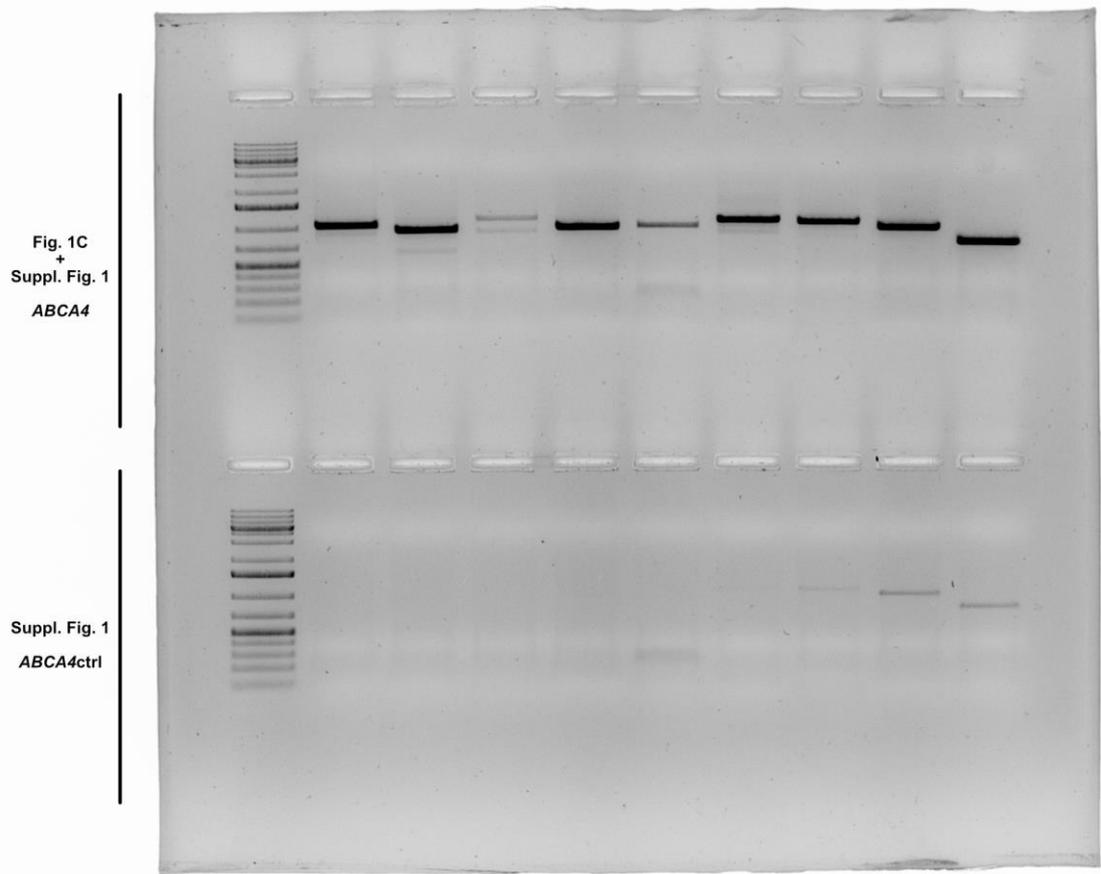**Full unedited gel for Figure 1C and S.Figure 1 (ABCA4)**

Fig. 1C
+
Suppl. Fig. 1

ABCA4

Suppl. Fig. 1

*ABCA4*ctrl

Full unedited gel for Figure 1C and S.Figure 1 (MYO7A)

Fig. 1C
+
S.Fig. 1

MYO7A

S.Fig. 1

*MYO7A*ctrl
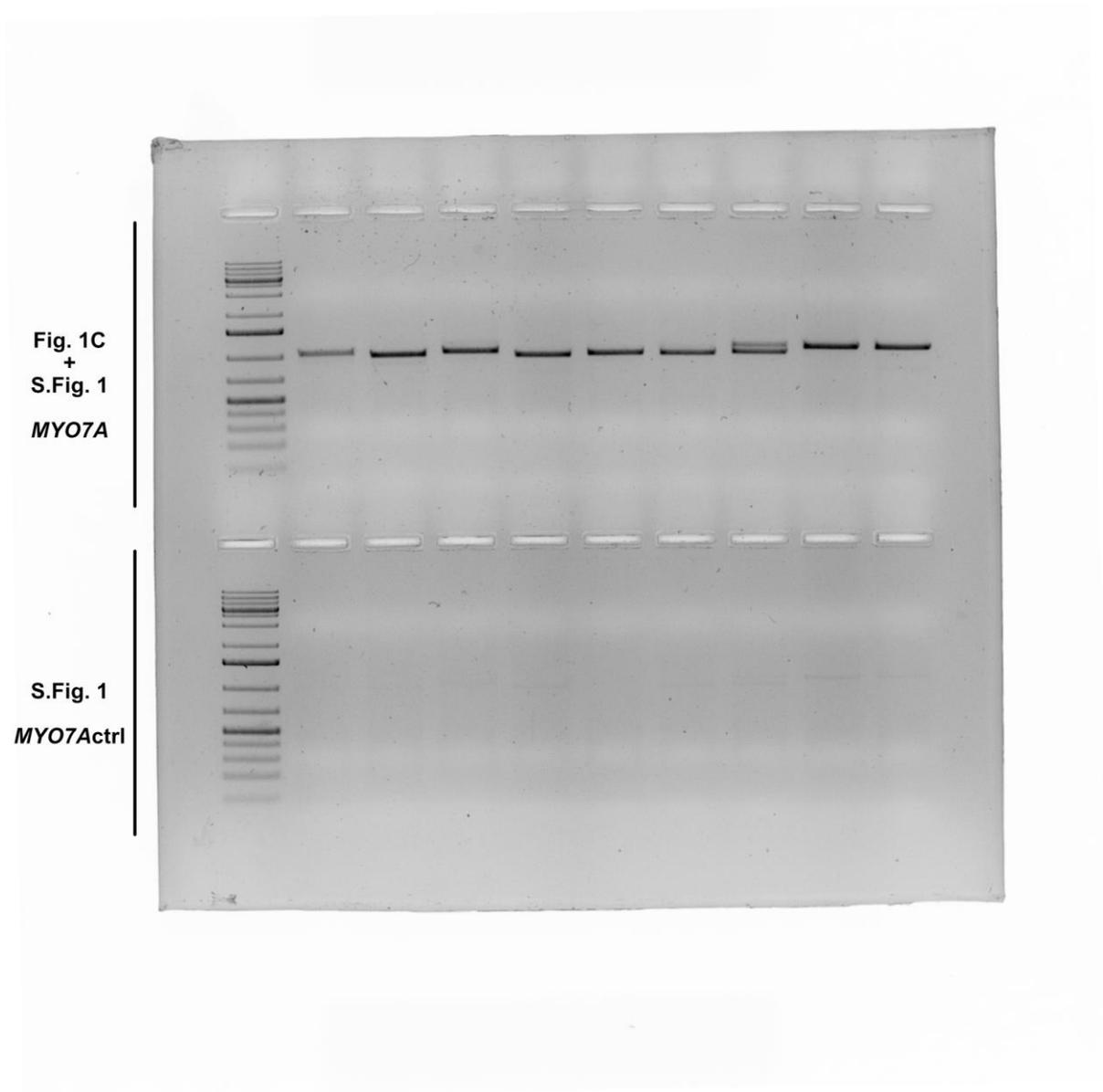
Full unedited gel for Figure 1C and S.Figure 1 (RPE65)

