

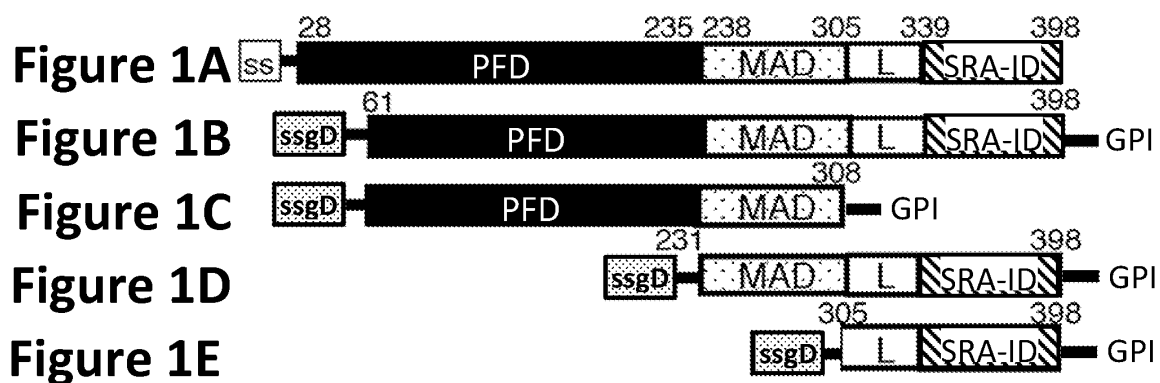
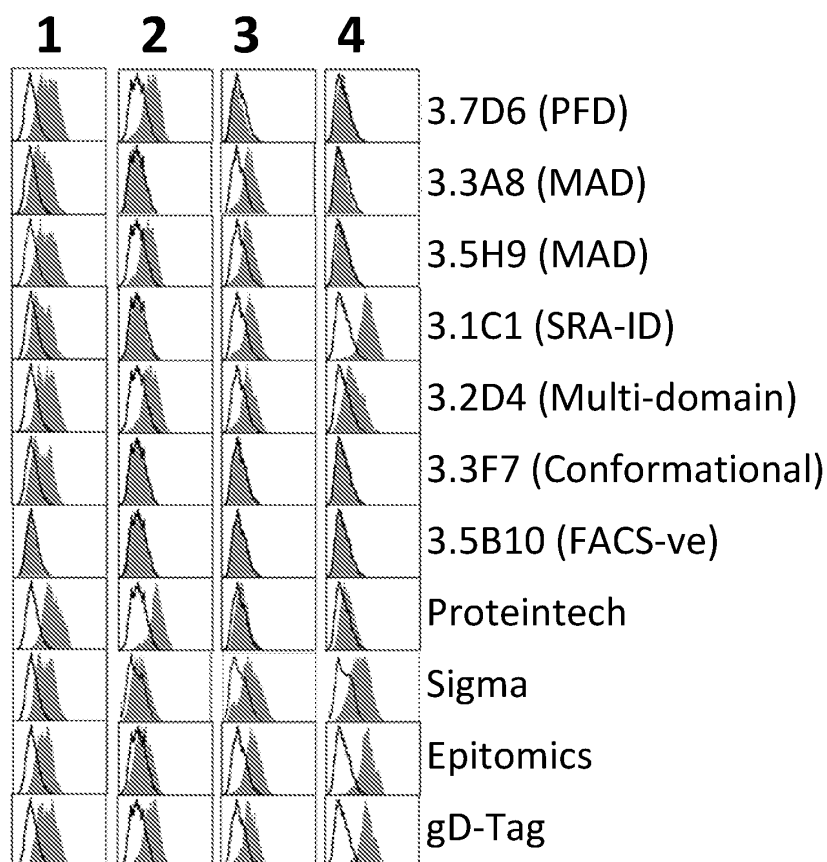
**Figure 1F**

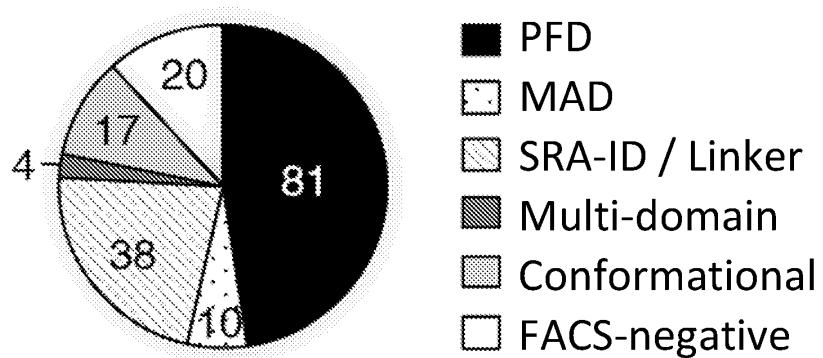
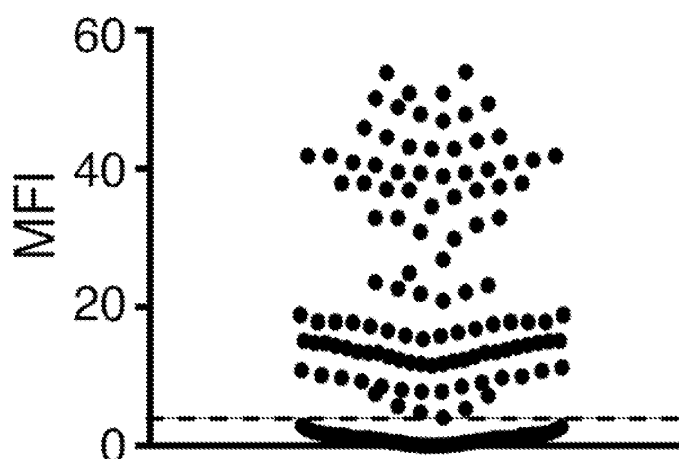
Figure 1G**Figure 2A**

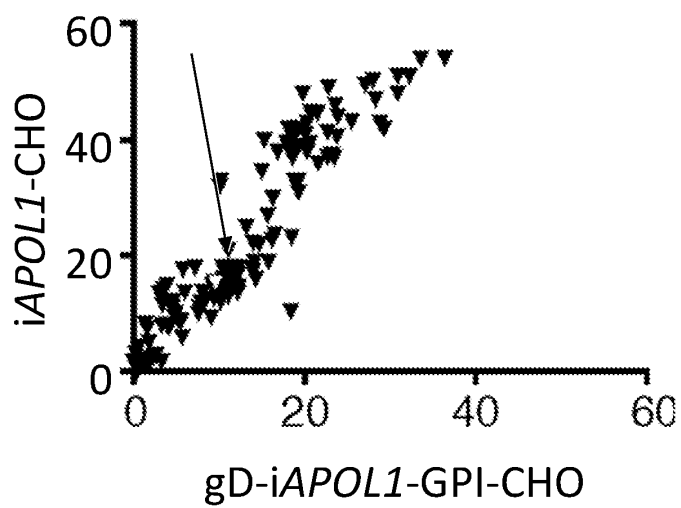
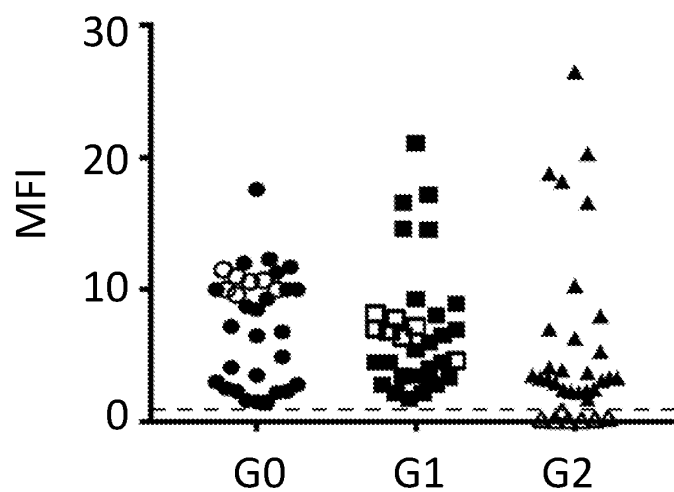
Figure 2B**Figure 2C**

Figure 2D

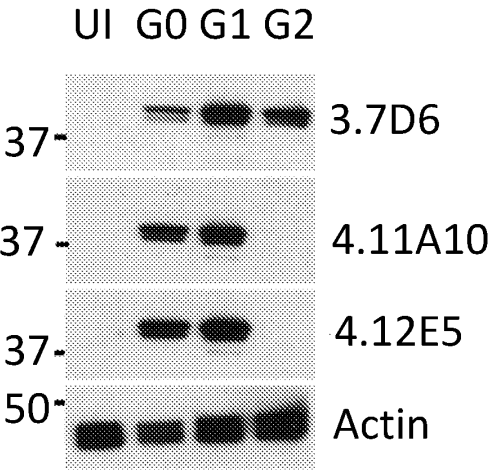


Figure 3A

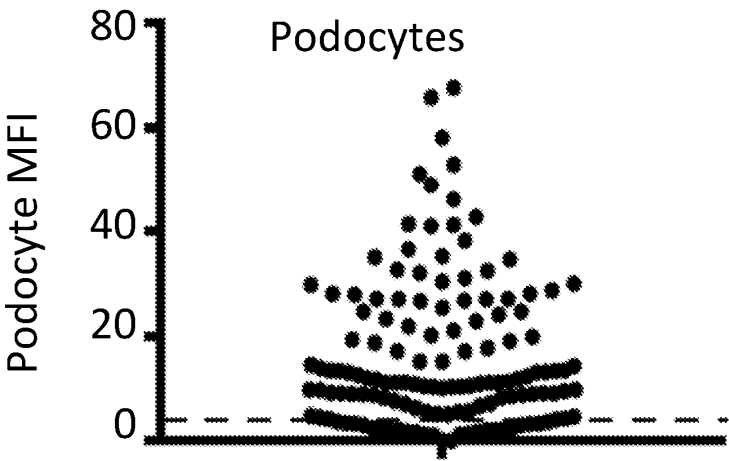
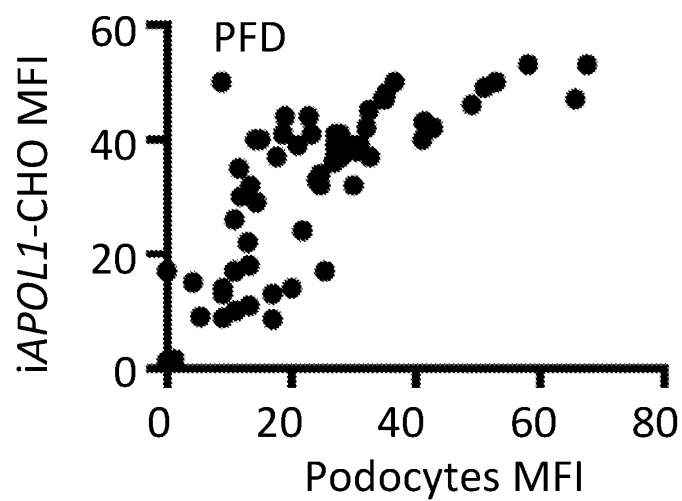
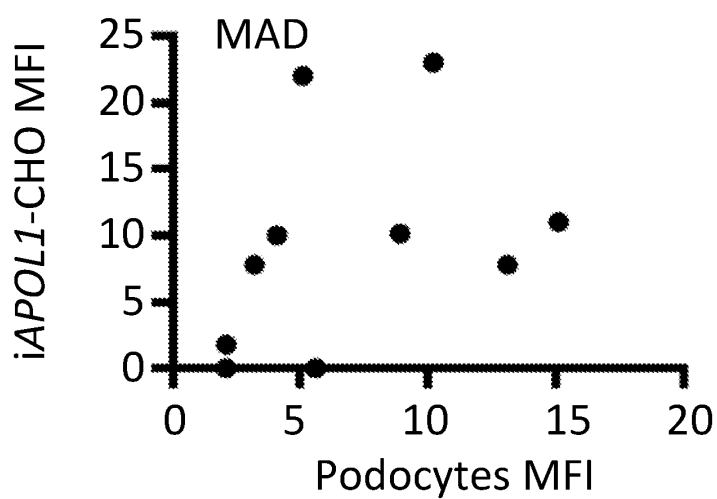


Figure 3B**Figure 3C**

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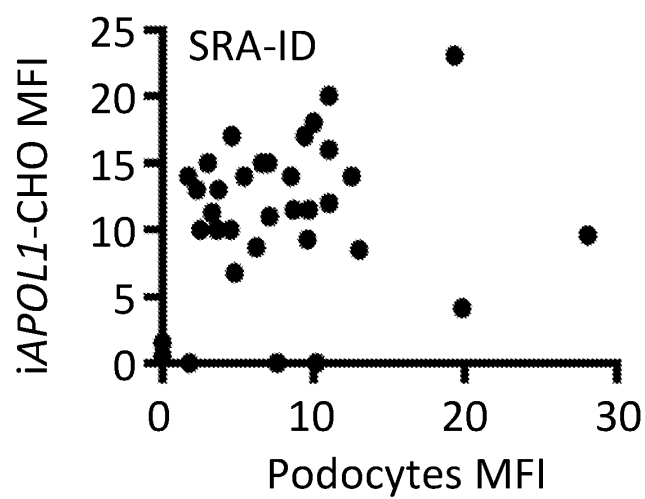
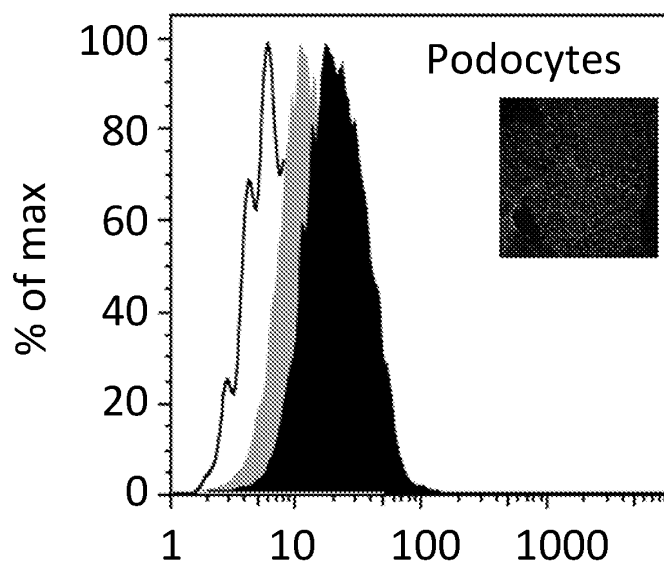
Figure 3D**Figure 3E**

Figure 3F

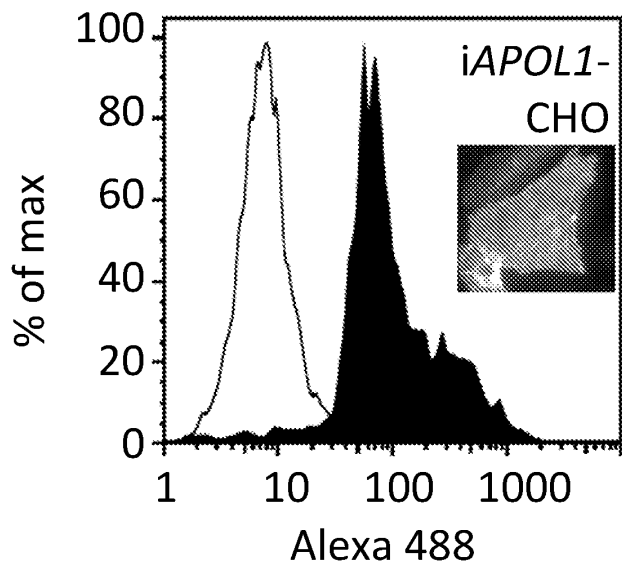
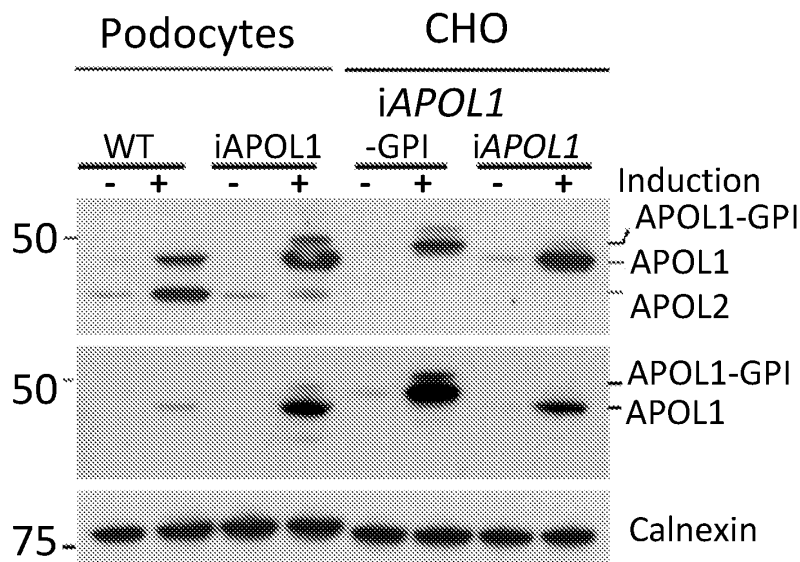


Figure 3G



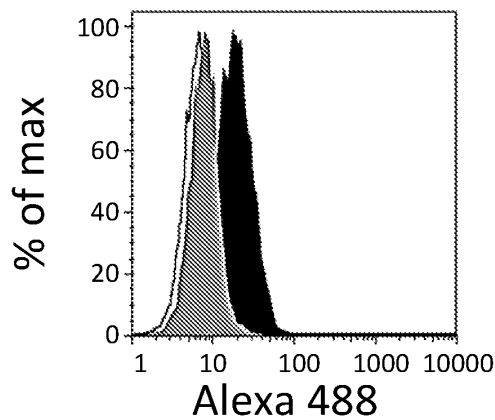


Figure 4A

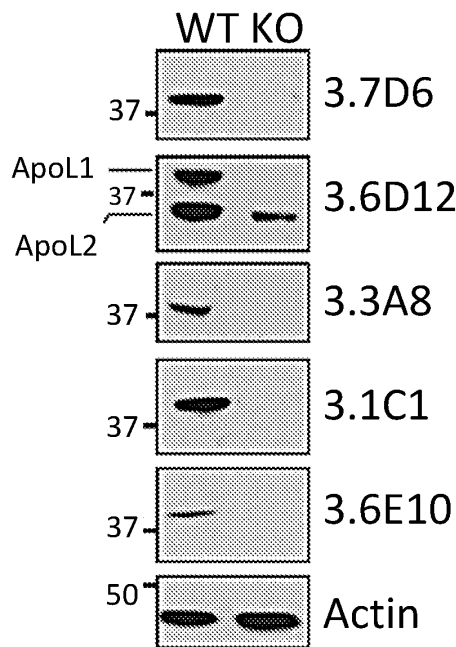


Figure 4B

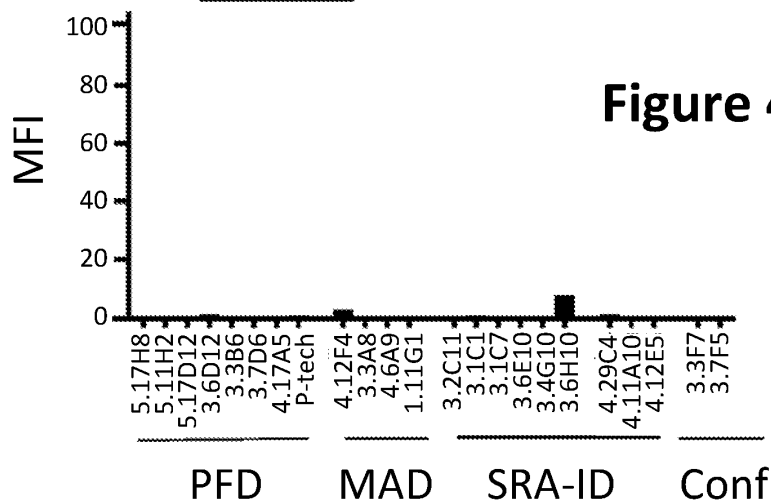


Figure 4C

Figure 5A

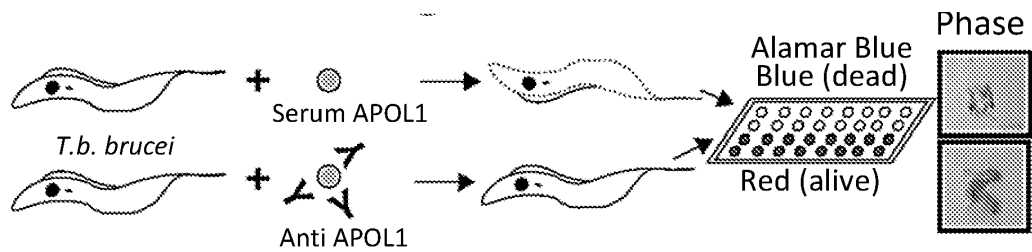


Figure 5B

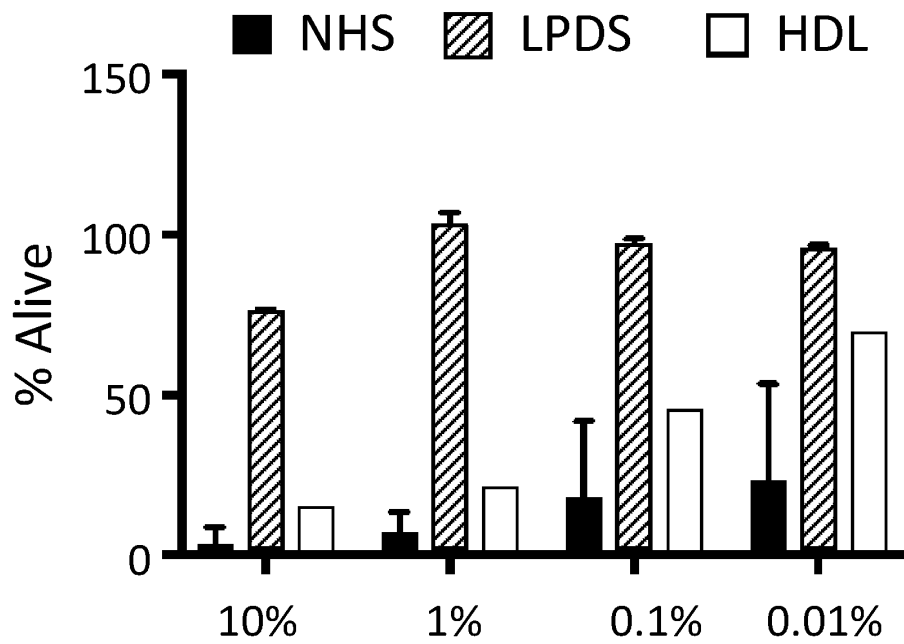


Figure 5C

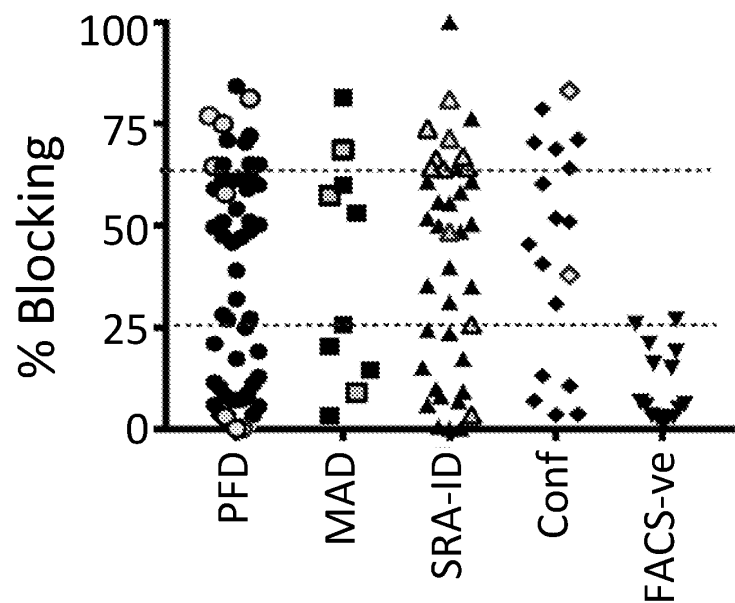
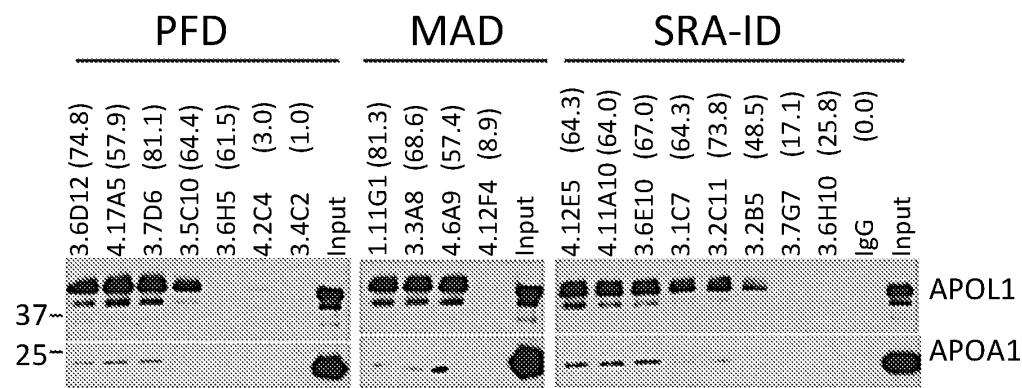
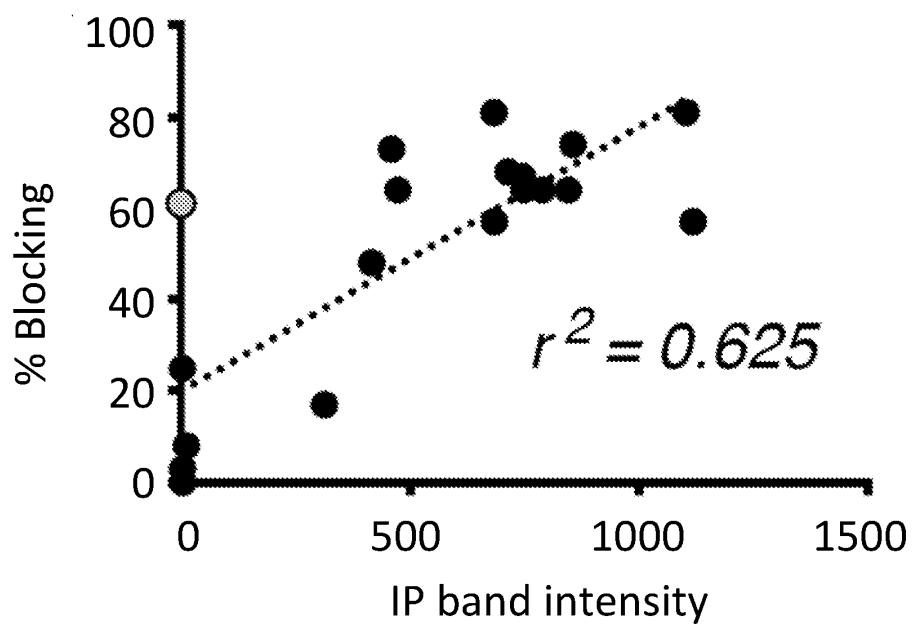


