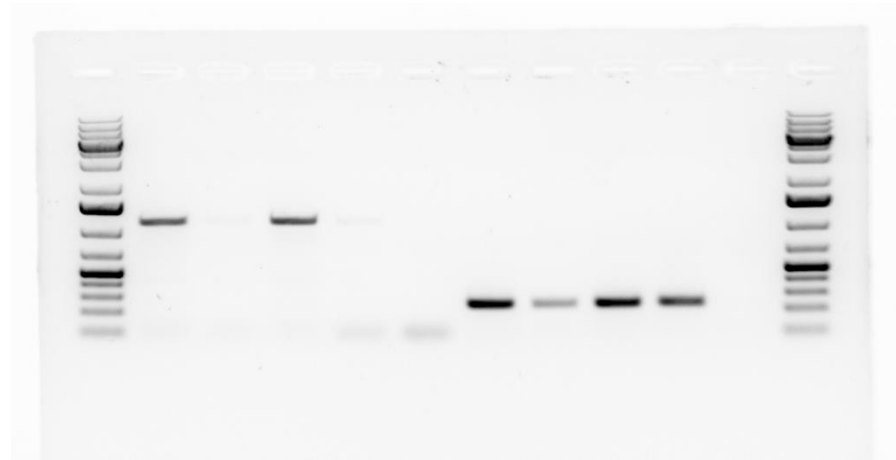**Figure 1 – figure supplement 2.** Original gel images from RT-PCR.
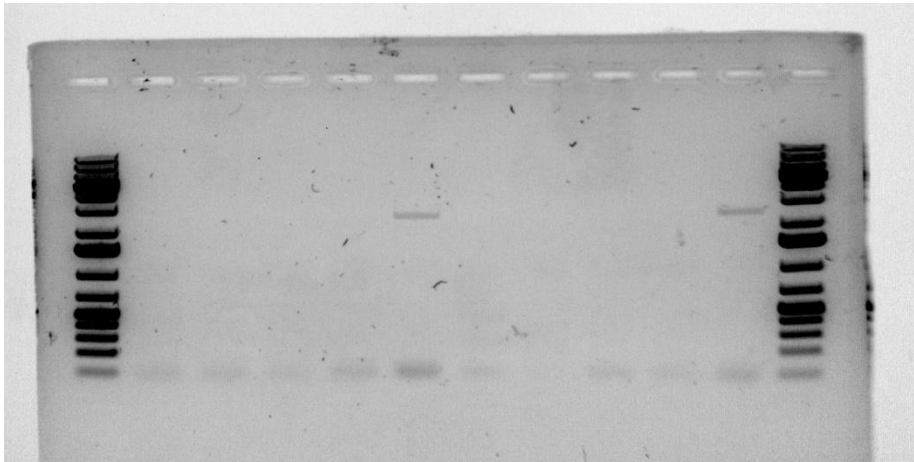
B. K562 HDAC4 NS

       Column 1 – Generuler 1kb + Ladder
       Column 2 – run-on transcript 5 days -dox
       Column 3 – run-on transcript 5 days +dox mCherry spike
       Column 4 – run-on transcript 20 days -dox
       Column 5 – run-on transcript 20 days +dox
       Column 6 – run-on transcript no reverse transcriptase control
       Column 7 – beta-actin control 5 days -dox
       Column 8 – beta-actin control 5 days +dox mCherry spike
       Column 9 – beta-actin control 20 days -dox
       Column 10 – beta-actin control 20 days +dox
       Column 11 – beta-actin no reverse transcriptase control
       Column 12 – Generuler 1kb + Ladder

F. CHO HDAC4 SH

Run-on transcript (left gel in panel F)

       Column 1 – Generuler 1kb + Ladder
       Column 2 – clone 21 cDNA day 0
       Column 3 – clone 21 cDNA day 1
       Column 4 – clone 21 cDNA day 5
       Column 5 – clone 21 no reverse transcriptase control
       Column 6 – clone 21 gDNA
       Column 7 – clone 26 cDNA day 0
       Column 8 – clone 26 cDNA day 1
       Column 9 – clone 26 cDNA day 5
       Column 10 – clone 26 no reverse transcriptase control
       Column 11 – clone 26 gDNA
       Column 12 – Generuler 1kb + Ladder

Beta-actin control (right gel in panel F)

        Column 1 – Generuler 1kb + Ladder
        Column 2 – clone 21 cDNA day 0
        Column 3 – clone 21 cDNA day 1
        Column 4 – clone 21 cDNA day 5
        Column 5 – clone 21 no reverse transcriptase control
        Column 6 – no sample
        Column 7 – clone 26 cDNA day 0
        Column 8 – clone 26 cDNA day 1
        Column 9 – clone 26 cDNA day 5
        Column 10 – clone 26 no reverse transcriptase control
        Column 11 – no sample
        Column 12 – Generuler 1kb + Ladder