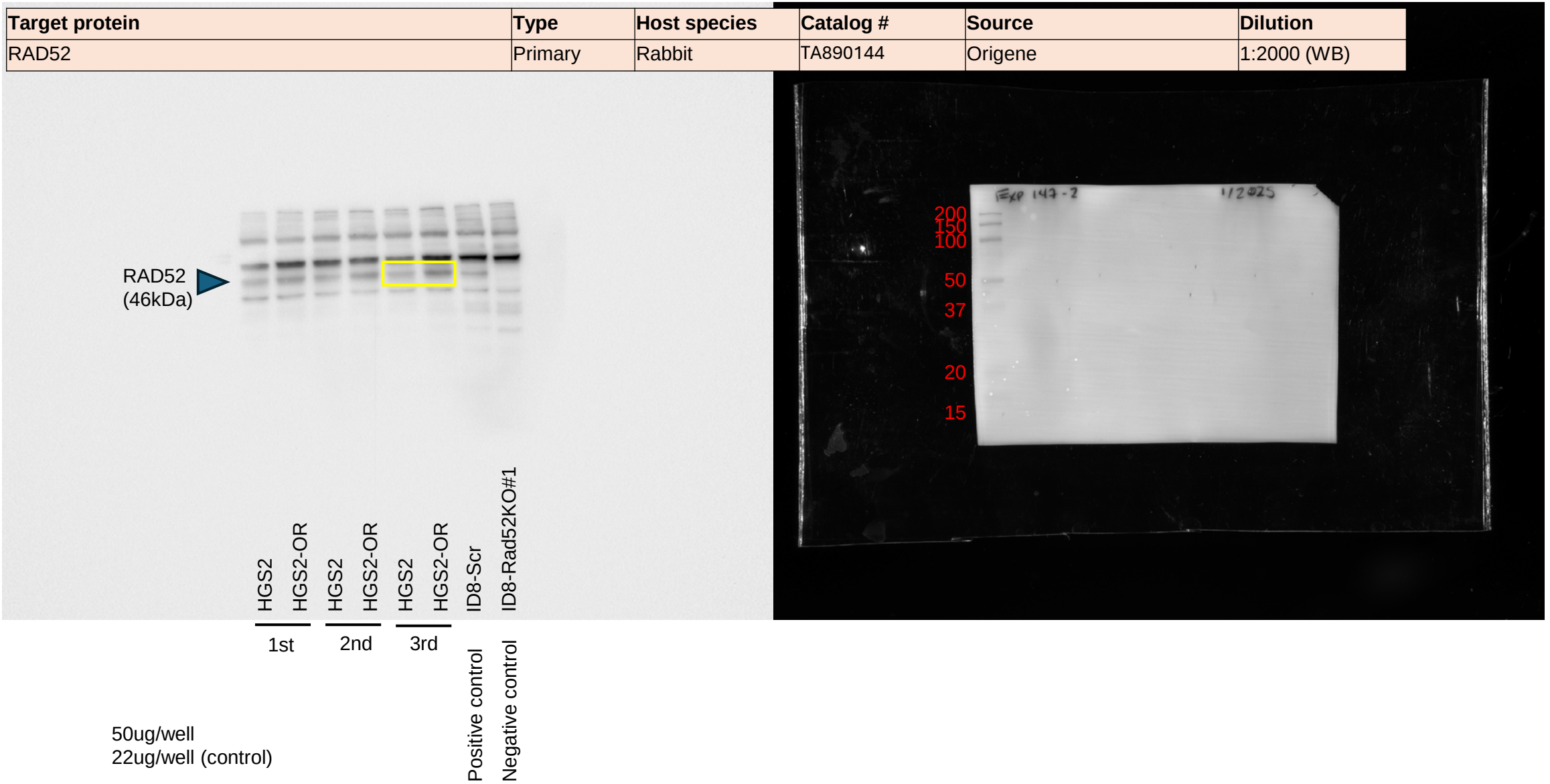
Figure 1i, WB, RAD52 expression,HGS2, HGS2-OR, 1st, 2nd,3rd round (Exp147-2)

Date 1/23/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
RAD52	Primary	Rabbit	TA890144	Origene	1:2000 (WB)



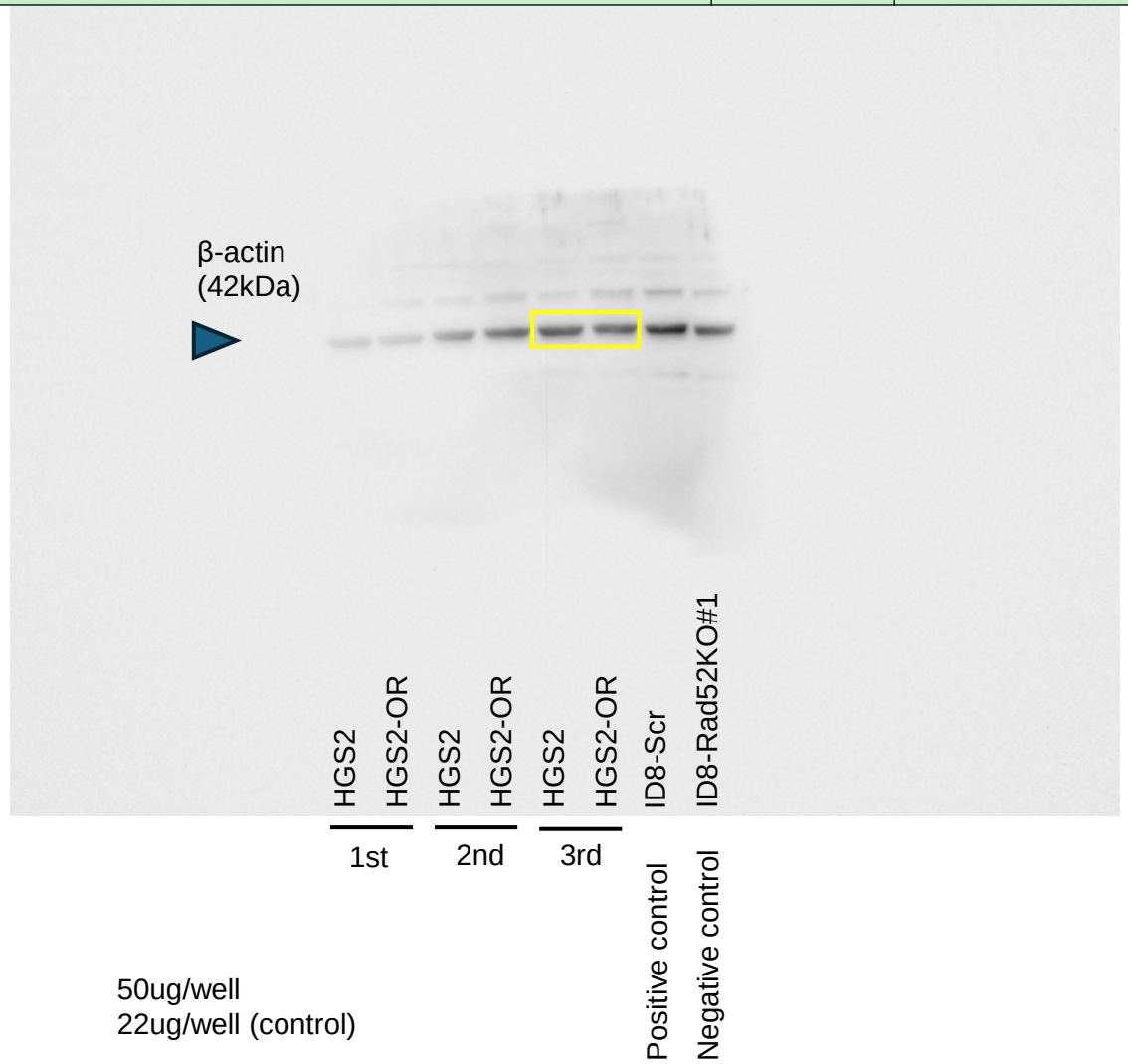
file name exp 147-2_rad52(2)_09(Chemiluminescence)

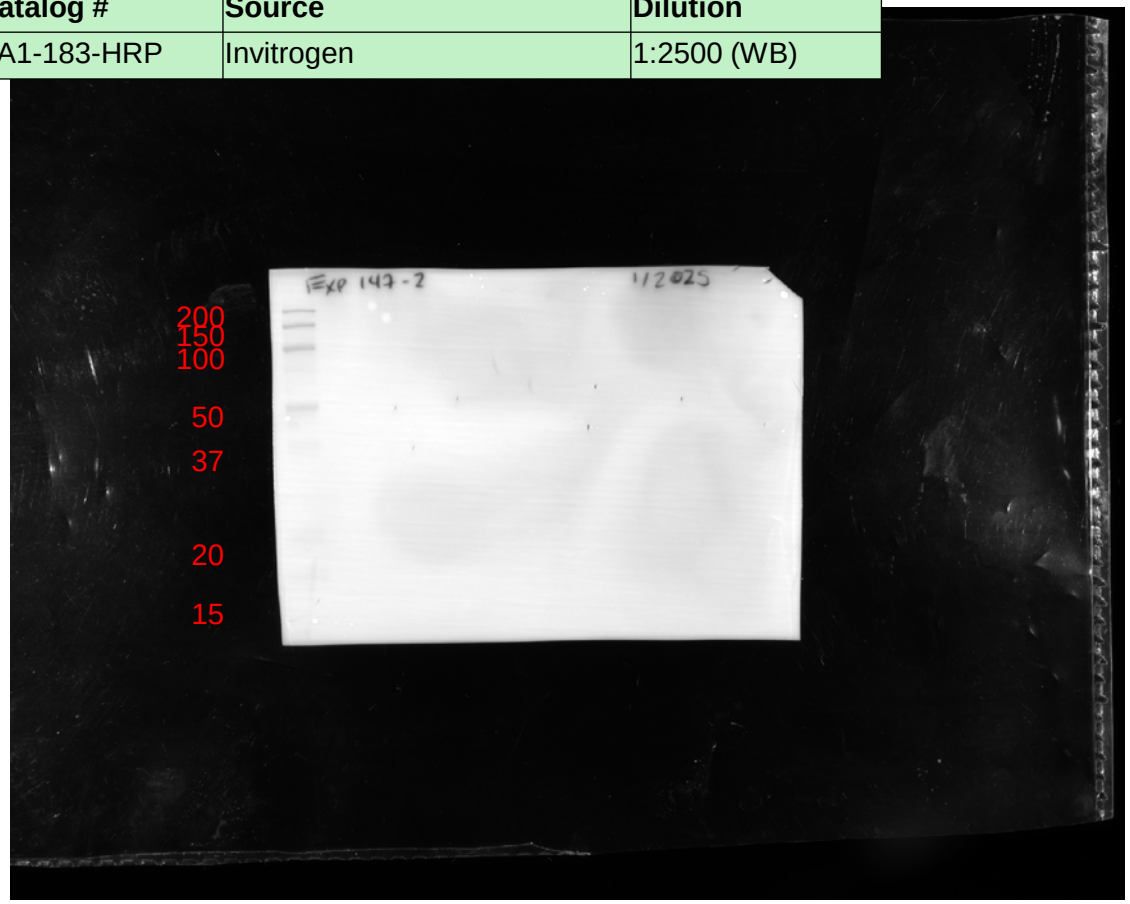
exp 147-2_rad52(2)_10(Colorimetric)

Figure 1i, WB, b-actin expression,HGS2, HGS2-OR, 1st, 2nd,3rd round (Exp147-2)

Date 1/24/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)





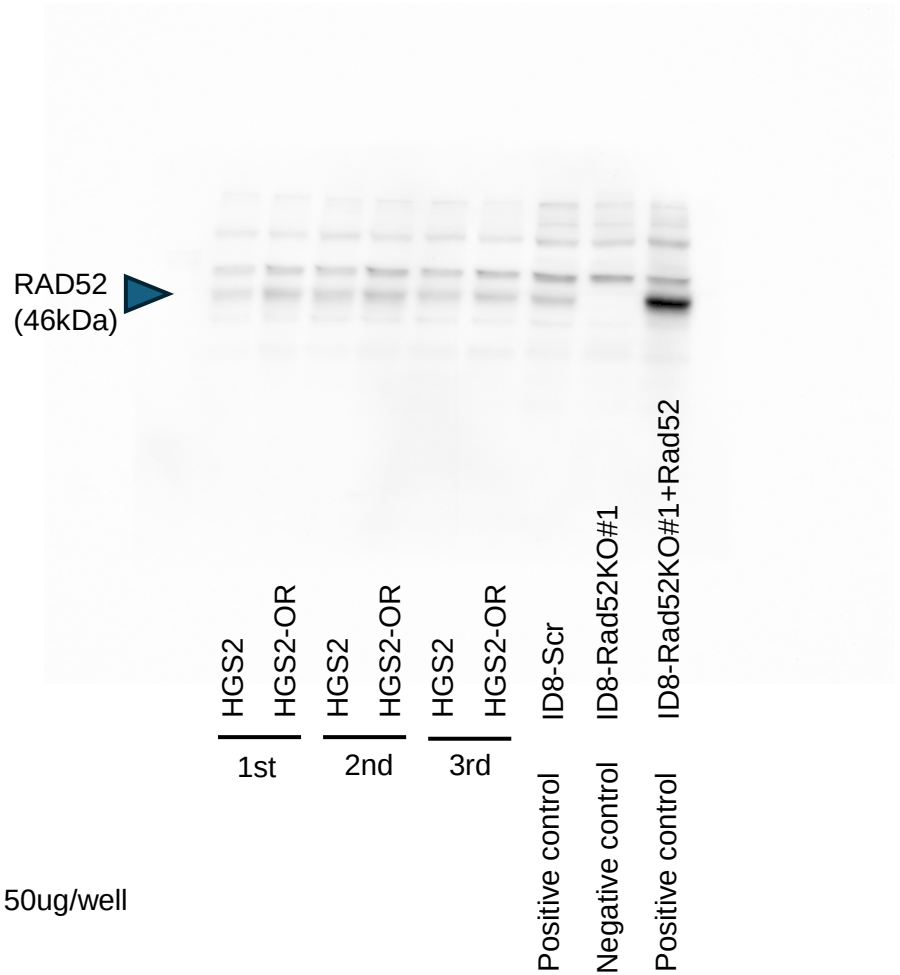
file name exp 147-2_B actin_09(Chemiluminescence)

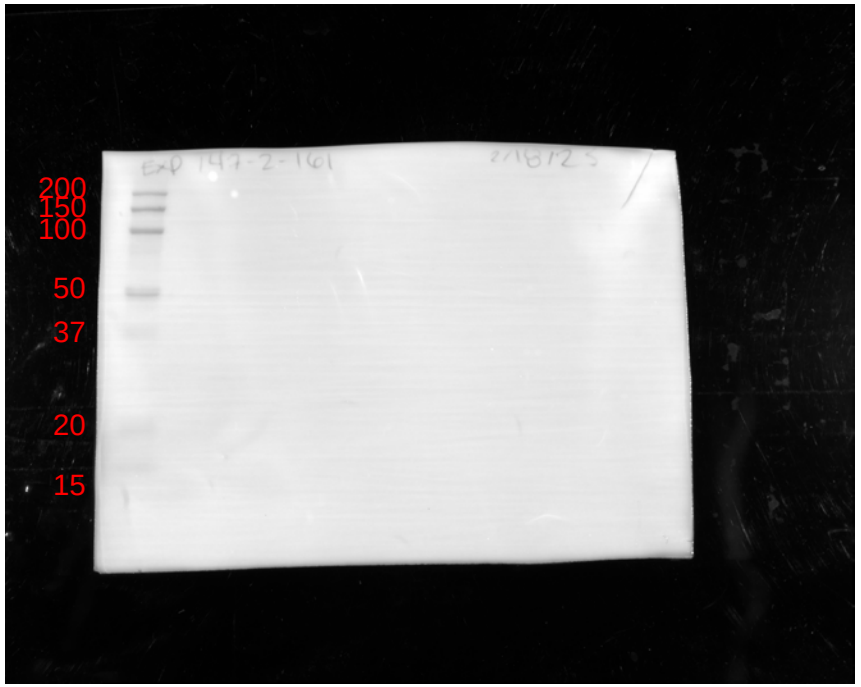
exp 147-2_B actin_10(Colorimetric)

Figure 1i, WB, RAD52 expression,HGS2, HGS2-OR, 4th, 5th,6th round (Exp147-2-161)

Date 2/19/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
RAD52	Primary	Rabbit	TA890144	Origene	1:2000 (WB)