Figure 5D



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Figure 5E



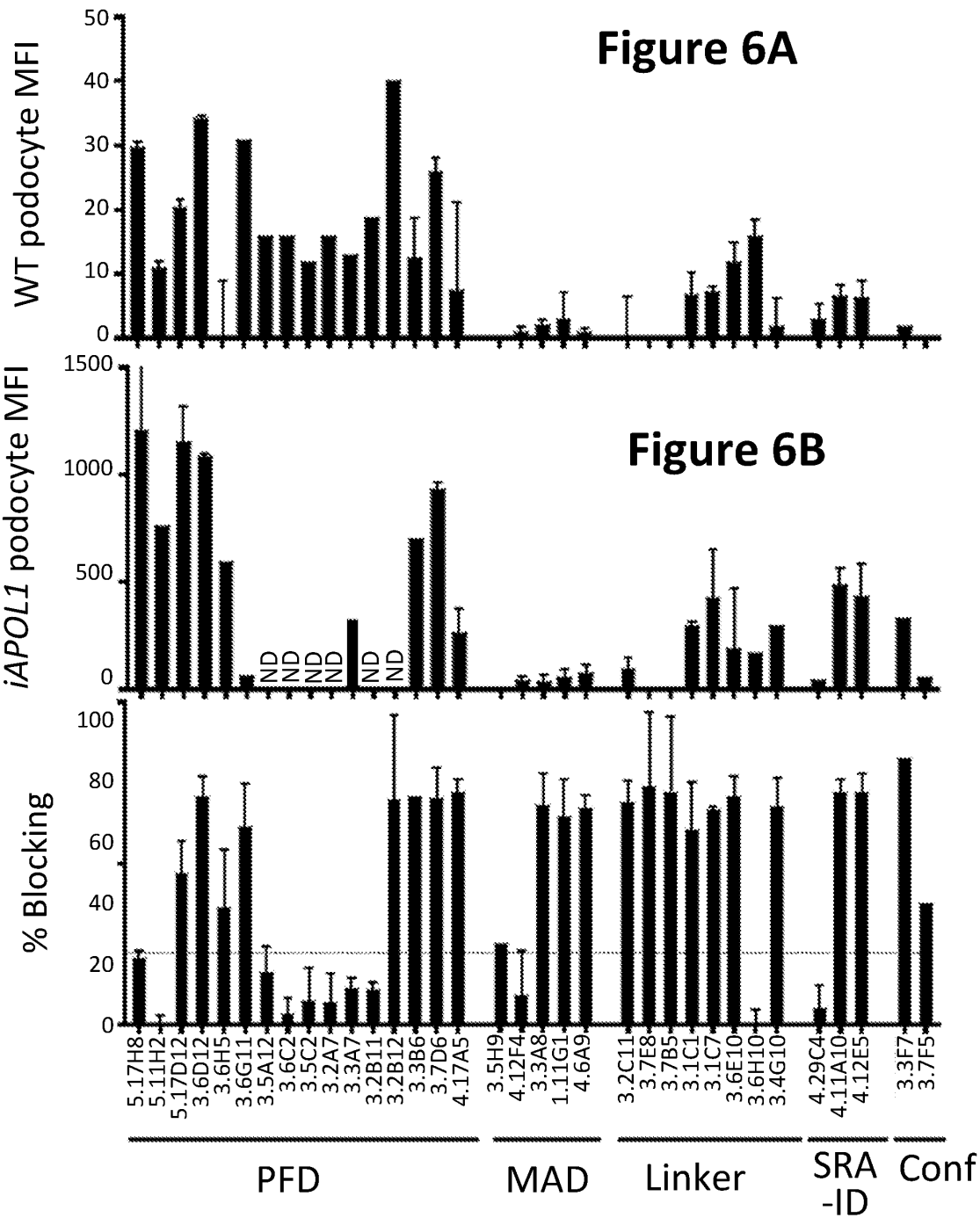


Figure 6C

Figure 7A

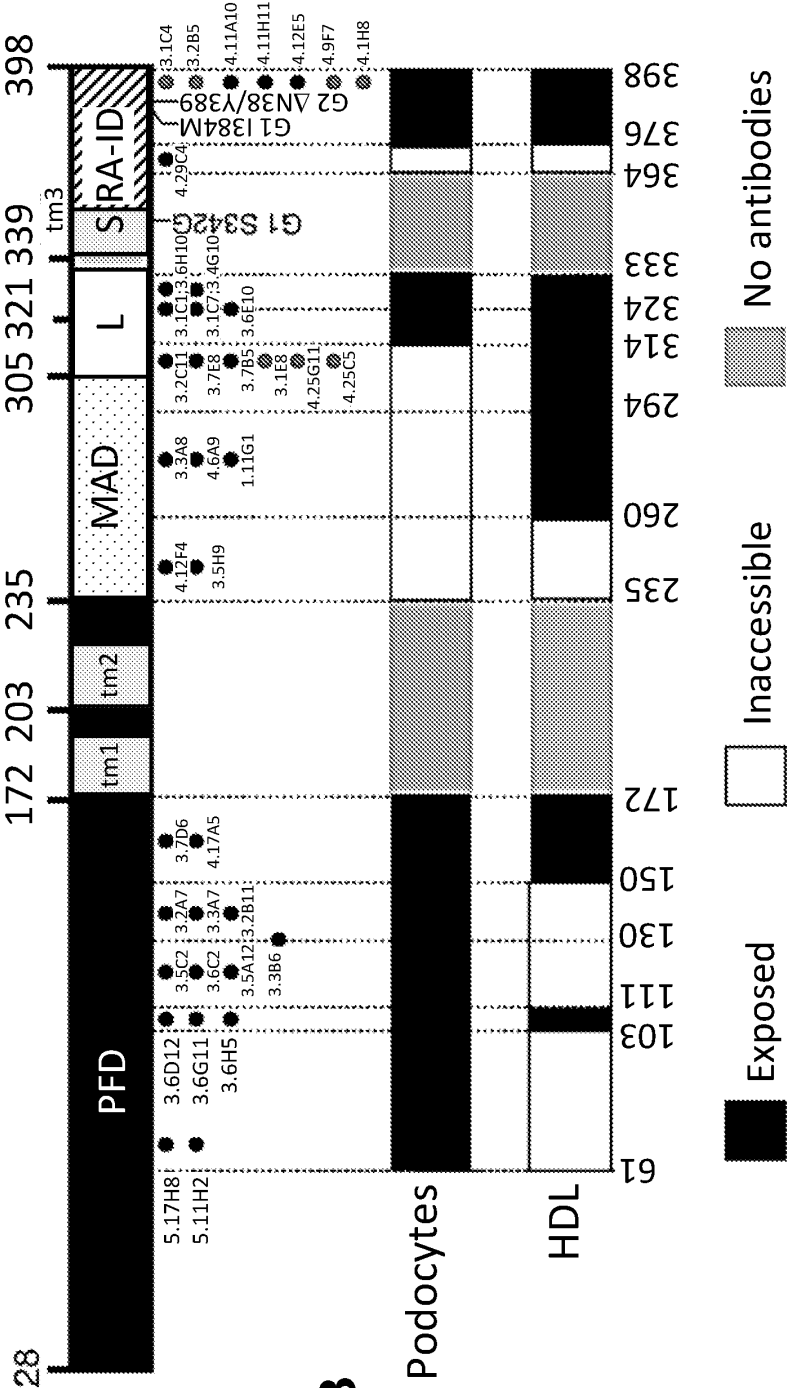


Figure 7B

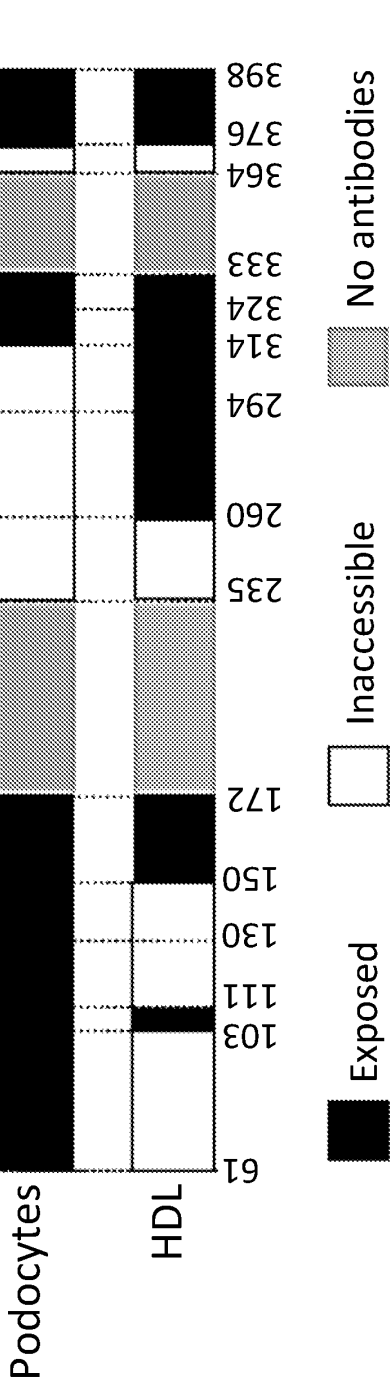


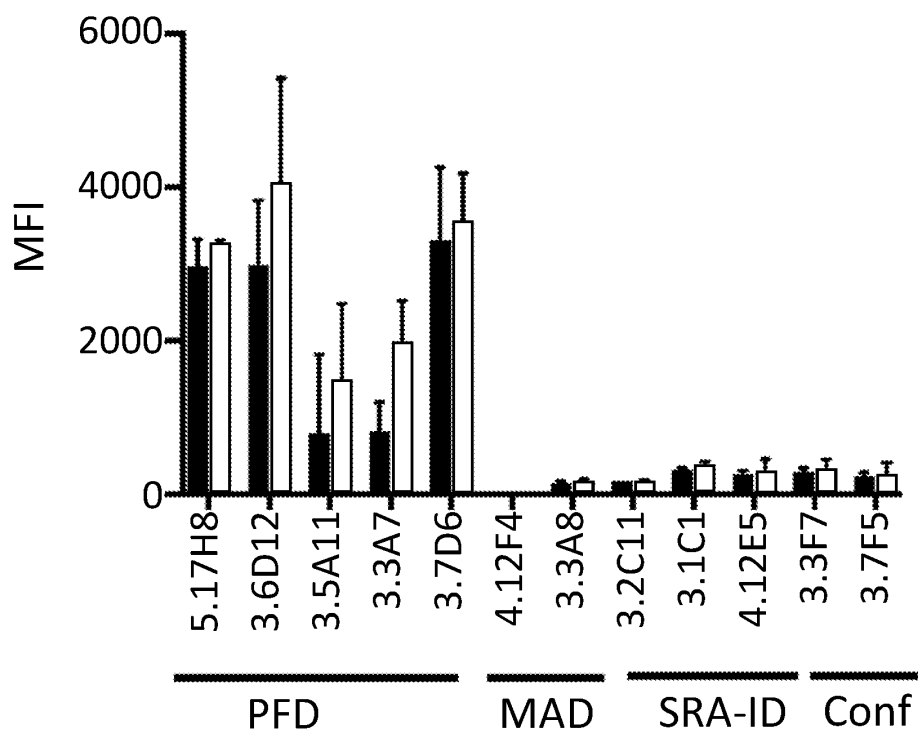
Figure 8A

Figure 8B

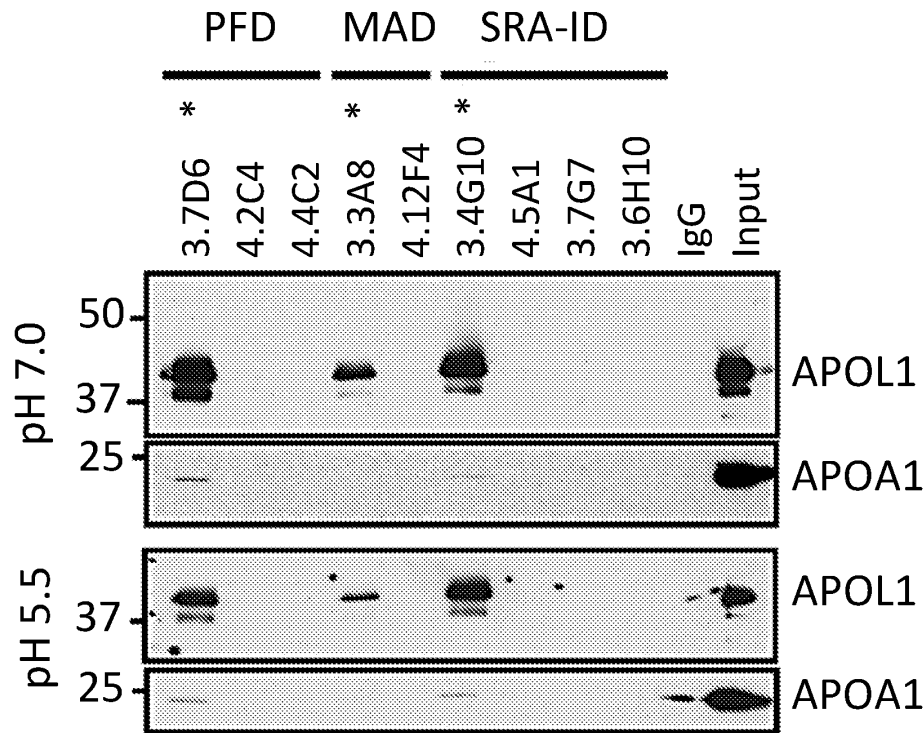


Figure 9A

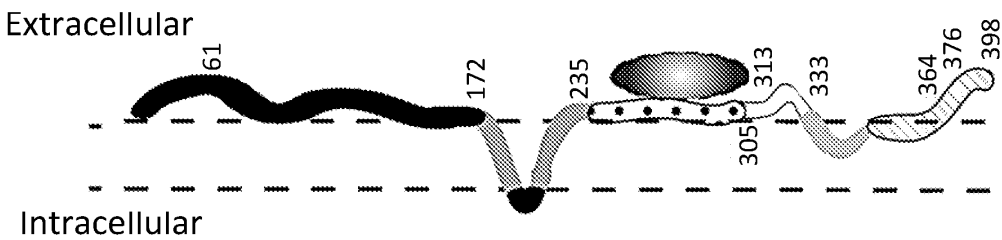


Figure 9B

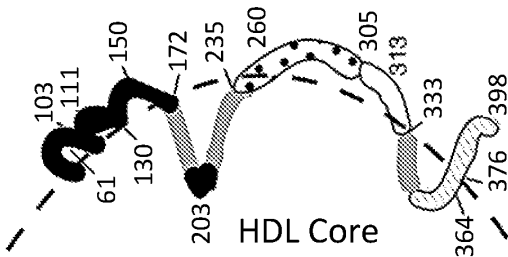


Figure 9C

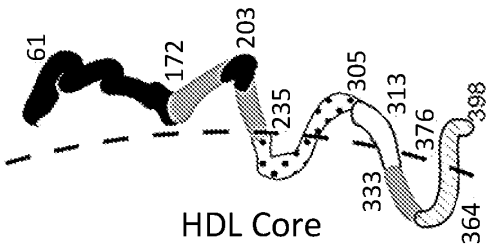


Figure 10A

Figure 10B

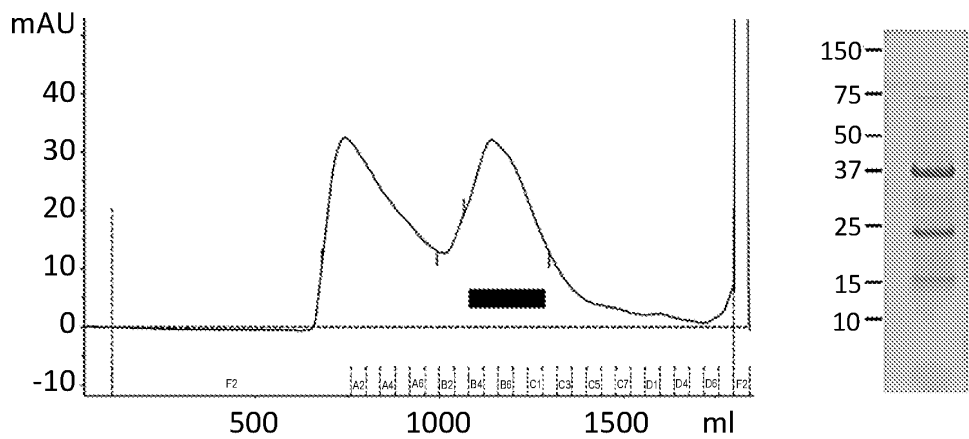
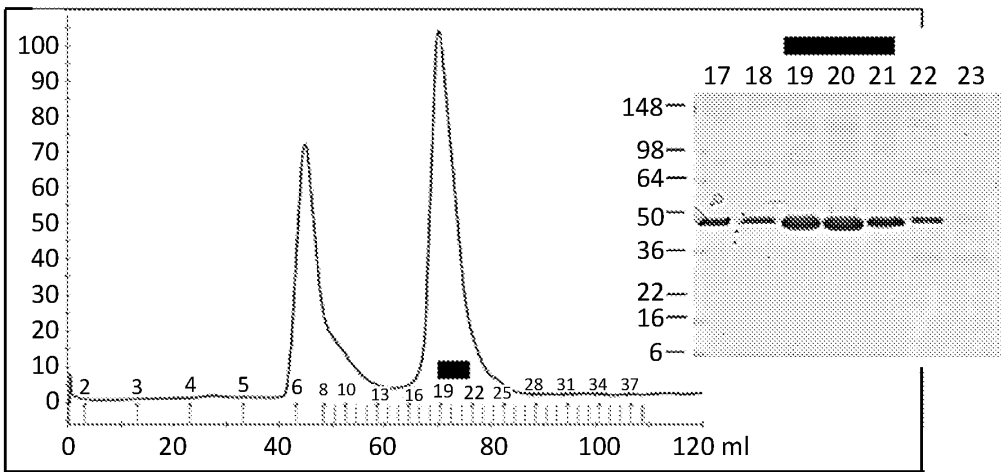
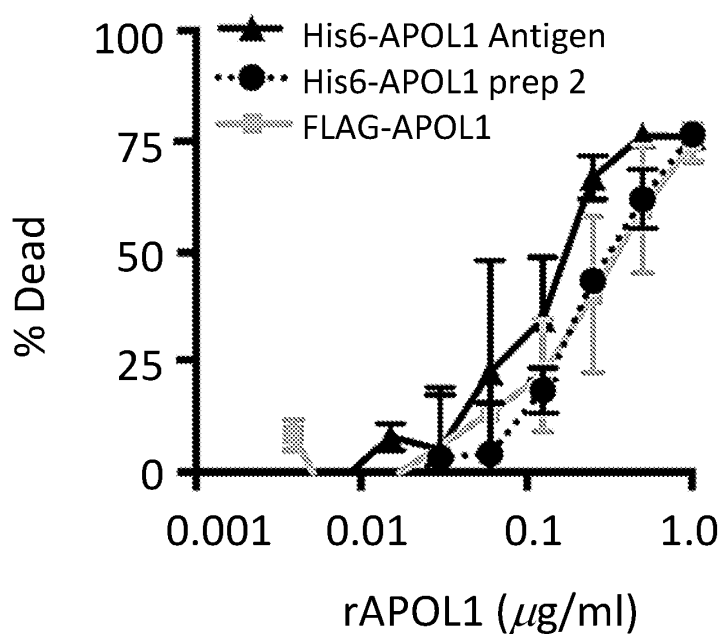
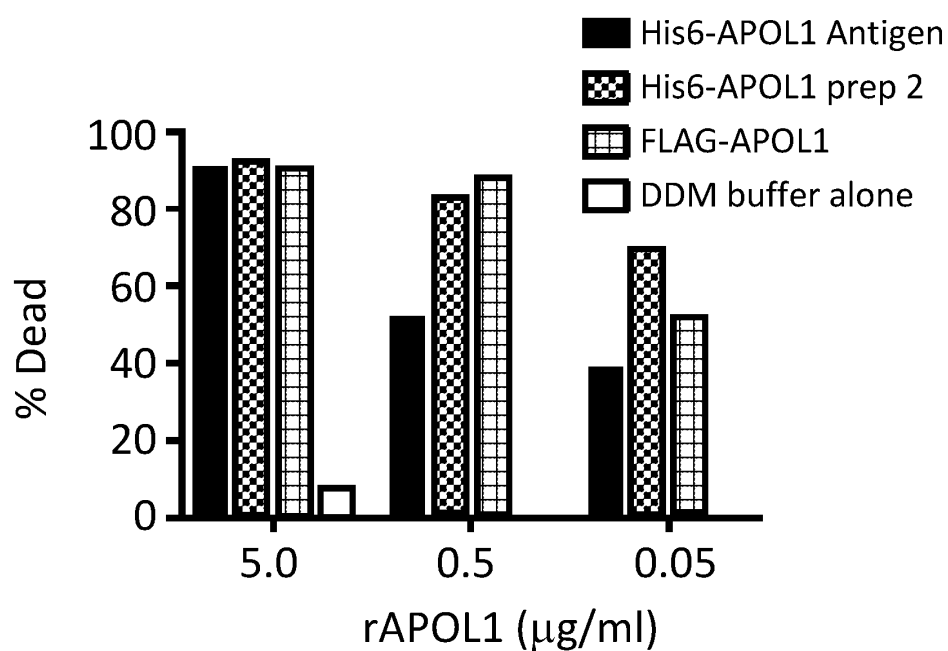


Figure 10C

Figure 10D



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Figure 10E**Figure 10F**

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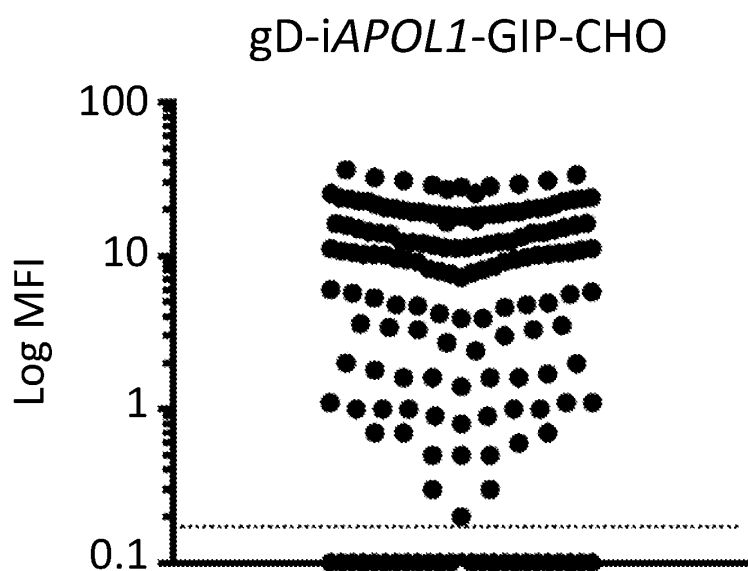
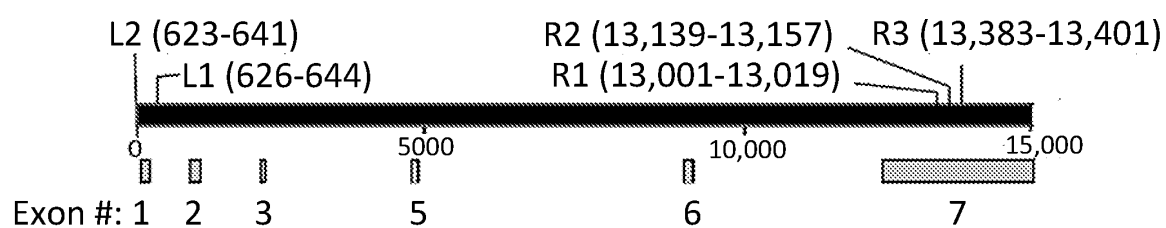
Figure 11**Figure 12A**

Figure 12B

gRNA #	gRNA pair
89401	L2, R3
89402	L2, R4
90109	L1, R2
90110	L1, R4
90111	L2, R2

