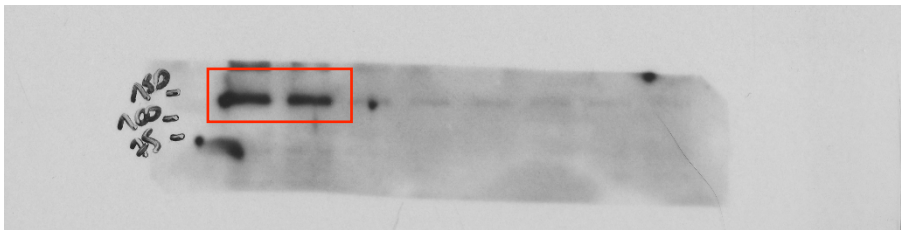Red boxes show the lanes included in the Figures file

Figure 4c: Lentiviral-mediated GATA-4 interference in KT21-MG1

Loading order: scramble, sh*GATA4,* scramble + vehicle, sh*GATA4* + vehicle, scramble + inhibitor 1, sh*GATA4* + inhibitor 1, scramble + inhibitor 2, sh*GATA4* + inhibitor 2

Ab: anti-pRb

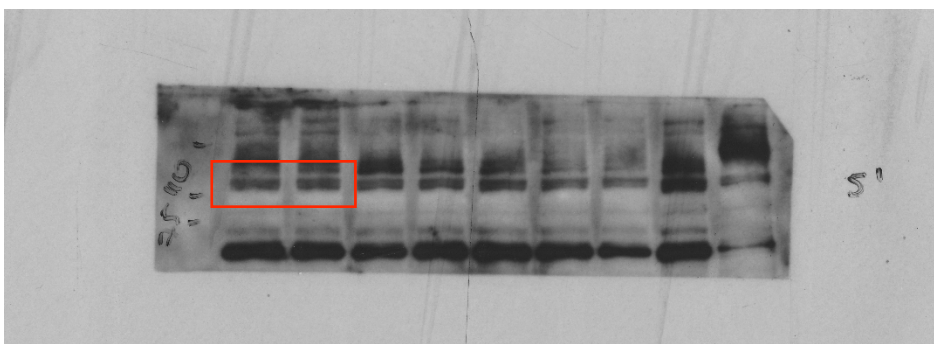Red boxes show the lanes included in the Figures file

Figure 4c: Lentiviral-mediated GATA-4 interference in KT21-MG1

Loading order: scramble, sh*GATA4,* scramble + vehicle, sh*GATA4* + vehicle, scramble + inhibitor 1, sh*GATA4* + inhibitor 1, scramble + inhibitor 2, sh*GATA4* + inhibitor 2

Ab: anti-Rb
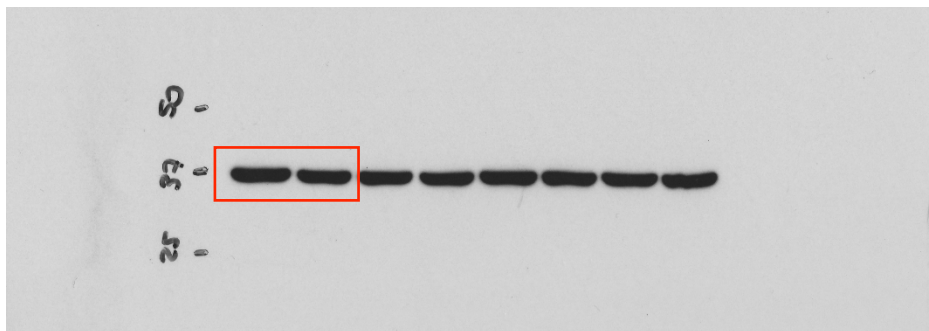
Red boxes show the lanes included in the Figures file

Figure 4c: Lentiviral-mediated GATA-4 interference in KT21-MG1

Loading order: scramble, shGATA4, scramble + vehicle, shGATA4 + vehicle, scramble + inhibitor 1, shGATA4 + inhibitor 1, scramble + inhibitor 2, shGATA4 + inhibitor 2

Ab: anti-GAPDH

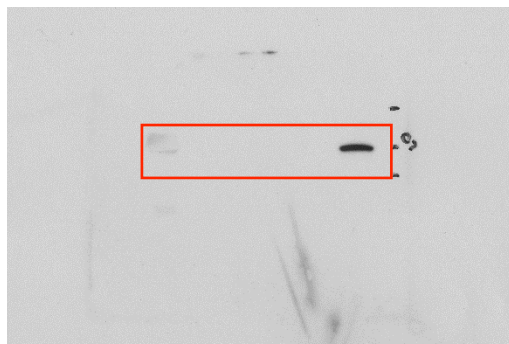Red boxes show the lanes included in the Figures file

Figure 5a: GATA-4 expression in HMC, MOS0718, MOS0319, MOS0318, KT21-MG1

Loading order: HMC, MOS0718, MOS0319, MOS0318, KT21-MG1
Ab: anti-GATA-4
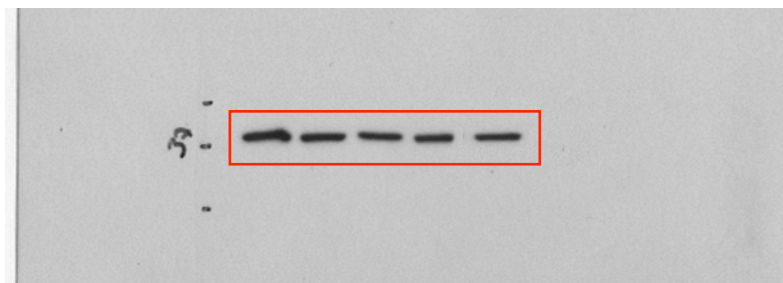Red boxes show the lanes included in the Figures file