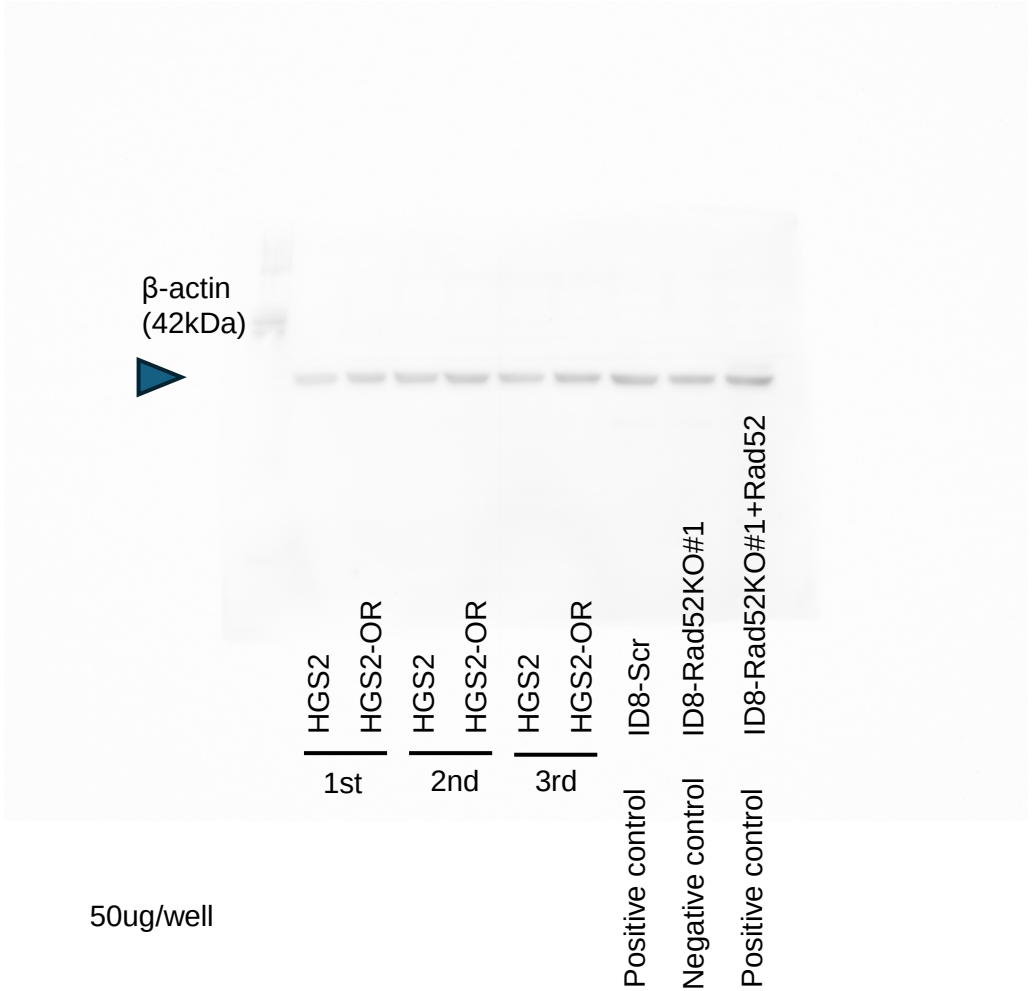
file name exp 147-2-161_Rad52_6

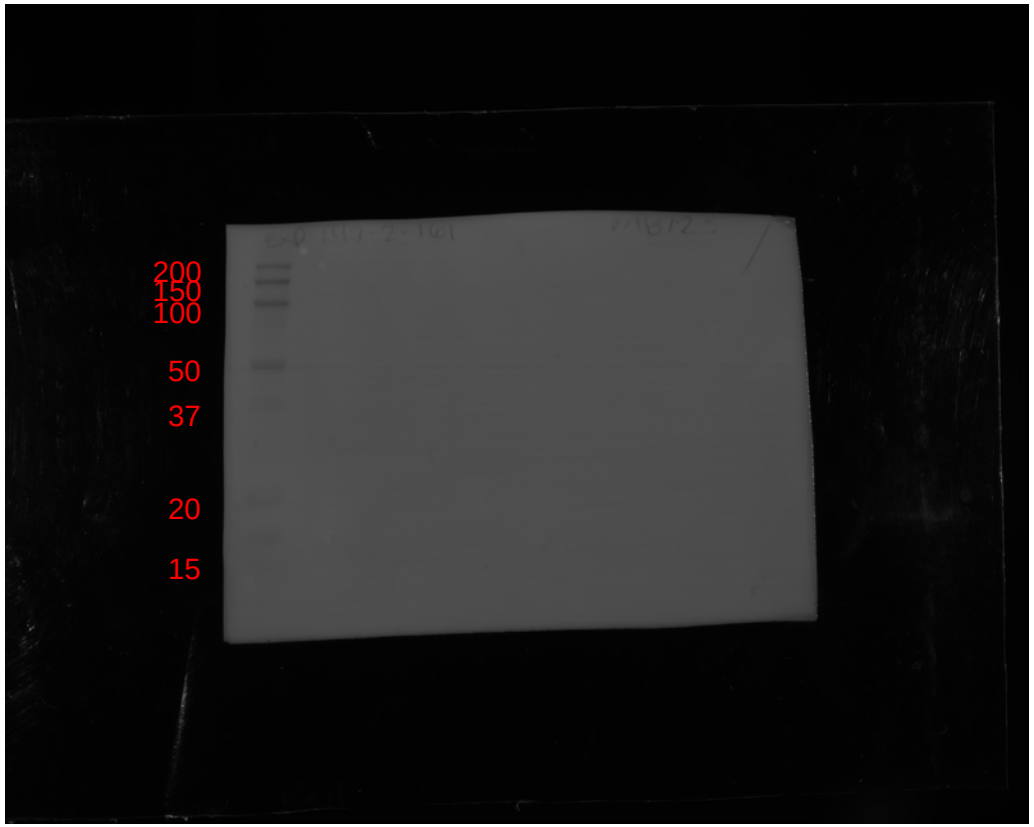
exp 147-2-161_Rad52_7

Figure 1i, WB, b-actin expression, HGS2, HGS2-OR, 4th, 5th,6th round (Exp147-2-161)

Date 2/20/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)





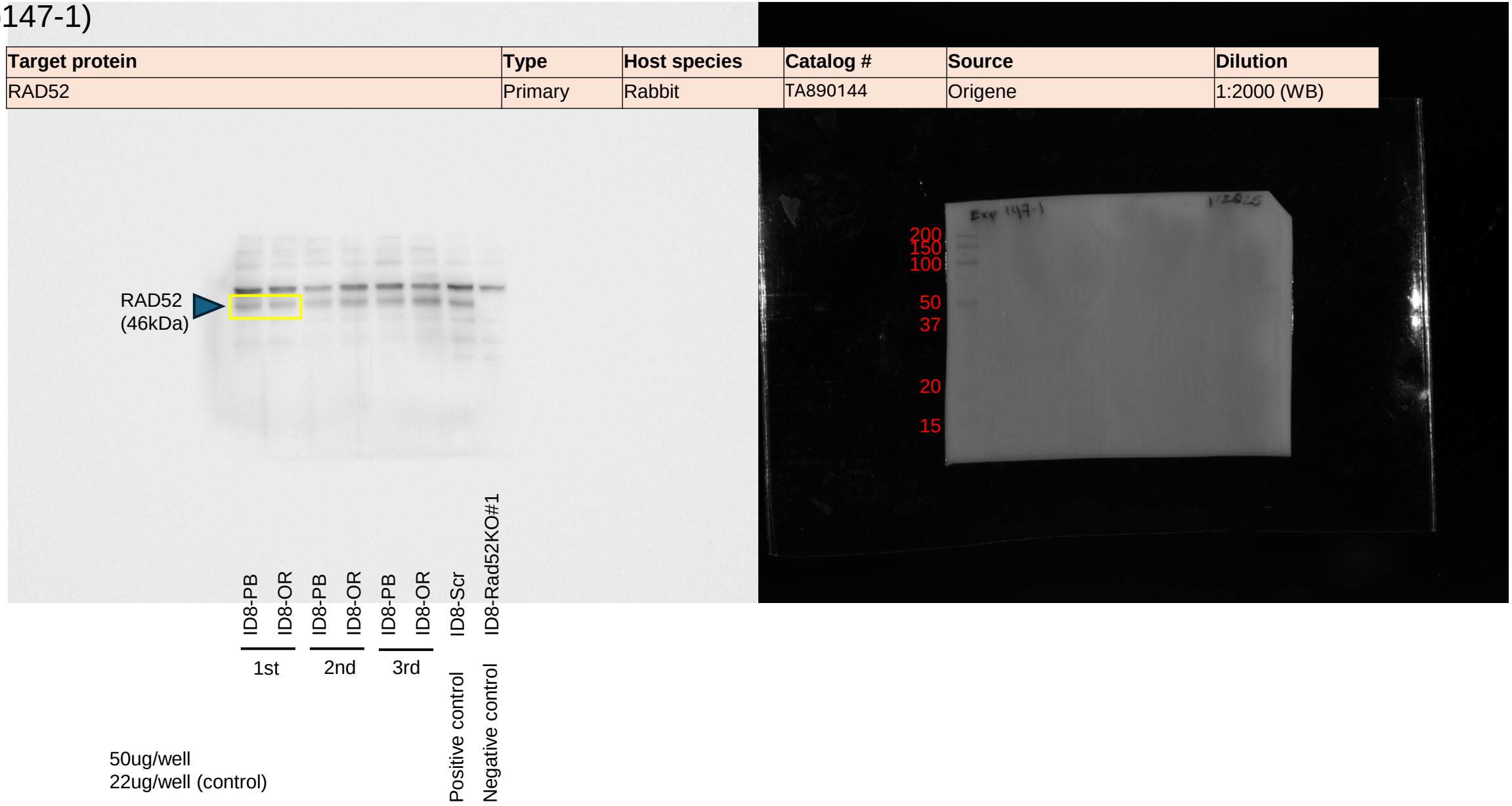
file name exp 147-2-161_B actin_6(Chemiluminescence).raw16

exp 147-2-161_B actin_7(Colorimetric).raw16

Figure 1i, WB, RAD52 expression, ID8-PB, ID8-OR, 1st, 2nd,3rd round (exp147-1)

Date 1/23/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
RAD52	Primary	Rabbit	TA890144	Origene	1:2000 (WB)

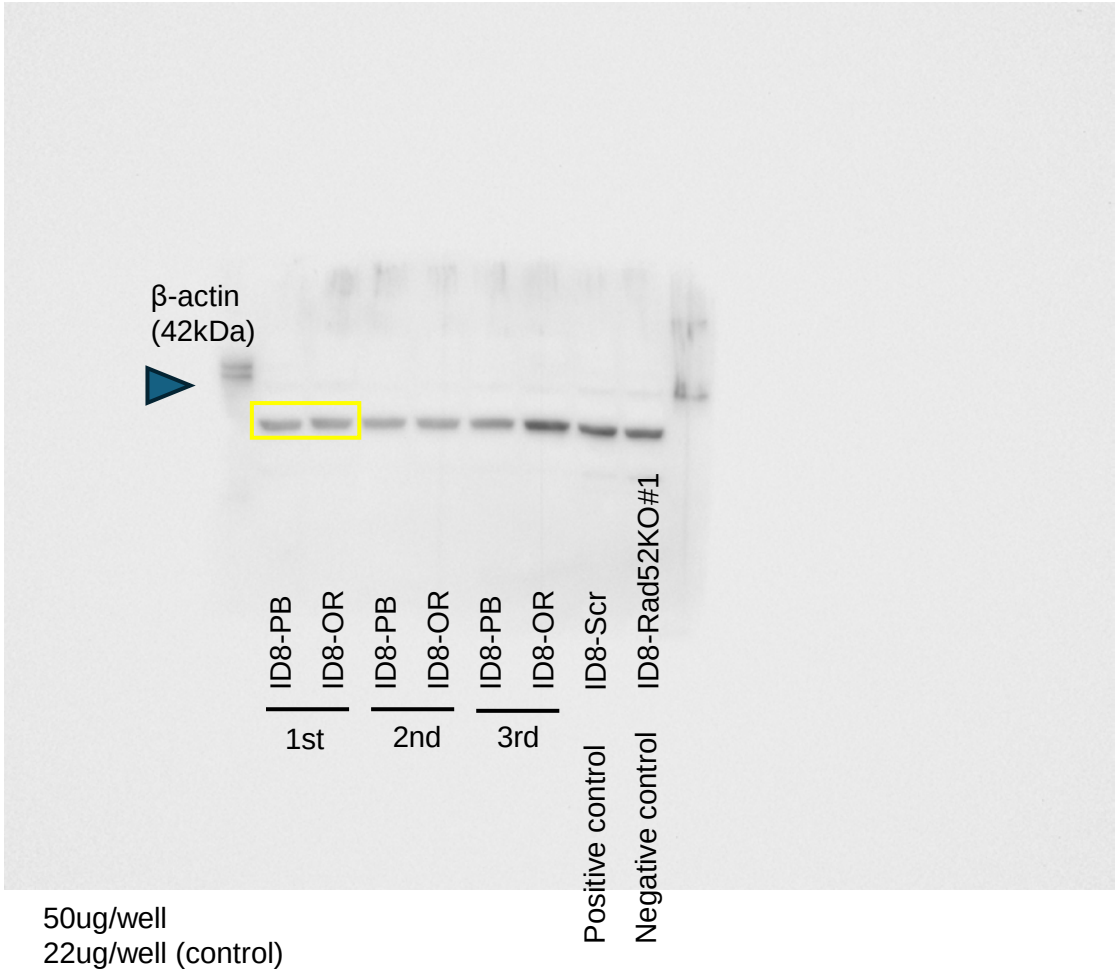


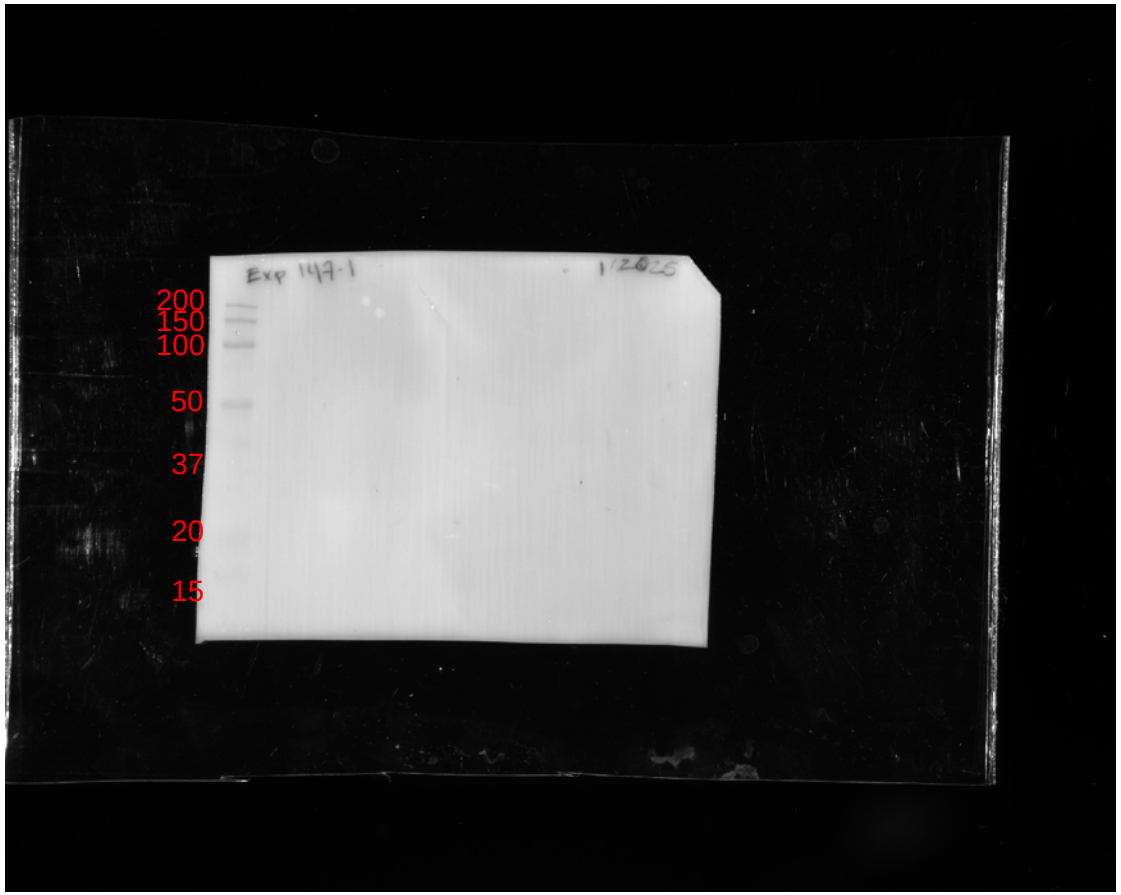
file name exp 147-1_rad52_09(Chemiluminescence) exp 147-1_rad52_10(Colorimetric)

Figure 1i, WB, b-actin expression, ID8-PB, ID8-OR,1st, 2nd,3rd round (exp147-1)

Date 1/27/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)





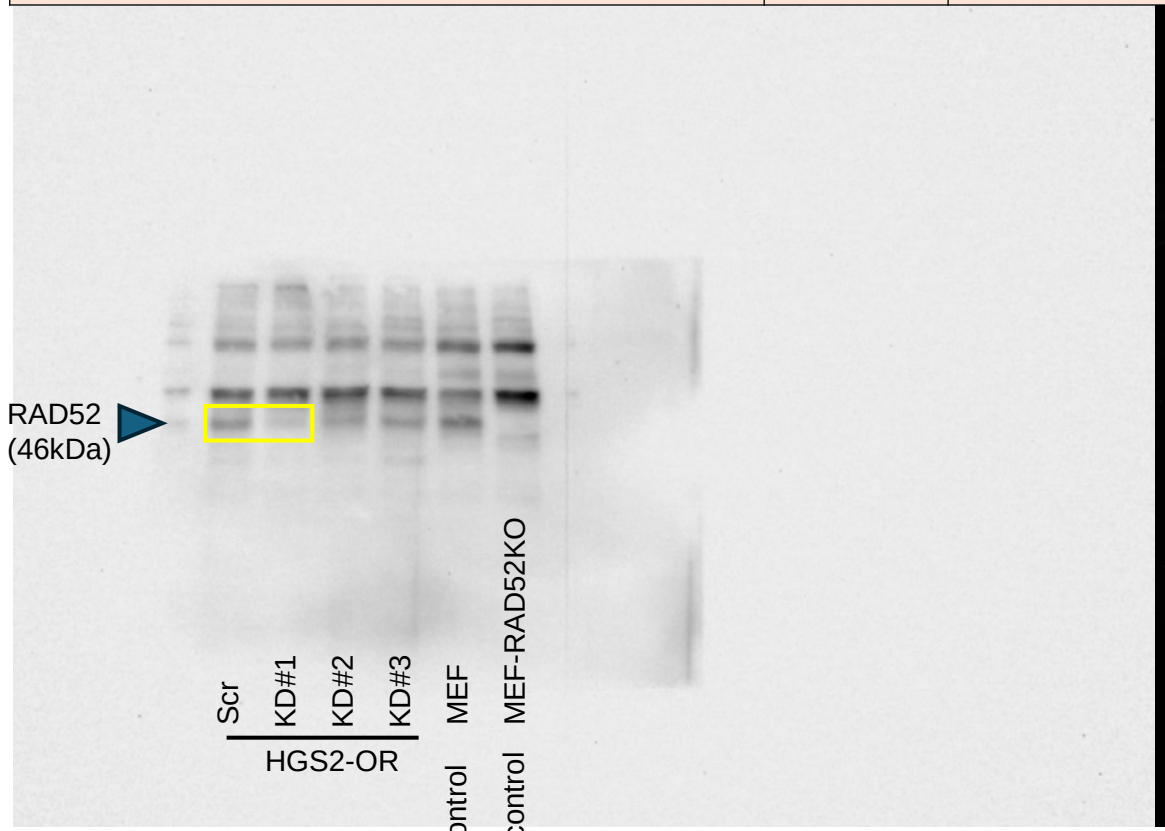
file name exp 147-1_b actin (2)_09(Chemiluminescence)