Figure 12C

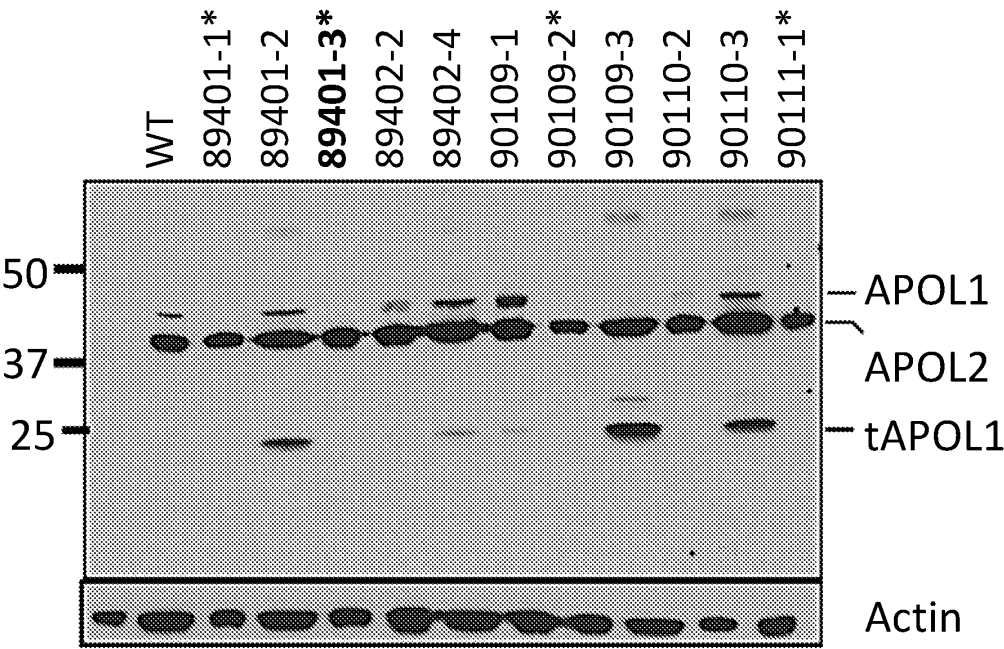


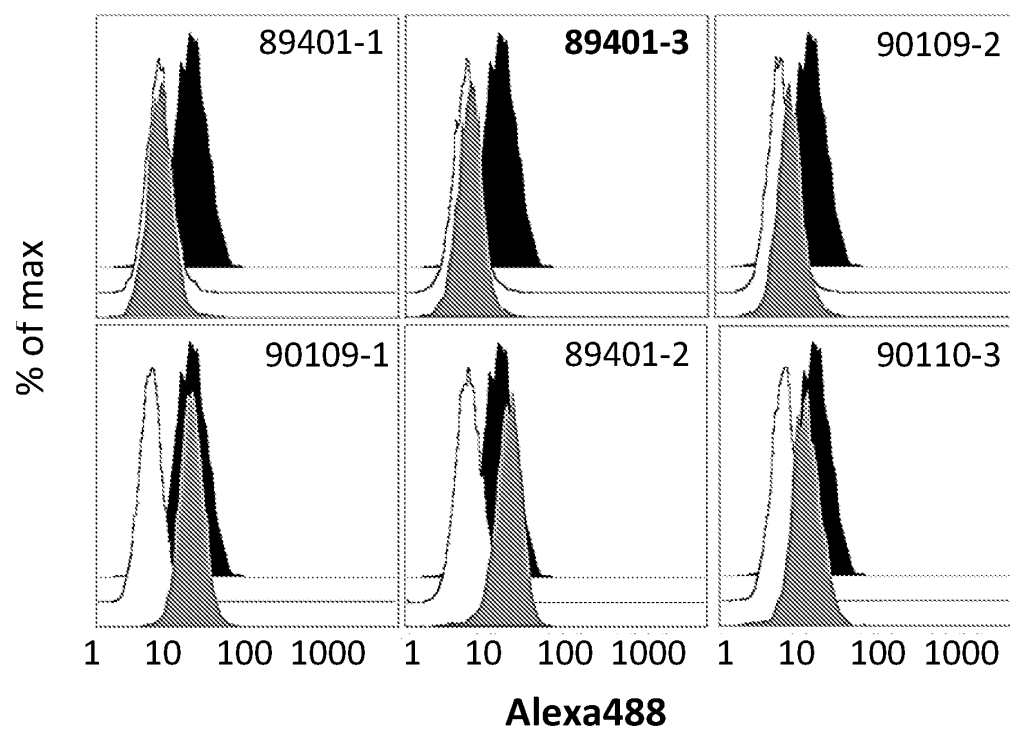
Figure 12D

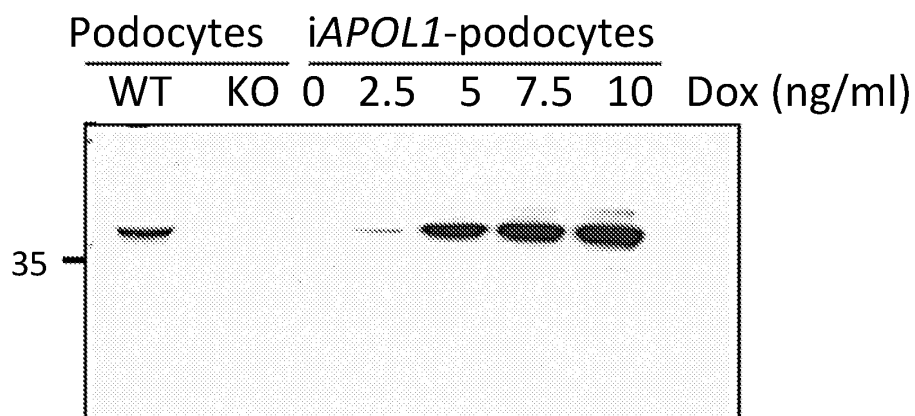
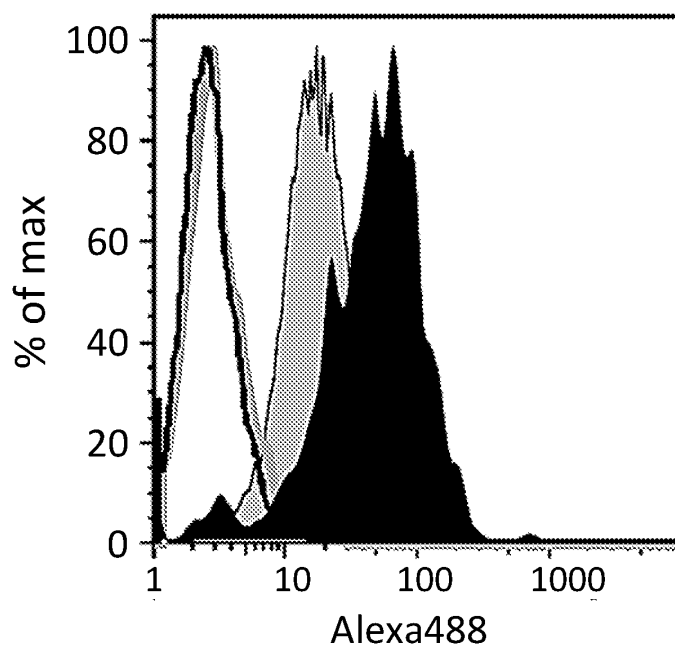
Figure 13A**Figure 13B**

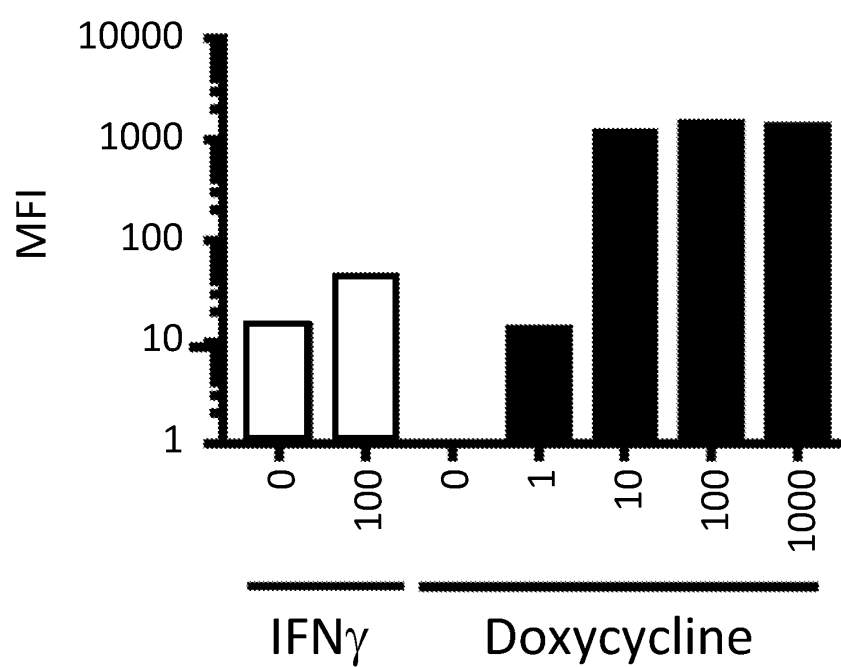
Figure 13C

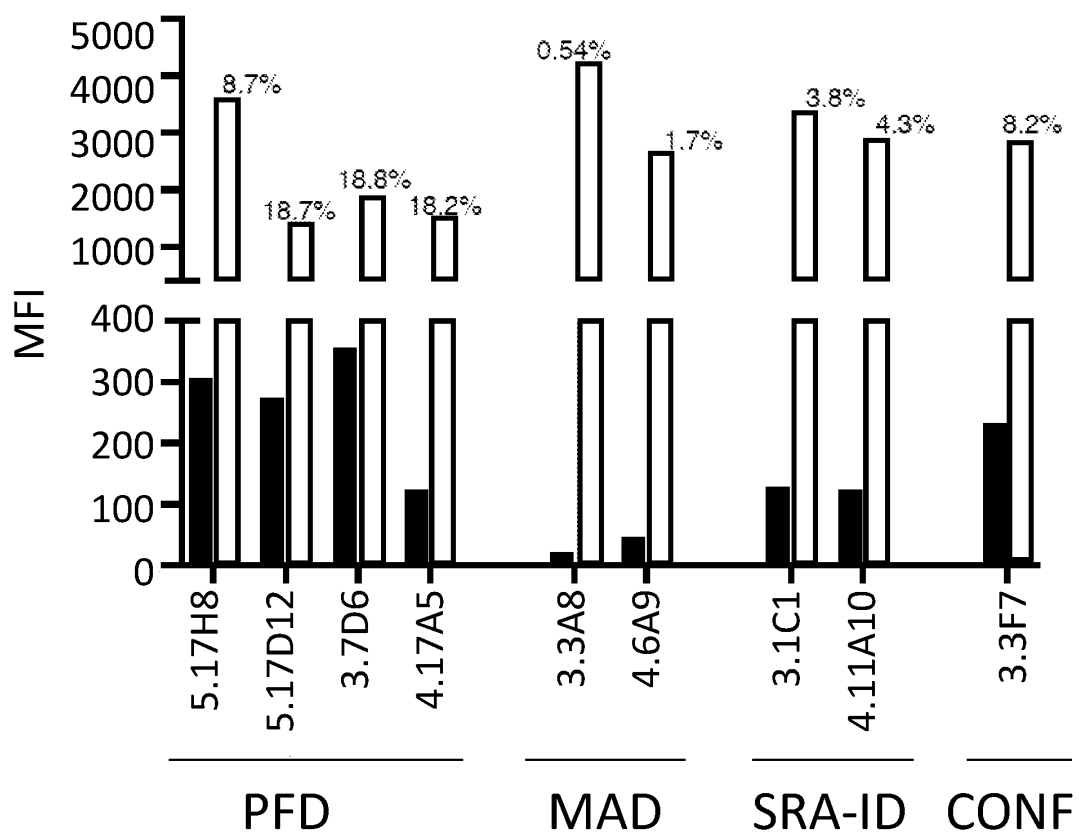
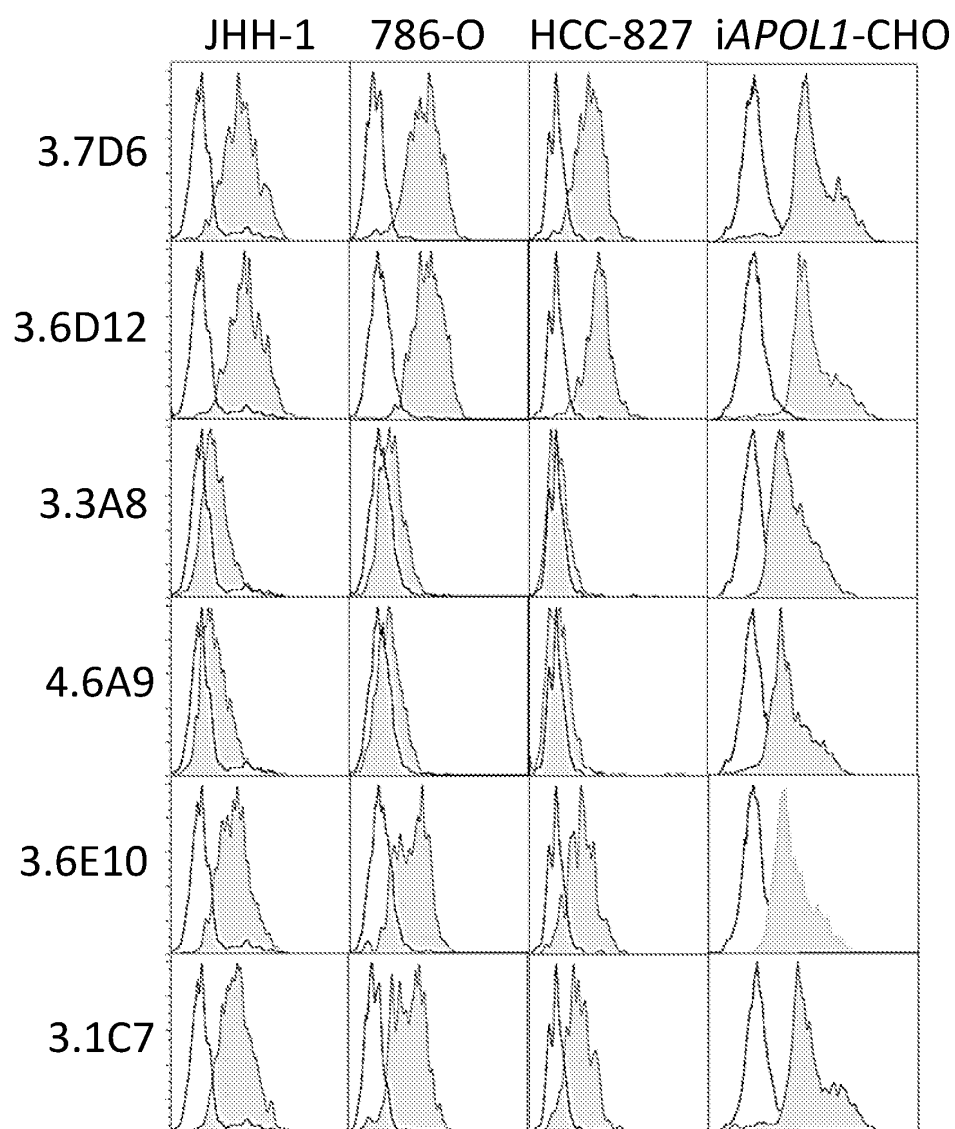
Figure 14

Figure 15

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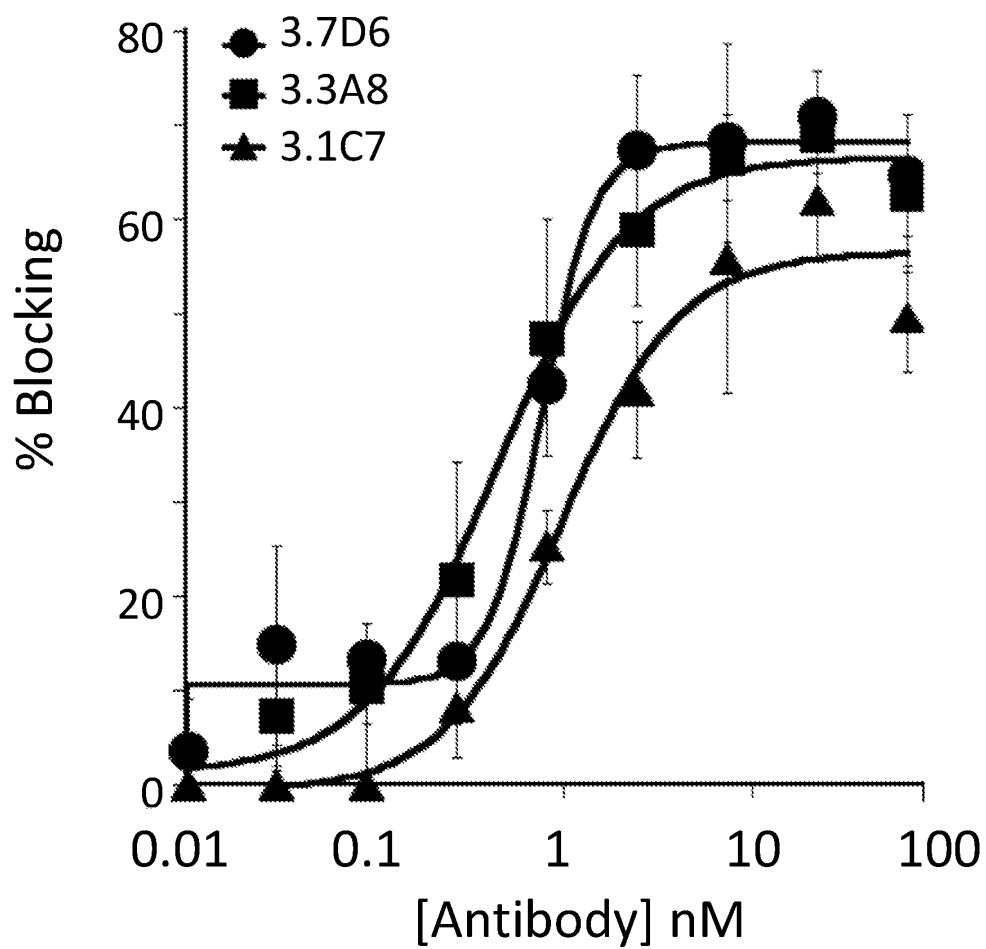
Figure 16

Figure 17A

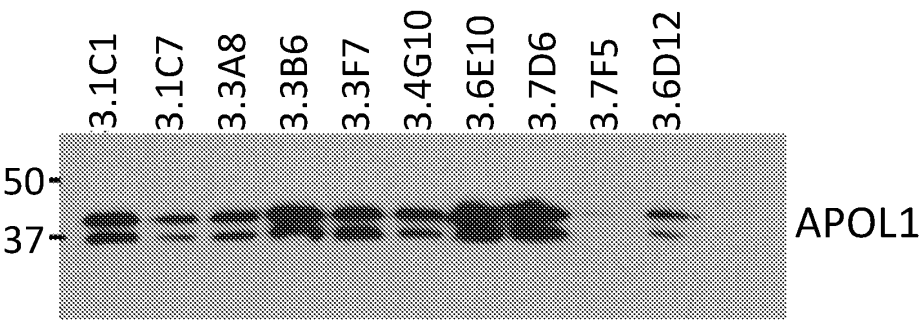


Figure 17B

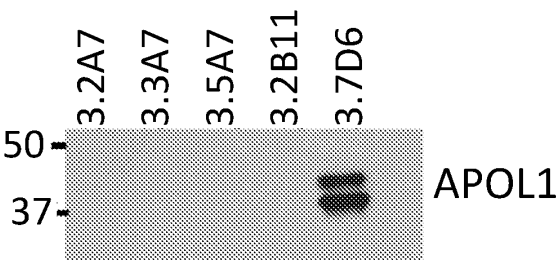
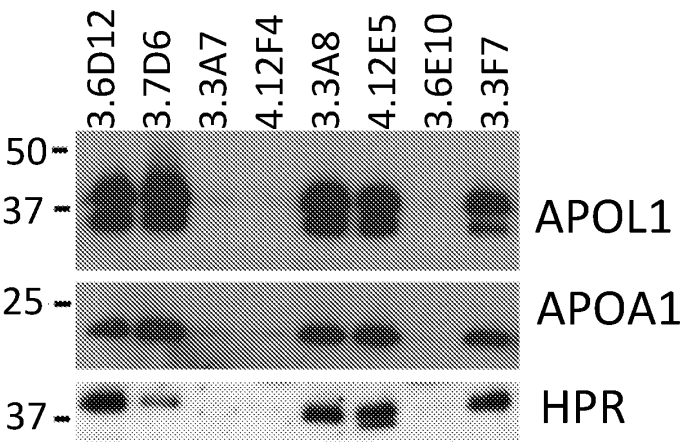
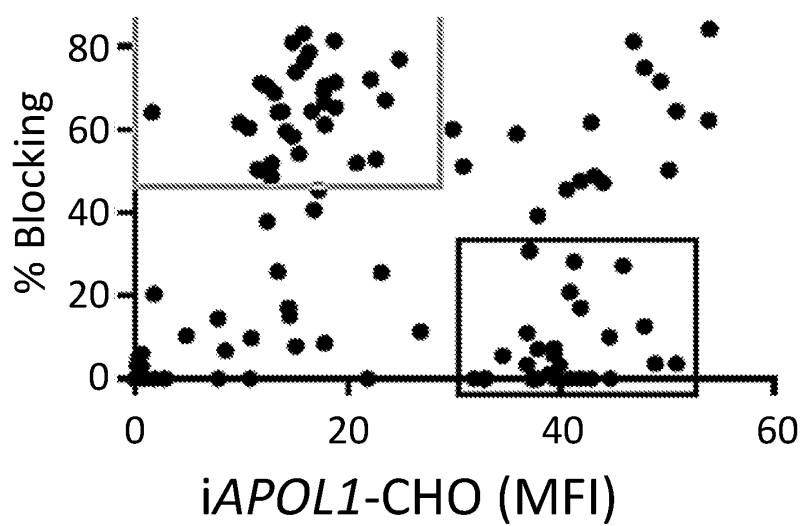
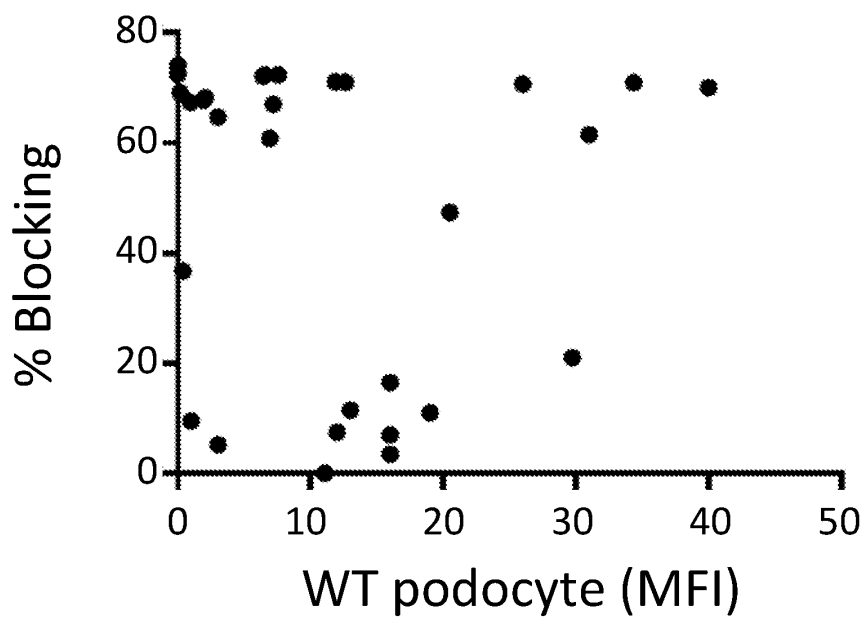


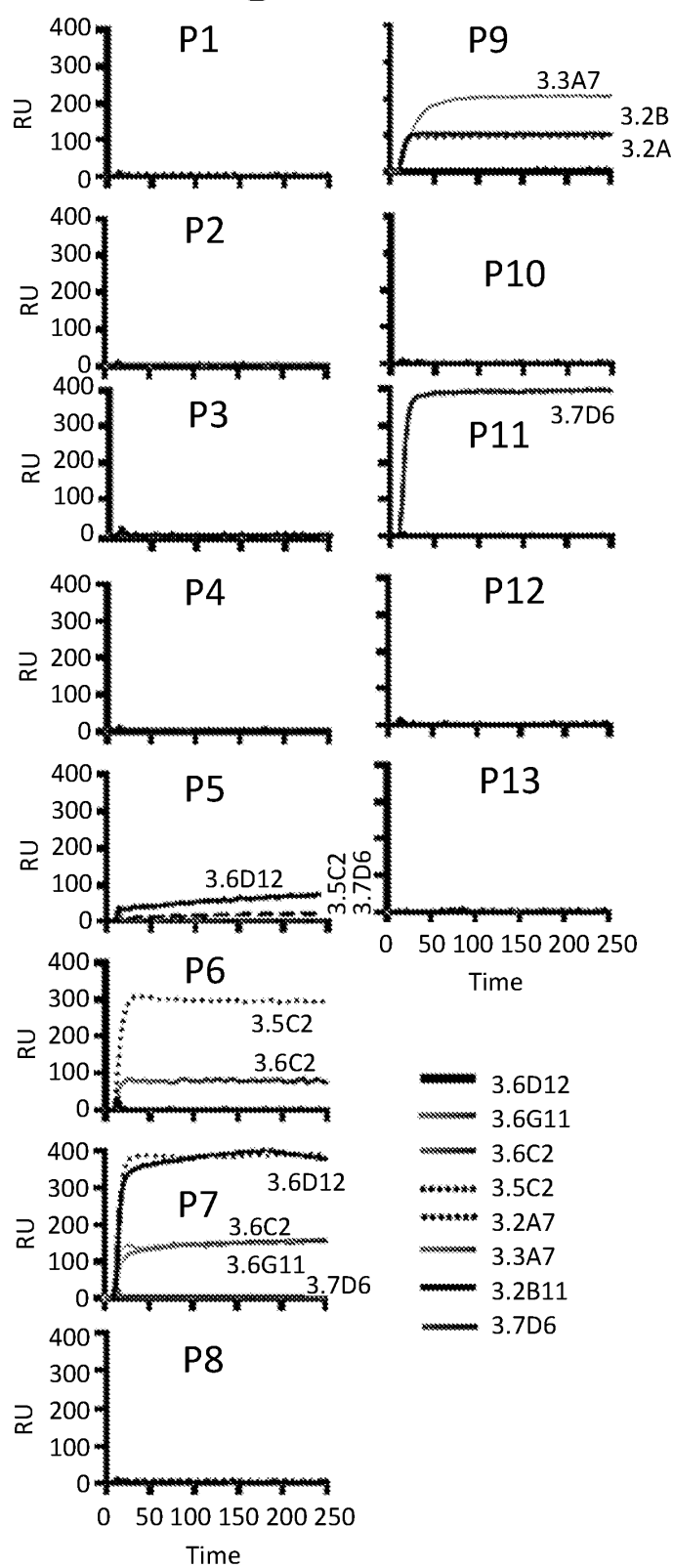
Figure 17C



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Figure 18A**Figure 18B**

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Figure 19A

SUBSTITUTE SHEET (RULE 26)

