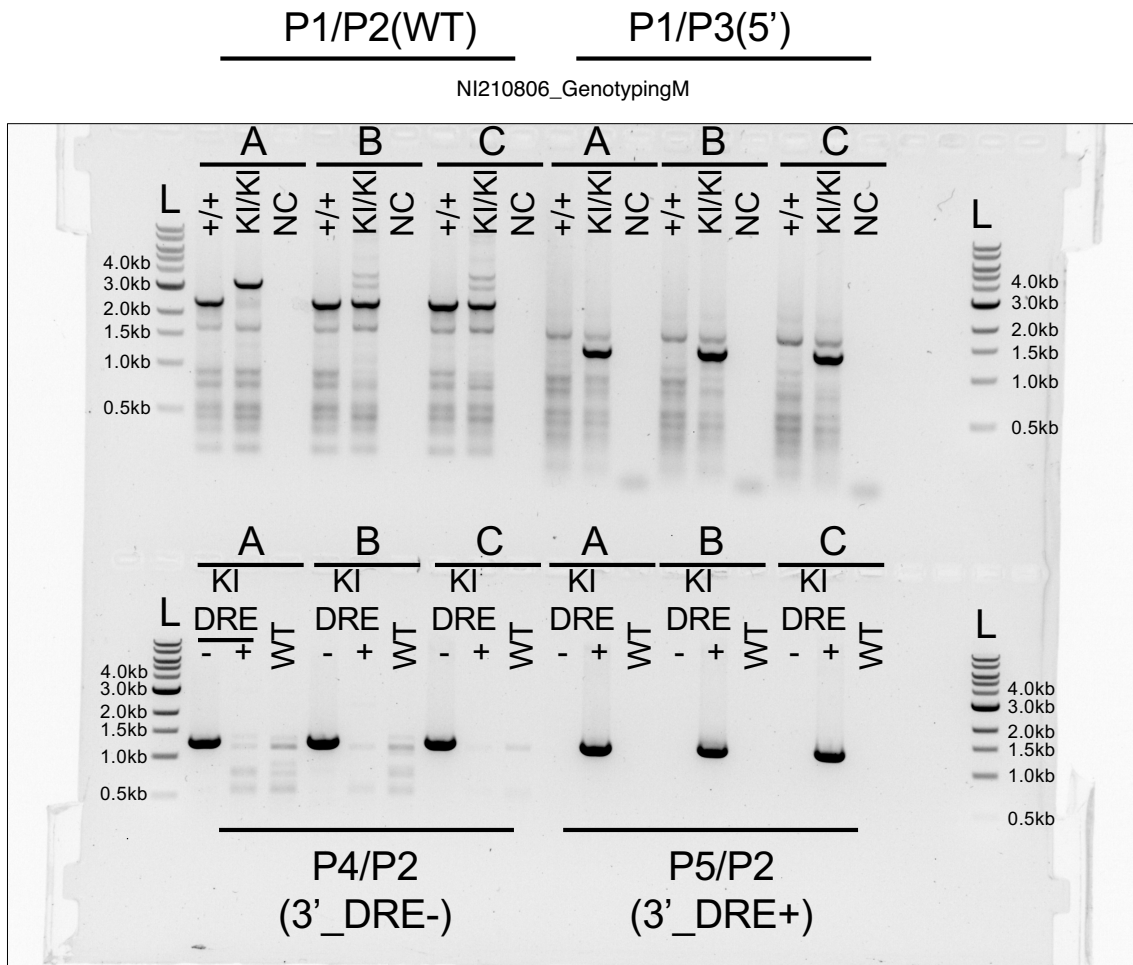


# Source Data for Extended Data Figure 1D: Agarose gel

## DMRT1 locus



Location: /Users/level2geldoc/Desktop/Naoko  