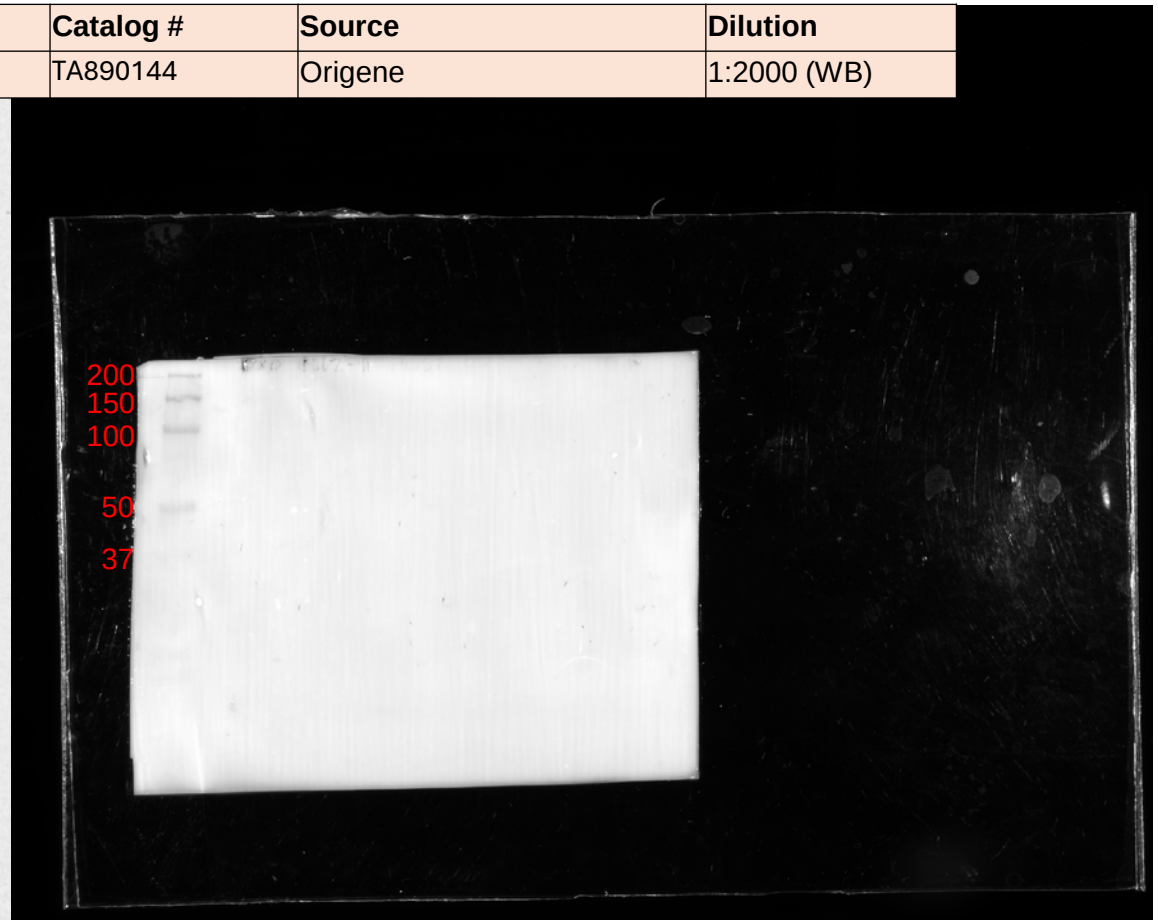
exp 147-1_b actin (2)_10(Colorimetric)

Figure 2a, WB, Rad52 expression,HGS2-OR Rad52 Knockdown,1st round (exp142-1)

Date 12/13/2024

Target protein	Type	Host species	Catalog #	Source	Dilution
RAD52	Primary	Rabbit	TA890144	Origene	1:2000 (WB)





50ug/well

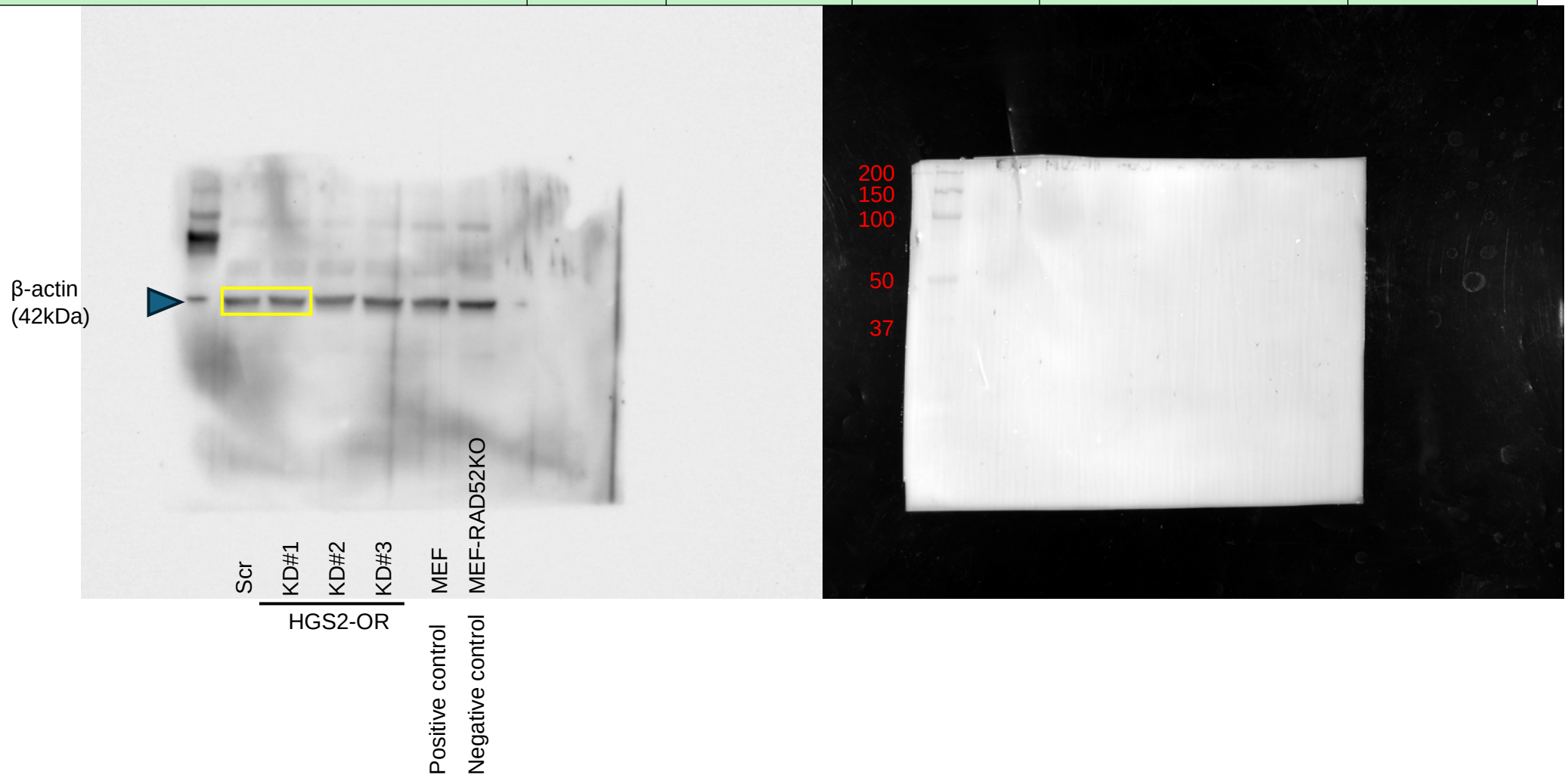
file name exp 142-1_HGS2-OR RAD52 KD_RAD52_07(Chemiluminescence)

exp 142-1_HGS2-OR RAD52 KD_RAD52_10(Colorimetric)

Figure 2a, WB, b-actin,HGS2-OR Rad52 Knockdown,1st round (exp142-1)

Date 12/13/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)



50ug/well

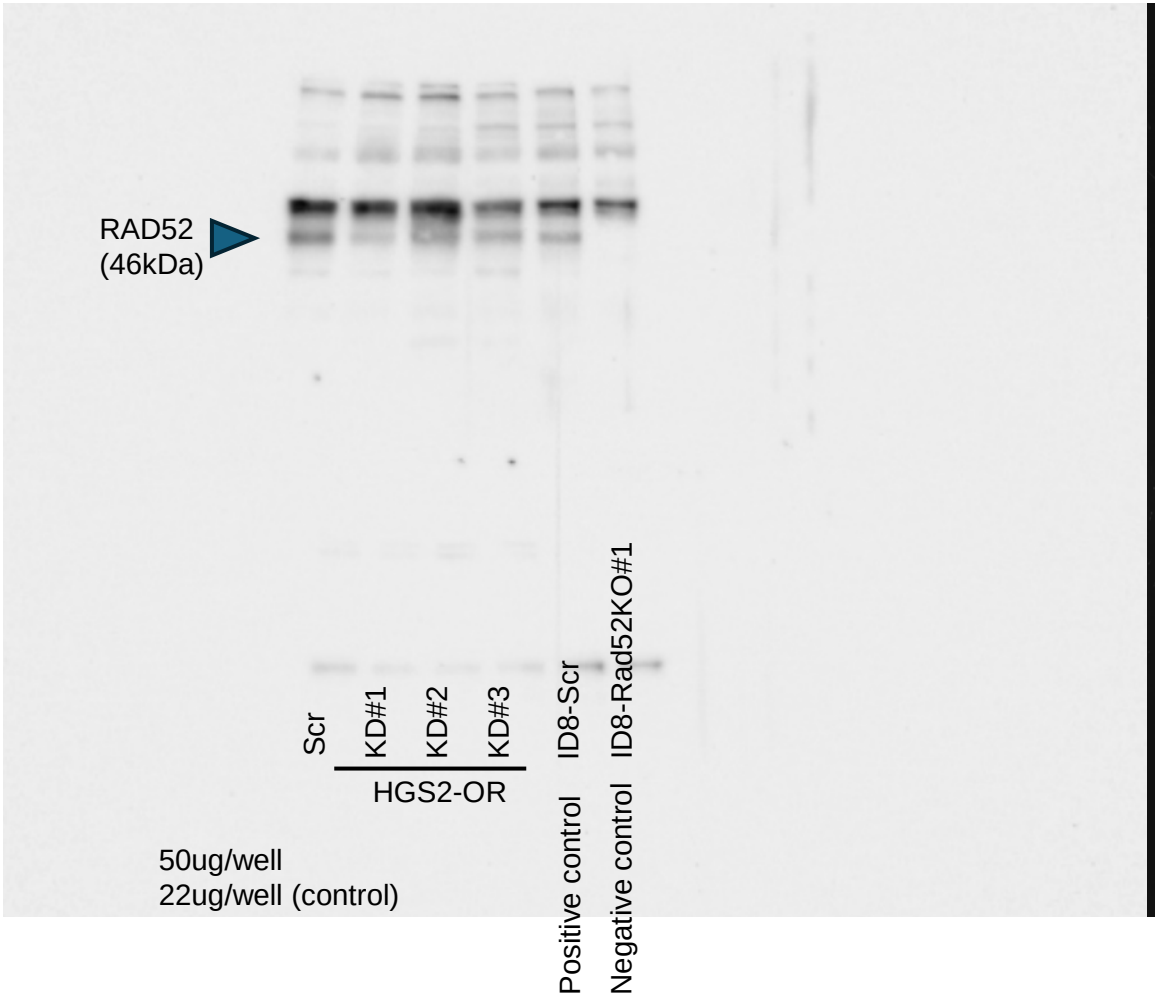
file name

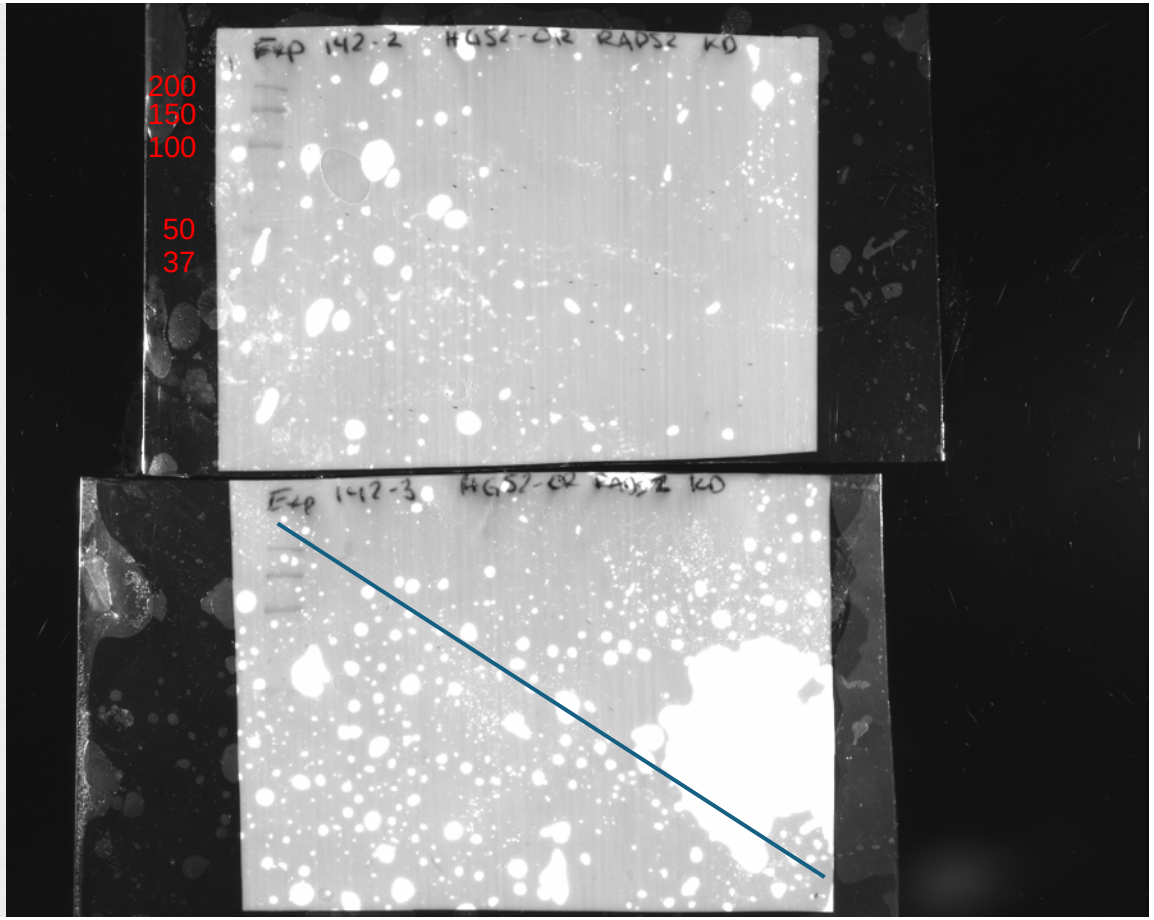
exp 142-1_HGS2-OR RAD52 KD_bactin_08(Chemiluminescence)

exp 142-1_HGS2-OR RAD52 KD_bactin_11(Colorimetric)

Figure 2a, WB, Rad52 expression,HGS2-OR Rad52 Knockdown,2nd round (exp142-2)

Date 1/10/2025





file name

Crephs@1 2025-01-10
13h45m46s(Chemiluminescence)

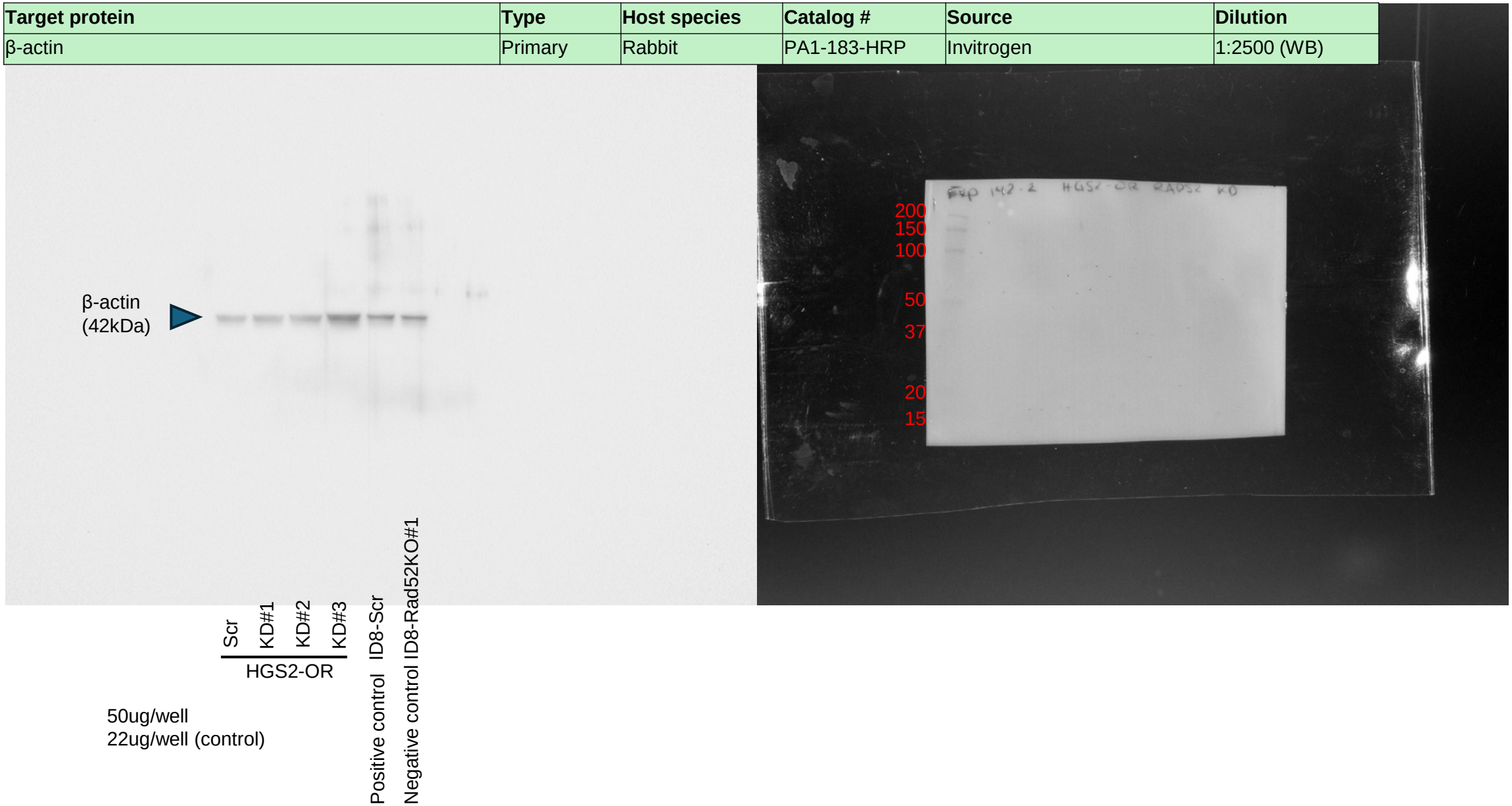
Crephs@1 2025-01-10
13h51m16s(Colorimetric)