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Figure 19B

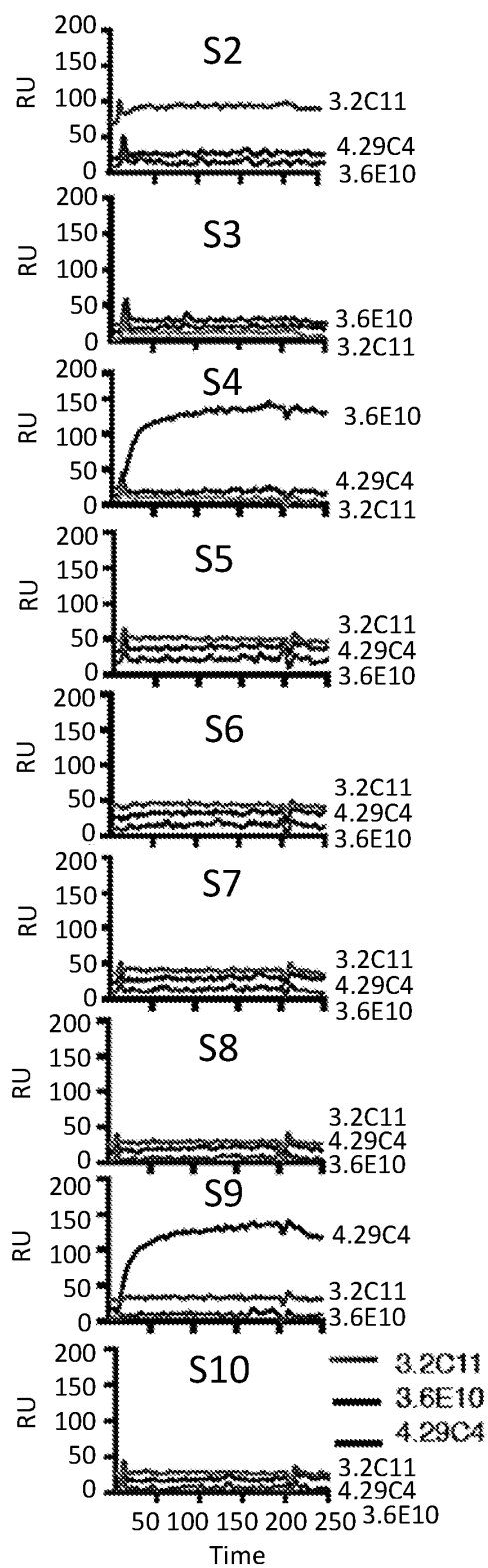


Figure 20A

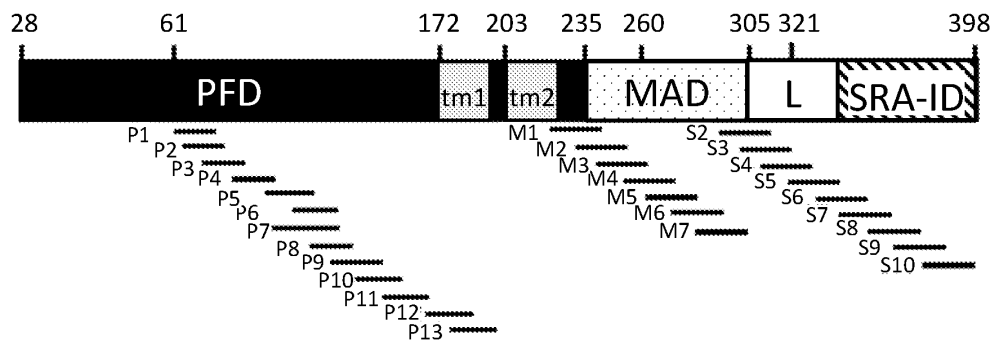


Figure 20B

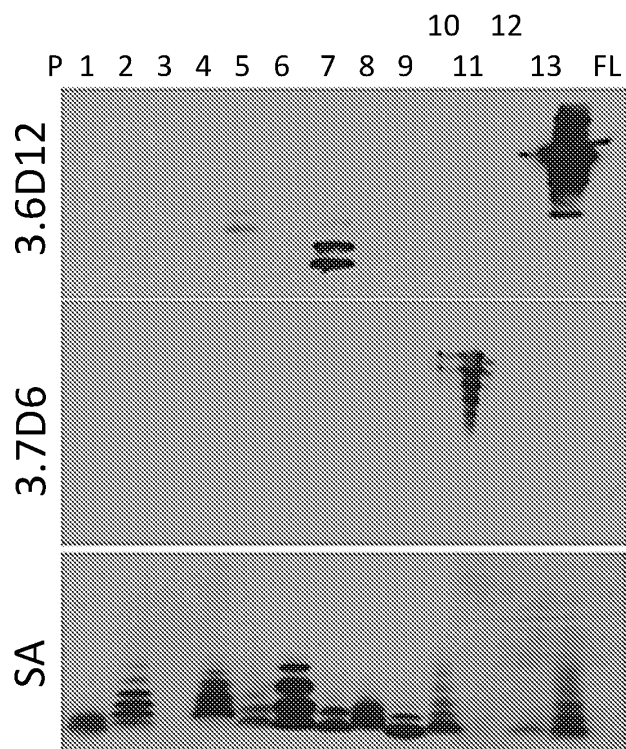


Figure 20C

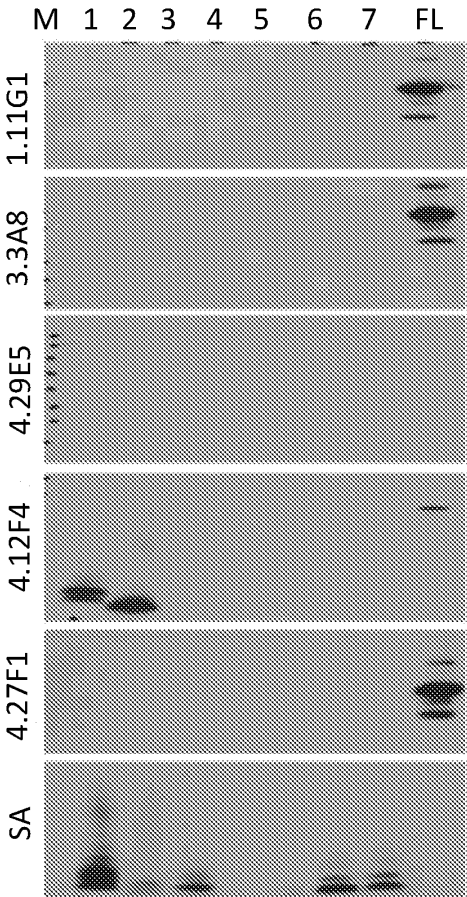


Figure 20D

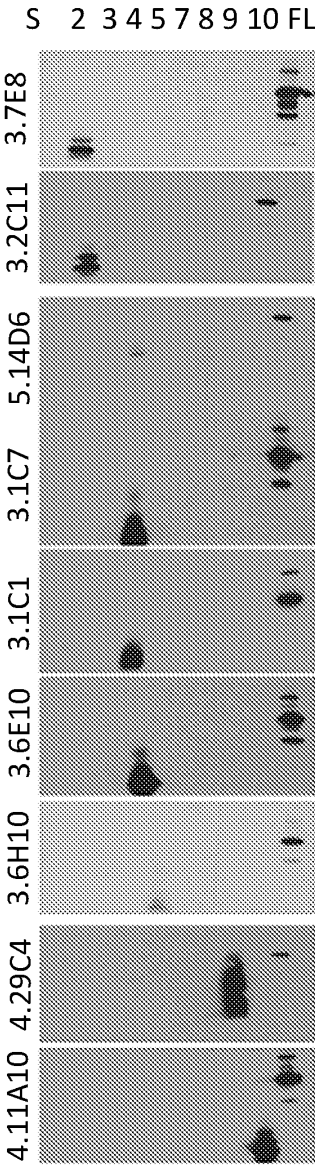
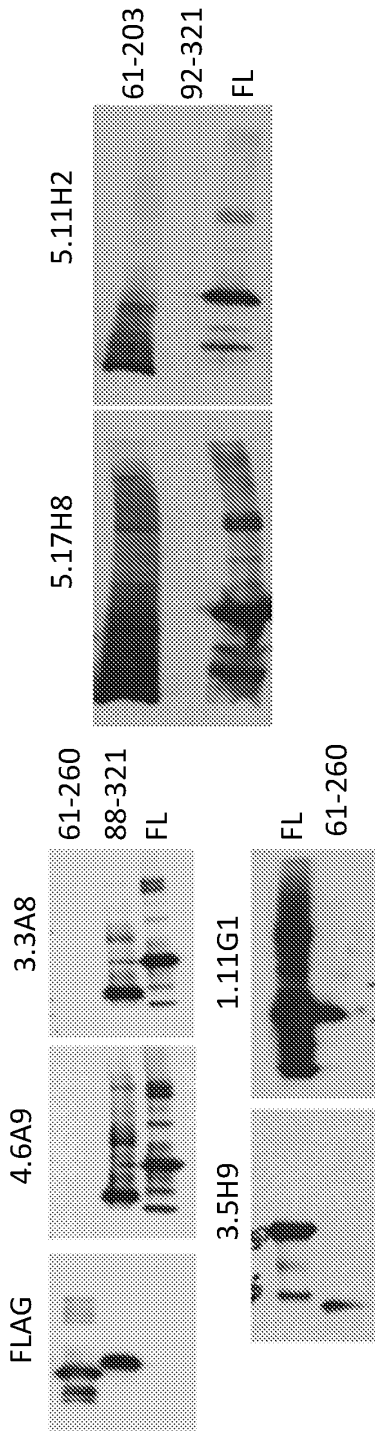


Figure 20E



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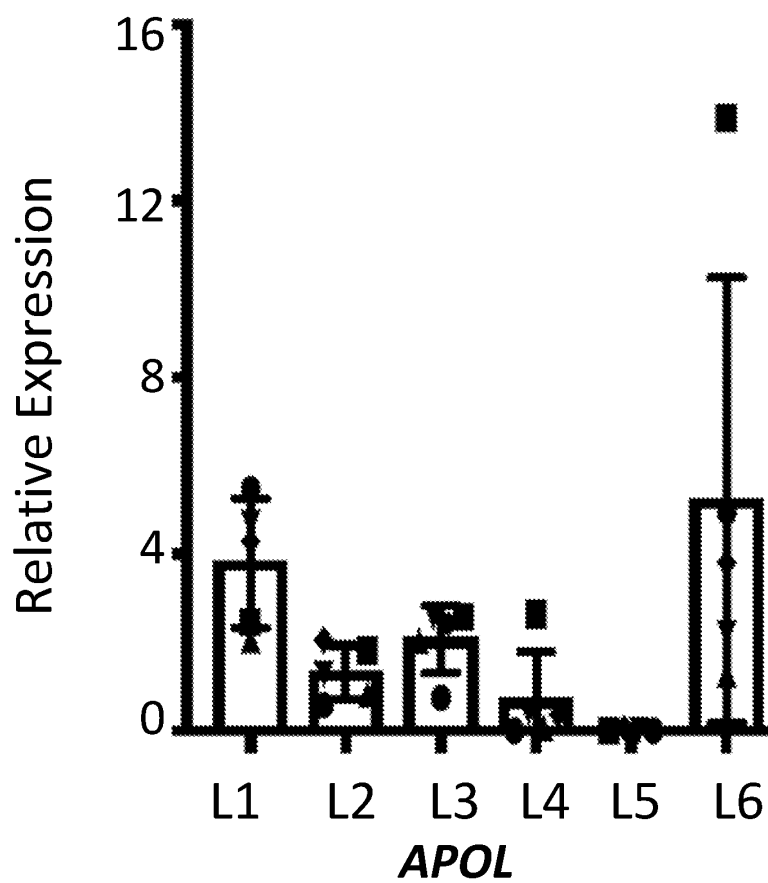
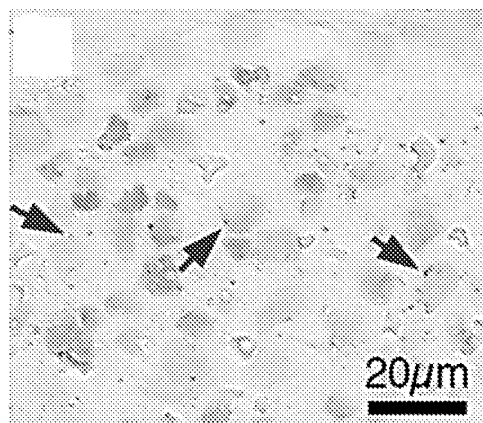
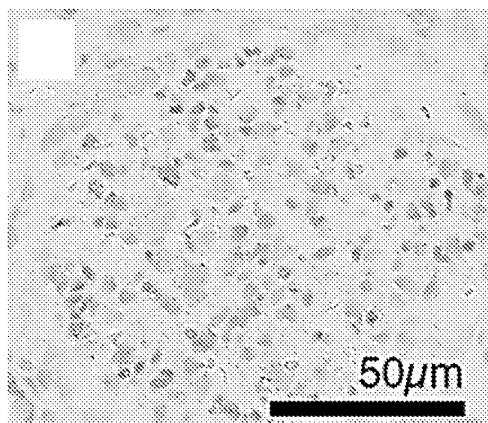
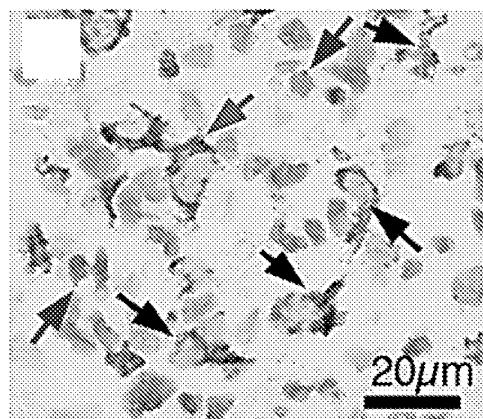
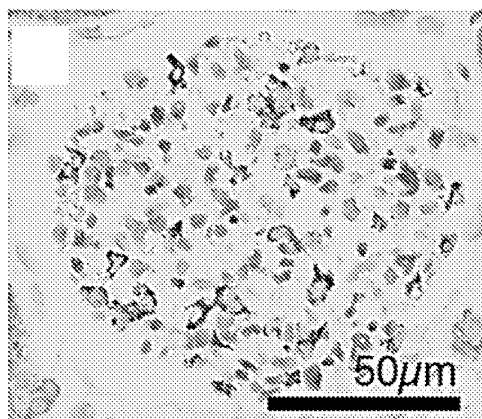
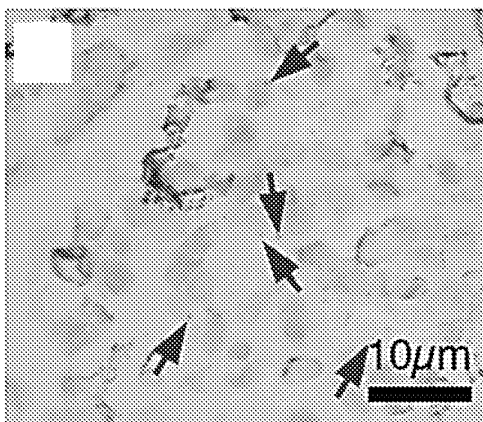
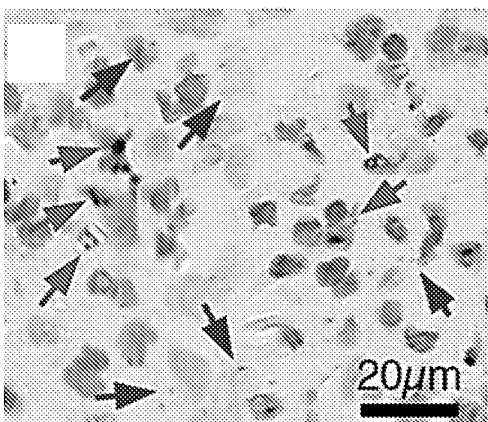
Figure 21A

Figure 21B**Figure 21C****APOL1****Figure 21D****Figure 21E****APOL1 NPHS2****Figure 21F****Figure 22G****APOL1 Endoth**

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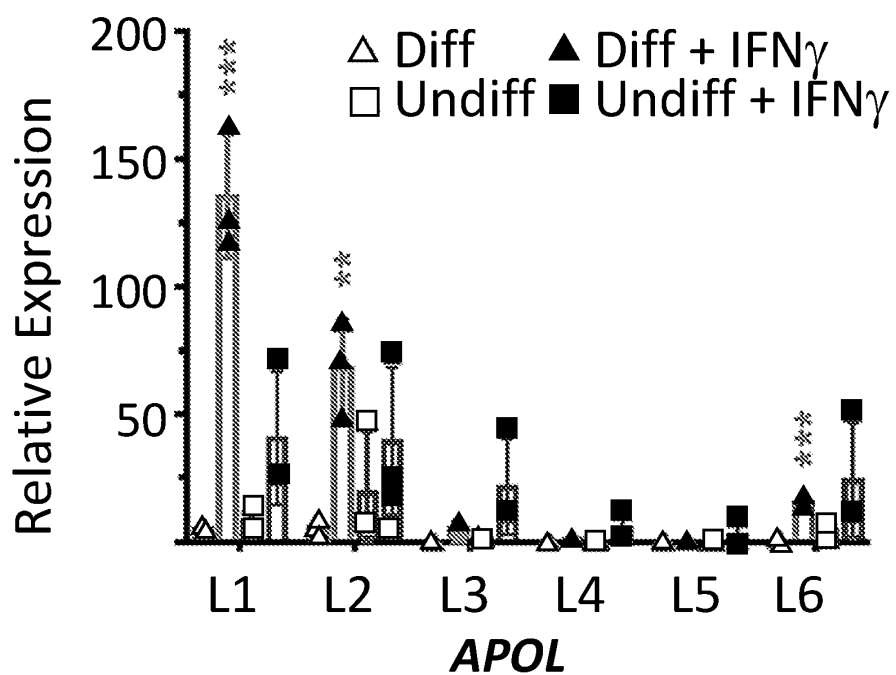
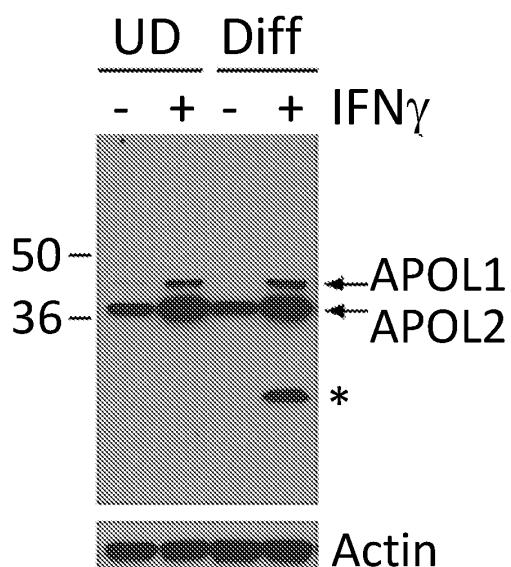
Figure 21H**Figure 21I**

Figure 22A

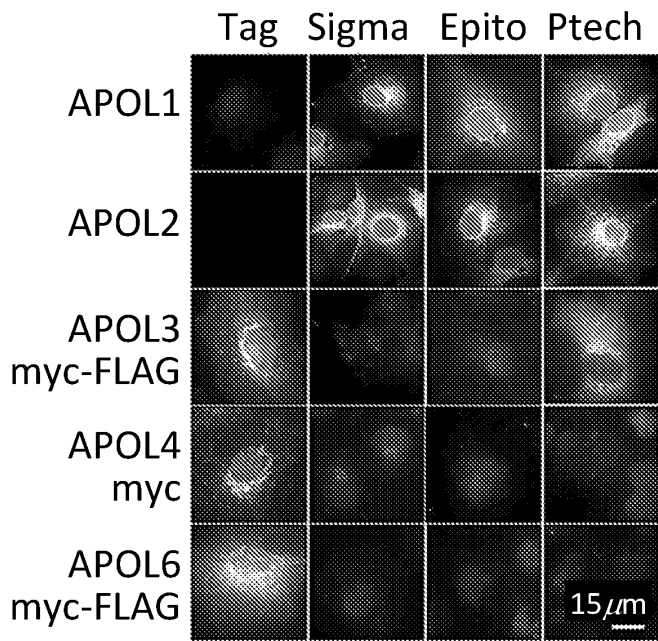
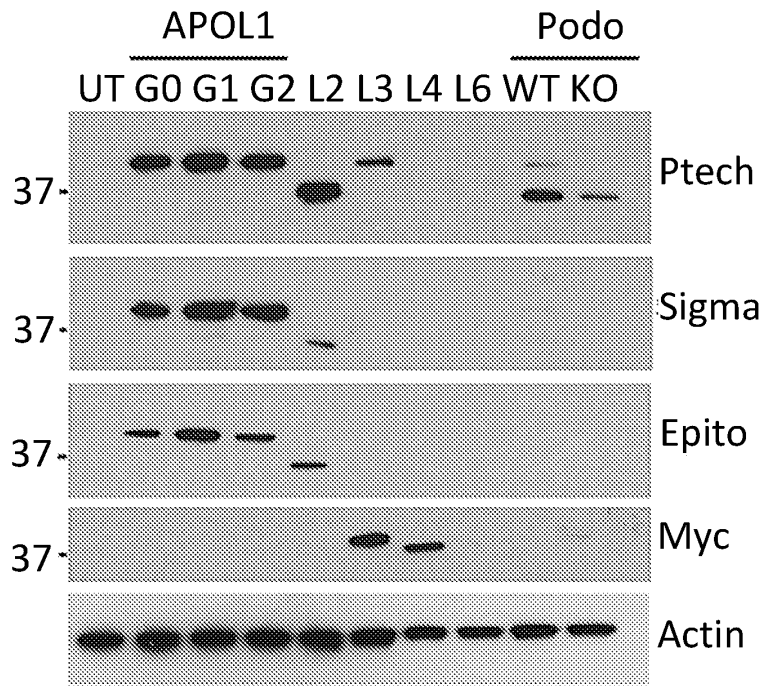