Fig. 1C
+
S.Fig. 1

RPE65

S.Fig. 1

*RPE65*ctrl
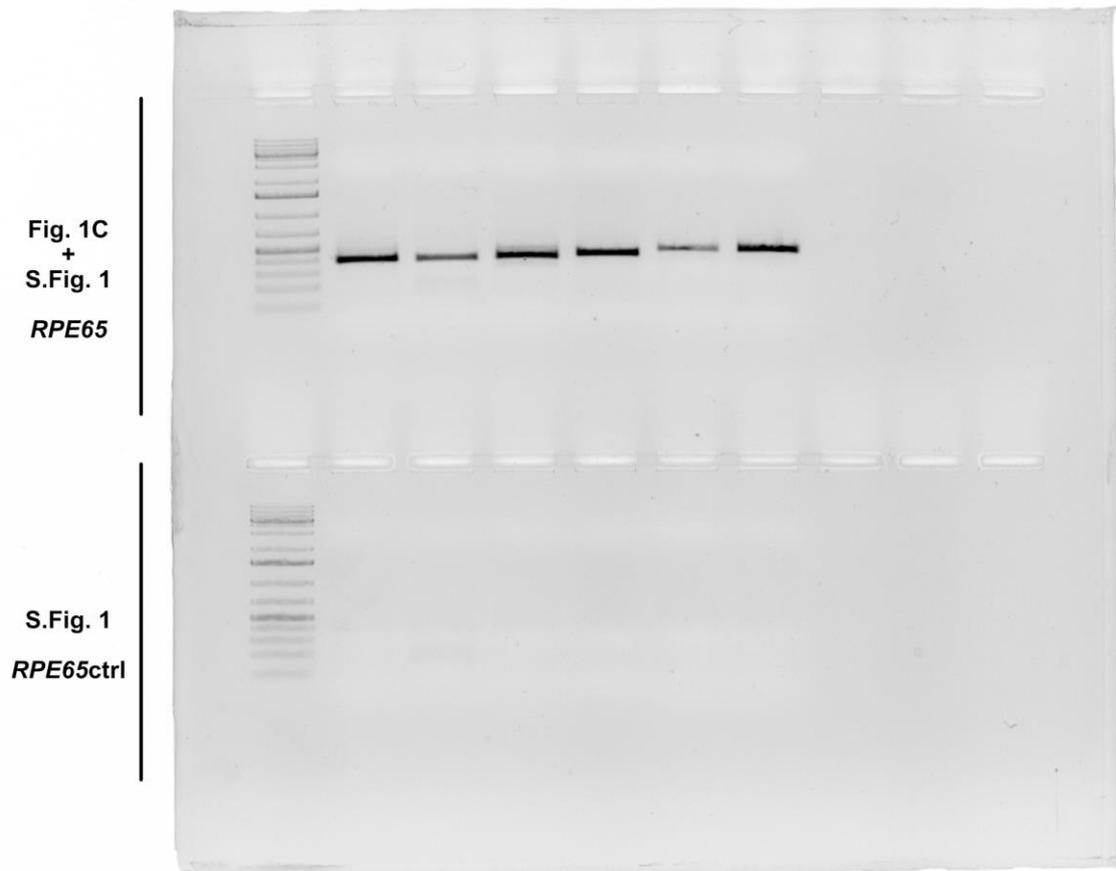
Full unedited gel for Figure 1C and S.Figure 1 (USH2A)

Fig. 1C + S.Fig. 1, *USH2A*   S.Fig. 1, *USH2A*ctrl
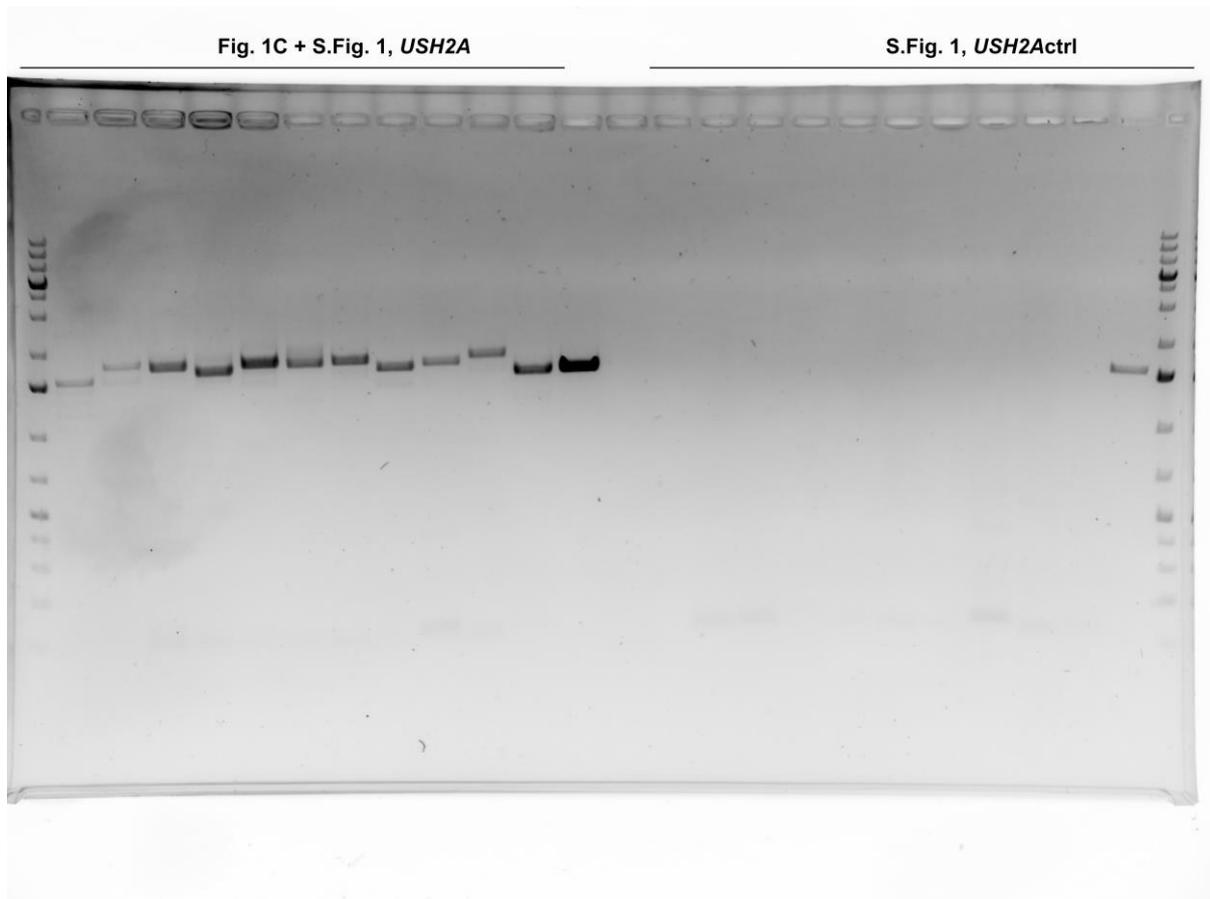
Full unedited gel for Figure 2A (ABCA4,hRE)

Fig.2A

ABCA4, hRE
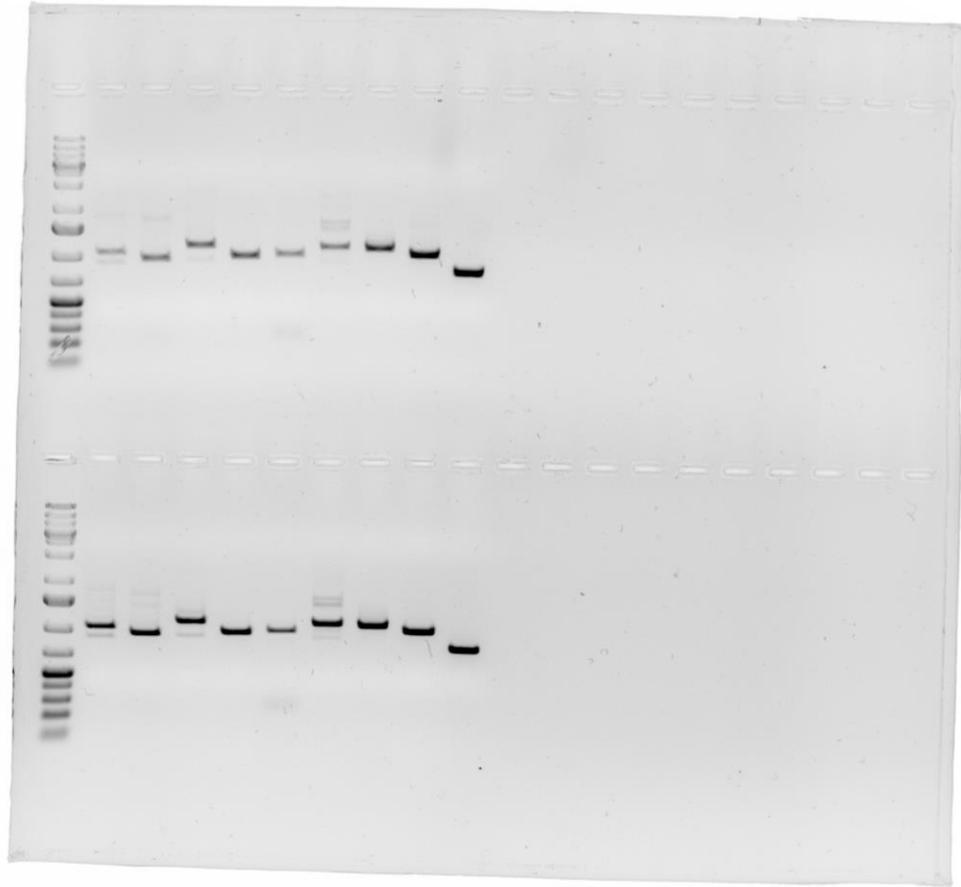
Full unedited gel for Figure 2A (ABCA4,hRO)