Printed: 06/08/2021 09:25 am

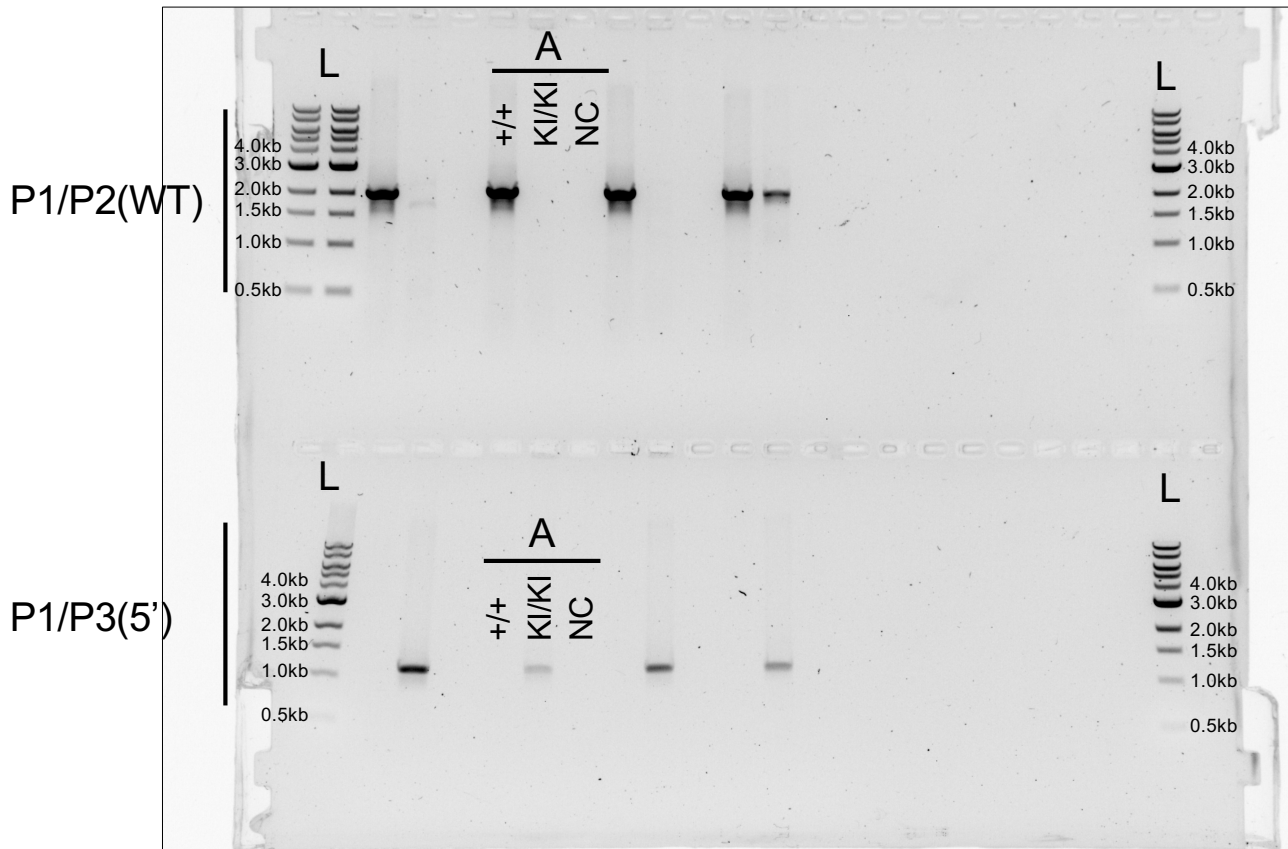
Page 1 of 1

A: WIS2 NANOS3-tdTomato, DMRT1-mVenus  
B: WIS2 NANOS3-mVenus, DMRT1-tdTomato  
C: Shef-6 DMRT1-tdTomato