Target protein	Type	Host species	Catalog #	Source	Dilution
RAD52	Primary	Rabbit	TA890144	Origene	1:2000 (WB)

Figure 2a, WB, b-actin expression,HGS2-OR Rad52 Knockdown,2nd round (exp142-2)

Date 1/23/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)



file name exp 142-2_bactin (2)_09(Chemiluminescence)

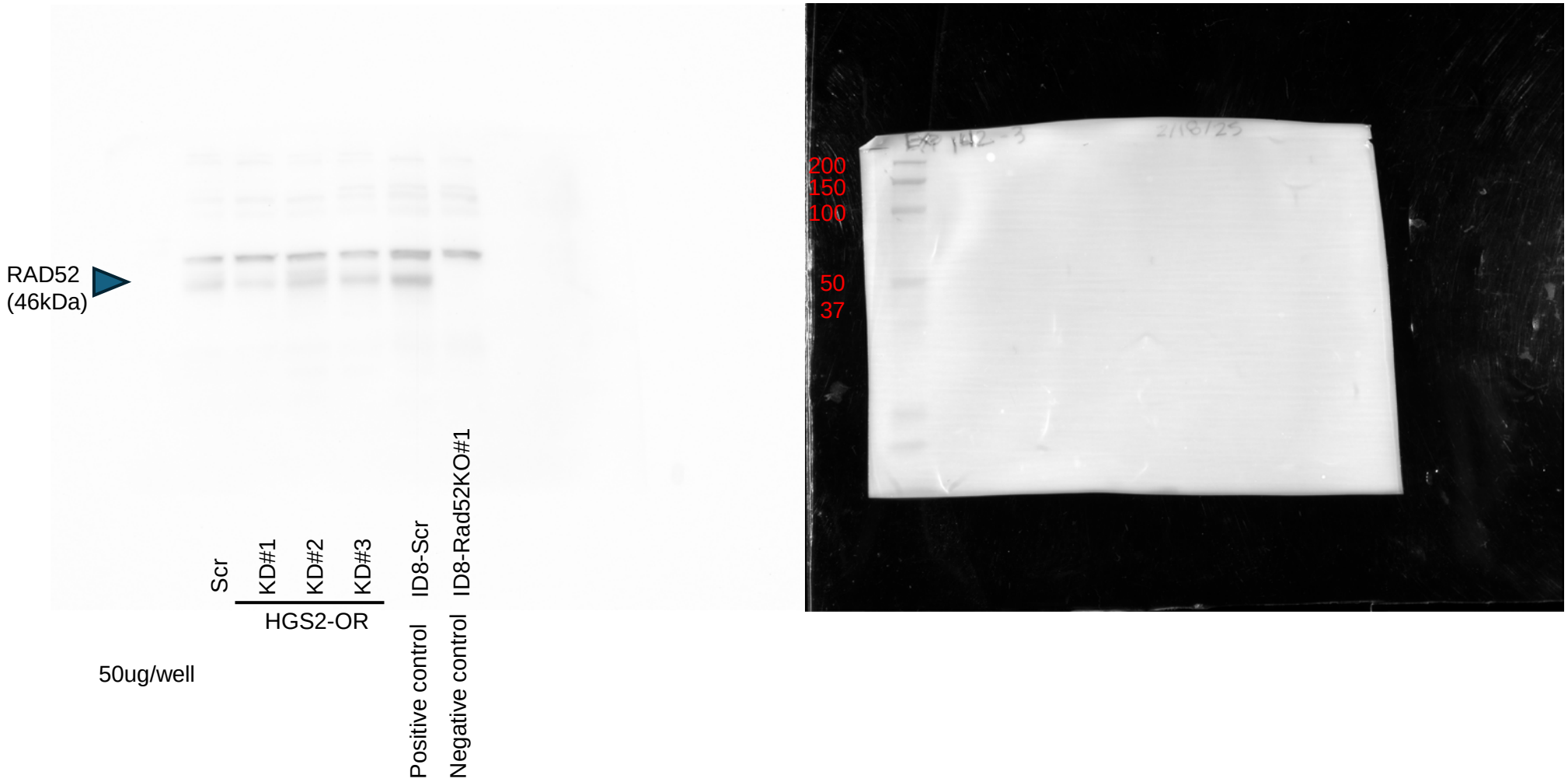
exp 142-2_bactin (2)_10(Colorimetric)

Exp142

Figure 2a, WB, Rad52 expression,HGS2-OR Rad52 Knockdown, 3rd round (exp142-3)

Date 1/24/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
RAD52	Primary	Rabbit	TA890144	Origene	1:2000 (WB)



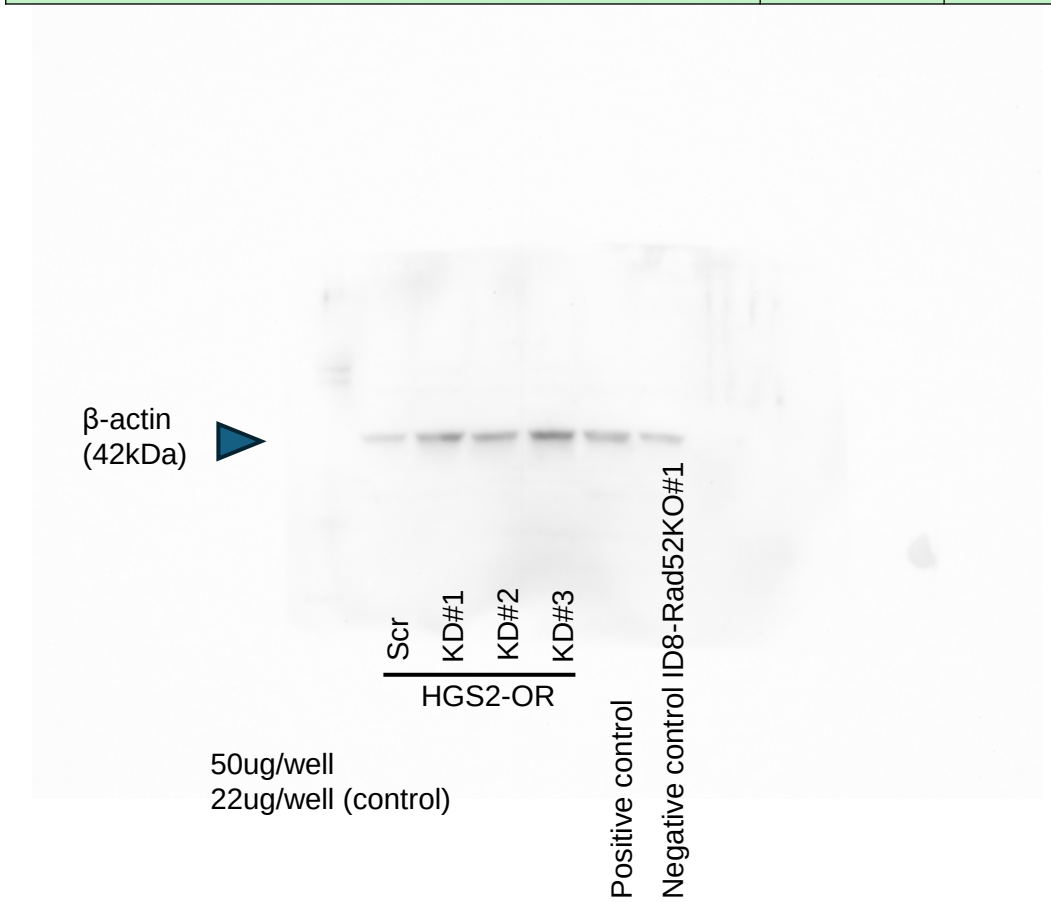
file name exp 142-3_Rad52_6

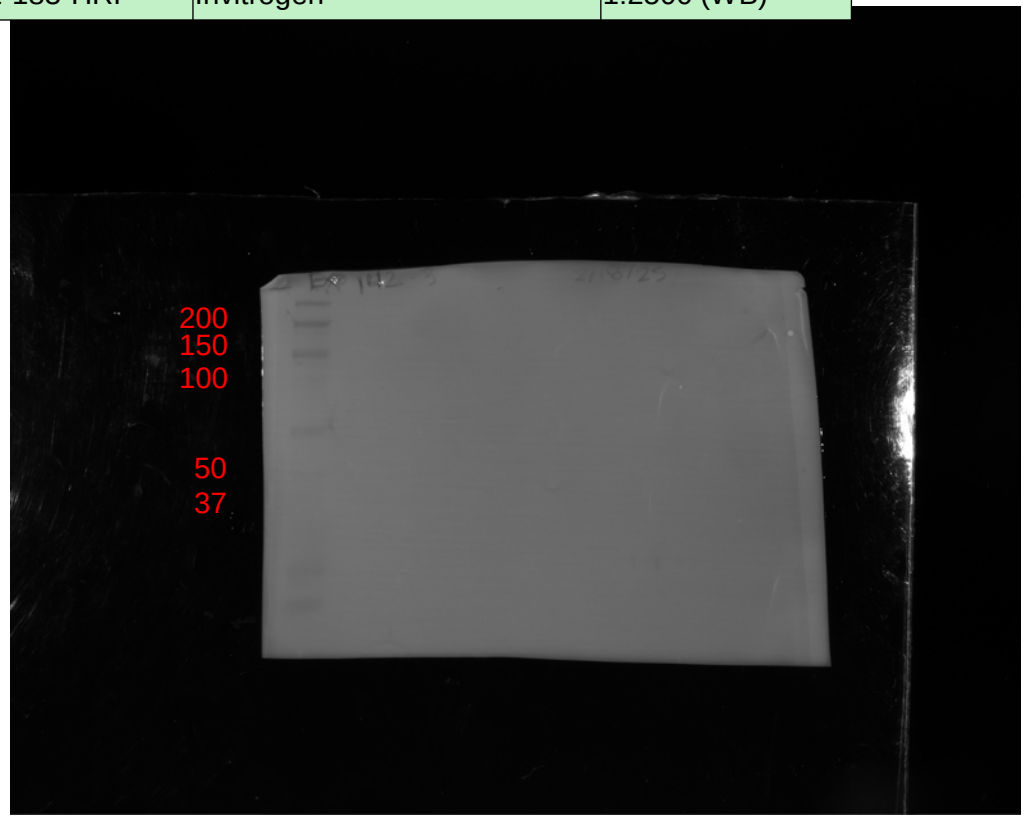
exp 142-3_Rad52_7

Figure 2a, WB, b-actin expression,HGS2-OR Rad52 Knockdown, 3rd round (exp142-3)

Date 2/20/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)





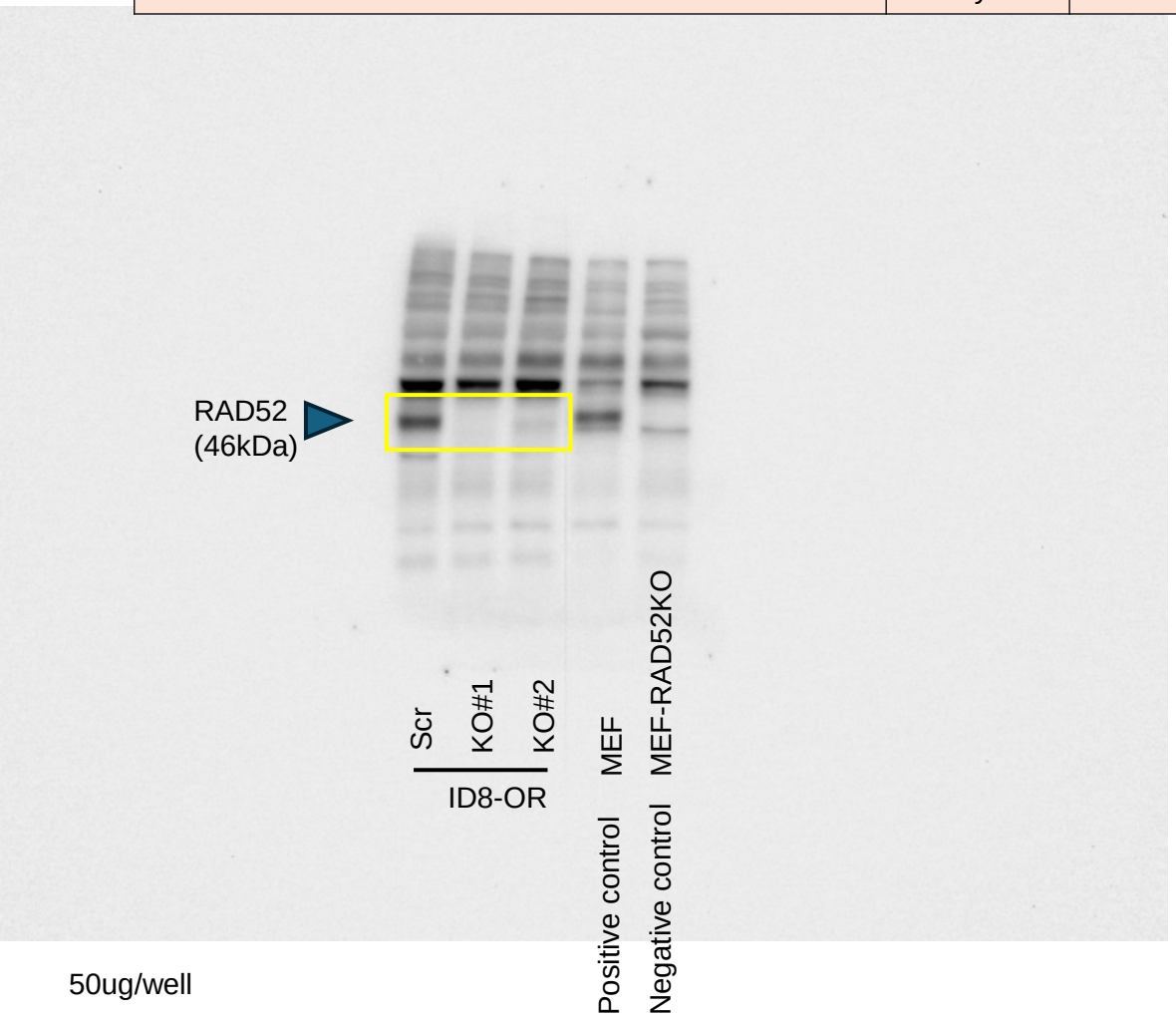
exp 142-3_b actin_6(Chemiluminescence).raw16

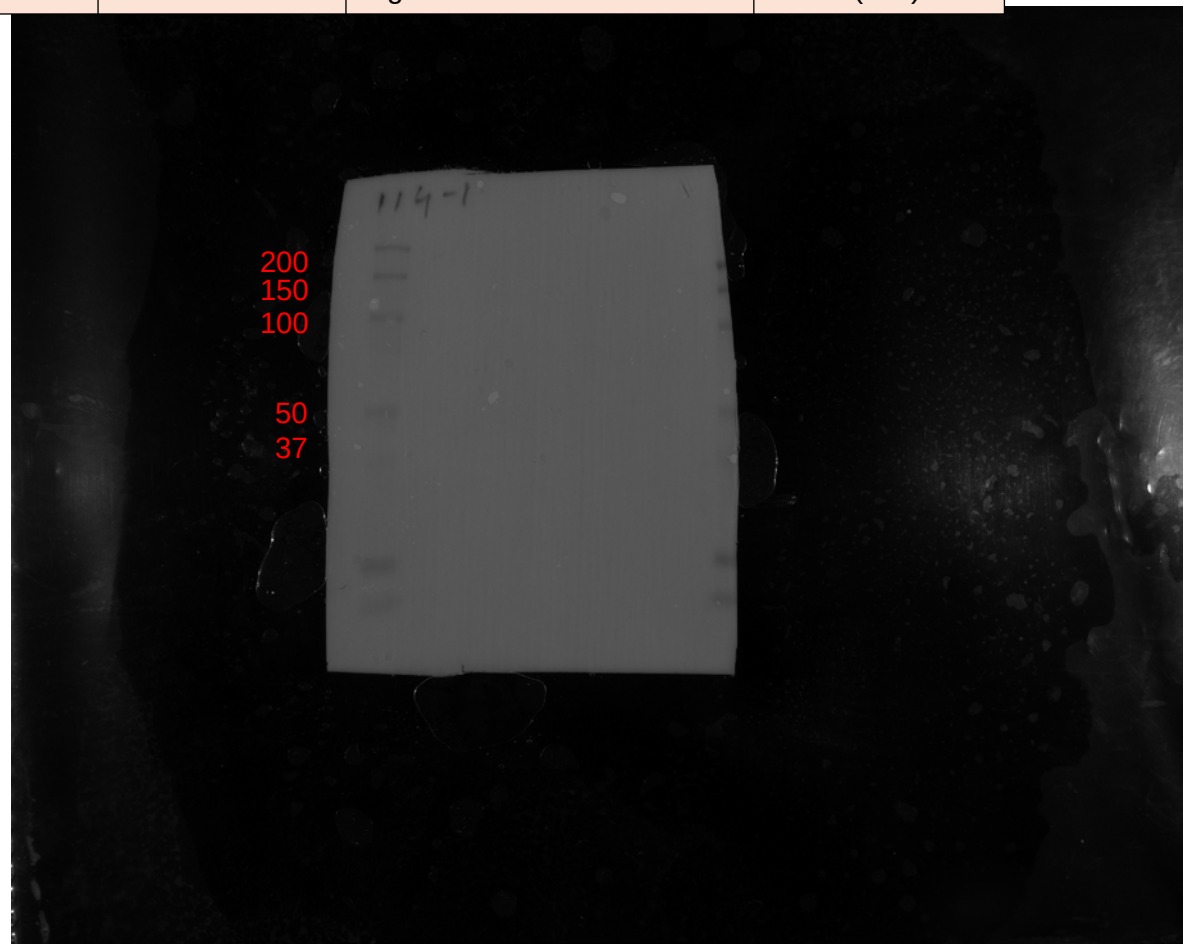
exp 142-3_b actin_7

Figure 2a, WB, Rad52 expression,ID8-Scr, Rad52KO#1, #2, 1st round (exp114-1)