Fig.2A, *ABCA4* hRO
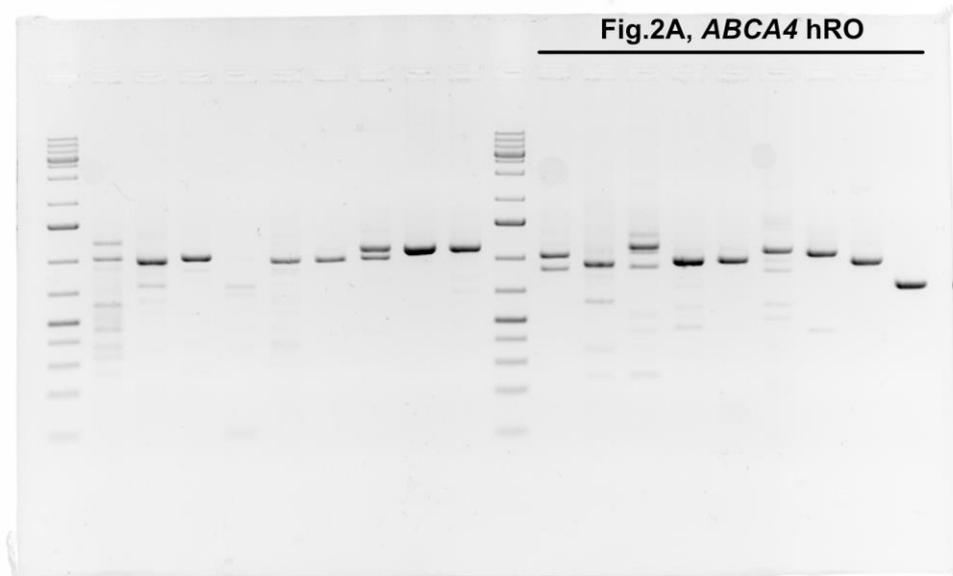
Full unedited gel for Figure 2A (RPE65,hRE)
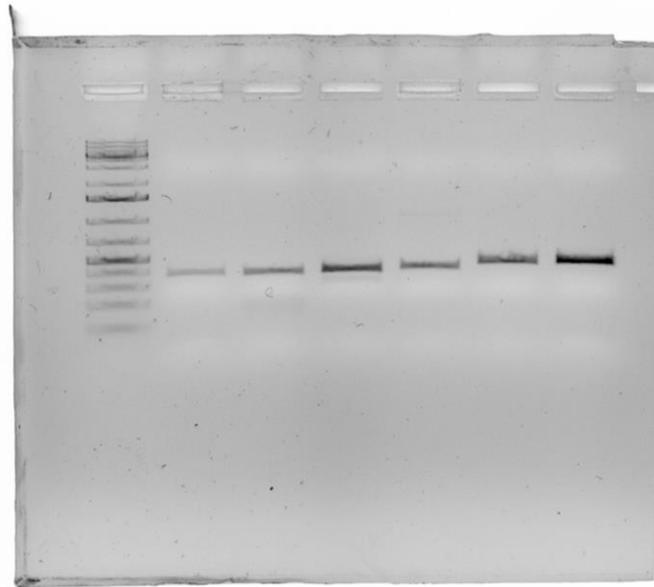
Fig.2A

RPE65, hRE

Full unedited gel for Figure 2A (RPE65,hRO)

Fig.2A

RPE65, hRO

Full unedited gel for Figure 2A and S.Figure 5 (ABCA4,Fibroblast)

Fig.2A + S.Fig.5, *ABCA4* Fibroblast
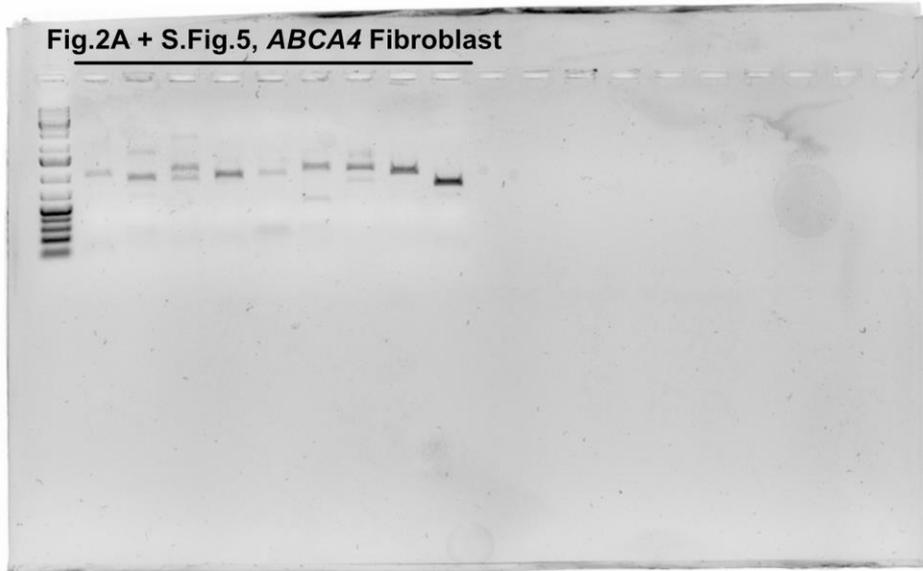
Full unedited gel for Figure 2A and S.Figure 5 (ABCA4,PBMC)

Fig.2A + S.Fig.5, *ABCA4* PBMCs
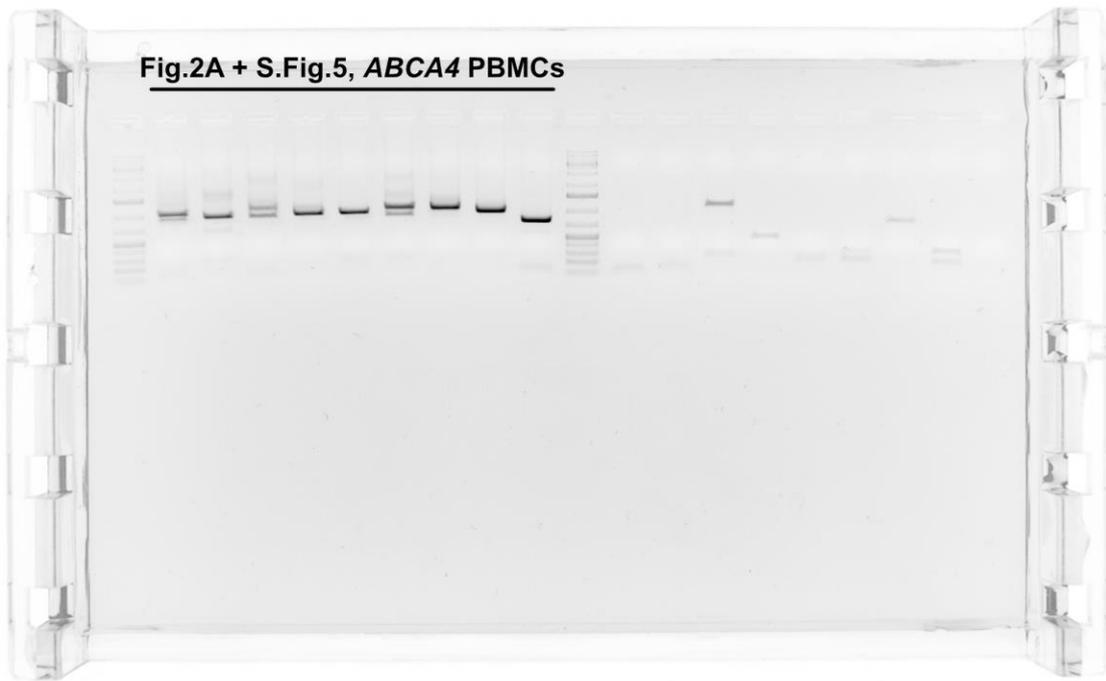
Full unedited gel for Figure 2A and S.Figure 5 (RPE65,Fibroblast)