L: DNA ladder 1kb

# Source Data for Extended Data Figure 1D: Agarose gel NANOS3 locus

NI210806\_GenotypingN\_W\_5



Location: /Users/level2geldoc/Desktop/Naoko  
Printed: 06/08/2021 09:32 am

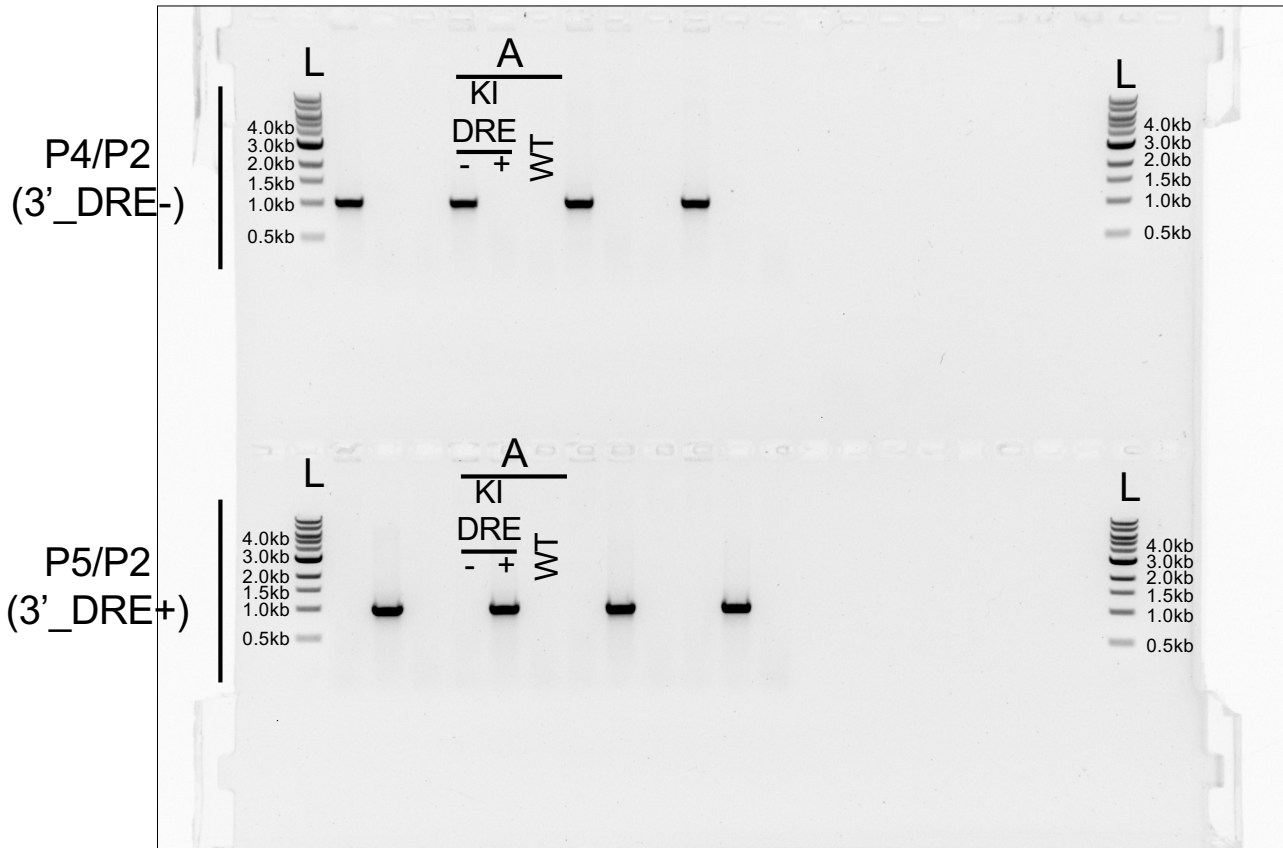
Page 1 of 1

A: WIS2 NANOS3-mVenus, DMRT1-tdTomato

L: DNA ladder 1kb

# Source Data for Extended Data Figure 1D: Agarose gel NANOS3 locus

NI210808\_GenotypingN\_3ba



Location: /Users/level2geldoc/Desktop/Naoko  