Date 9/26/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
RAD52	Primary	Rabbit	TA890144	Origene	1:2000 (WB)



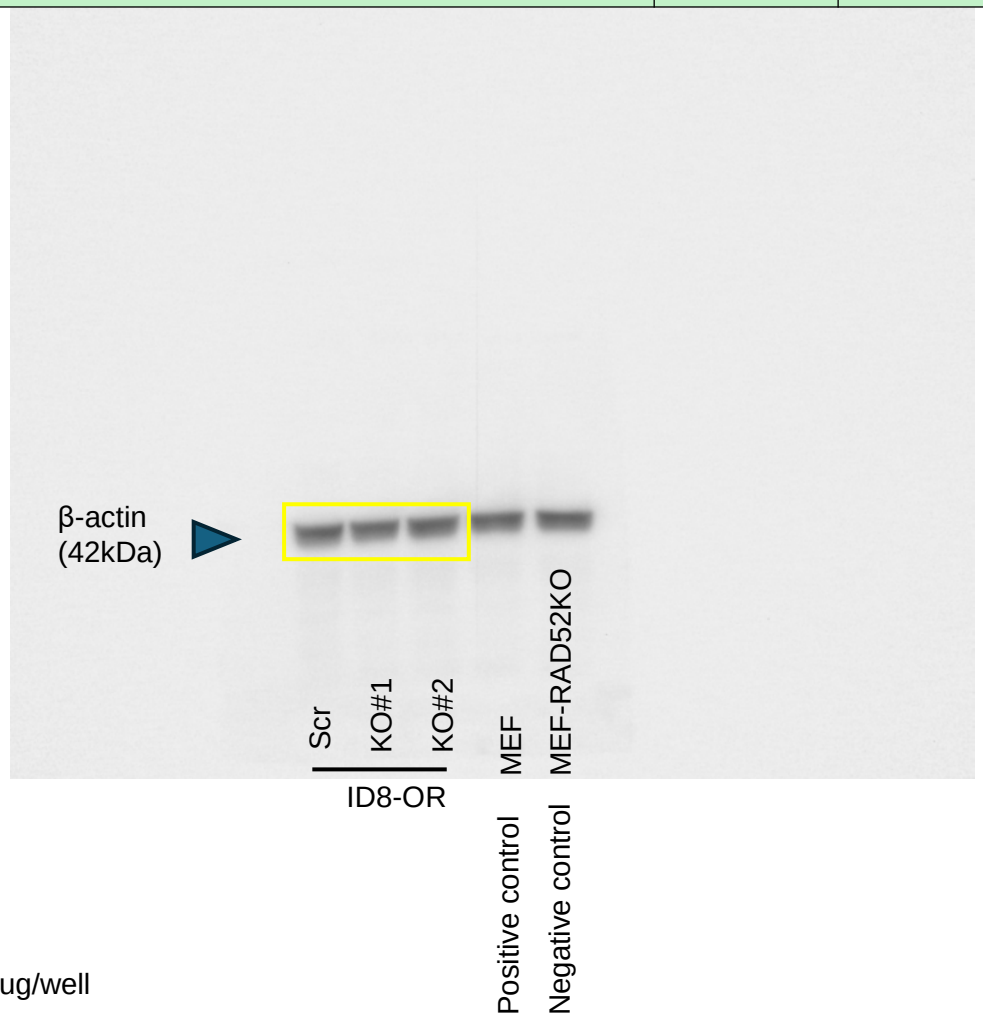


file name	Rad52 50_09(Chemiluminescence)	Rad52 50_10(Colorimetric)

Figure 2a, WB, b-actin expression,ID8-Scr, Rad52KO#1, #2, 1st round (exp114-1)

Date 12/10/2024

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)



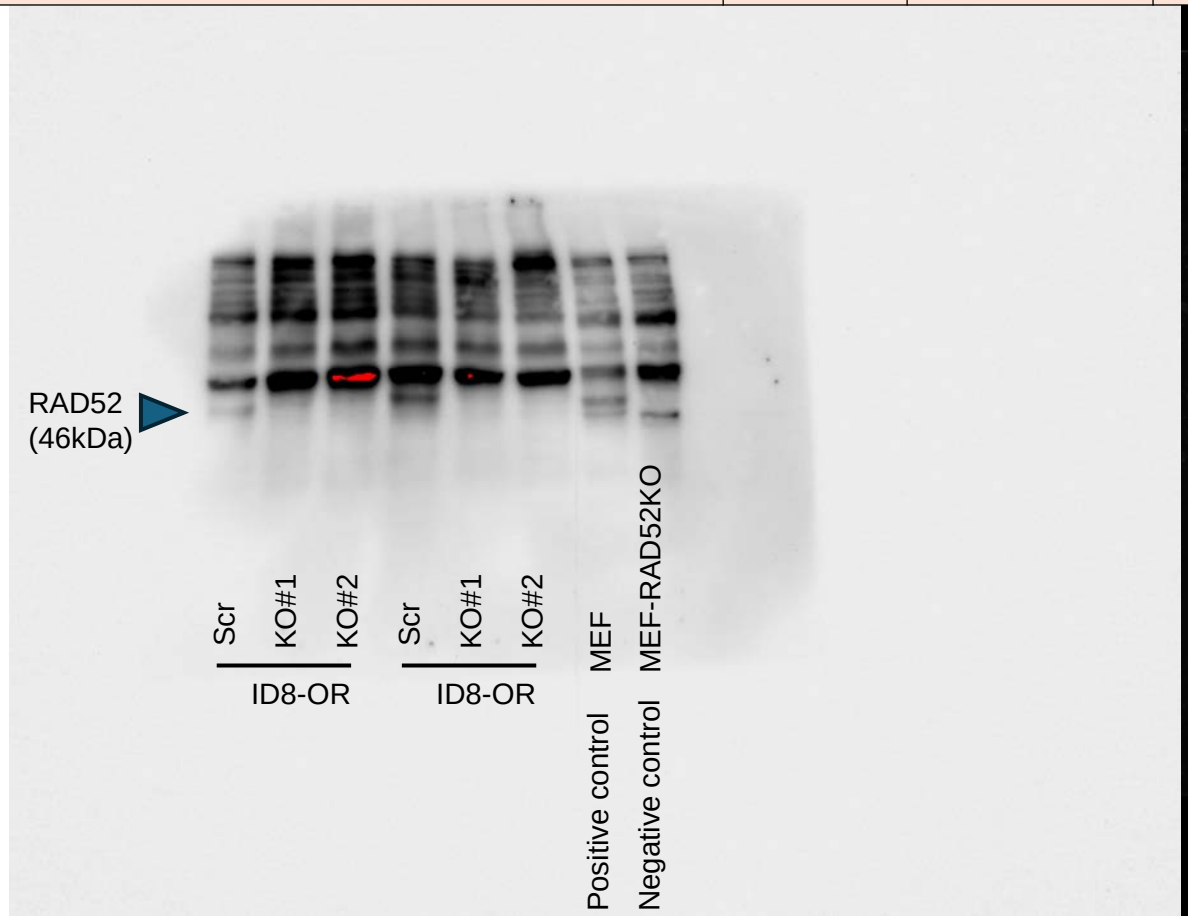


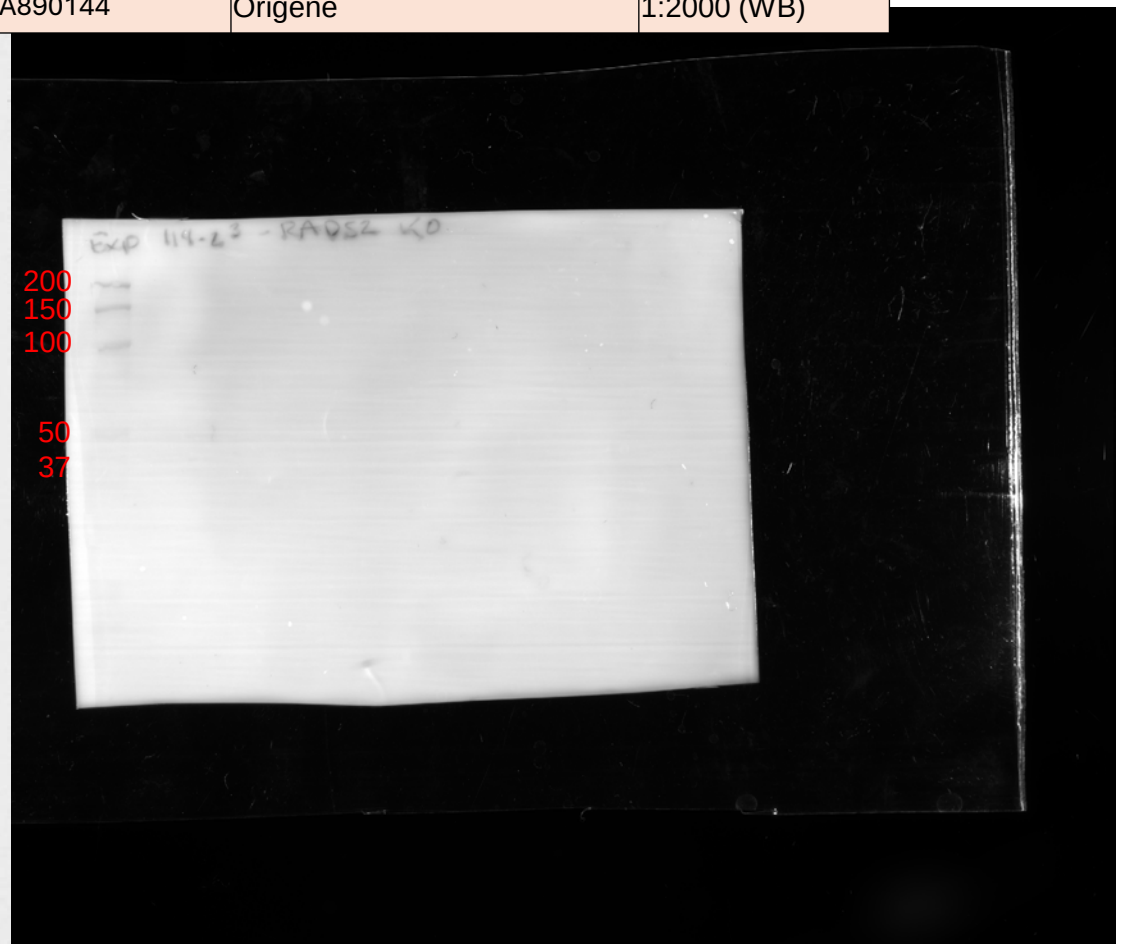
file name 114 1 Actin 1 - 10Sec_07(Chemiluminescence) 114 1 Actin 1 - 10Sec_10(Colorimetric)

Figure 2a, WB, Rad52 expression,ID8-Scr, Rad52KO#1, #2, 2nd and 3rd round (exp114-2,3)

Date 12/10/2024

Target protein	Type	Host species	Catalog #	Source	Dilution
RAD52	Primary	Rabbit	TA890144	Origene	1:2000 (WB)





50ug/well

file name

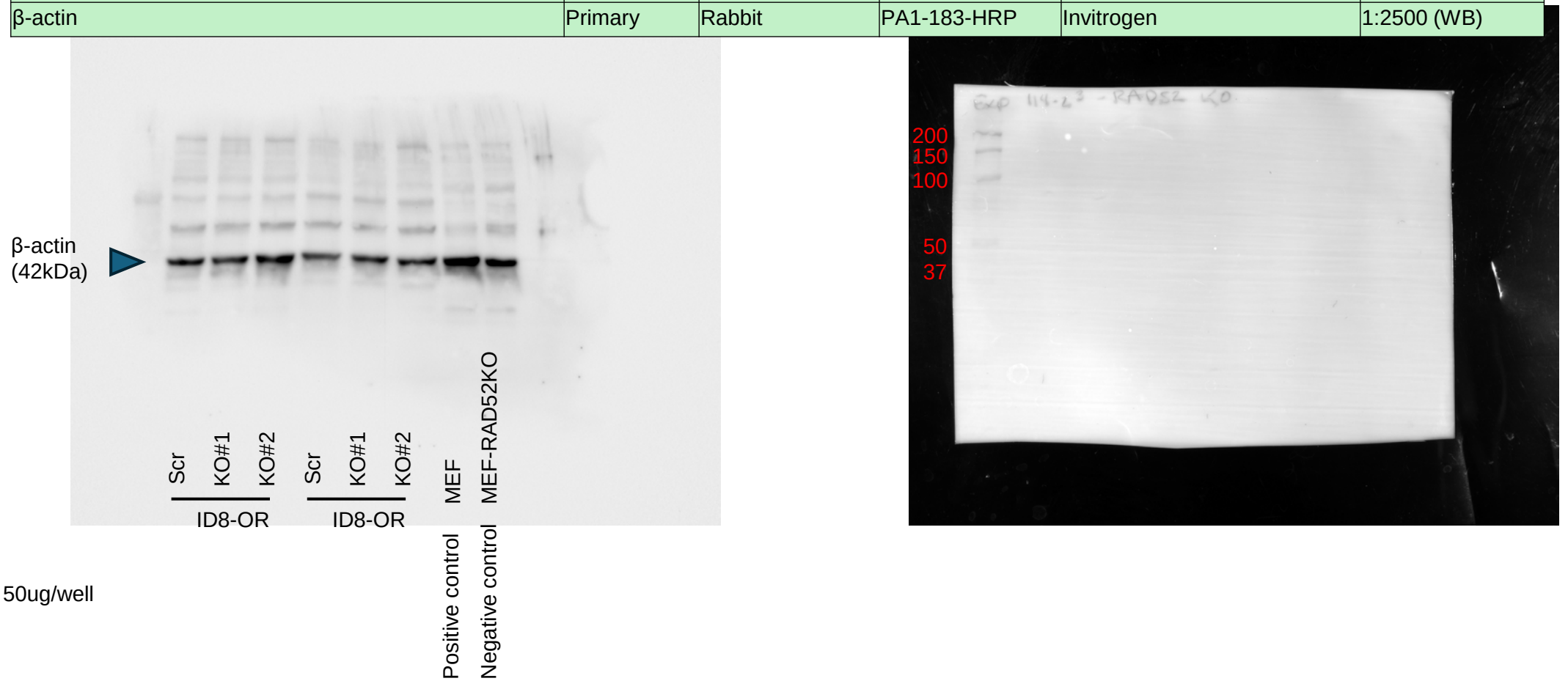
exp 114-2^3_RAD52 KO_RAD52_08(Chemiluminescence)

exp 114-2^3_RAD52 KO_RAD52_13(Colorimetric)

Figure 2a, WB, b-actin expression,ID8-Scr, Rad52KO#1, #2, 2nd and 3rd round (exp114-2,3)

Date 12/11/2024

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)



file name

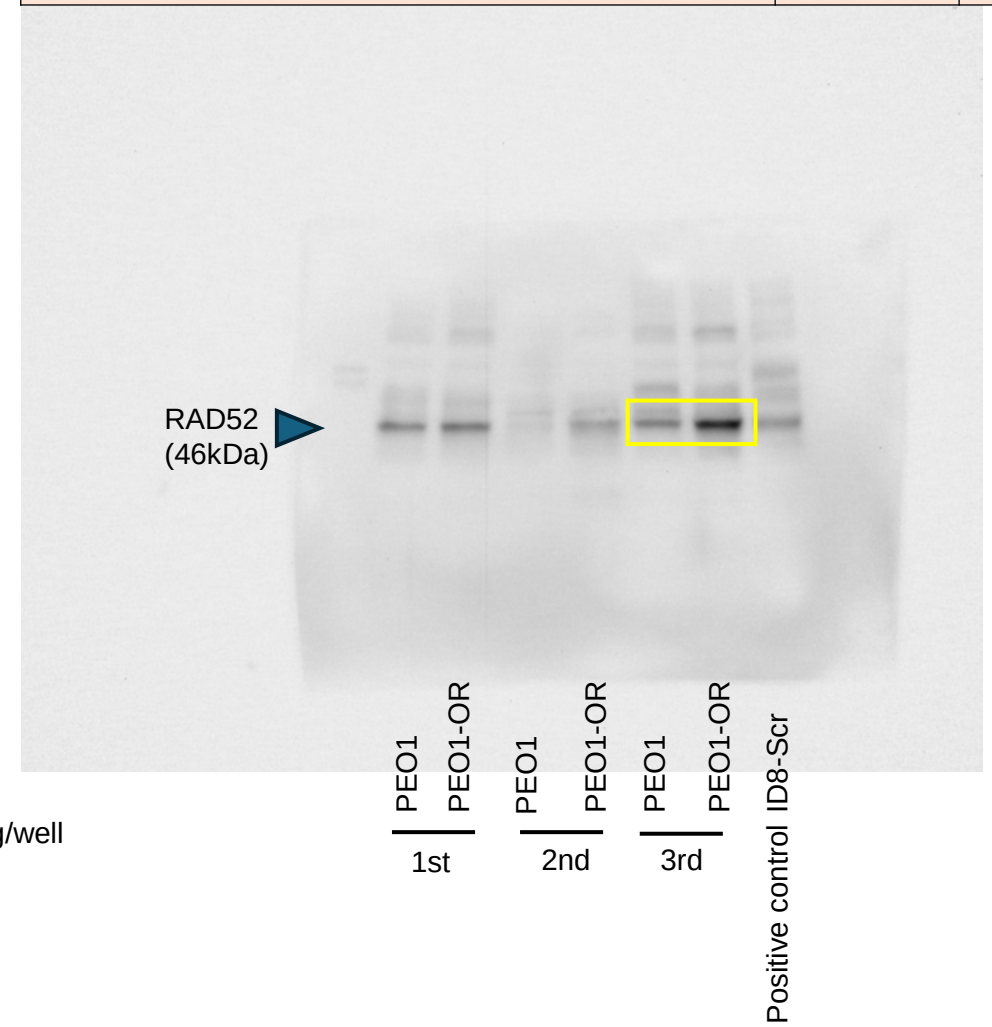
exp 114-2^3_RAD52 KO_Bactin_09(Chemiluminescence)