Figure 22B



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Figure 22C

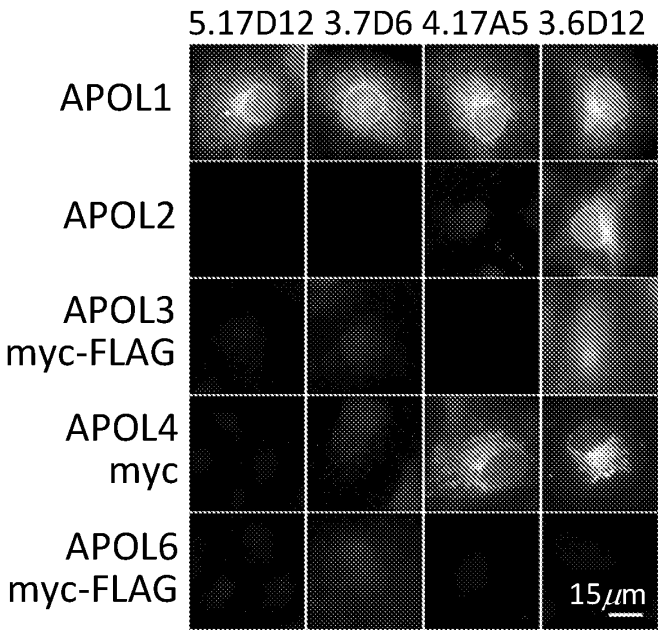


Figure 22D

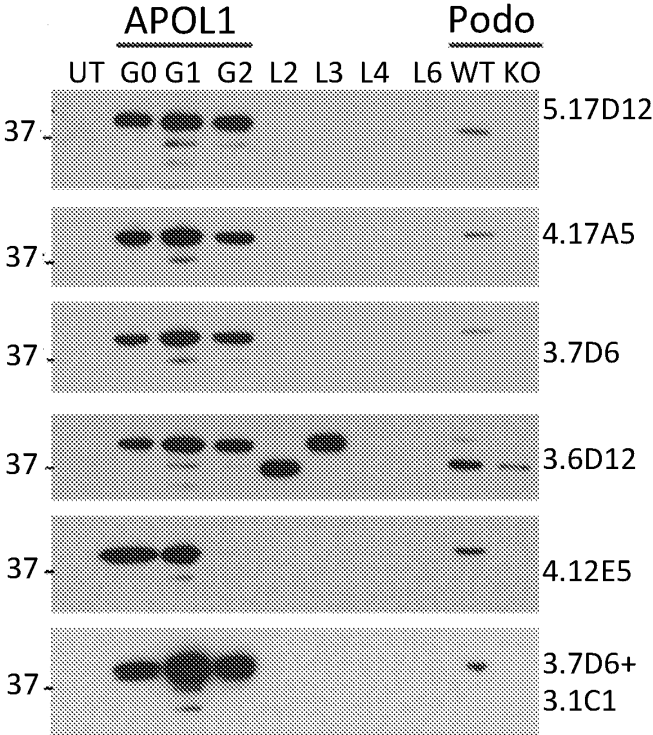


Figure 23

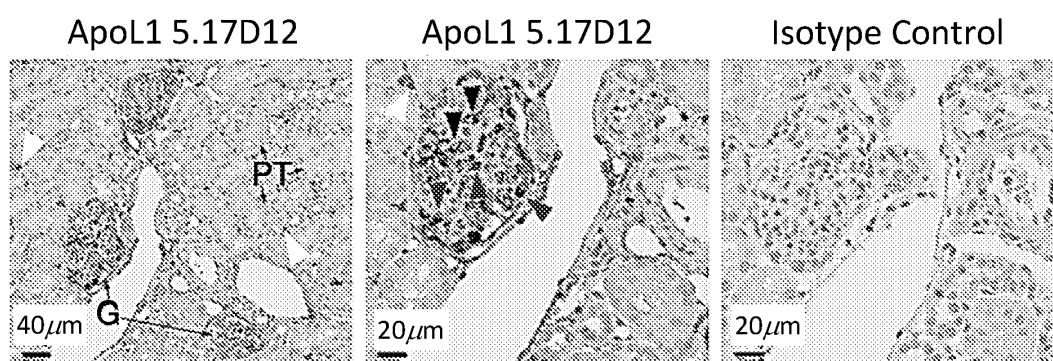


Figure 24A

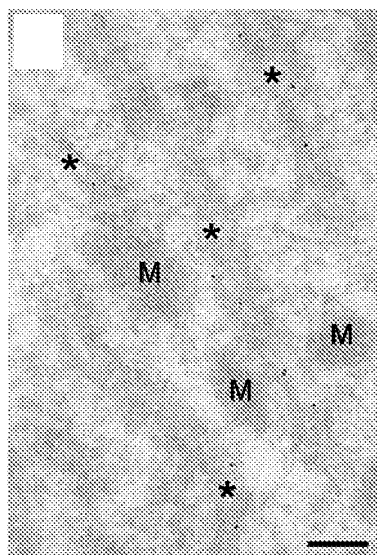


Figure 2B

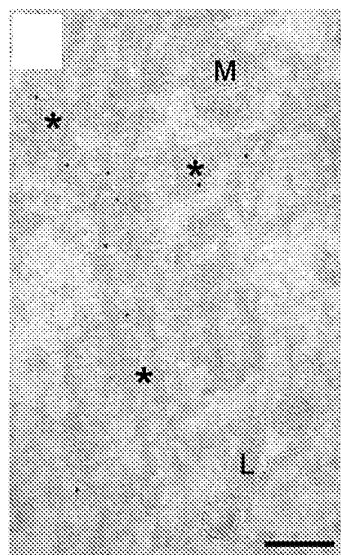


Figure 24C

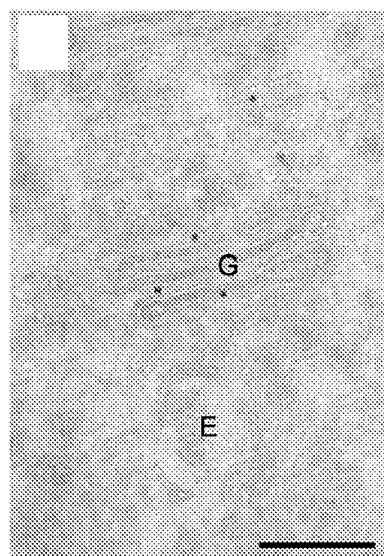
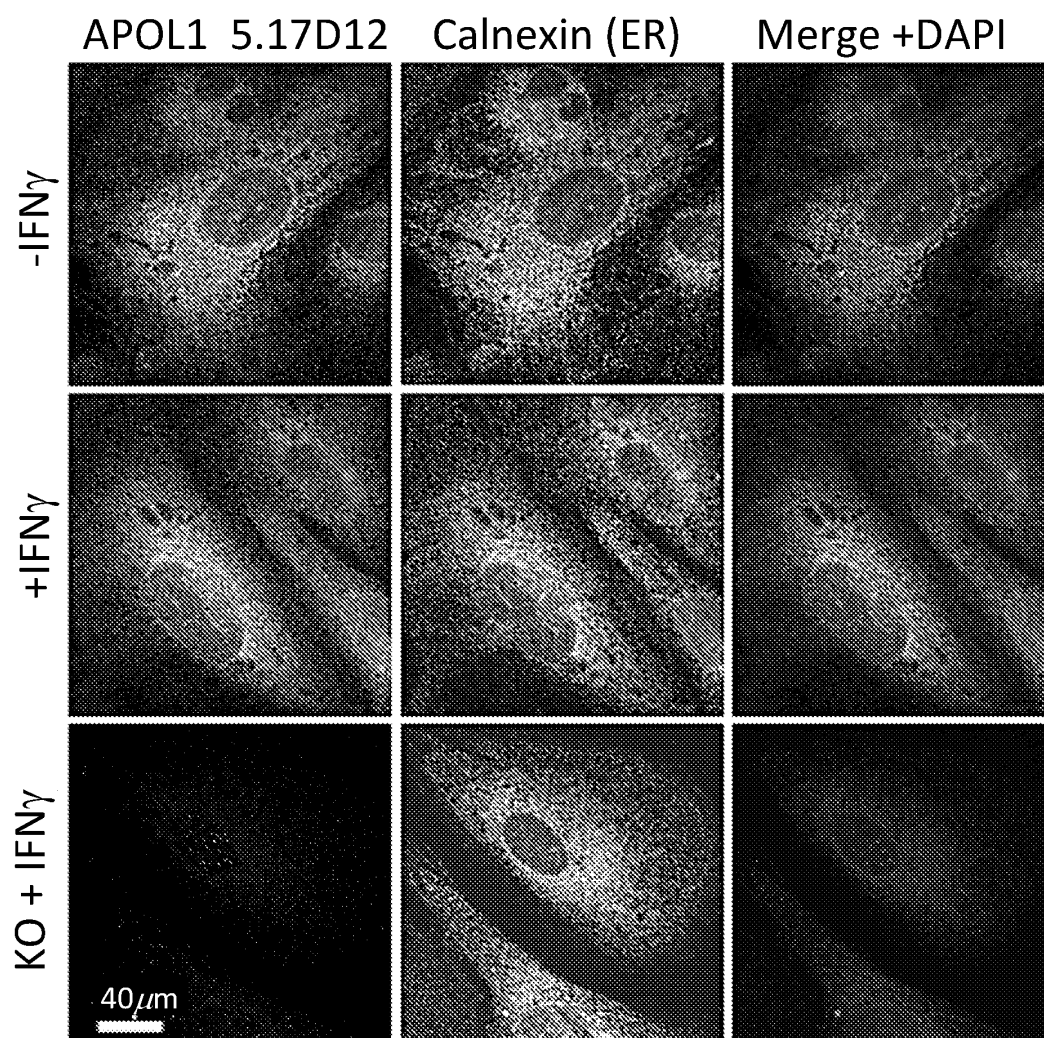
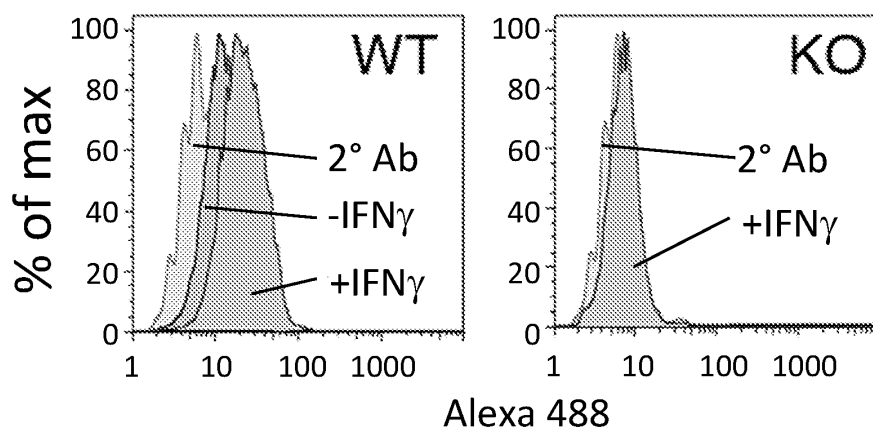


Figure 24D

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Figure 25A**Figure 25B**

3.7D6 (L1 only) 3.6D12 (L1&L2)

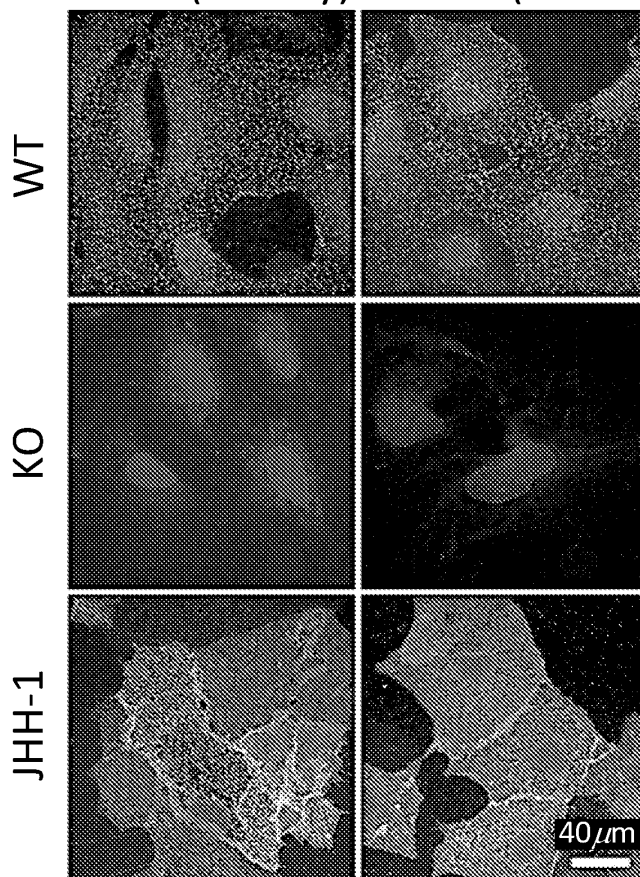


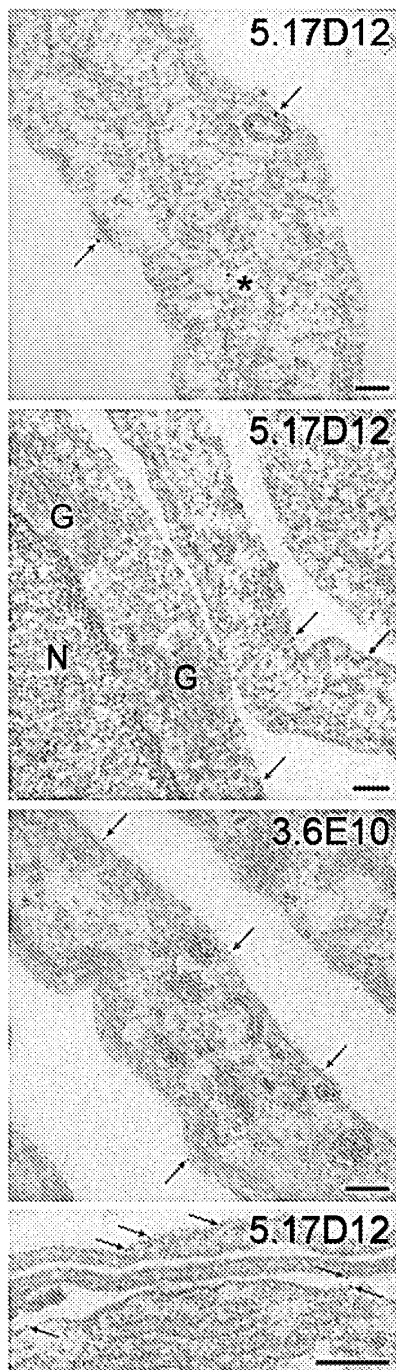
Figure 25C

Figure 26A

Figure 26B

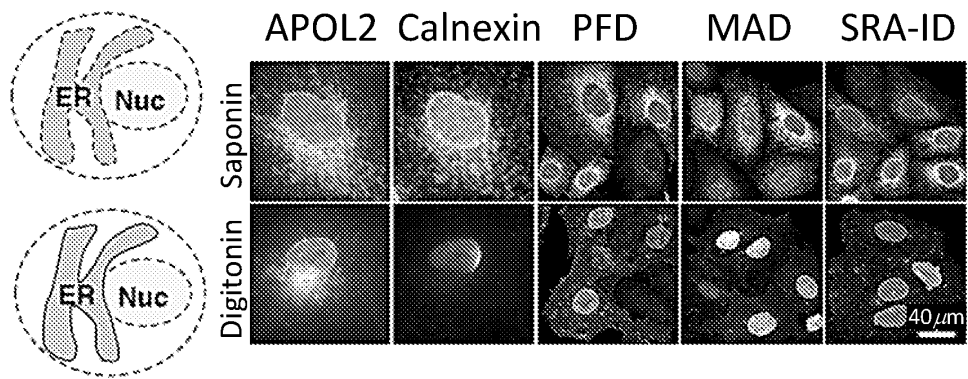


Figure 26C

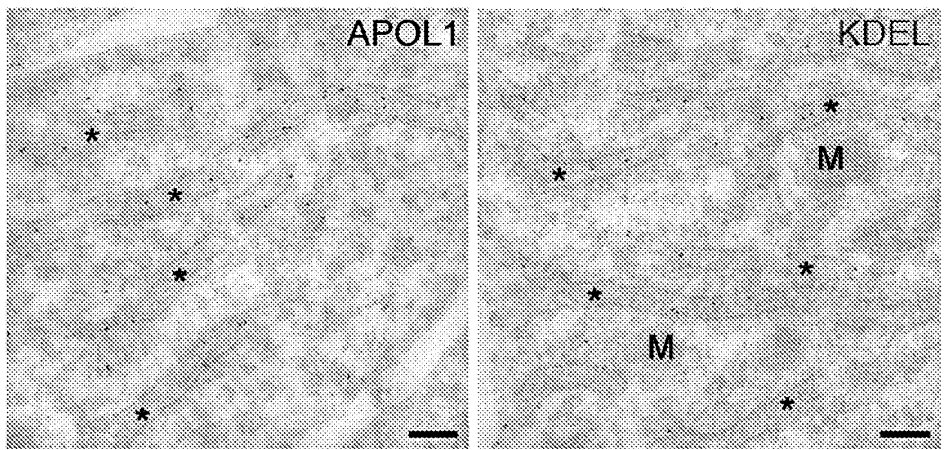


Figure 26D

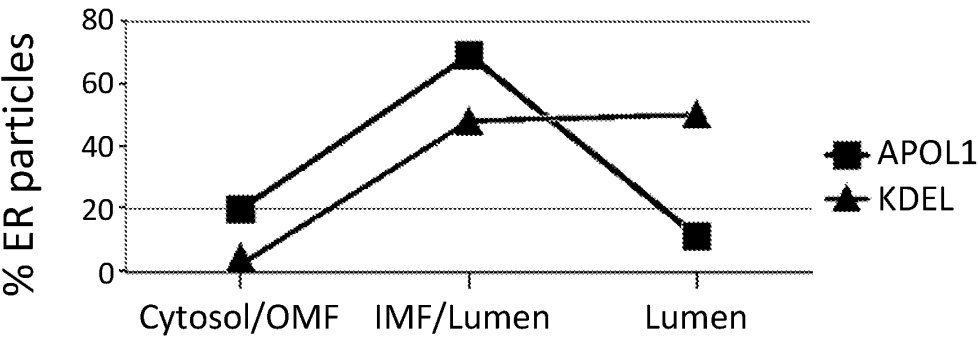


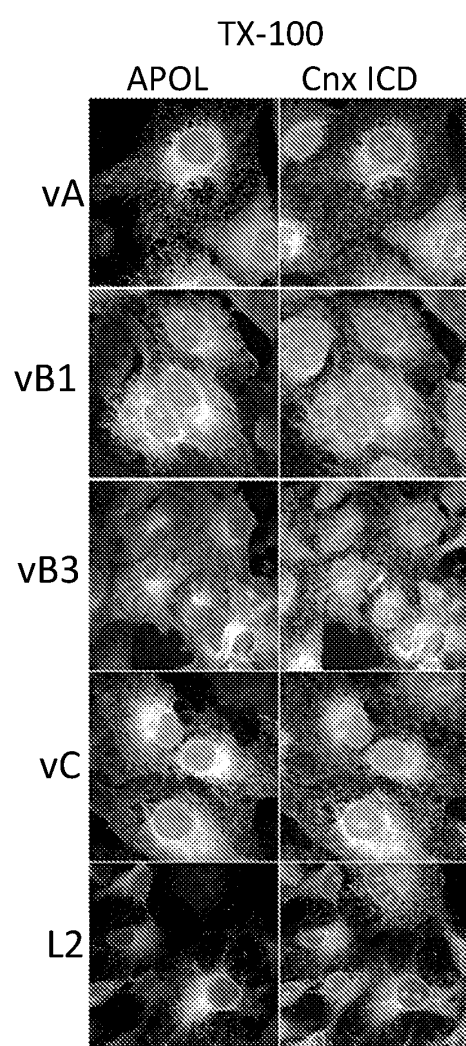
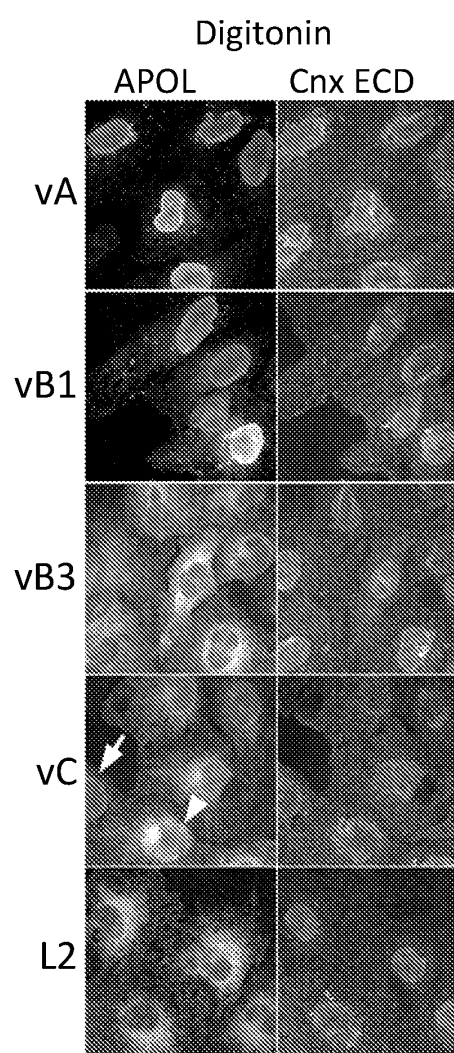
Figure 27A**Figure 27B**

Figure 27C

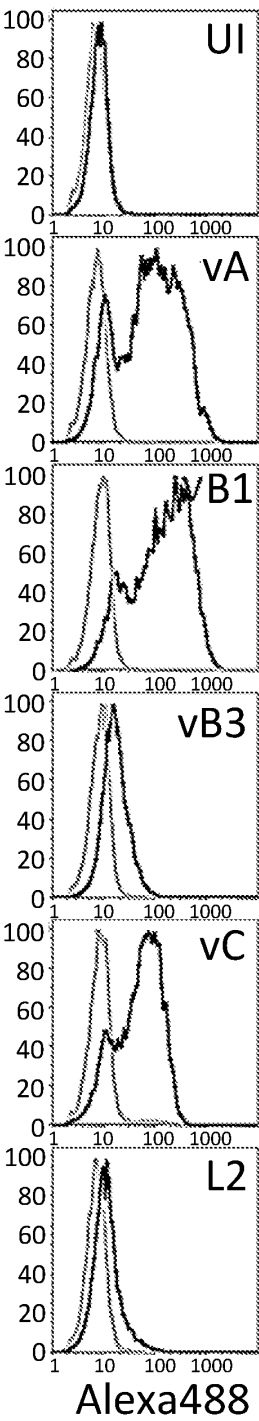


Figure 27D

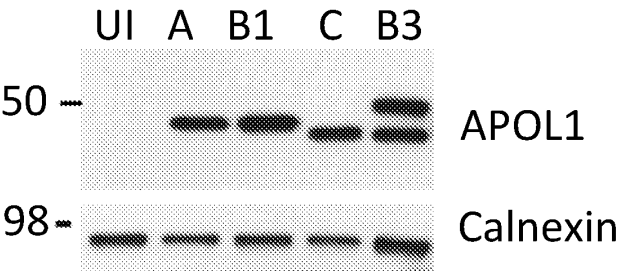


Figure 28A

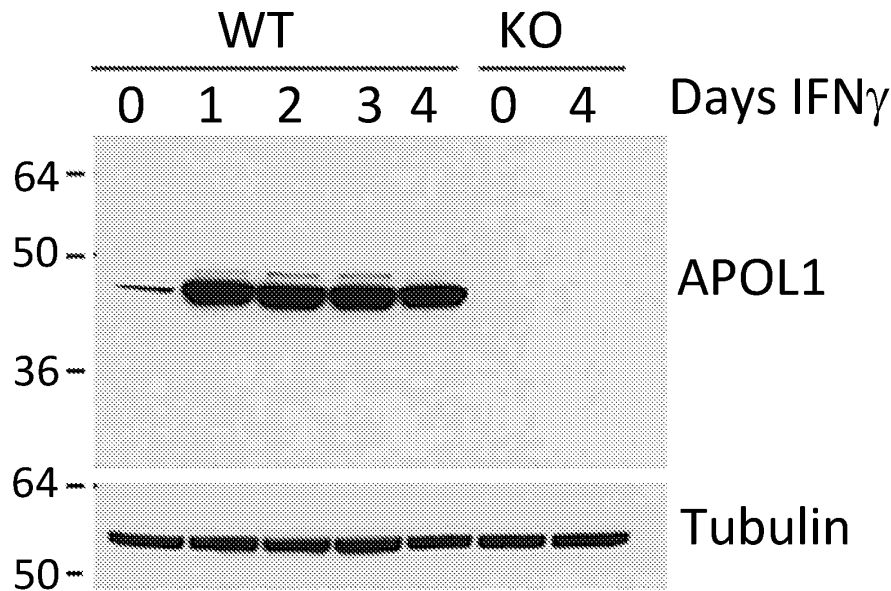


Figure 28B

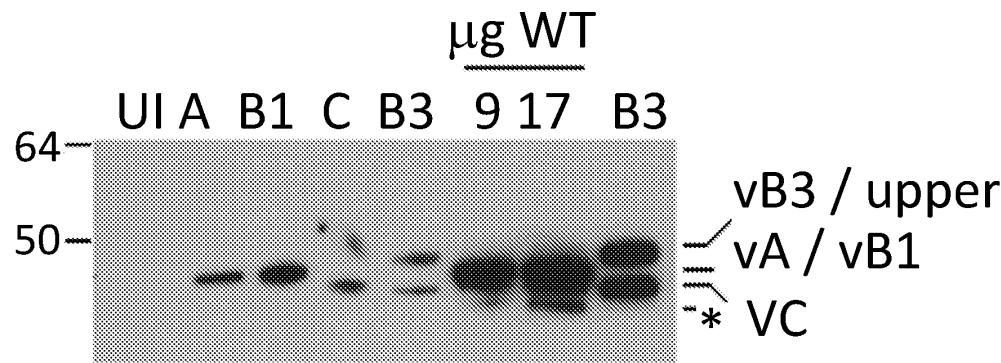
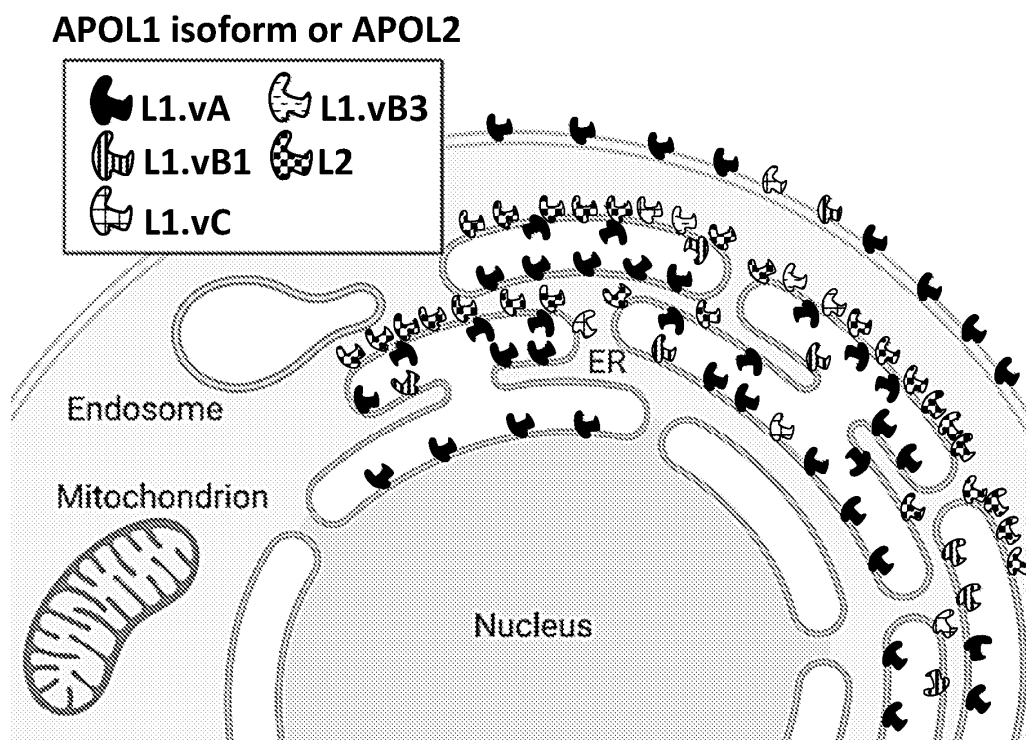
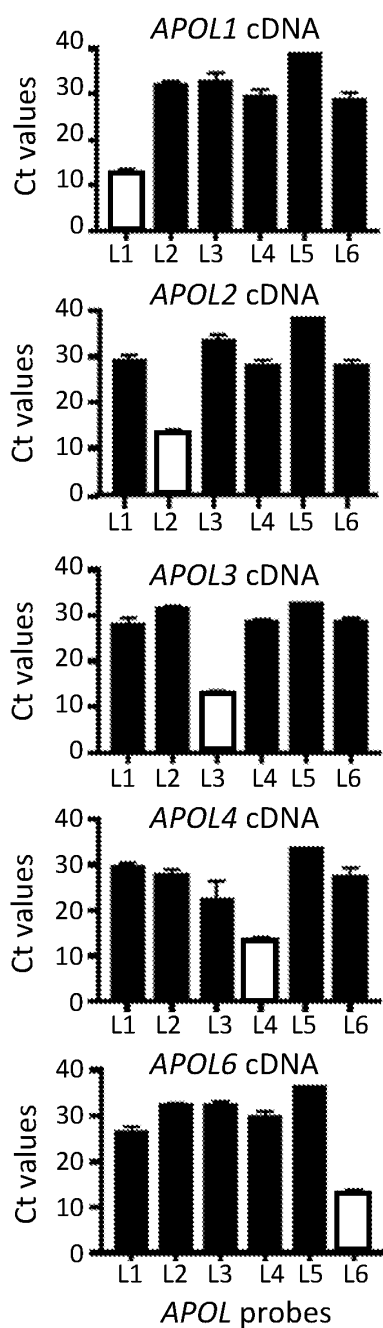