S.Fig.5
*RPE65*ctrl Fibroblasts

Fig. 2 + S.Fig.5
RPE65 Fibroblasts

Full unedited gel for Figure 2A and S.Figure 5 (RPE65,PBMC)

Fig. 2A + S.Fig. 5
RPE65 PBMCs

S.Fig. 5
*RPE65*ctrl PBMCs
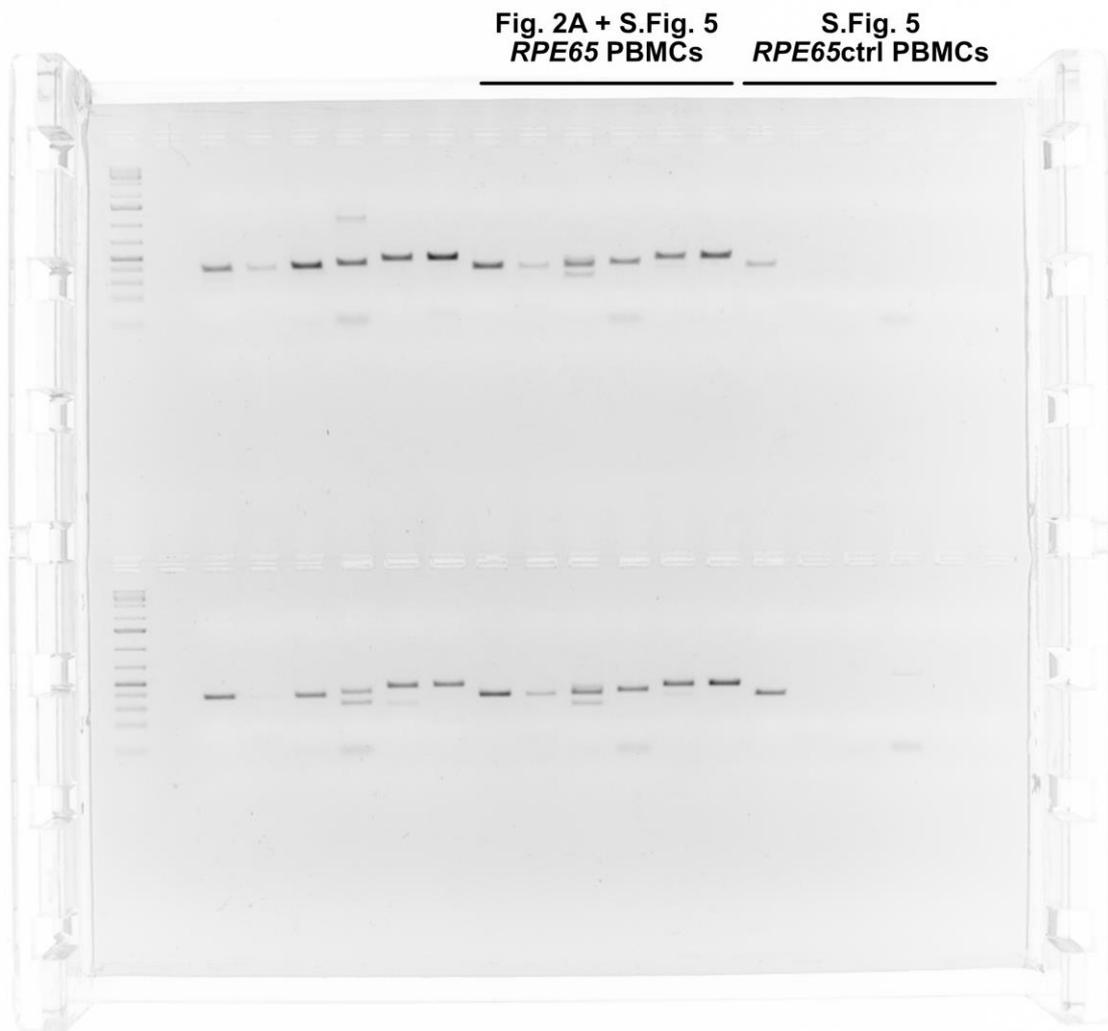
Full unedited gel for Figure 5B (ABCA4_CTRL)
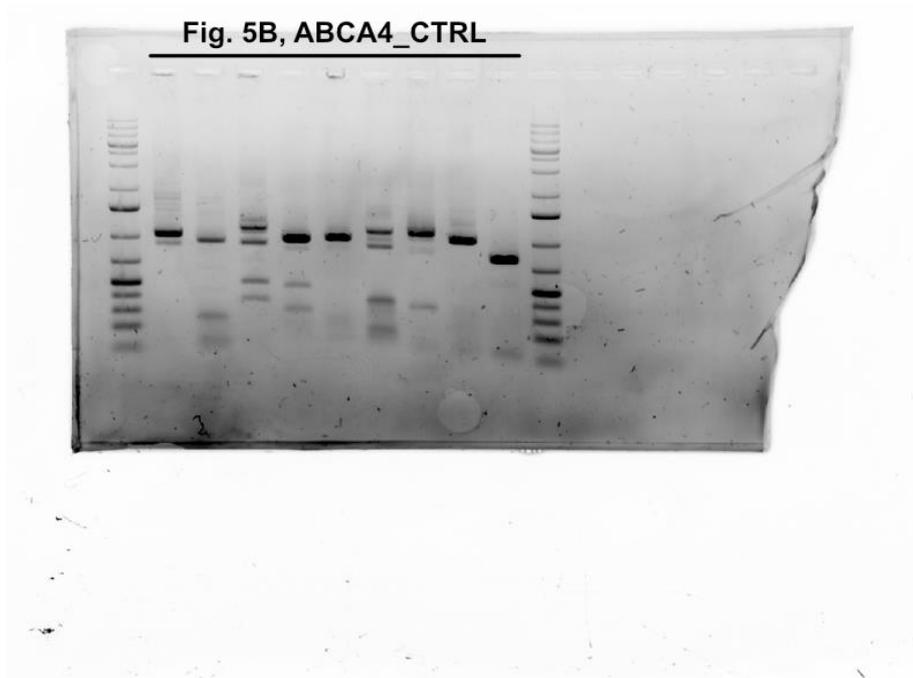
Full unedited gel for Figure 5B and S.Figure 7 (P1 + P1ctrl)