Figure 5a: GATA-4 expression in HMC, MOS0718, MOS0319, MOS0318, KT21-MG1

Loading order: HMC, MOS0718, MOS0319, MOS0318, KT21-MG1
Ab: anti-GAPDH
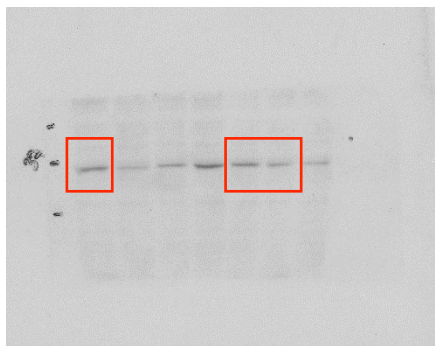Red boxes show the lanes included in the Figures file

Figure 5a: GATA-4 inhibition via NSC140905
Loading order: Vehicle (0·1% DMSO), CTRL, 12·5 μM, 25 μm, 50 μM, 100 μM, 200 μM (loading mistake)
Ab: anti-Cyclin D1
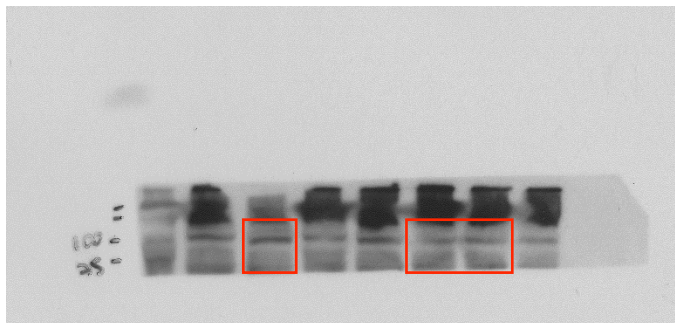Red boxes show the lanes included in the Figures file

Figure 5a: GATA-4 inhibition via NSC140905
Loading order: CTRL, Vehicle (0·1% DMSO), 12·5 μM, 25 μm, 50 μM, 100 μM, 200 μM
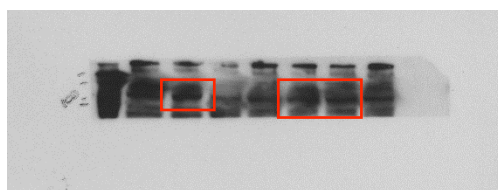**Ab: anti-pRb**
Red boxes show the lanes included in the Figures file

Figure 5a: GATA-4 inhibition via NSC140905
Loading order: CTRL, Vehicle (0·1% DMSO), 12·5 μM, 25 μm, 50 μM, 100 μM, 200 μM
Ab: anti-Rb
Red boxes show the lanes included in the Figures file

Figure 5a: GATA-4 inhibition via NSC140905
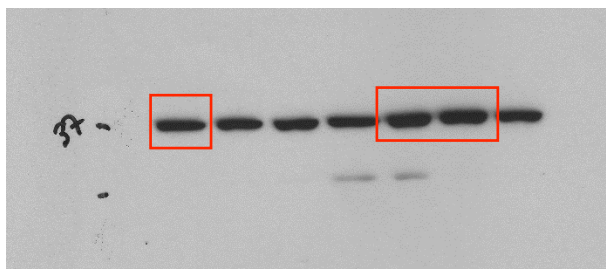
Loading order: Vehicle (0·1% DMSO), CTRL, 12·5 μM, 25 μm, 50 μM, 100 μM, 200 μM (loading mistake)

Ab: anti-GAPDH

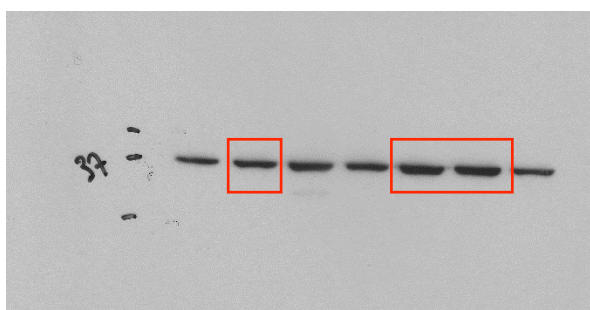Red boxes show the lanes used for densitometry analysis for Cyclin D1 (to account for the loading mistake)

Figure 5a: GATA-4 inhibition via NSC140905

Loading order: CTRL, Vehicle (0·1% DMSO), 12·5 μM, 25 μm, 50 μM, 100 μM, 200 μM

Ab: anti-GAPDH

Red boxes show the lanes included in the Figures file

Figure 5b: GATA-4 inhibition via NSC140905

Loading order: CTRL, Vehicle (0·1% DMSO), 12·5 µM, 25 µm, 50 µM, 100 µM, 200 µM (loading mistake)
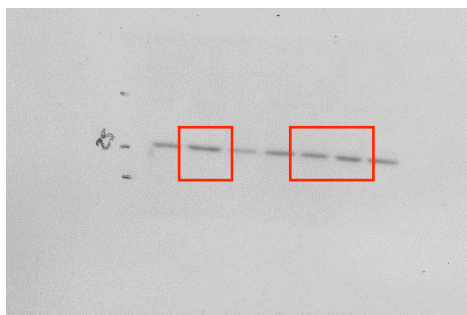
Ab: anti-Bcl2

Red boxes show the lanes included in the Figures file

Figure 5b: GATA-4 inhibition via NSC140905

Loading order: CTRL, Vehicle (0·1% DMSO), 12·5 µM, 25 µm, 50 µM, 100 µM, 200 µM

Ab: anti-GAPDH

Red boxes show the lanes included in the Figures file