Printed: 08/08/2021 11:03 am

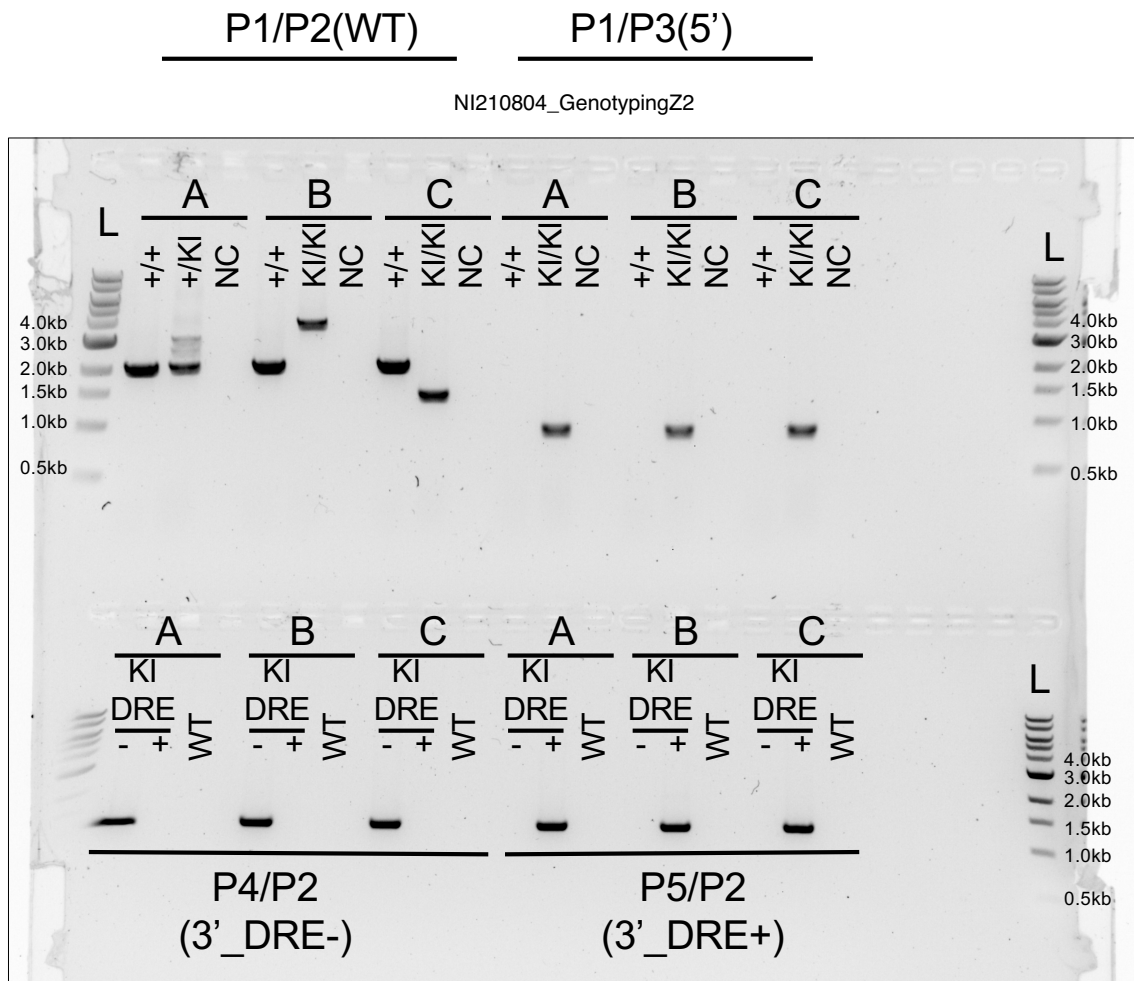
Page 1 of 1

A: WIS2 NANOS3-mVenus, DMRT1-tdTomato

L: DNA ladder 1kb

# Source Data for Extended Data Figure 1D: Agarose gel

## DAZL locus



Location: /Users/level2geldoc/Desktop/Naoko  
Printed: 04/08/2021 09:41 am

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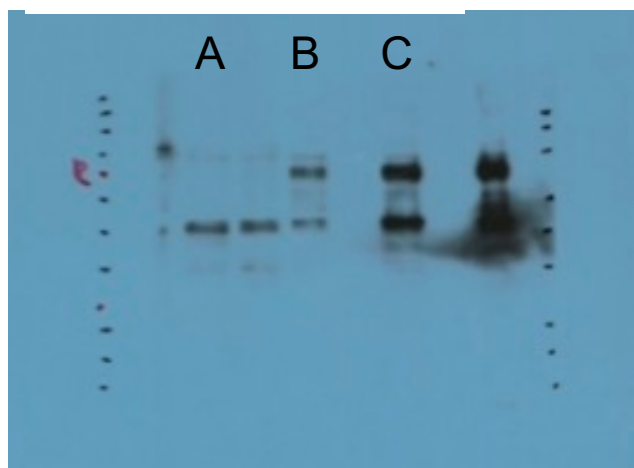
A: WIS2 DAZL-mVenus  
B: WIS2 DAZL-tdTomato  
C: Shef-6 DAZL-tdTomato