Figure 29

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Figure 30A

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Figure 30B

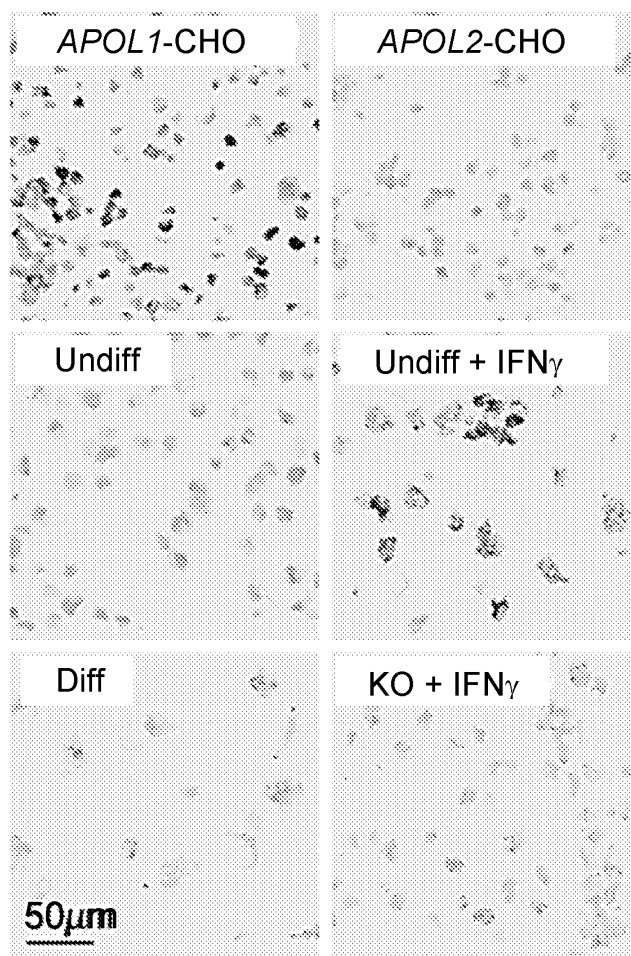


Figure 30C

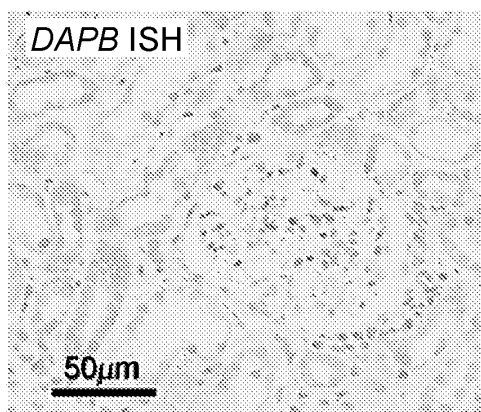
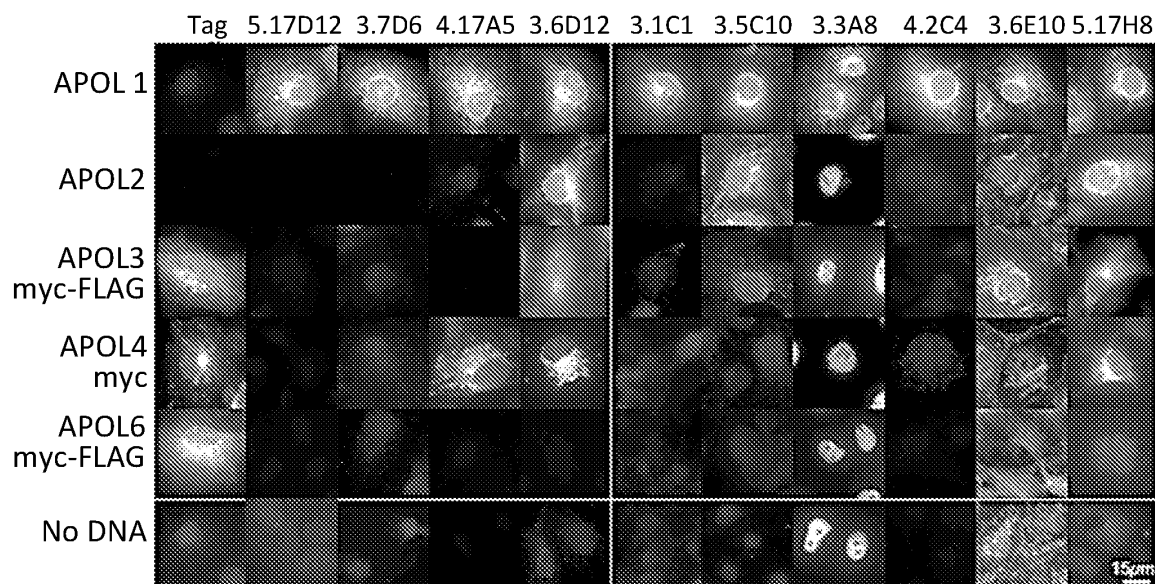
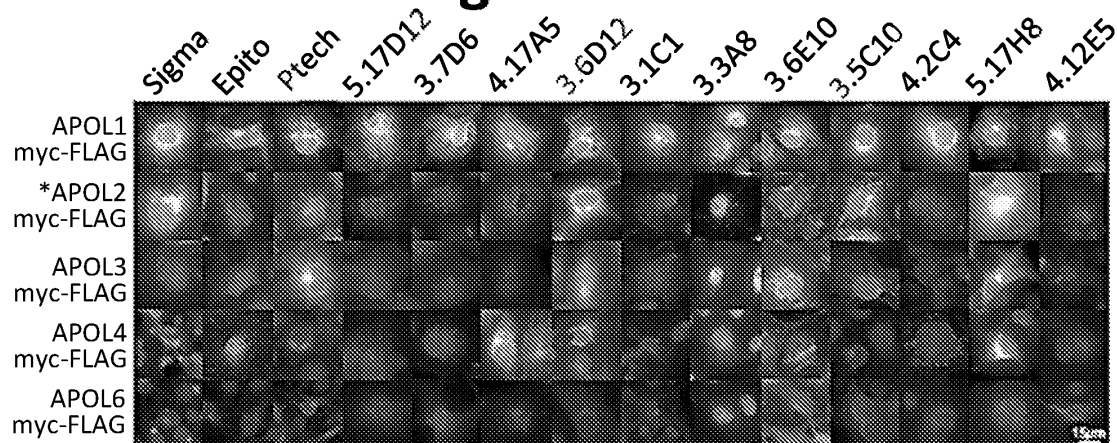


Figure 31A**Figure 31B**

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Figure 32A

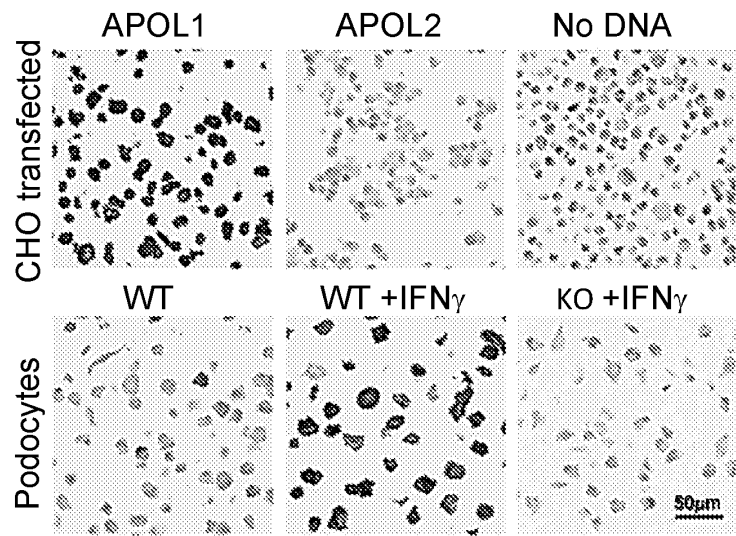


Figure 32B

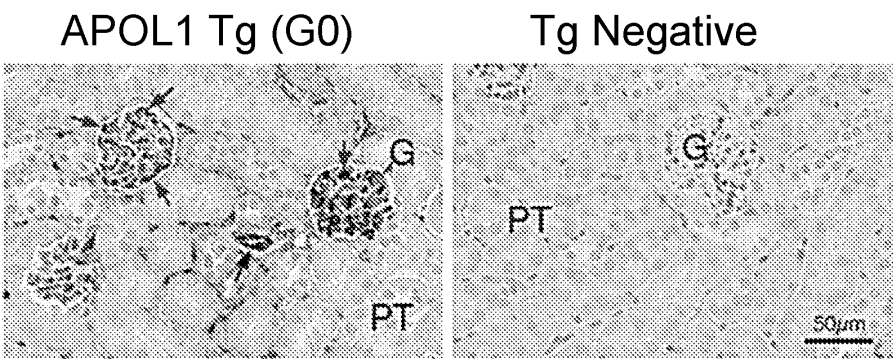
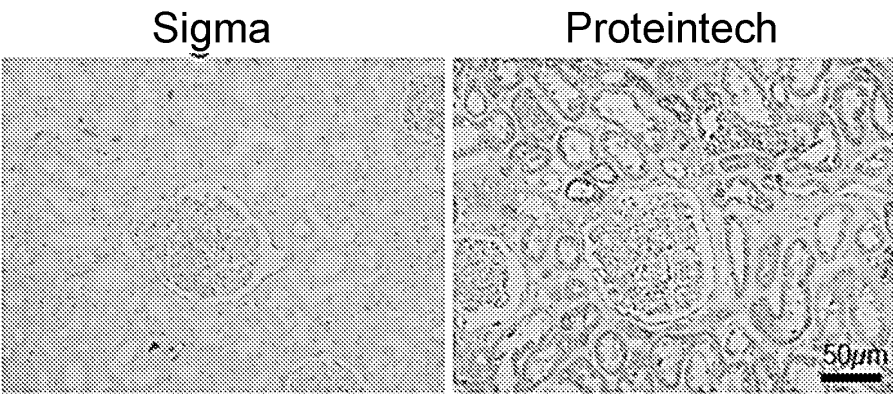


Figure 32C



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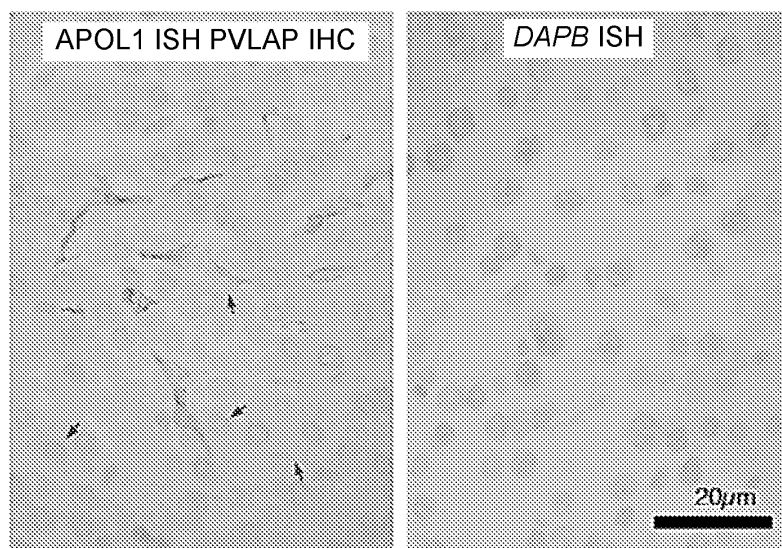
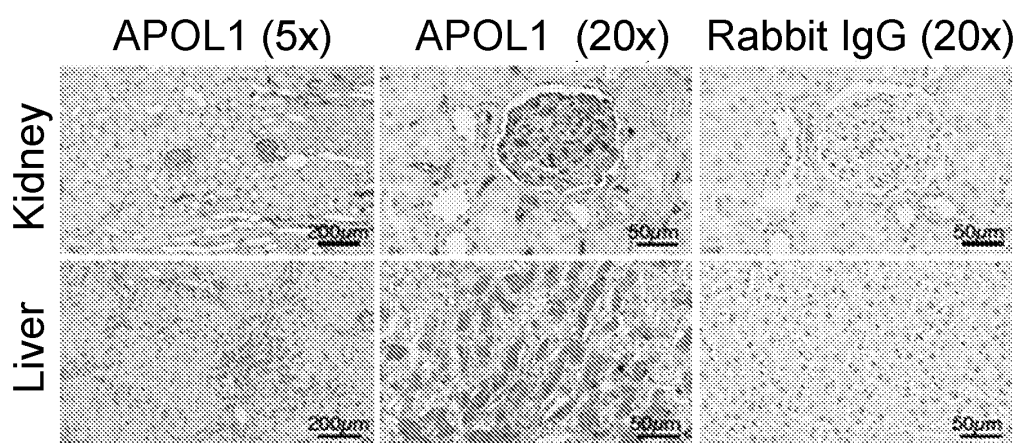
Figure 33A**Figure 33B**

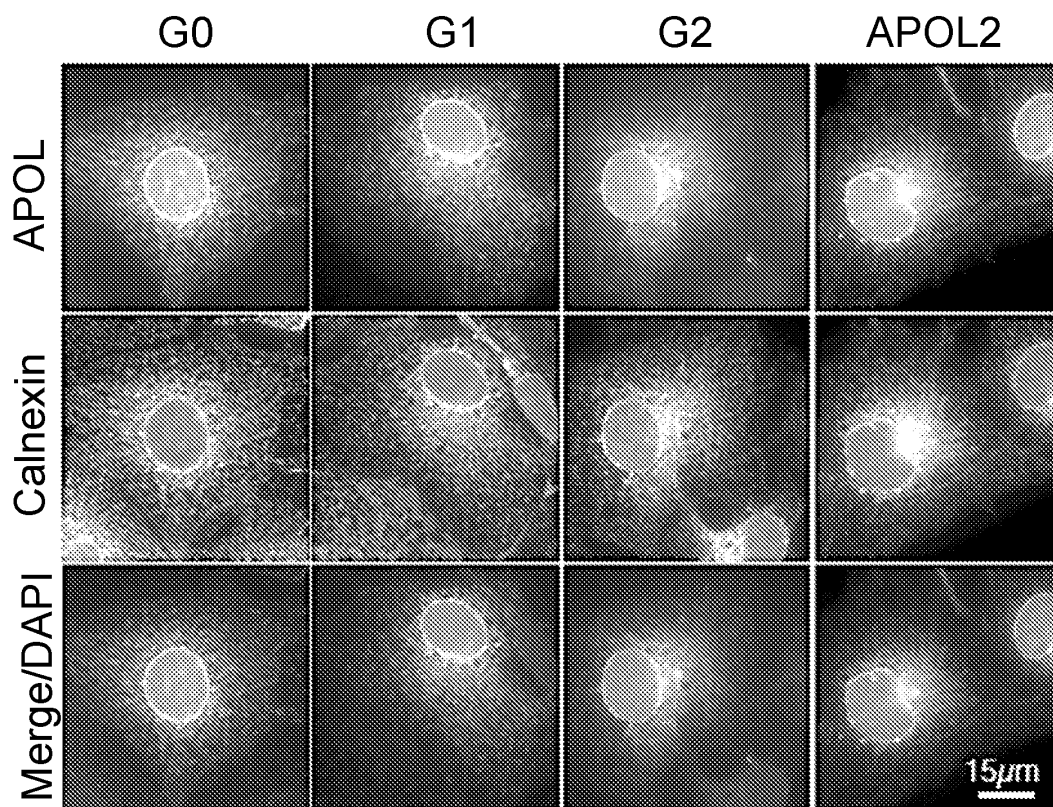
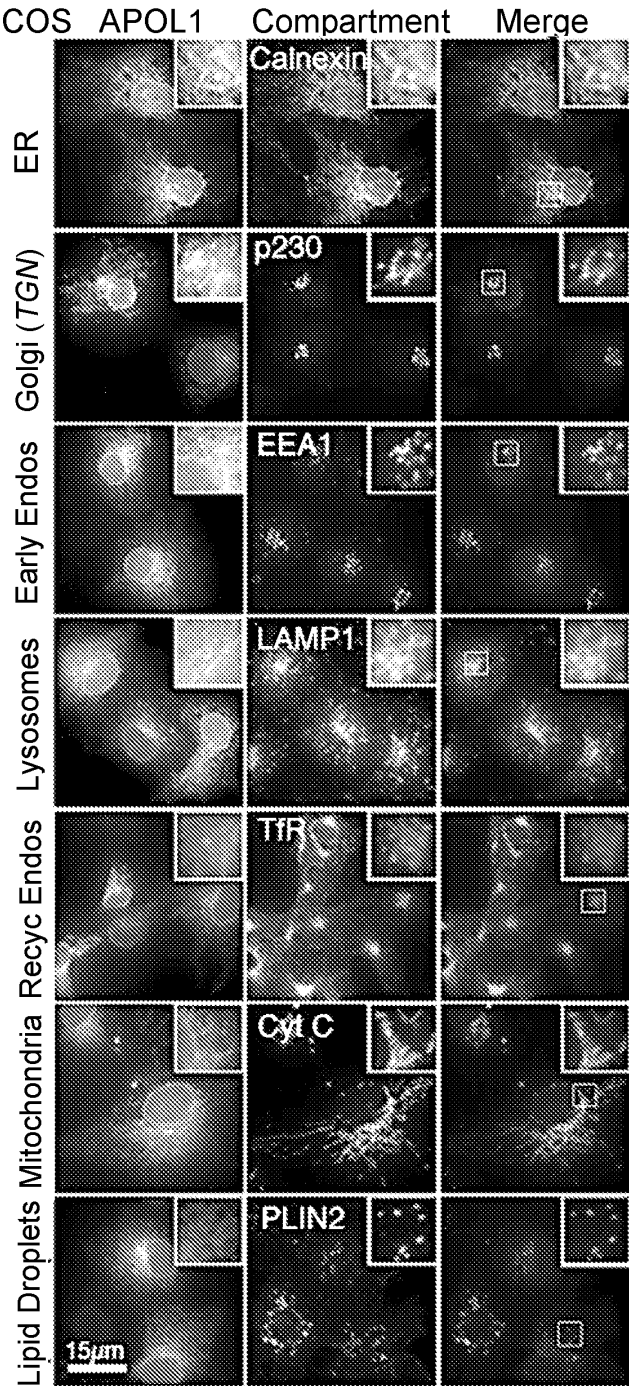
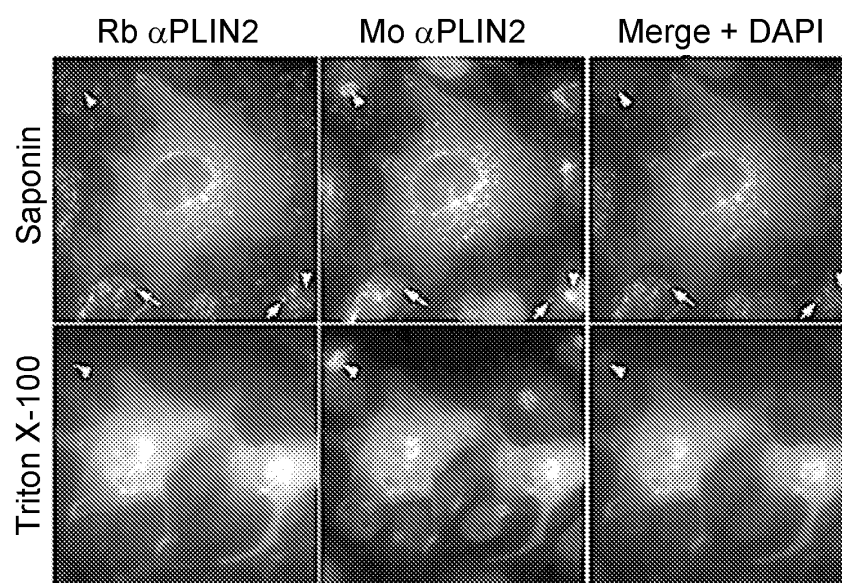
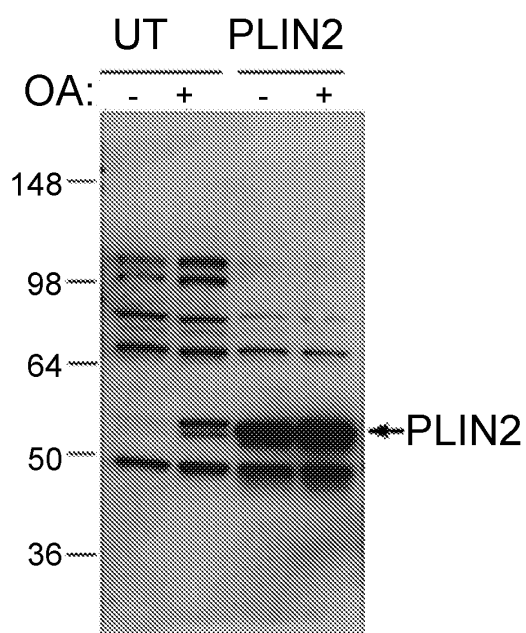
Figure 34

Figure 35

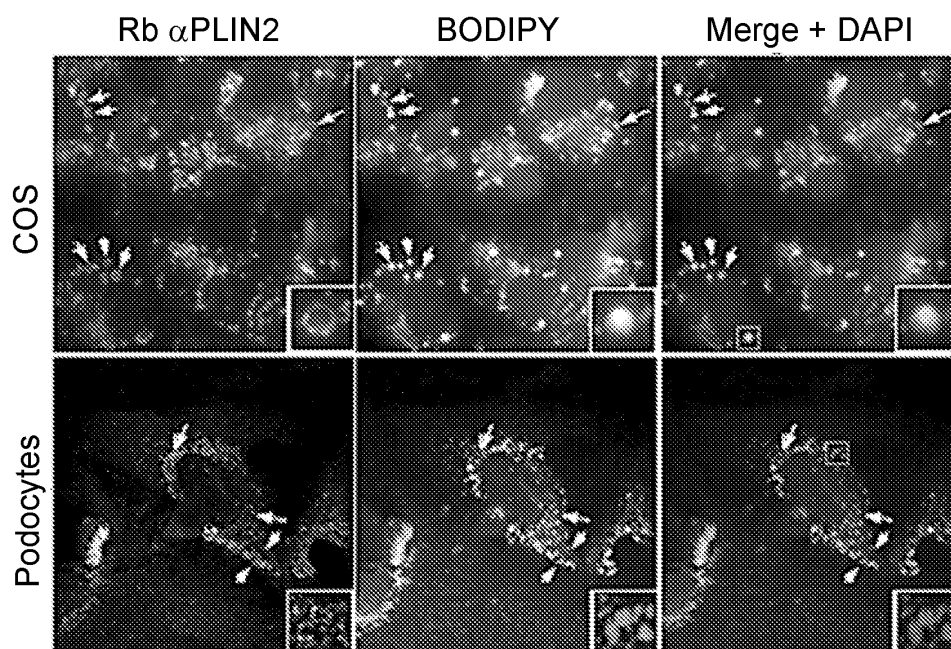
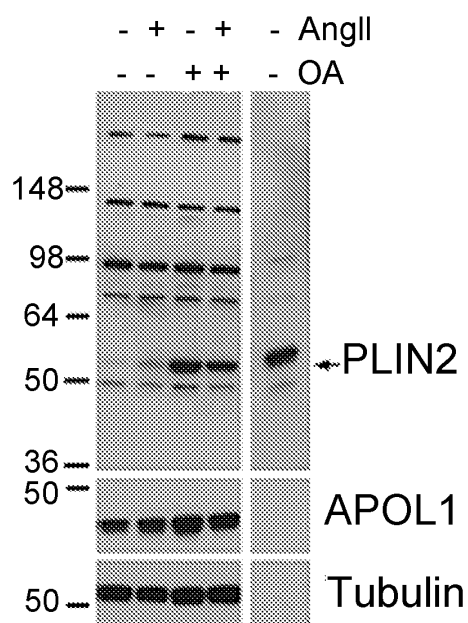