Fig. 5B, P1 + S.Fig. 7, P1
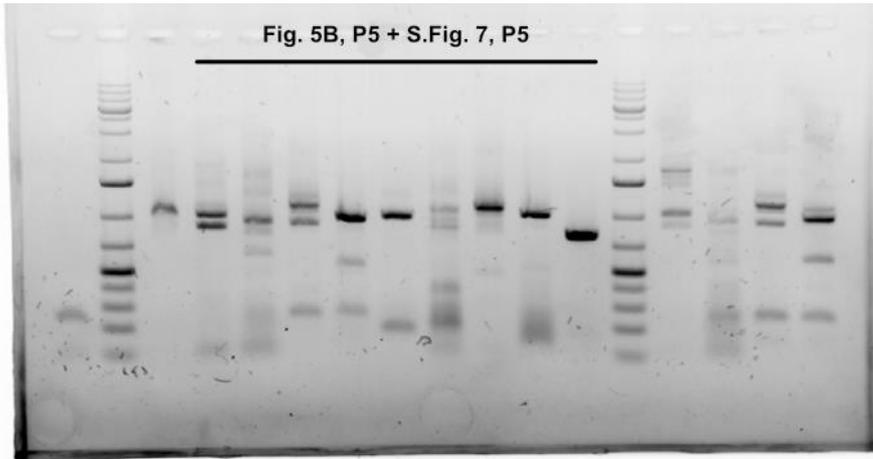
S.Fig. 7, P1ctrl
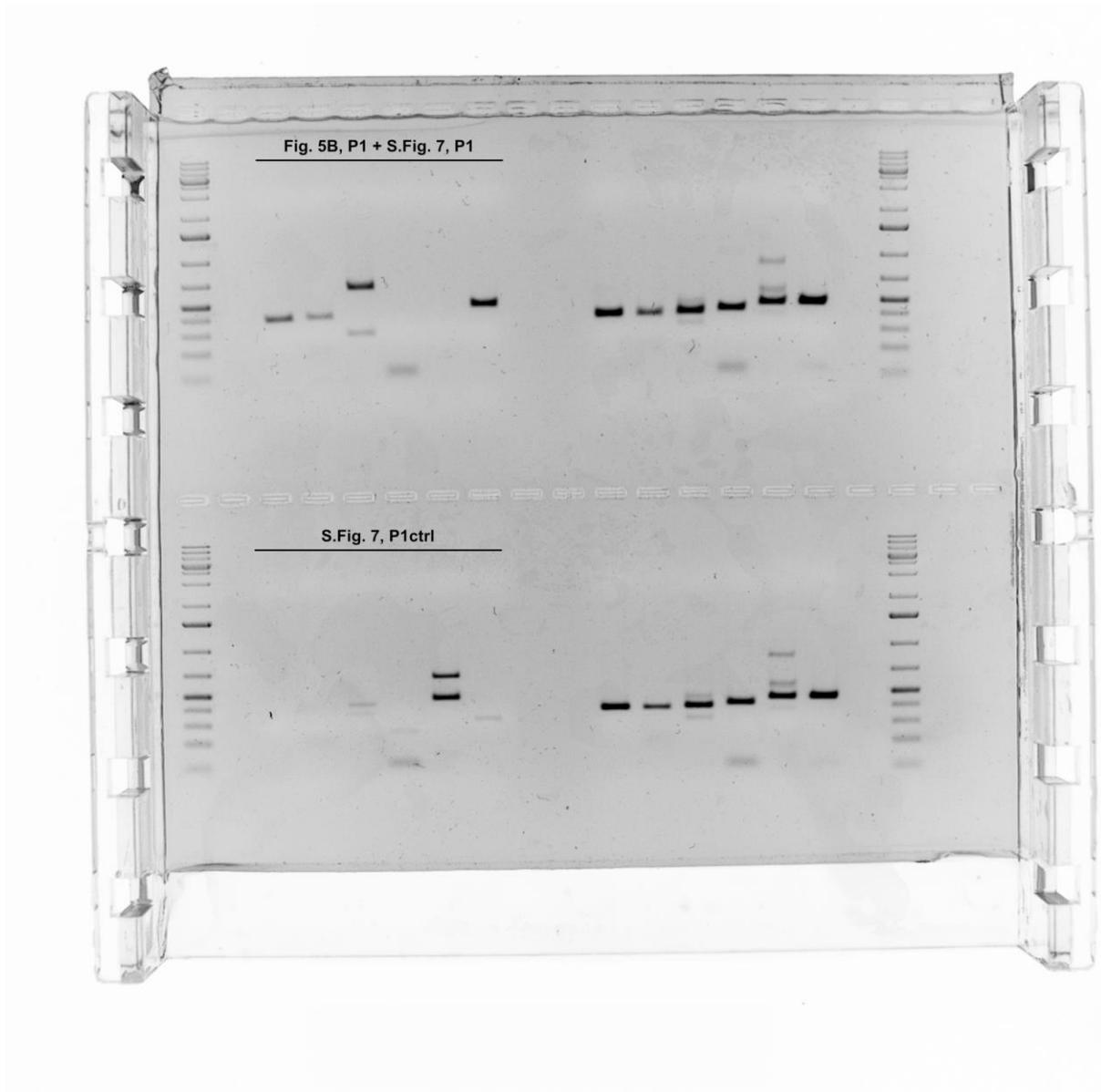
Full unedited gel for Figure 5B and S.Figure 7 (P2, P2ctrl, P3, P3ctrl, RPE65_CTRL)
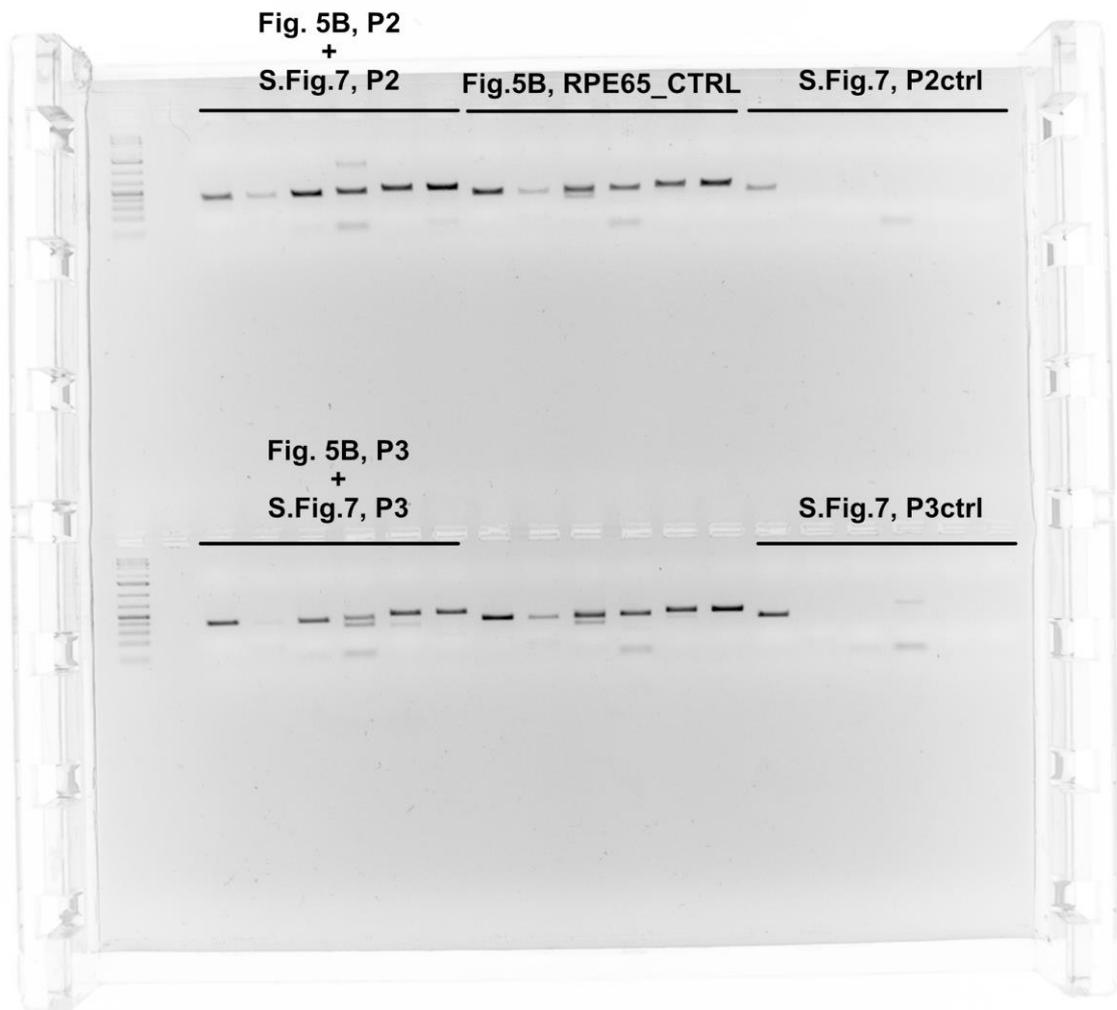
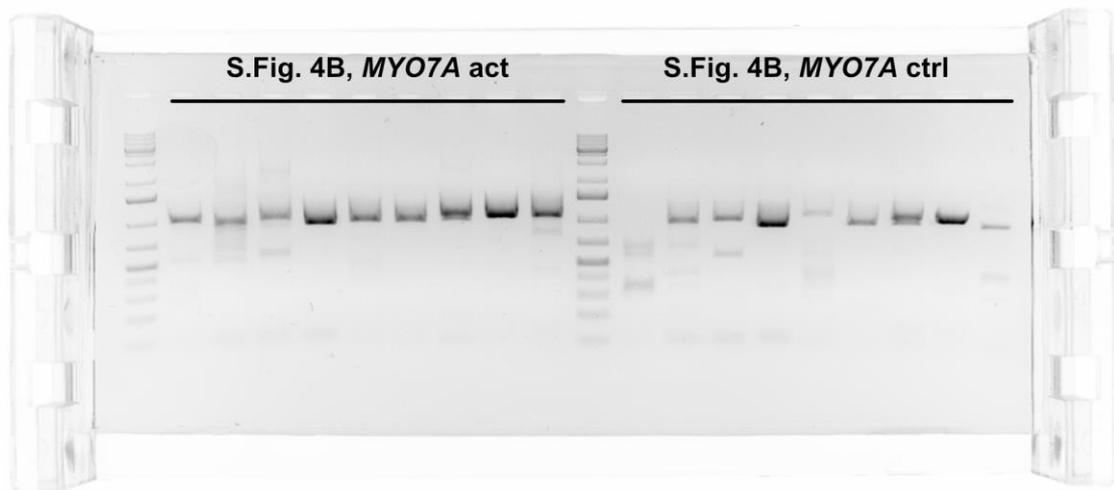**Full unedited gel for Figure 5B and S.Figure 7 (P4)**