L: DNA ladder 1kb

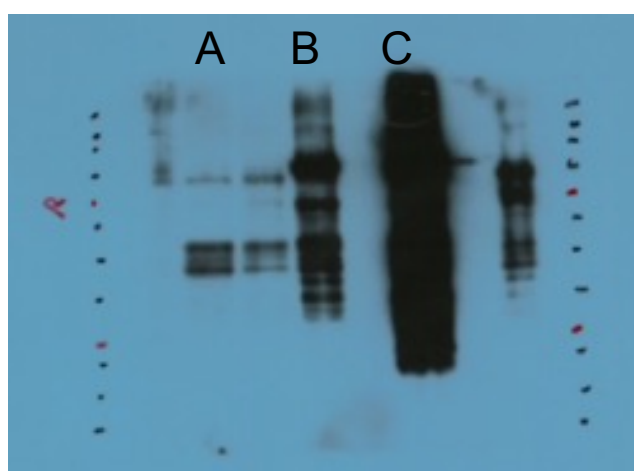
# Source Data for Extended Data Figure 1G: Western blot

A: day5 PGCLCs  
B: SOX17+PRDM1 clone1  
C: SOX17+PRDM1 clone2

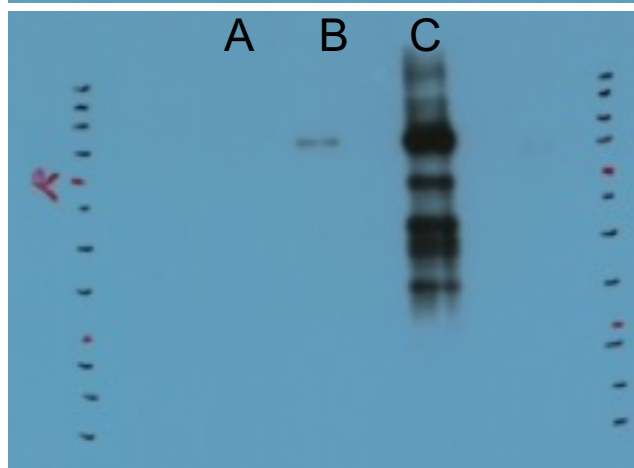
(kDa)  
245  
180  
135  
100  
75(R:Red)  
63  
48  
35  
25(Green)  
20  
17  
11



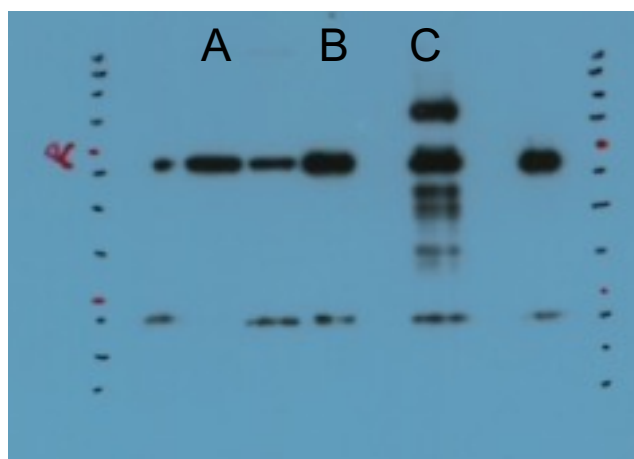
anti-SOX17  
(Exposure:10 min)



anti-PRDM1  
(Exposure:80 min)



anti-PRDM1  
(Exposure:10 sec)



anti-LAMINB1  
(Exposure:1 min)