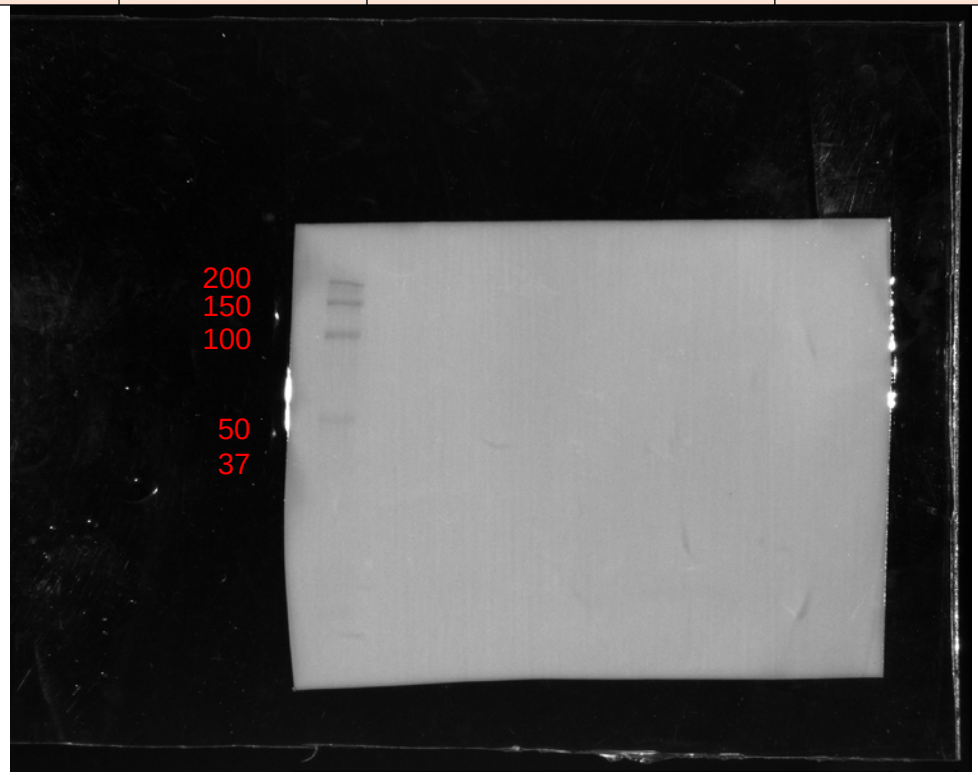
exp 114-2^3_RAD52 KO_Bactin_10(Colorimetric)

Figure 6B, WB, Rad52 expression, PEO1 and PEO1-OR, 1st, 2nd and 3rd round (exp147-3-4,5,6)

4/24/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
RAD52	Primary	Rabbit	TA890144	Origene	1:2000 (WB)





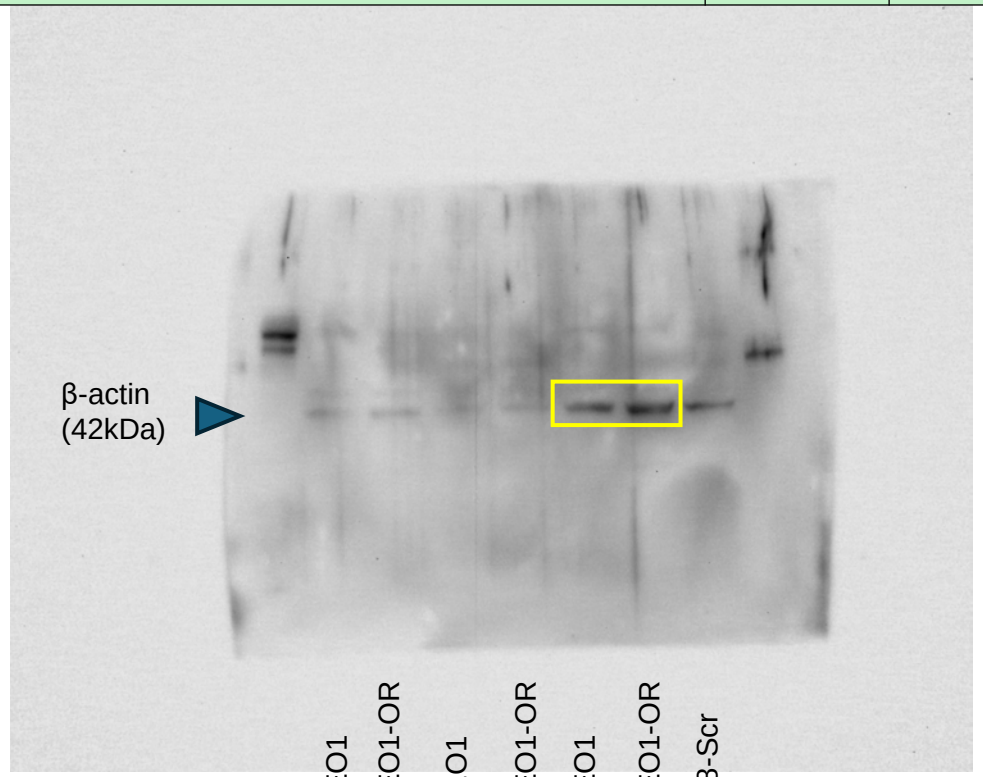
file name exp 147-3-4,5,6 - rad52_12_publication (RAD52)

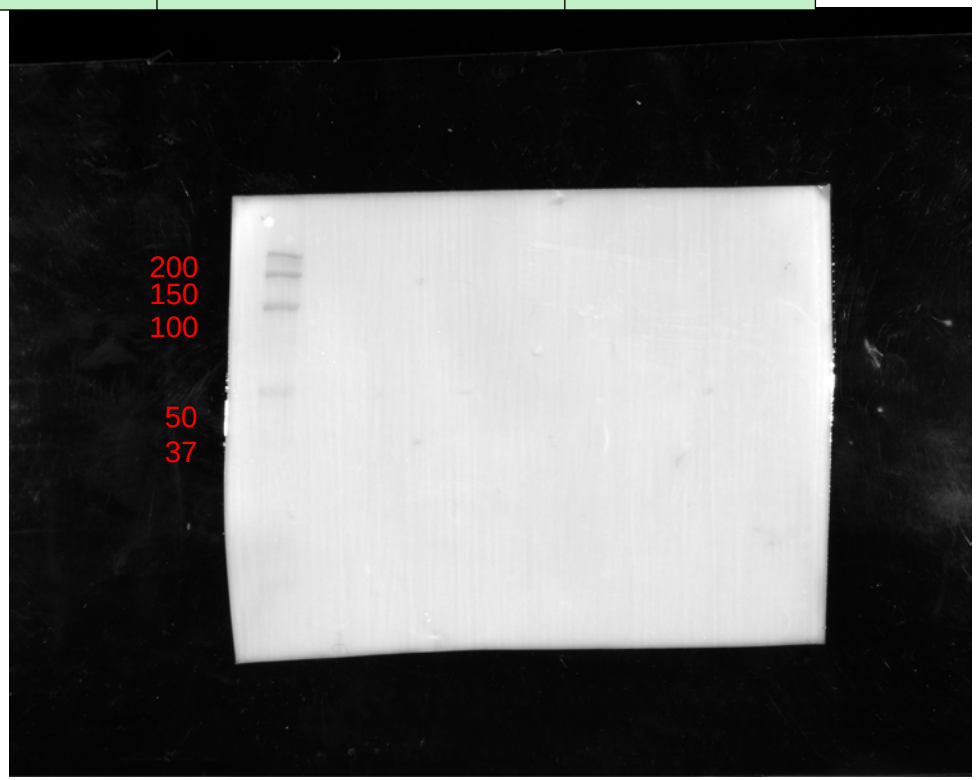
exp 147-3-4,5,6 - rad52_13_marker_publication

Figure 6B, WB, b-actin expression, PEO1 and PEO1-OR, 1st, 2nd and 3rd round (exp147-3-4,5,6)

4/25/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)





file name exp 147-3-4,5,6 - b actin_18_publication

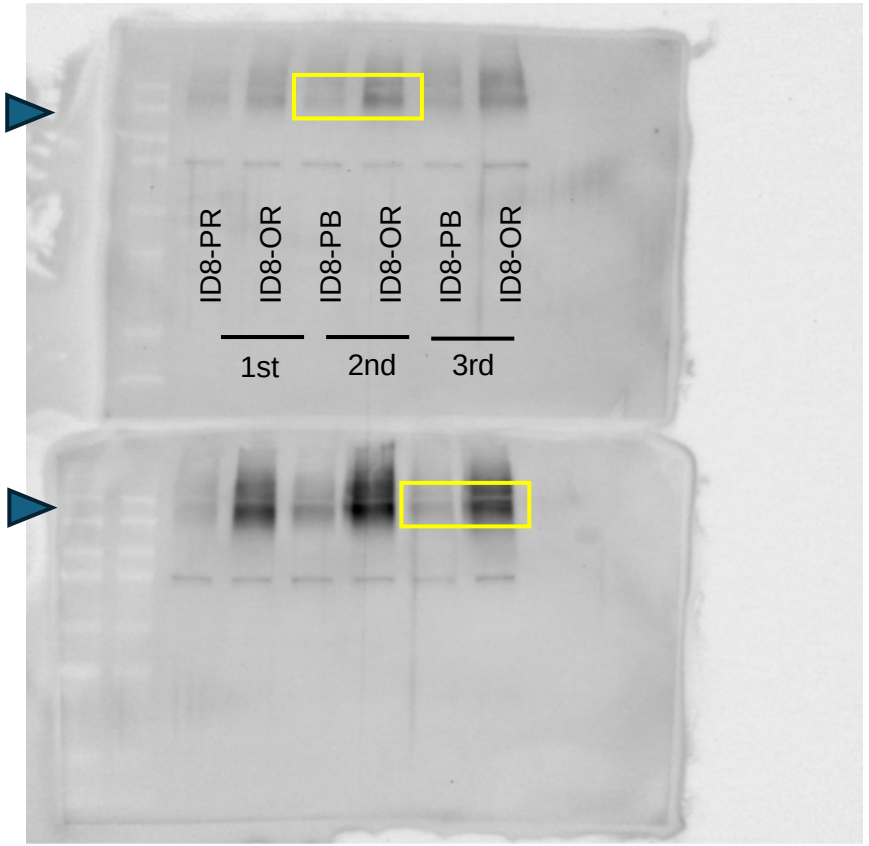
exp 147-3-4,5,6 - b actin_19

Figure S3d, WB, p-glycoprotein expression, ID8-PB, ID8-OR, HGS2 and HGS2-OR, 1st, 2nd and 3rd round (exp211-1)

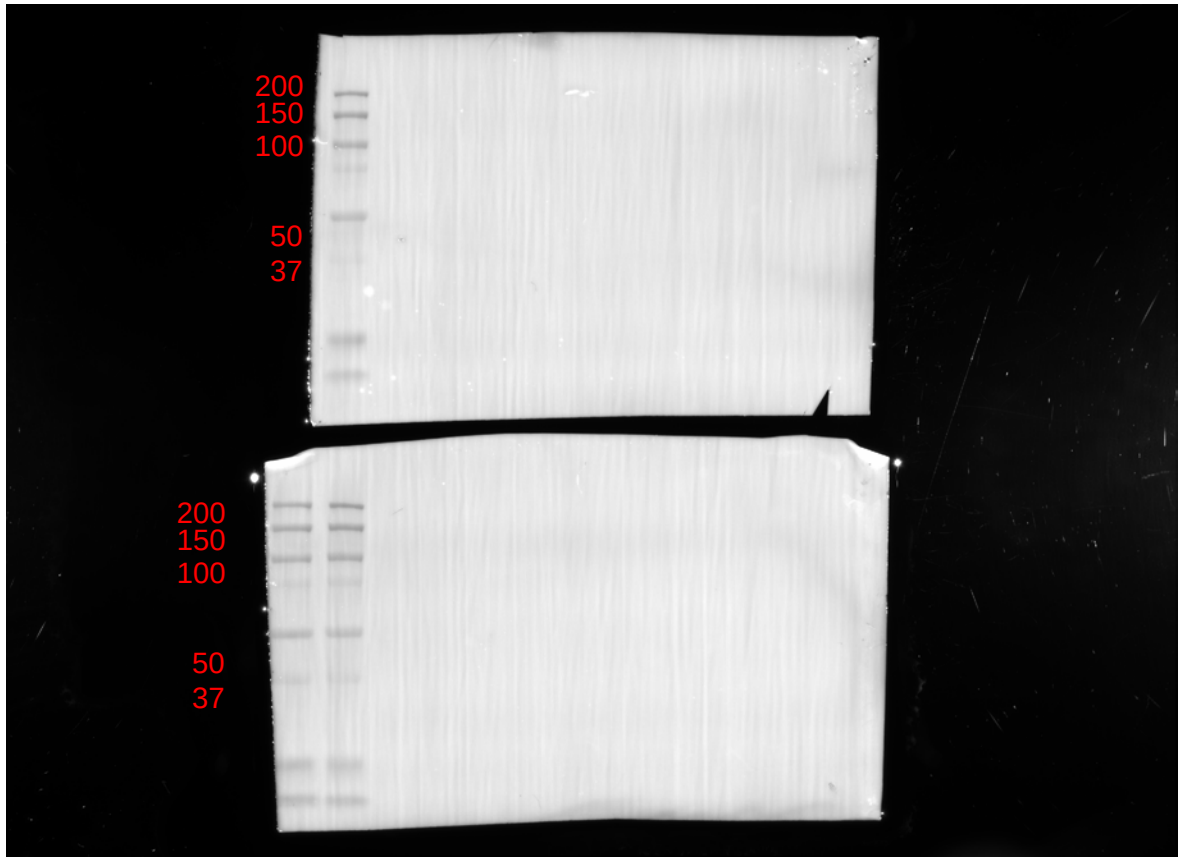
11/12/2025

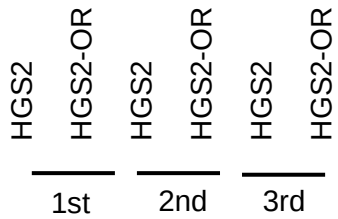
Target protein	Type	Host species	Catalog #	Source	Dilution
P-glycoprotein	Primary	Rabbit	ab170904	Abcam	1:1000 (WB)

P-glycoprotein
141kDa
observed at 160kDa



P-glycoprotein
141kDa
observed at 160kDa





20ug/well

file name

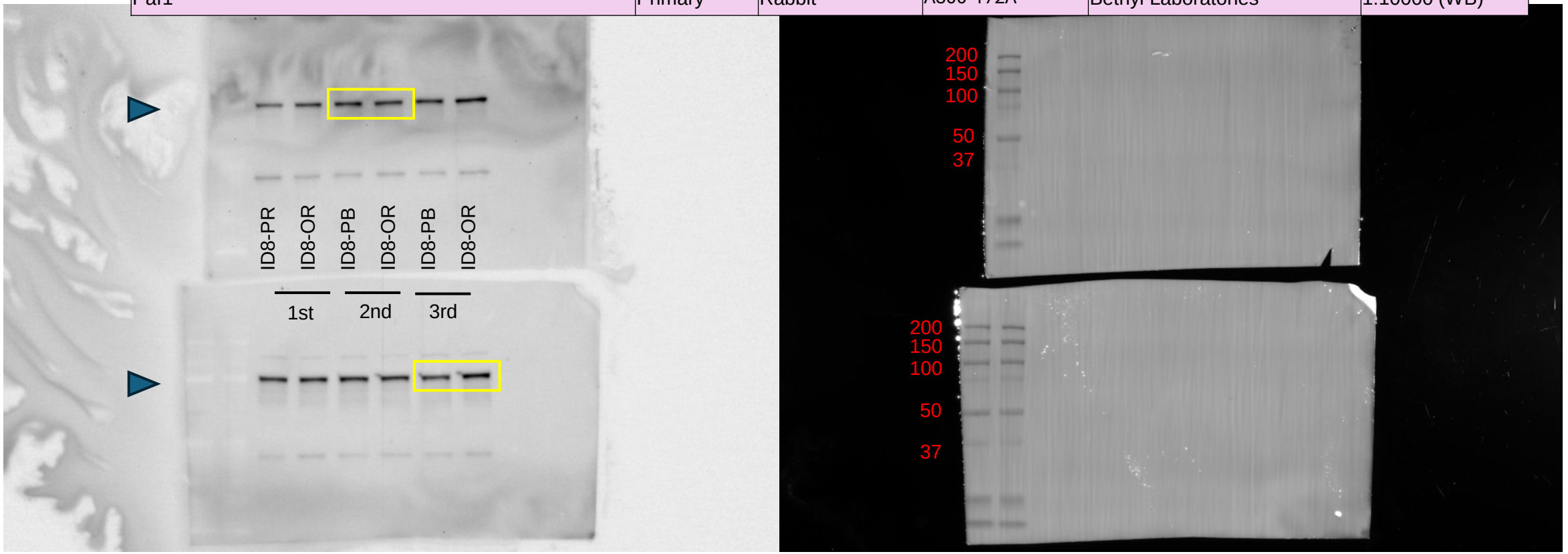
Crephs@1 2025-11-12 11h31m10s_Exp211-2_pgp_HGS2

Crephs@1 2025-11-12 11h31m58s(Colorimetric)

Figure S3d, WB, PAF1 expression, ID8-PB, ID8-OR, HGS2 and HGS2-OR, 1st, 2nd and 3rd round (exp211-1)

11/12/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
Paf1	Primary	Rabbit	A300-172A	Bethyl Laboratories	1:10000 (WB)