Fig. 5B, P4
+
S.Fig. 7, P4
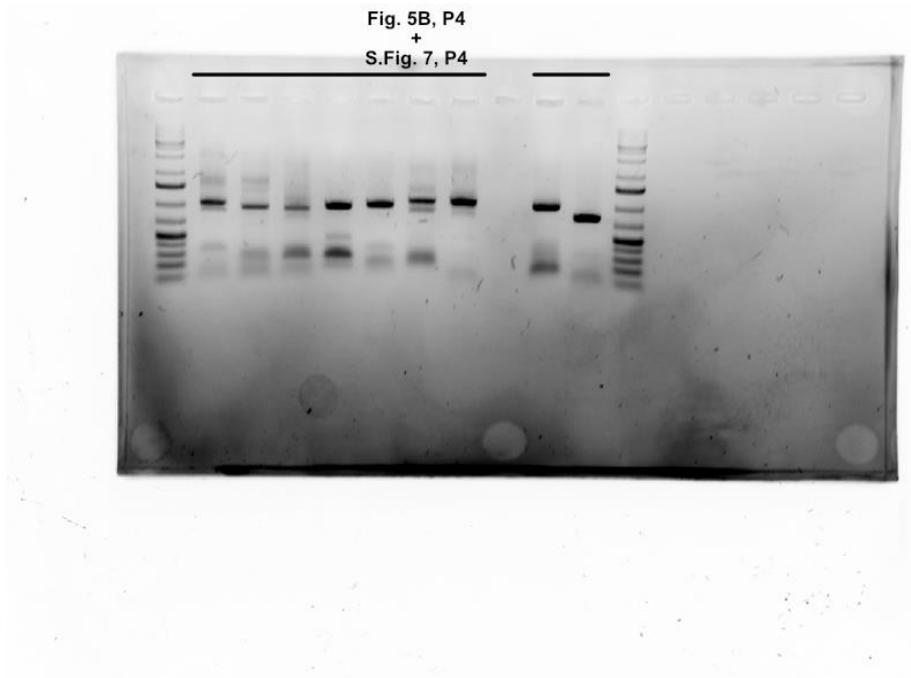
Full unedited gel for Figure 5B and S.Figure 7 (P5)

Fig. 5B, P5 + S.Fig. 7, P5

Full unedited gel for Figure 5B and S.Figure 7 (P6 + P6ctrl)

Fig. 5B, P6 + S.Fig. 7, P6

S.Fig. 7, P6ctrl
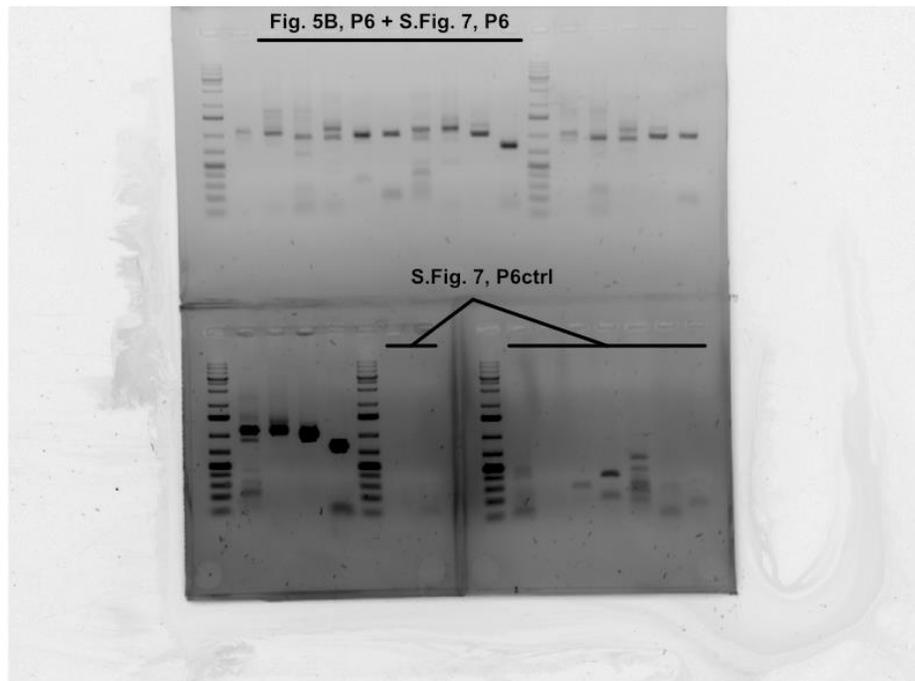
Full unedited gel for S.Figure 4B