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Figure 36A**Figure 36B**

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Figure 36C**Figure 36D**

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Figure 37A

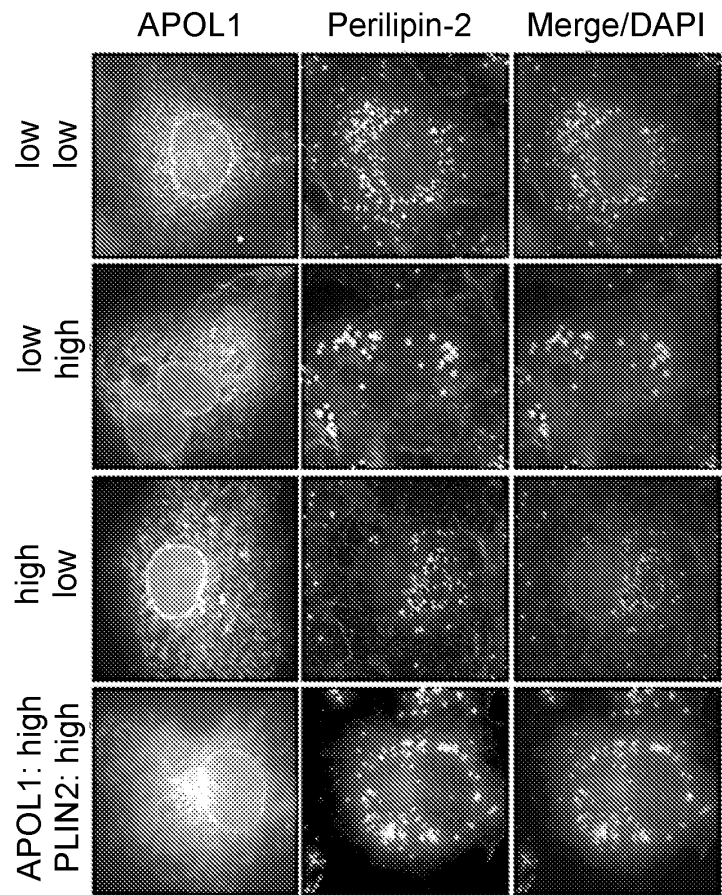


Figure 37B

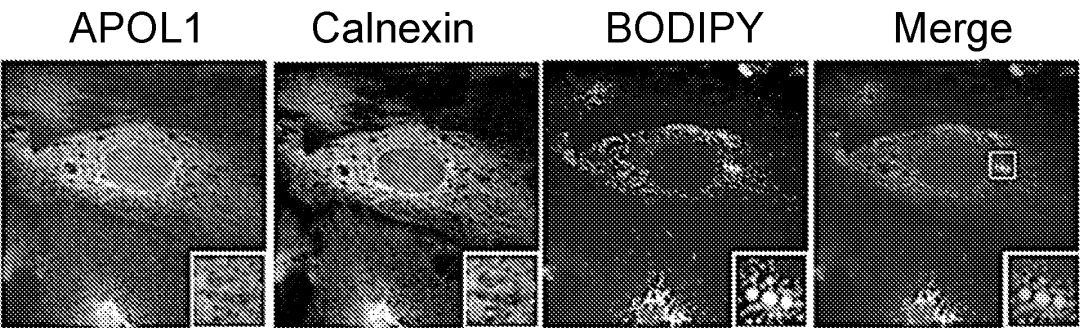


Figure 38A

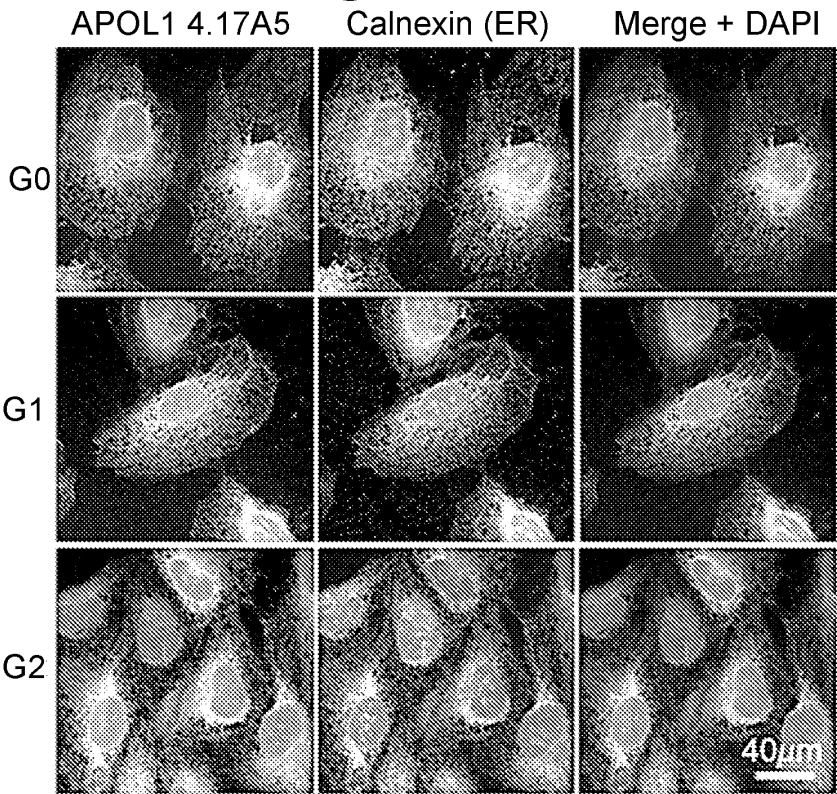
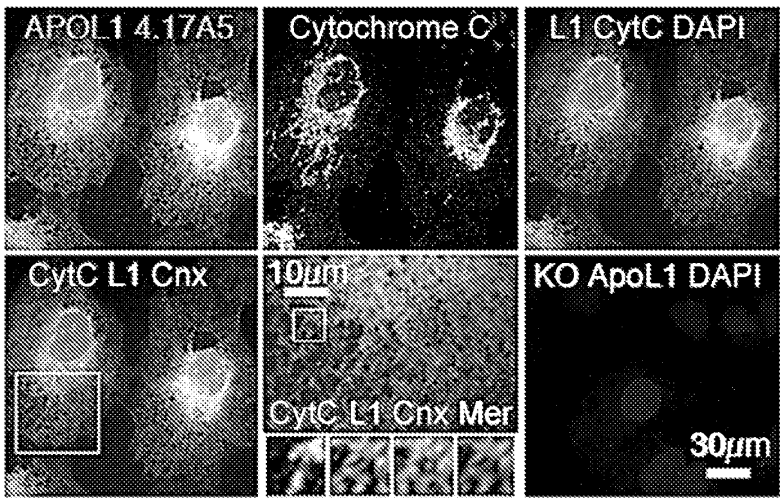


Figure 38B



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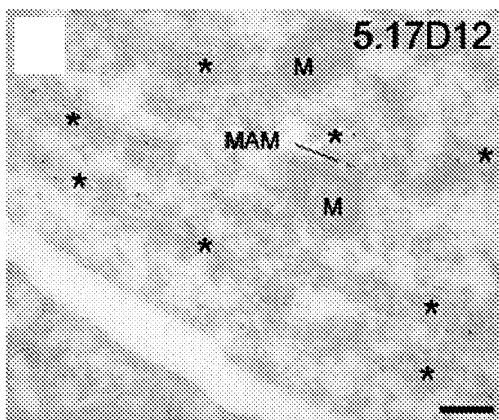
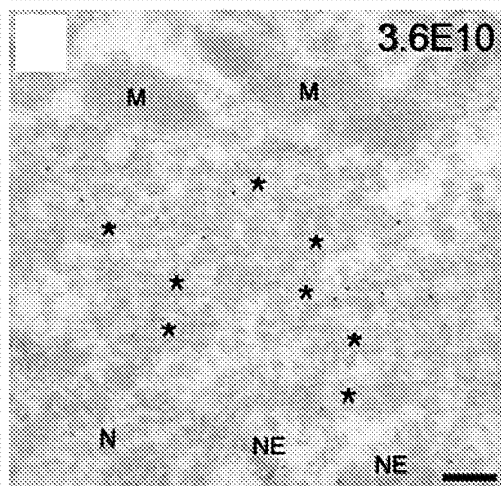
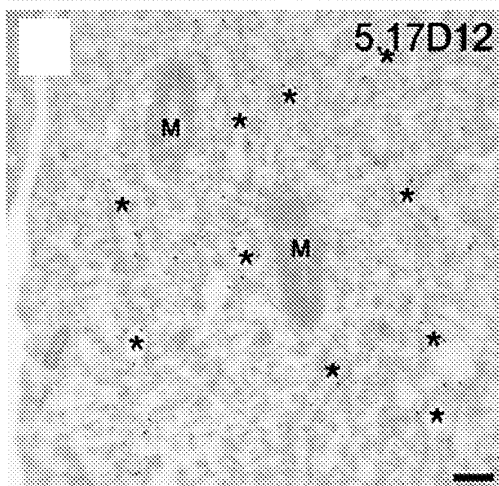
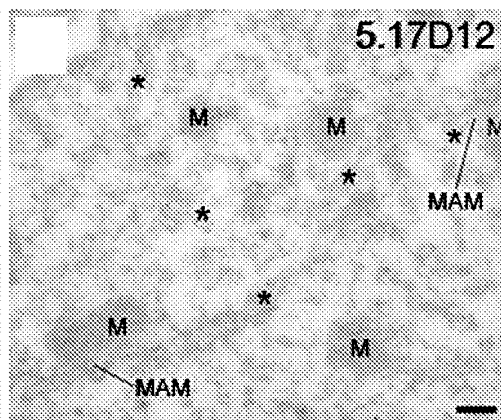
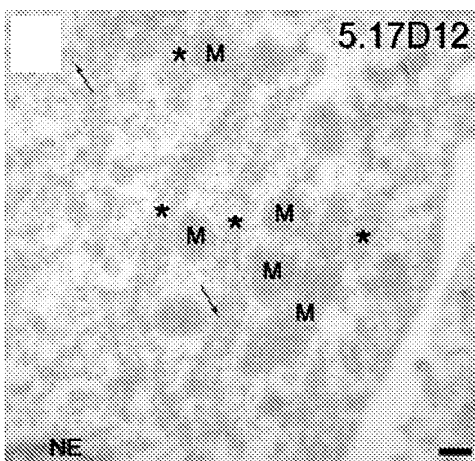
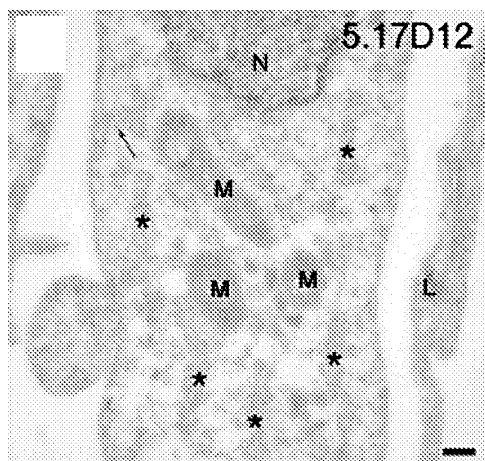
Figure 39A**Figure 39B****Figure 39C****Figure 39D****Figure 39E****Figure 39F**

Figure 40A

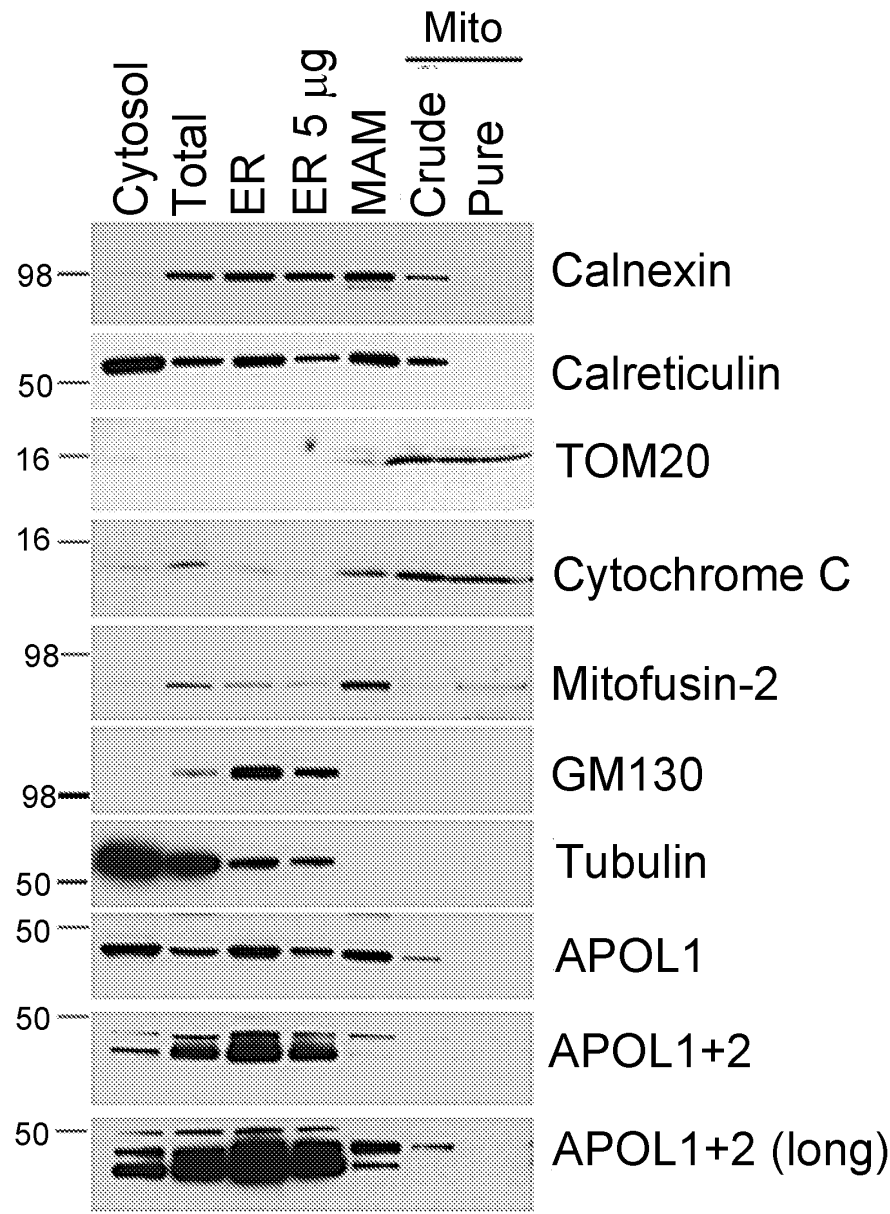
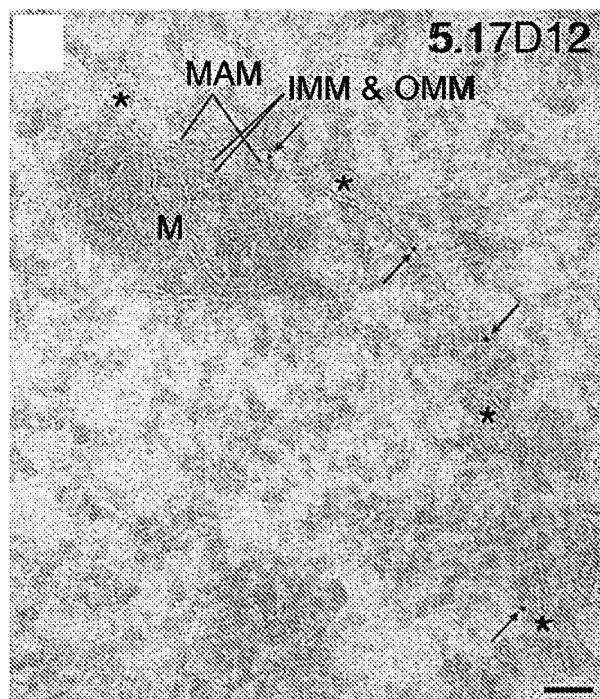
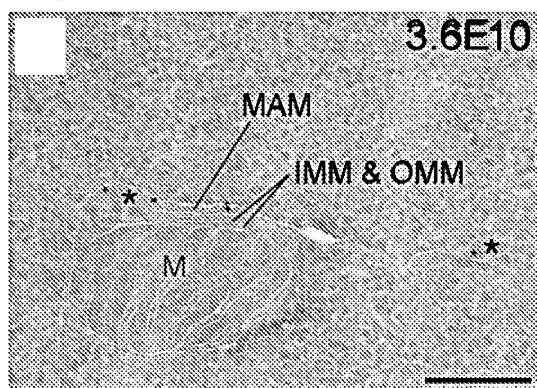
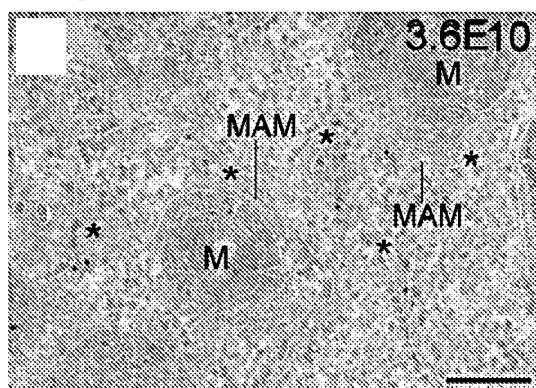


Figure 40B**Figure 40C****Figure 40D**

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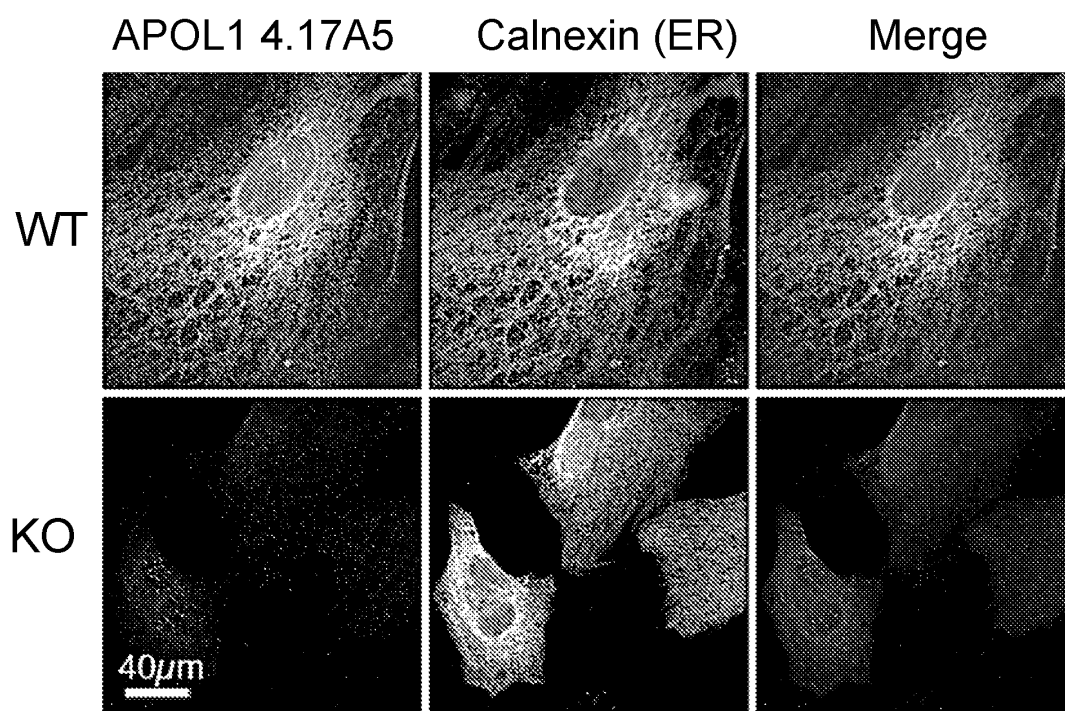
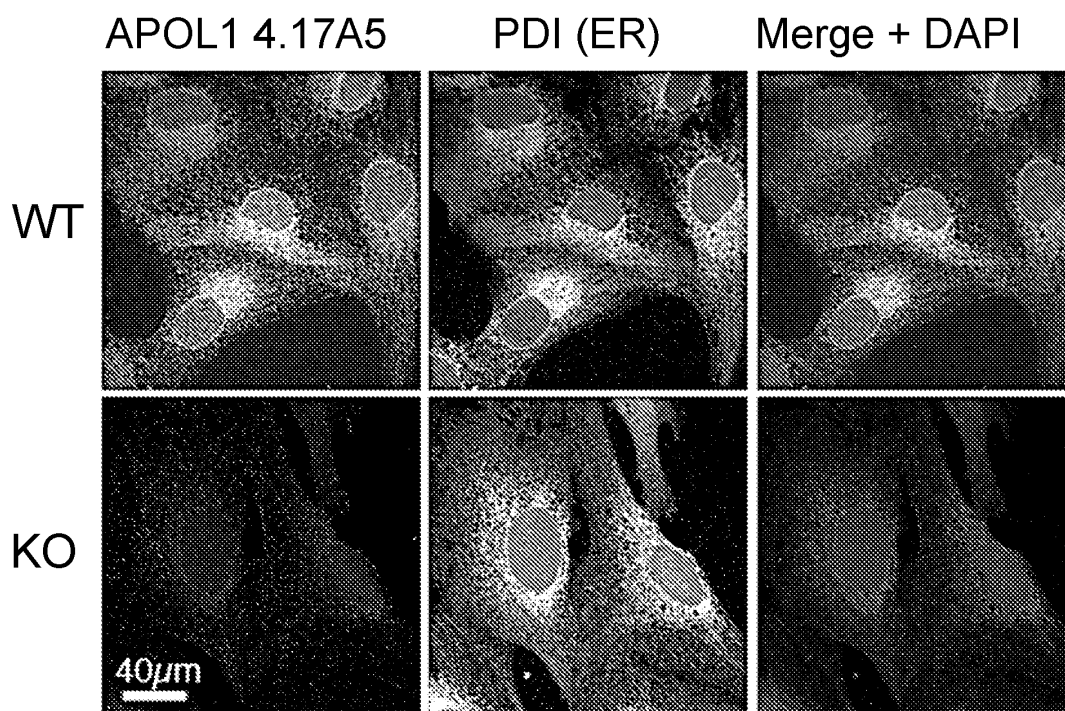
Figure 41A**Figure 41B**

Figure 42

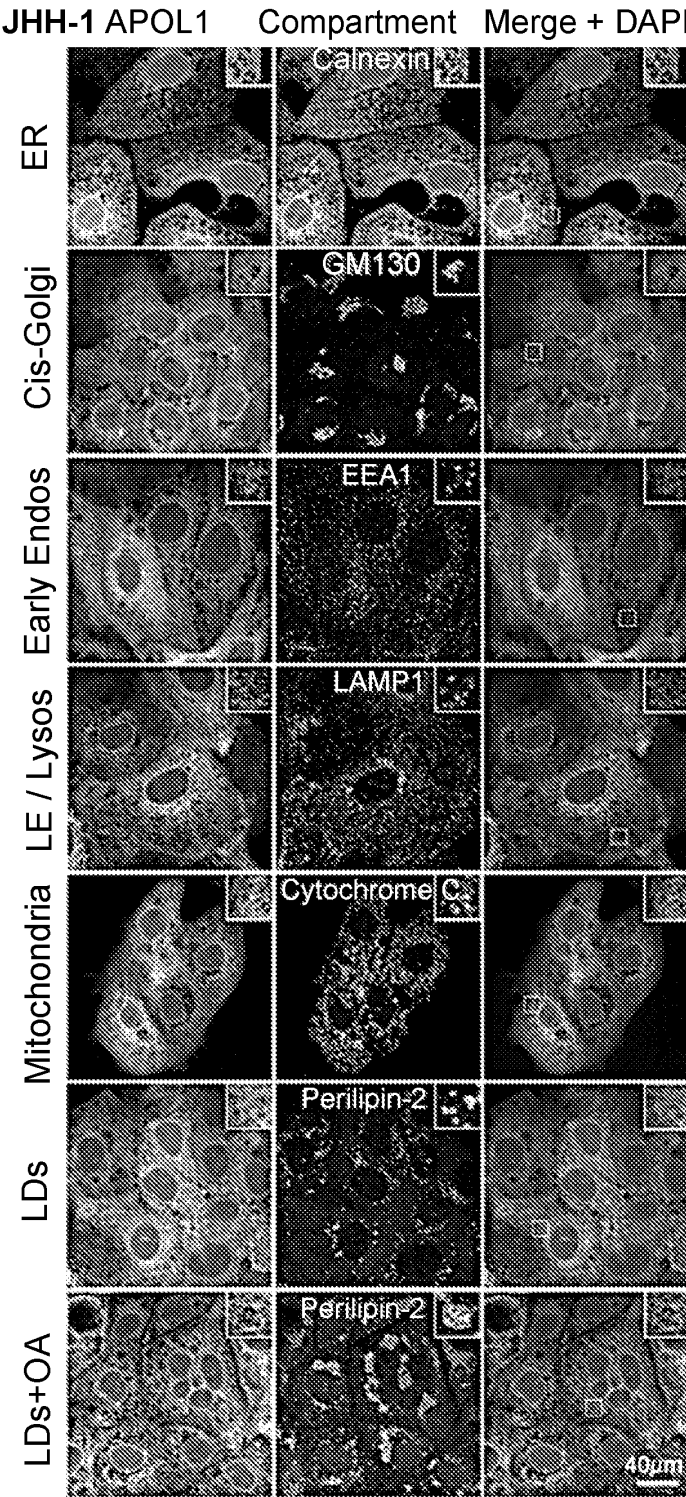


Figure 43

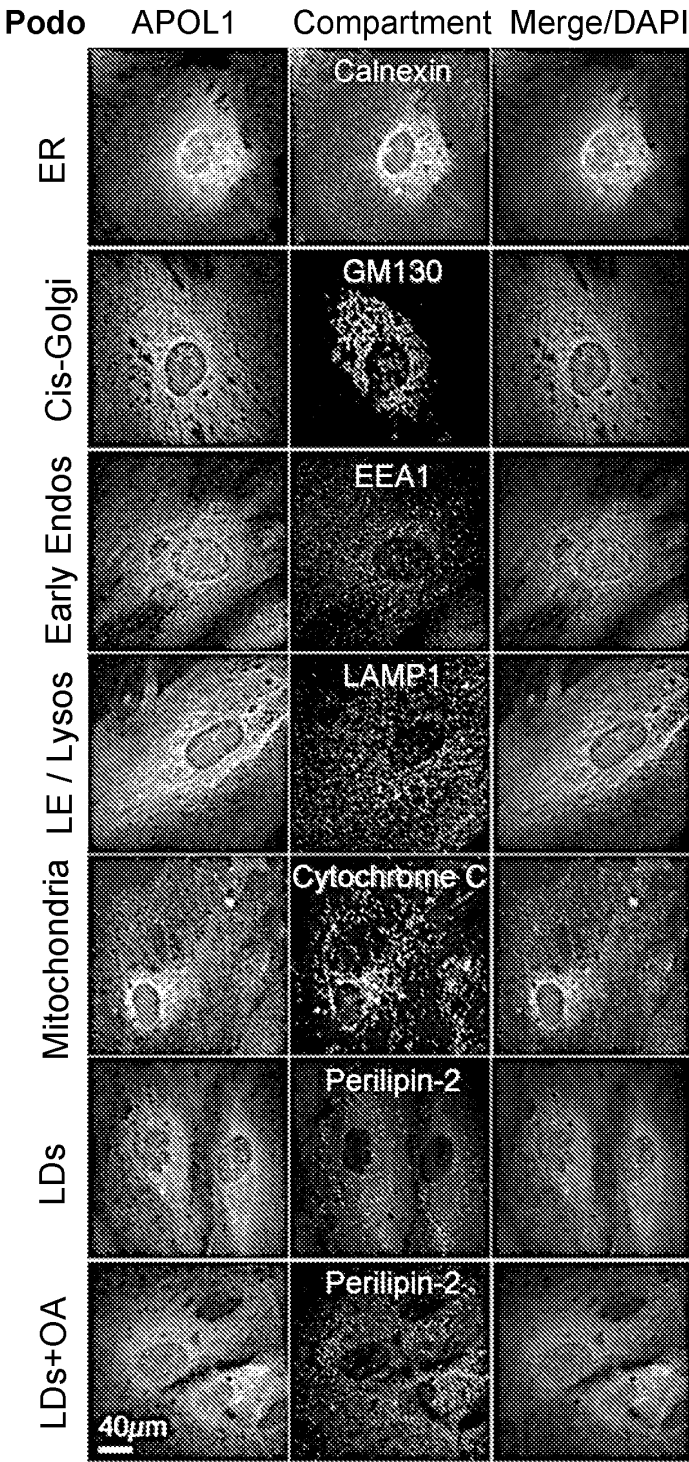
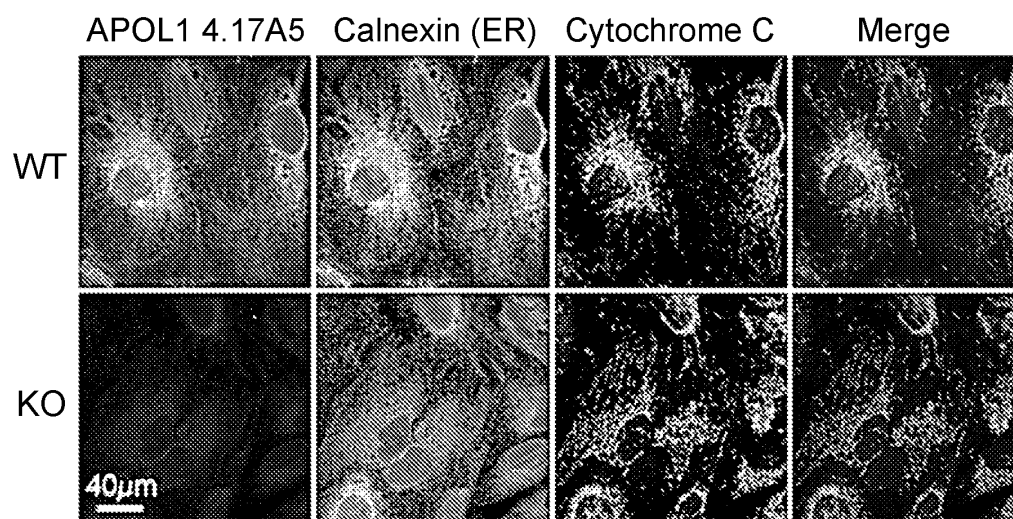
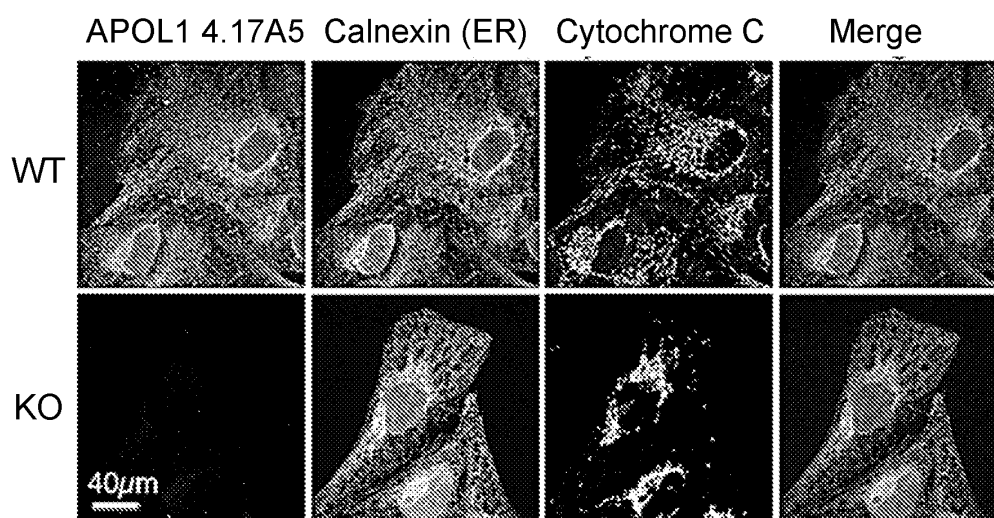