20ug/well

file name

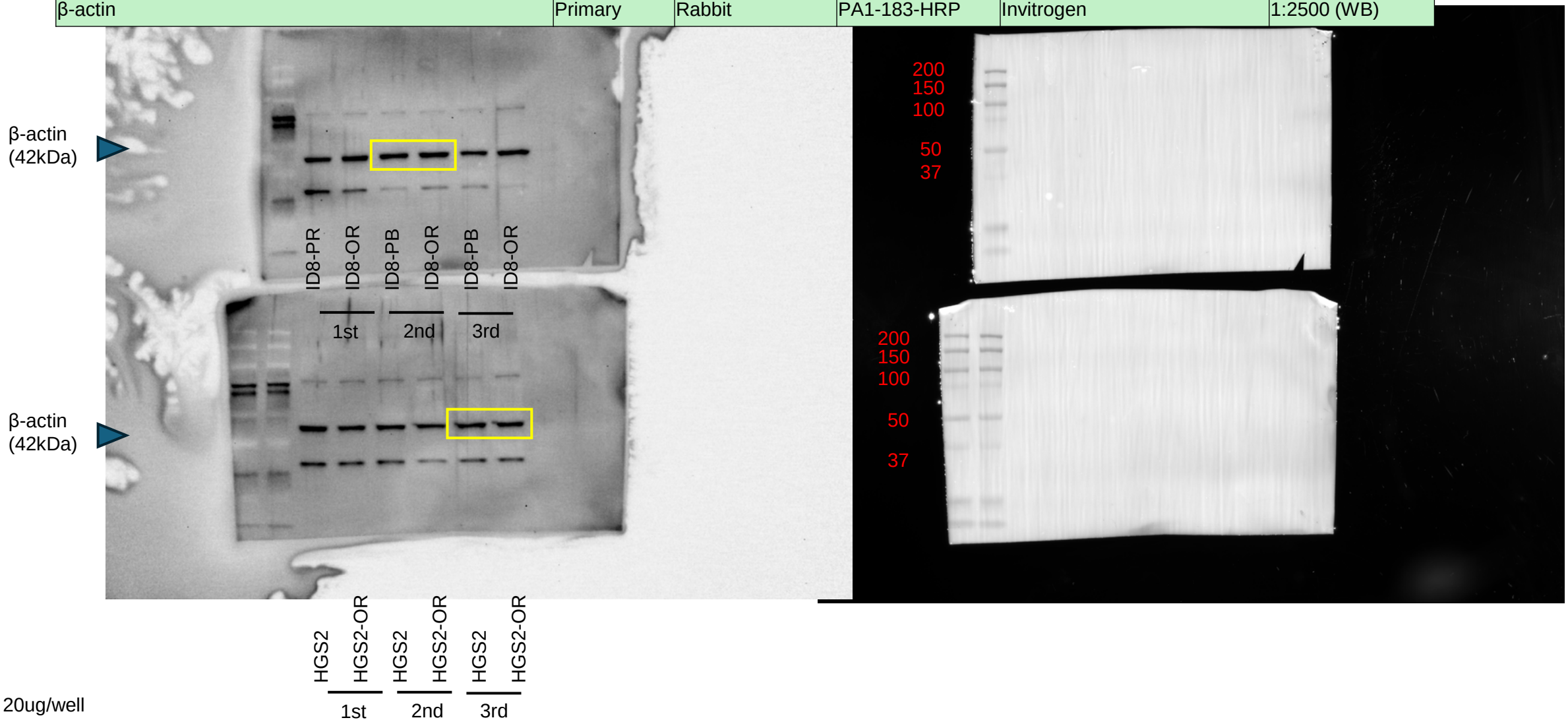
Crephs@1 2025-11-11 11h17m40s_PAF1

Crephs@1 2025-11-11 11h18m52s(Colorimetric)

Figure S3d, WB, b-actin expression, ID8-PB, ID8-OR, HGS2 and HGS2-OR, 1st, 2nd and 3rd round (exp211-1)

11/13/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)



file name

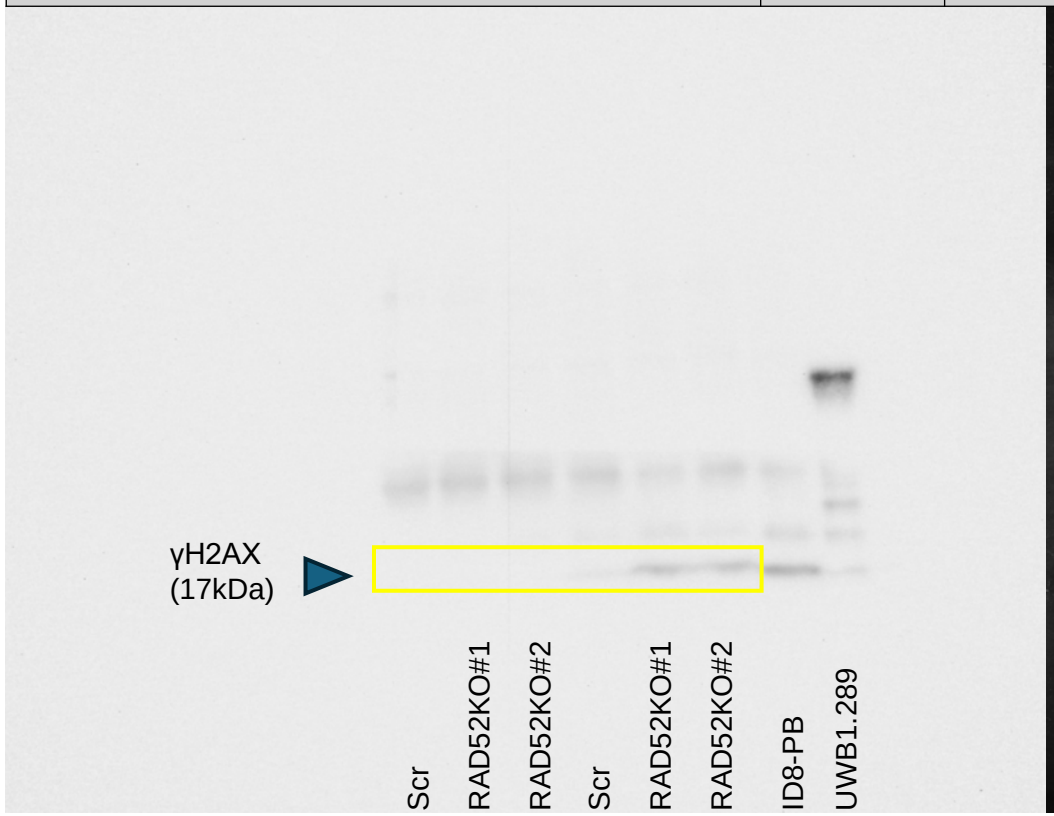
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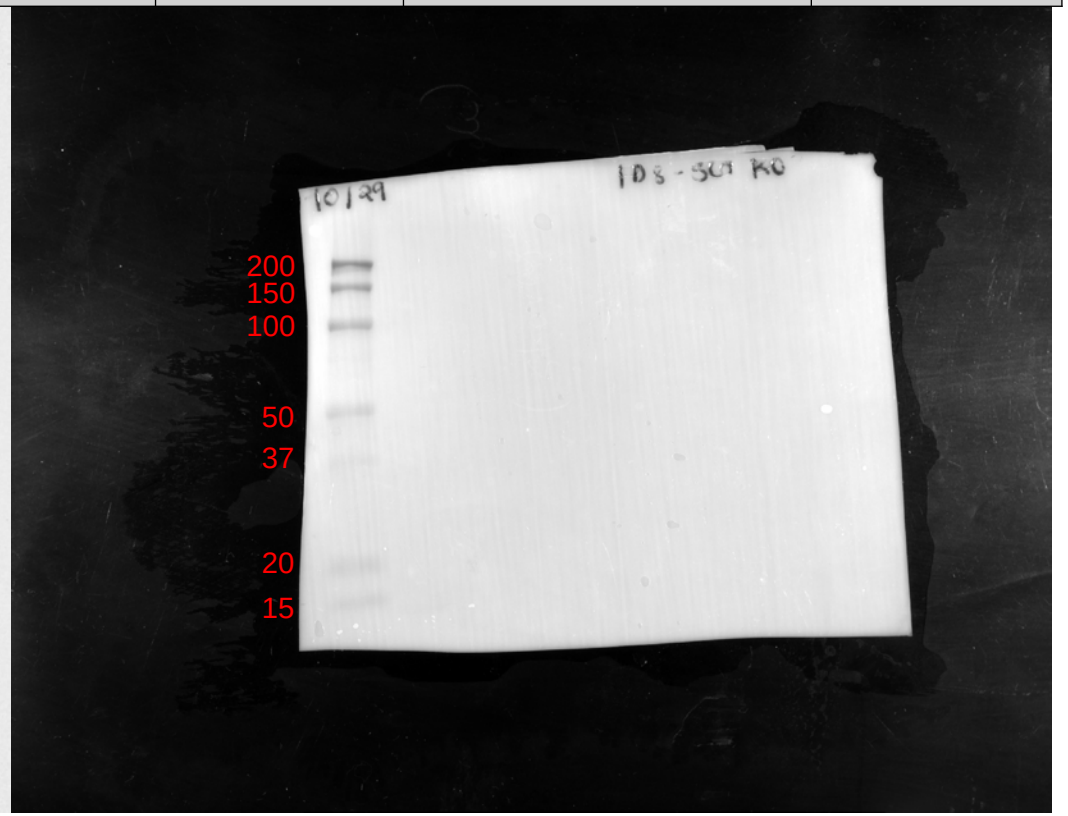
Crephs@1 2025-11-13 11h28m24s(Colorimetric)

Figure S6b, WB, gH2AX expression, ID8-Scr, KO#1,2, 1st round (exp120)

Date 10/31/2024

Target protein	Type	Host species	Catalog #	Source	Dilution
γH2AX	Primary	Mouse	ab26350	Abcam	1:1000 (WB)





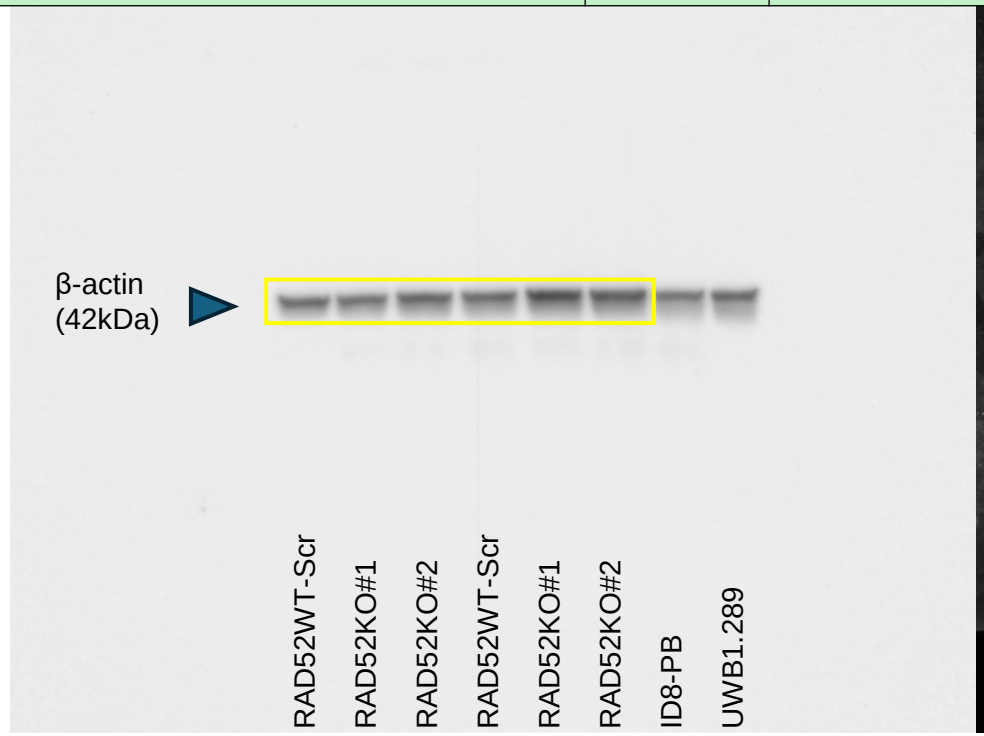
file name Crephs@1 2024-10-31 12h26m52s(Colorimetric) \

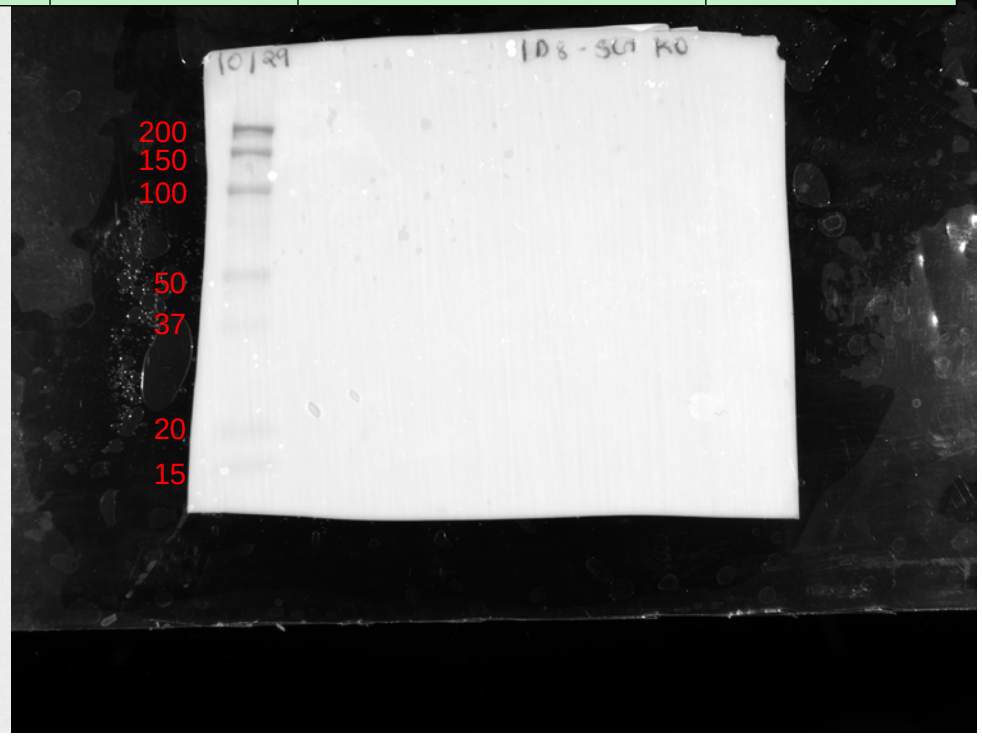
Crephs@1 2024-10-31 12h33m42s

Figure S6b, WB, b-actin expression, ID8-Scr, KO#1,2 1st round (exp120)

Date 11/7/2024

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)





50ug/well
20ug/well (UWB1.289)