Full unedited gel for S.Figure 4C

S.Fig. 4C, *MYO7A* act

S.Fig. 4C, *MYO7A* ctrl
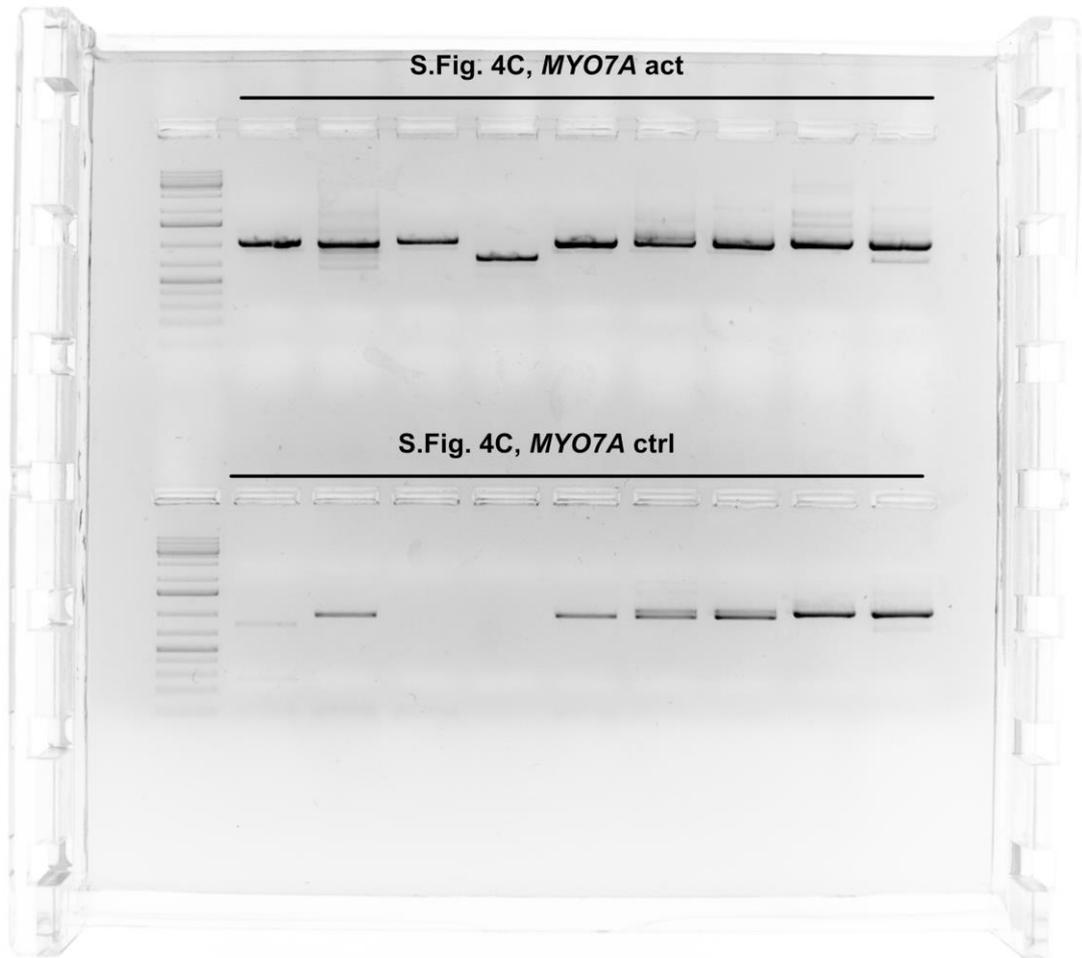
Full unedited gel for S.Figure 4E
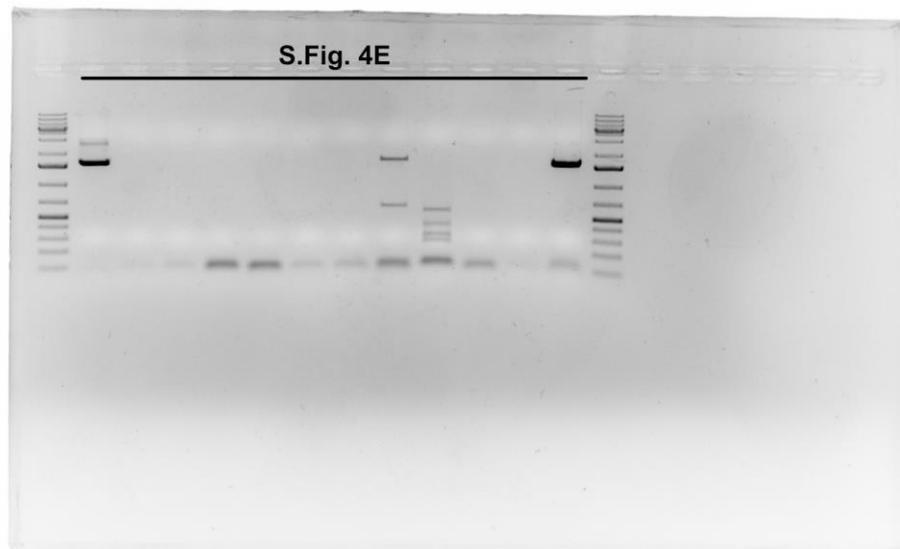
Full unedited gel for S.Figure 5 (ABCA4ctrl,Fibroblast)

S.Fig. 5, Fibroblast_ABCA4ctrl
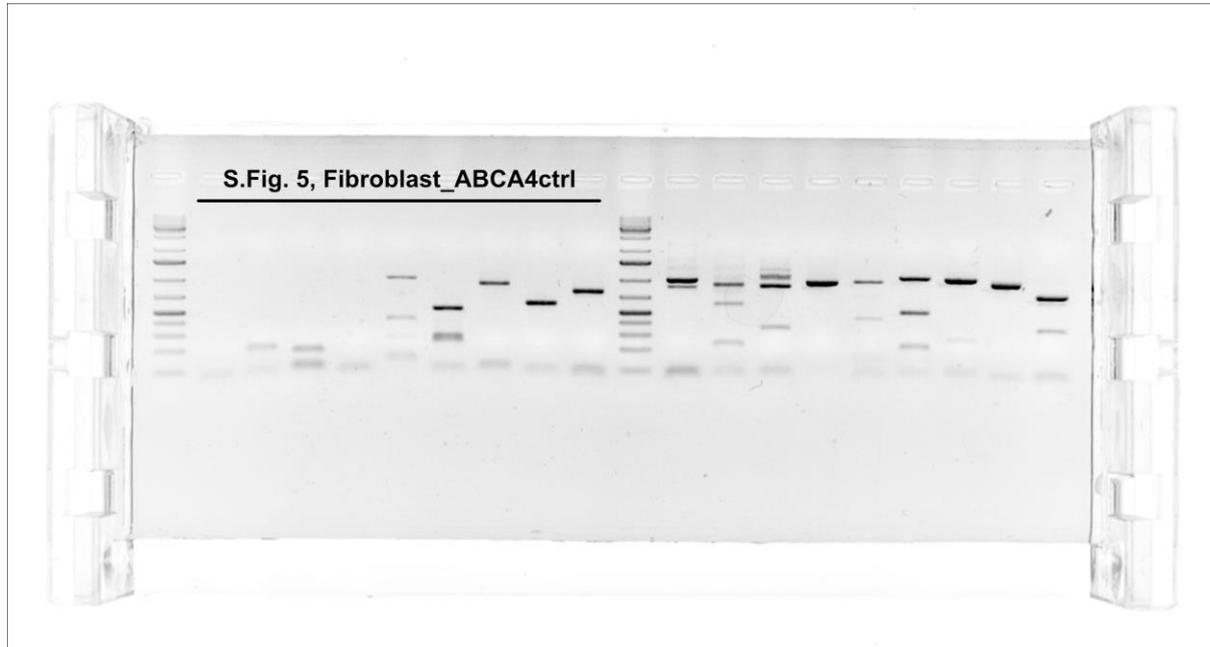
Full unedited gel for S.Figure 5 (ABCA4ctrl,PBMC)

S.Fig. 5, PBMC_ABCA4ctrl

Full unedited gel for S.Figure 6B (USH2A; USH2A_NMDi)

S.Fig. 6, B - USH2A

S.Fig. 6, B - USH2A_NMDi
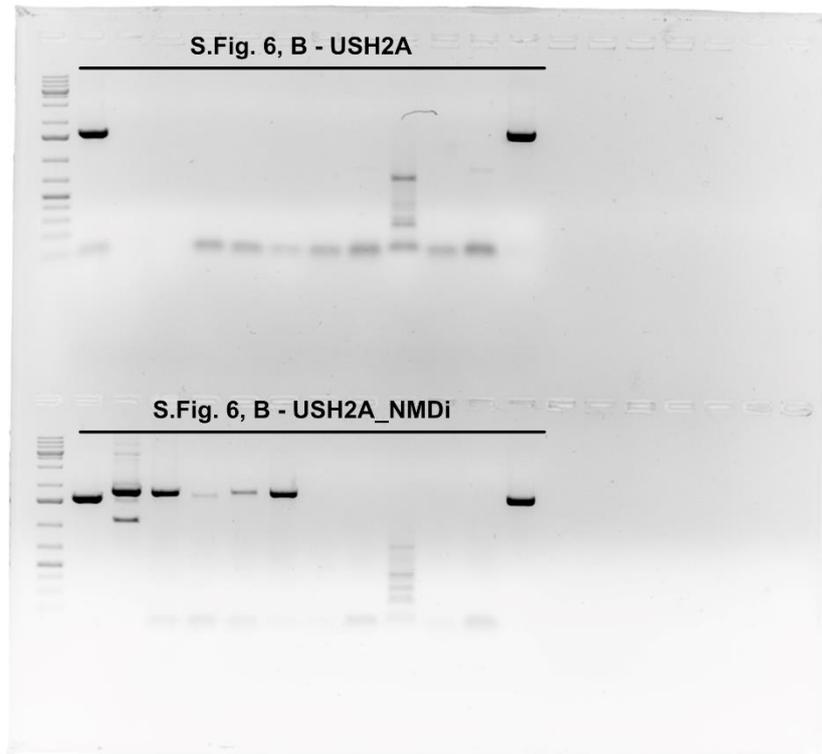
Full unedited gel for S.Figure 6C (USH2A_ST_NMDi)