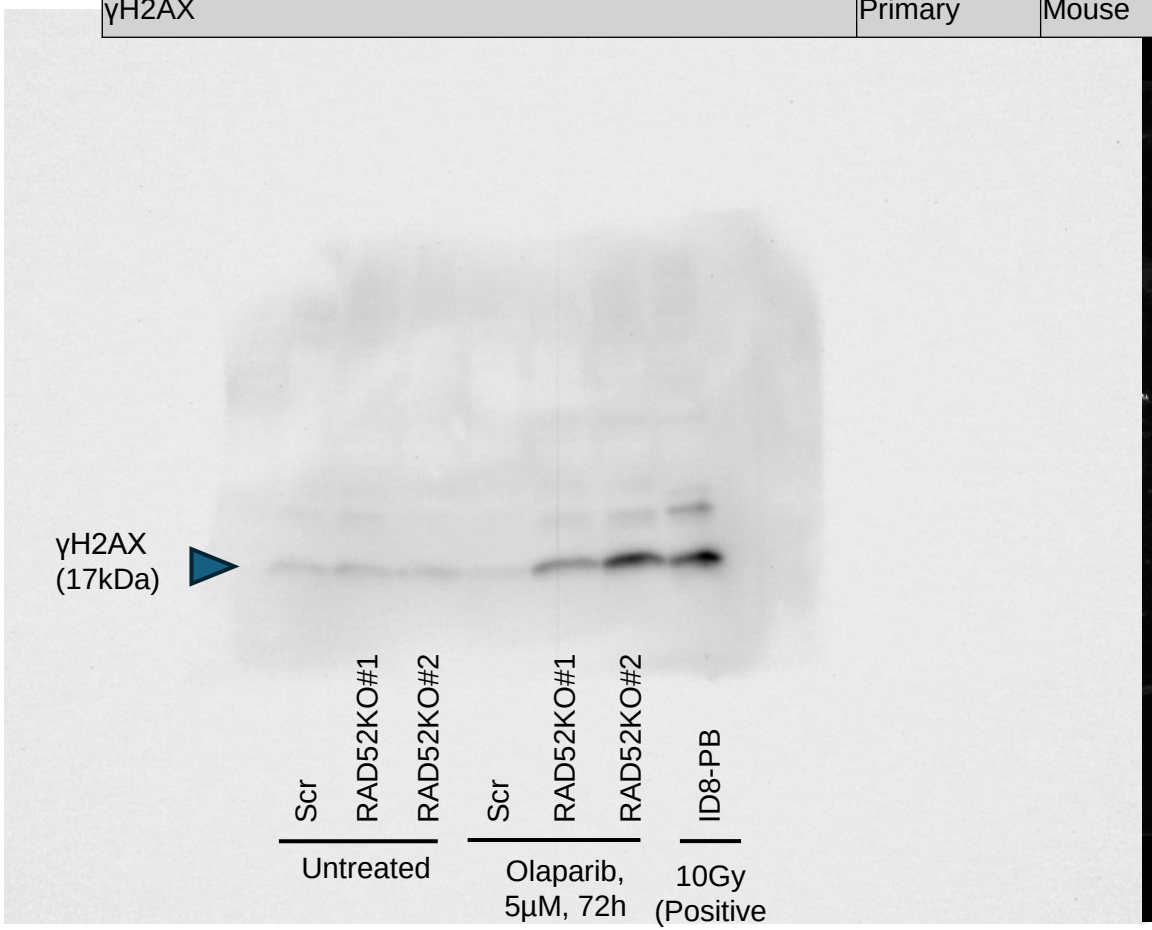
file name Crephs@1 2024-11-07 16h04m42s

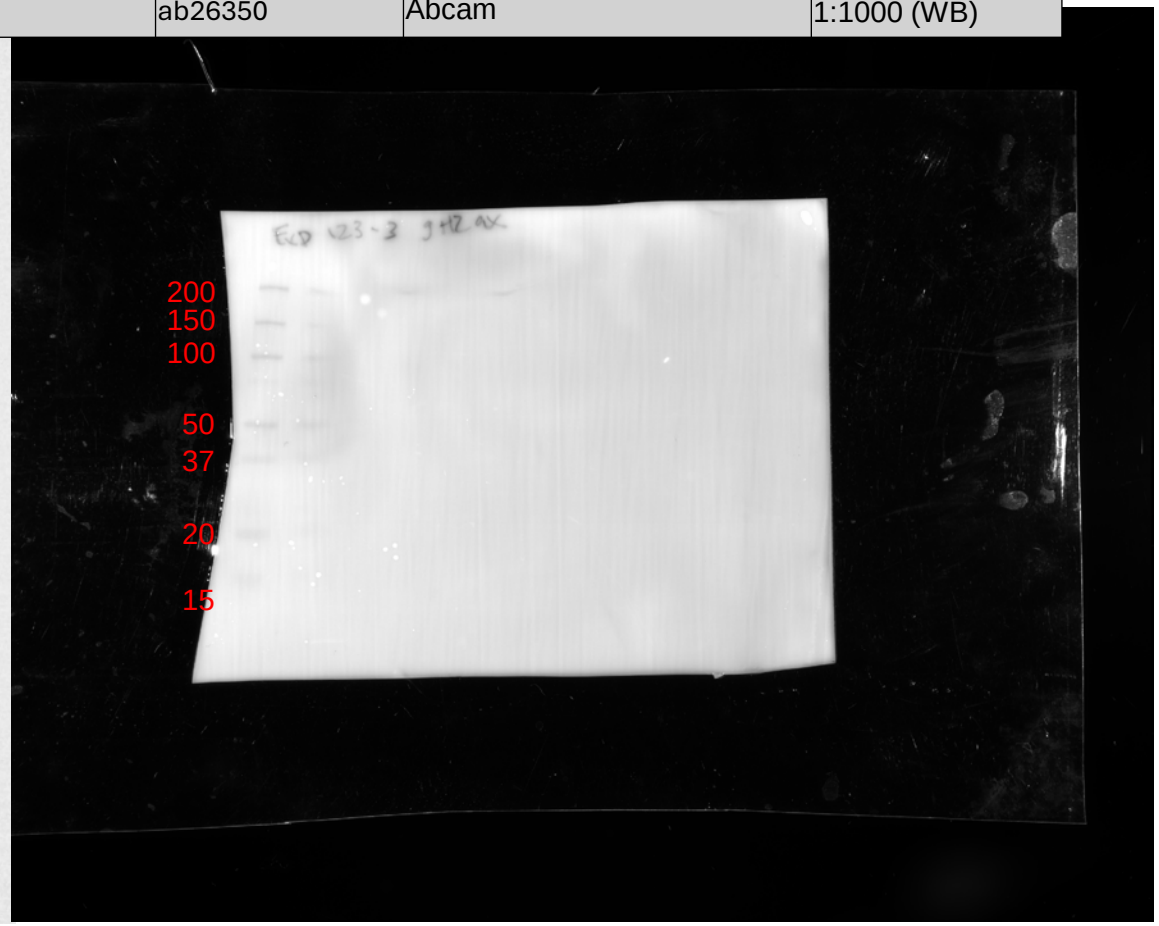
Crephs@1 2024-11-07 16h06m49s(Colorimetric)

Figure S6b, WB, gH2AX expression, ID8-Scr, KO#1,2 2nd round (exp123-3)

Date 12/10/2024

Target protein	Type	Host species	Catalog #	Source	Dilution
γH2AX	Primary	Mouse	ab26350	Abcam	1:1000 (WB)





50ug/well

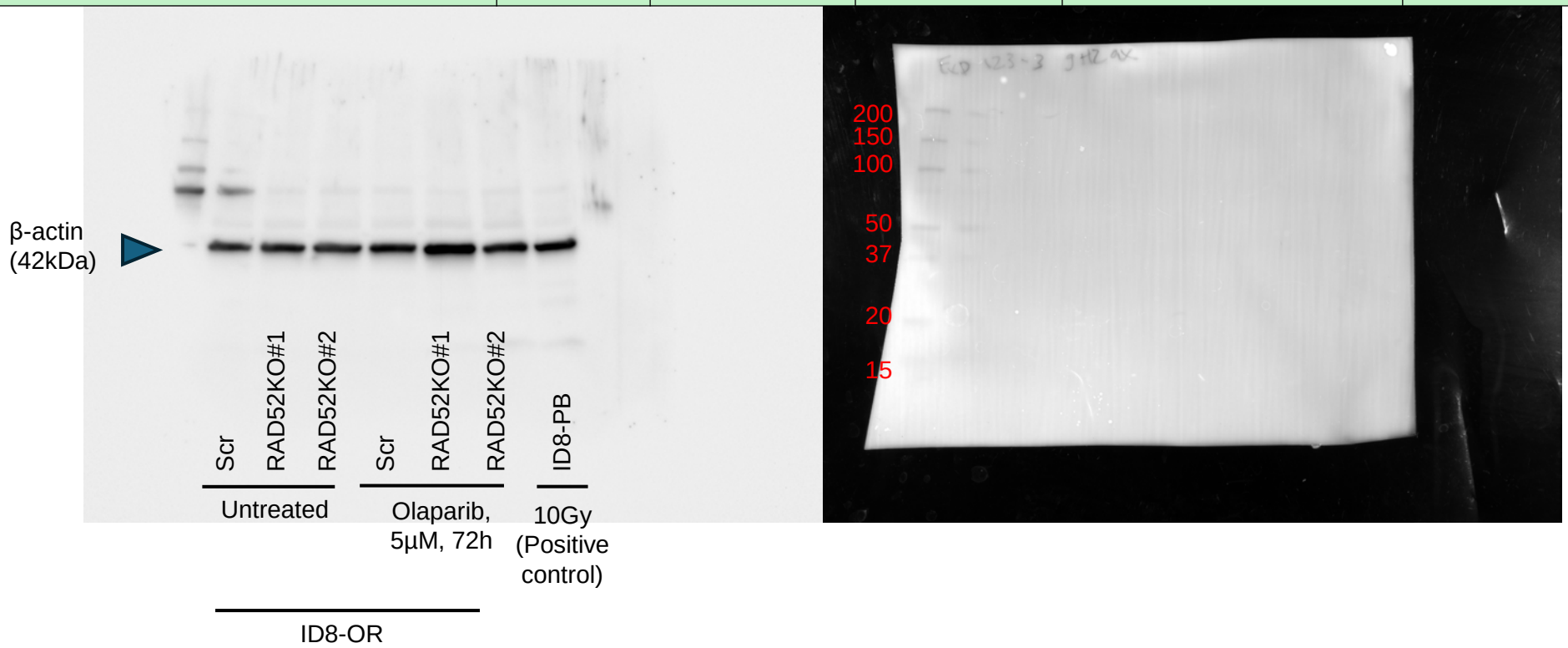
file name exp 123-3_gh2ax_gh2ax_12

exp 123-3_gh2ax_gh2ax_13(Colorimetric)

Figure S6b, WB, b-actin expression, ID8-Scr, KO#1,2 2nd round (exp123-3)

Date 12/11/2024

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)



file name

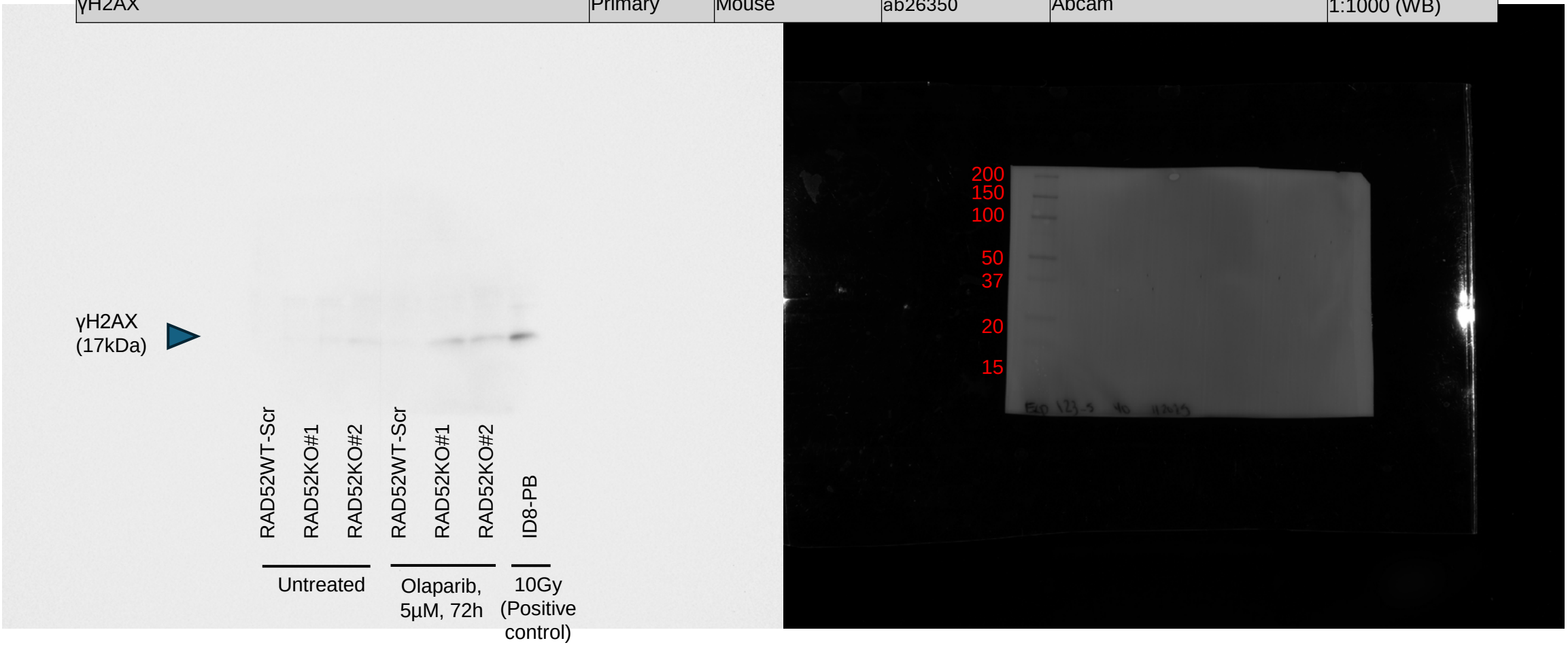
exp 123-3_gh2ax_bactin_09

exp 123-3_gh2ax_bactin_10(Colorimetric)

Figure S6b, WB, gH2AX expression, ID8-Scr, KO#1,2 3rd round (exp123-3)

Date 1/23/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
γH2AX	Primary	Mouse	ab26350	Abcam	1:1000 (WB)



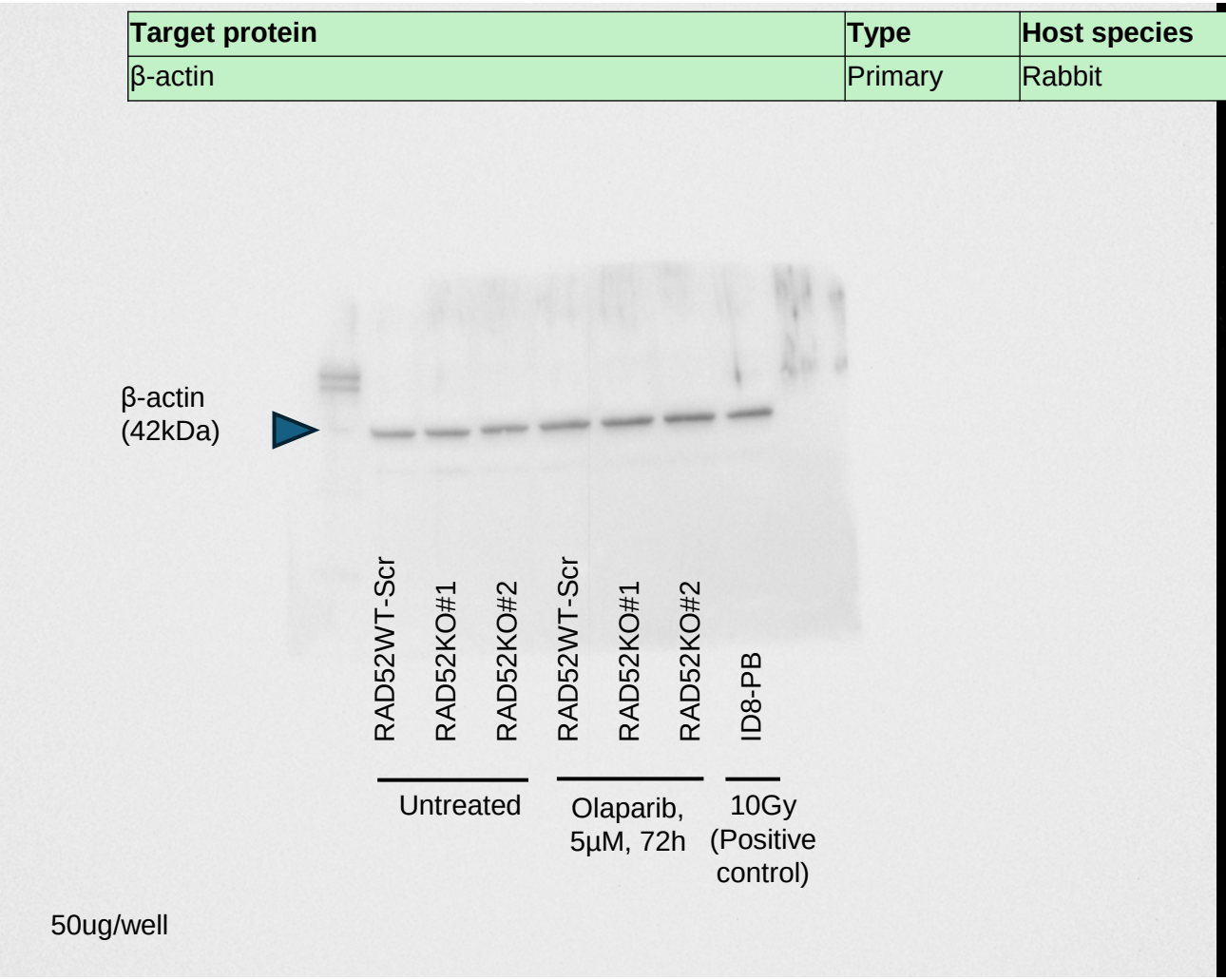
50ug/well

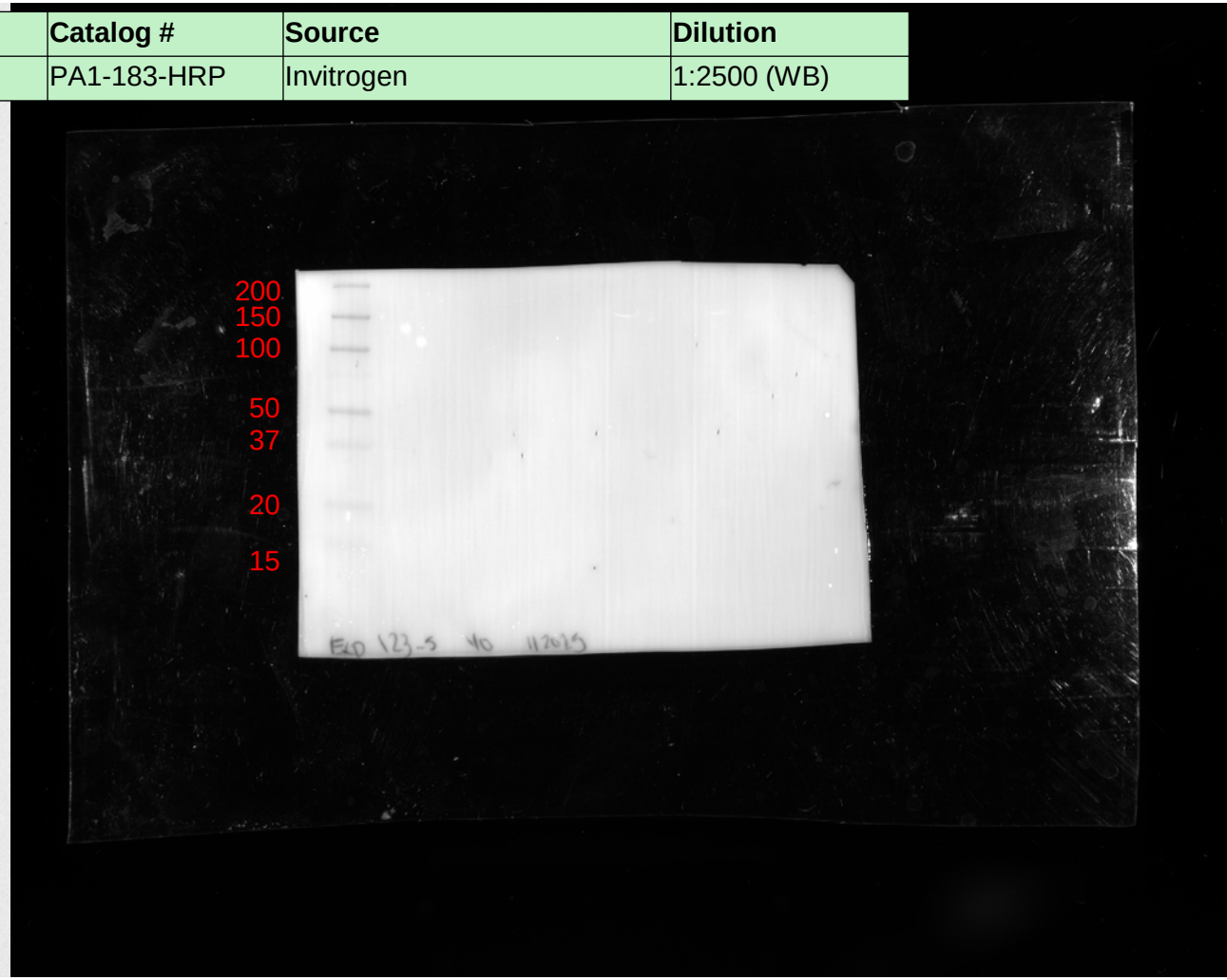
file name exp 123-5_gh2ax_17(Chemiluminescence), exp 123-5_gh2ax_19(Colorimetric)

Figure S6b, WB, b-actin expression, ID8-Scr, KO#1,2 3rd round (exp123-3)

Date 1/24/2025

Target protein	Type	Host species	Catalog #	Source	Dilution
β-actin	Primary	Rabbit	PA1-183-HRP	Invitrogen	1:2500 (WB)





file name

exp 123-5_b actin (2)_09(Chemiluminescence)

exp 123-5_b actin (2)_10(Colorimetric)