S.Fig. 6, C - USH2A_ST_NMDi

Full unedited gel for S.Figure 6D (HEK293T_USH2A_Suntag)
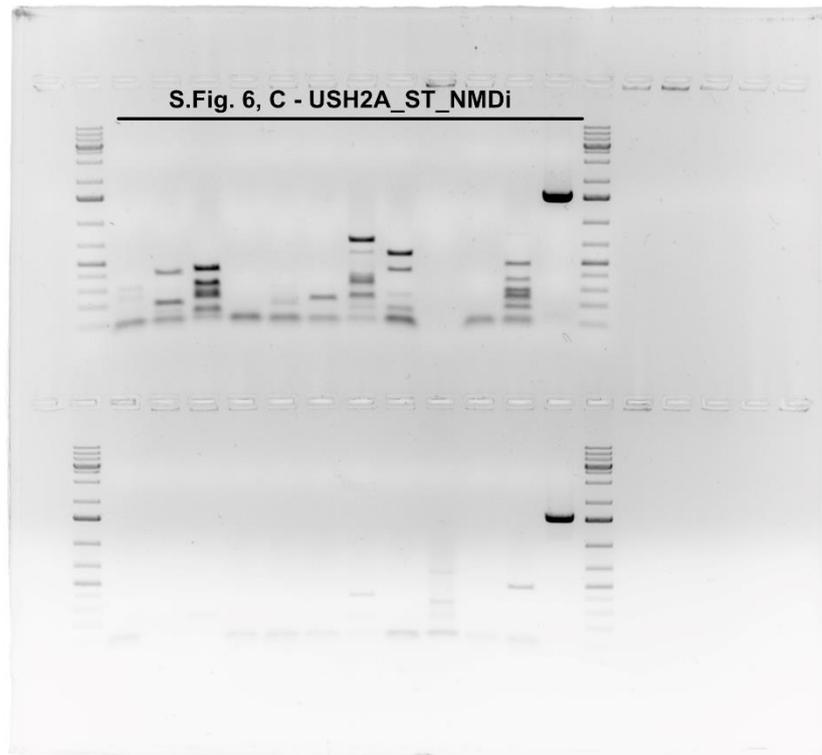
S.Fig. 6, D - HEK293T_USH2A_Suntag

Full unedited gel for S.Figure 6D (HEK293T_USH2A_VPR)
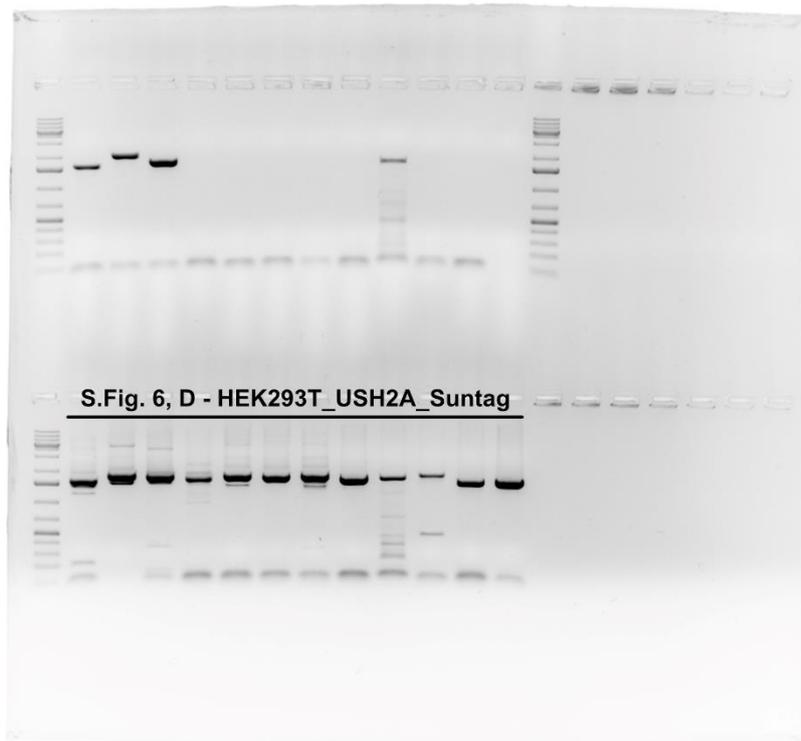
S.Fig. 6, D - HEK293T_USH2A_VPR
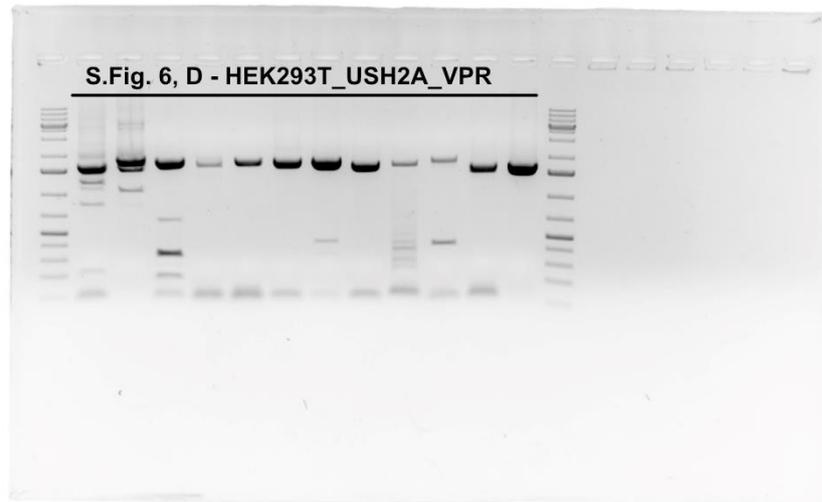
Full unedited gel for S.Figure 9 (P4ctrl)

S.Fig. 9, P4ctrl
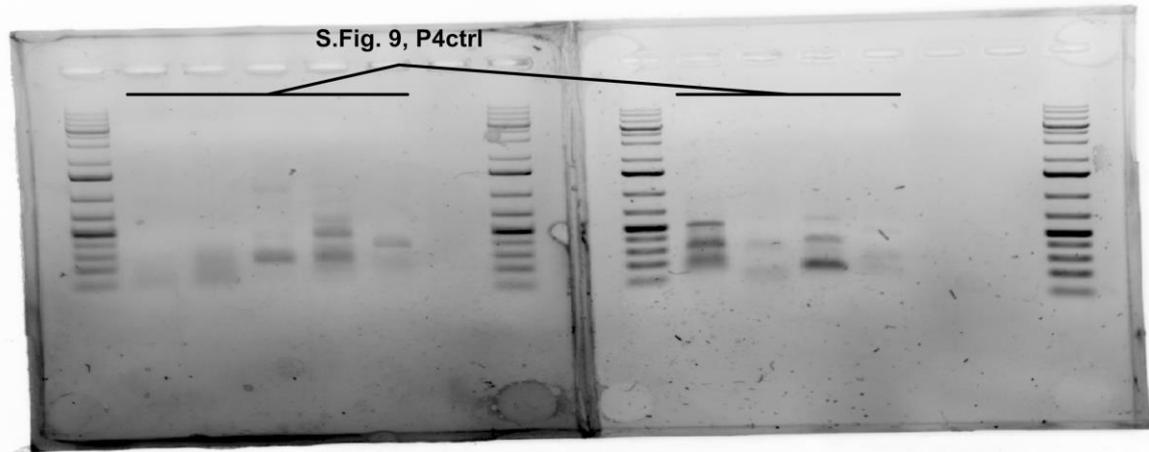
Full unedited gel for S.Figure 7 (P5ctrl)

S.Fig. 9, P5ctrl