Figure 44A**Figure 44B**

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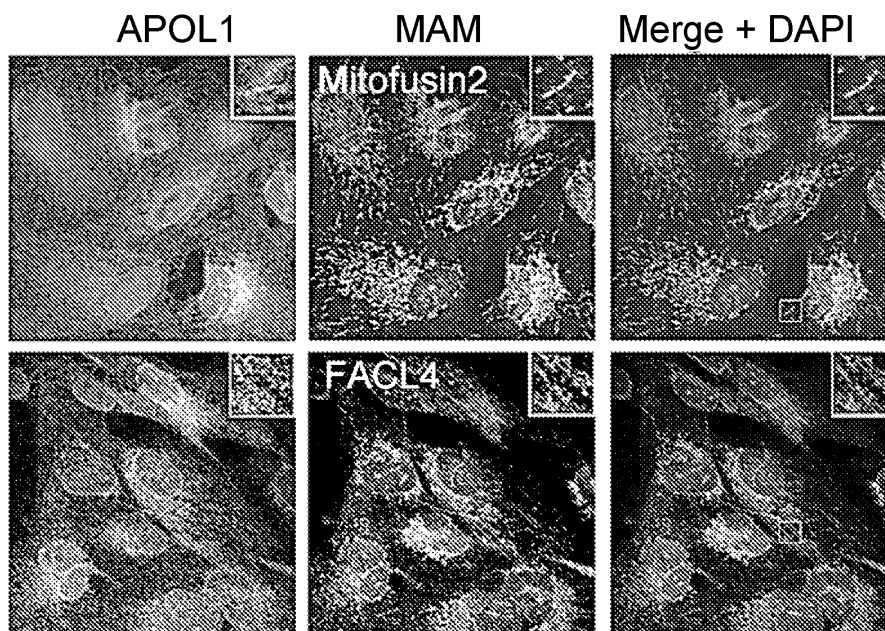
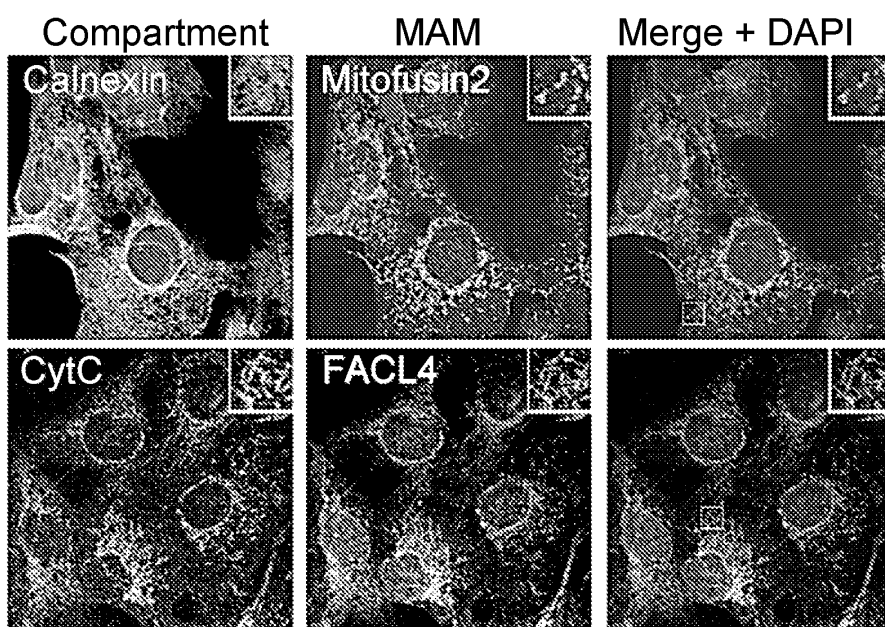
Figure 45A**Figure 45B**

Figure 46A

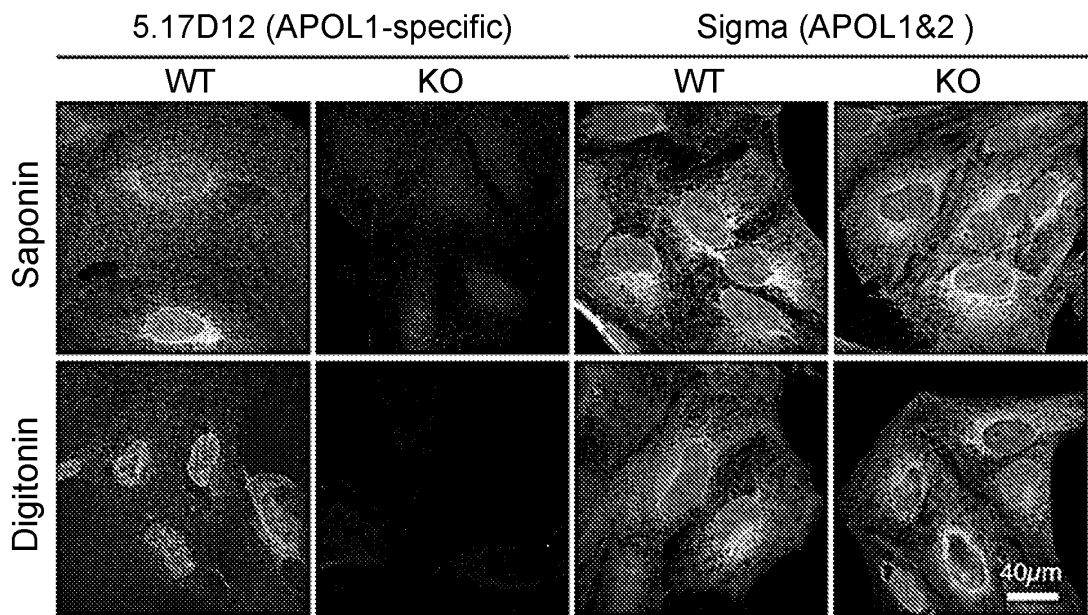


Figure 45B

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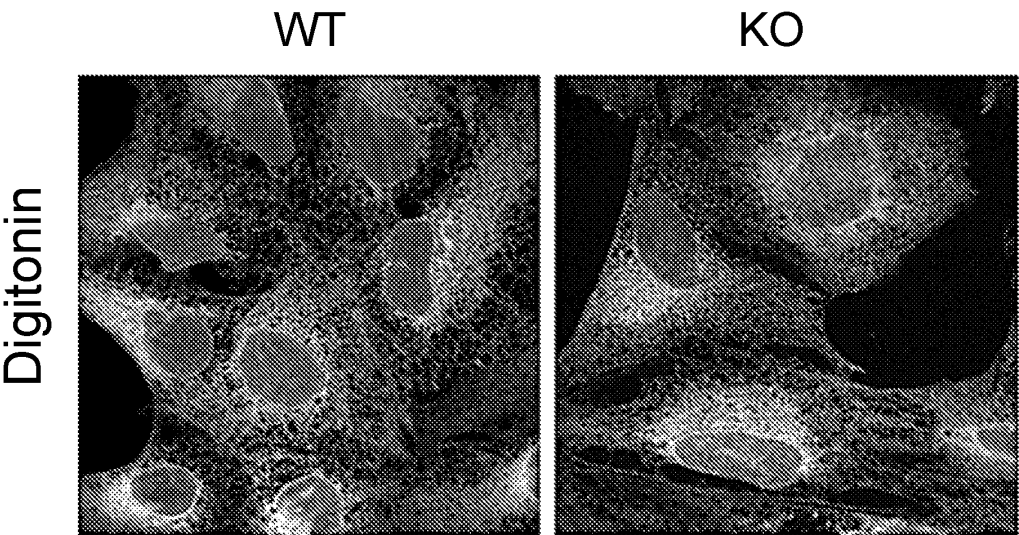


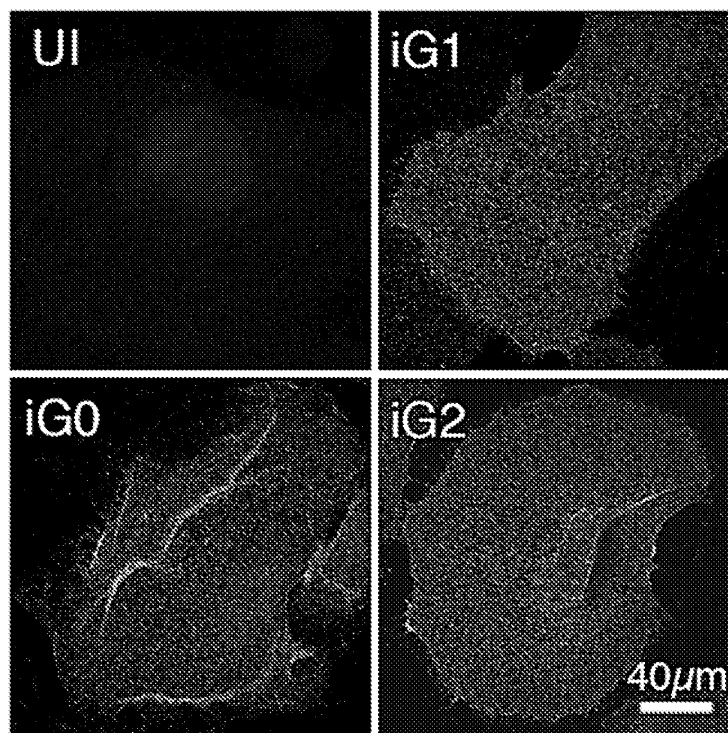
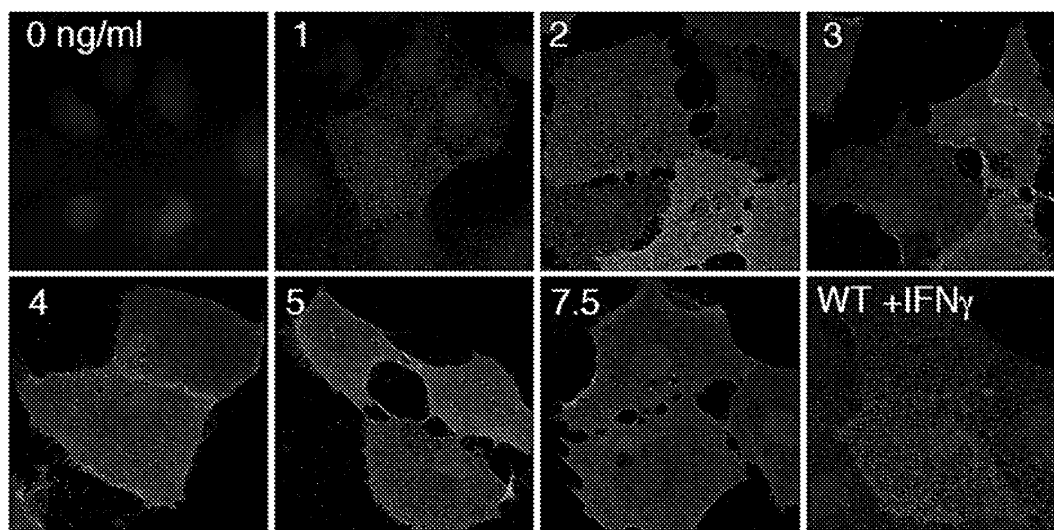
Figure 47A**Figure 47B**

Figure 48A

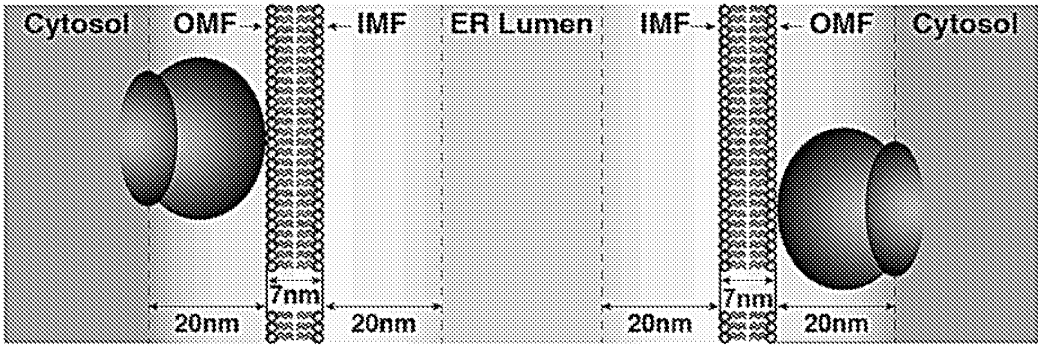


Figure 48B

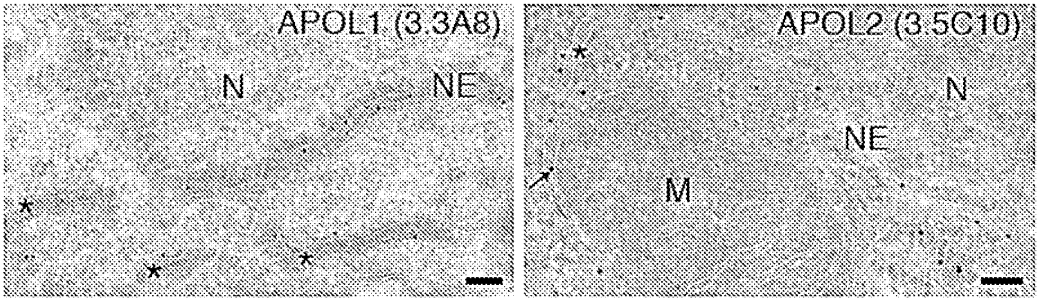
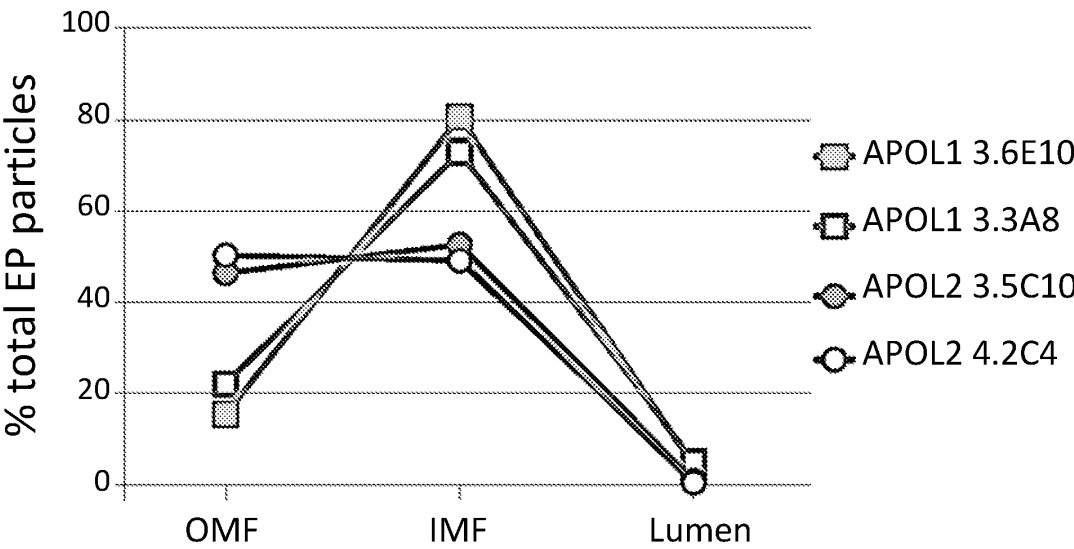


Figure 48C



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Figure 49A

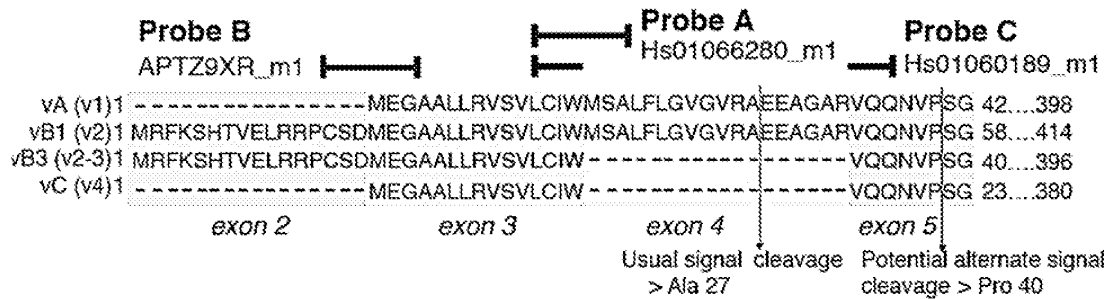


Figure 49B

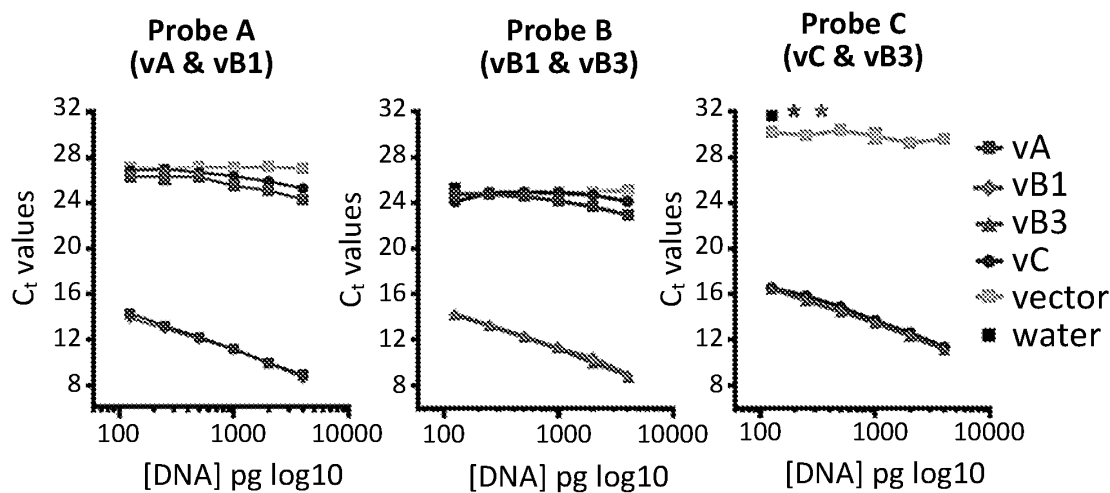
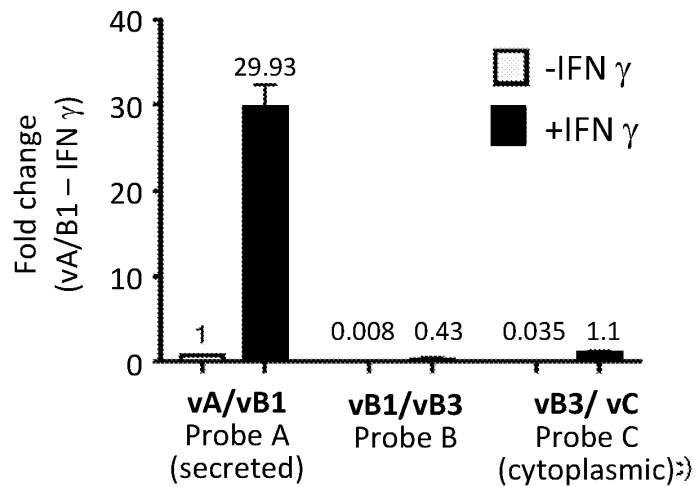
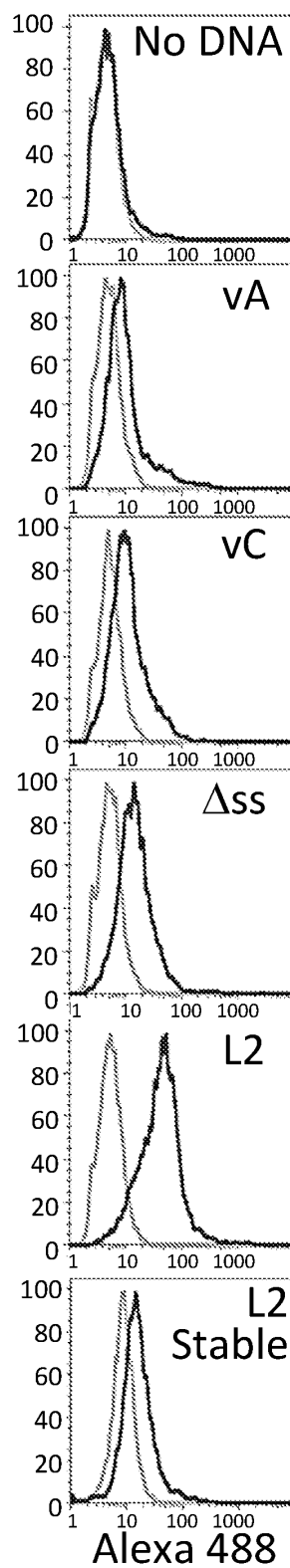


Figure 49C



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Figure 50A

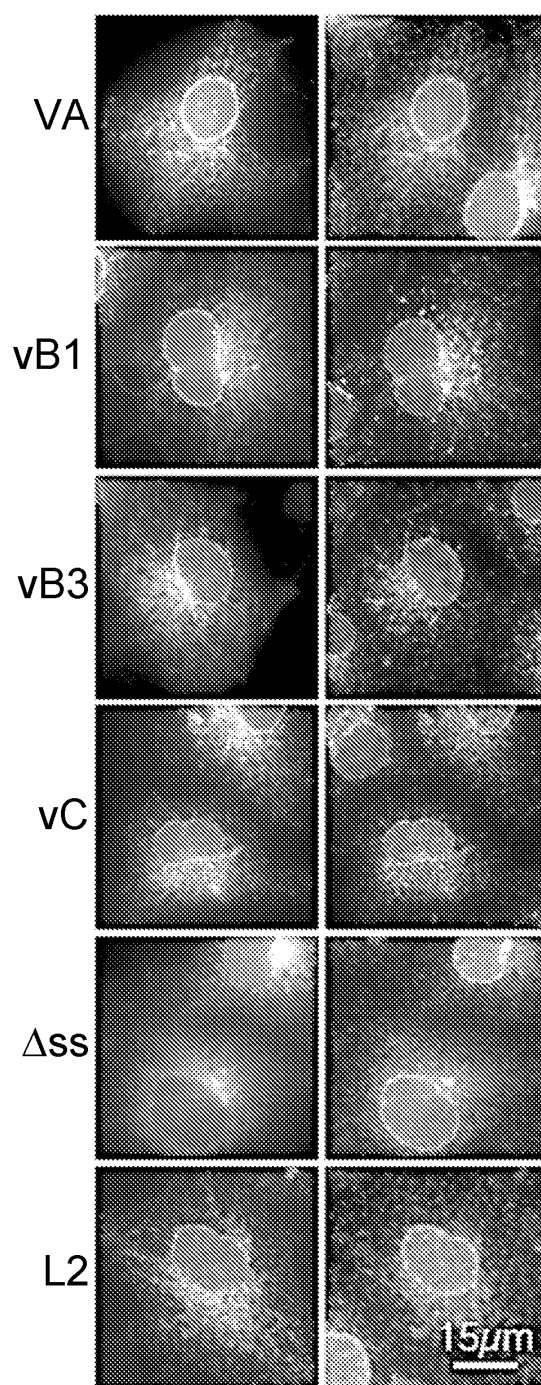


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Figure 50B

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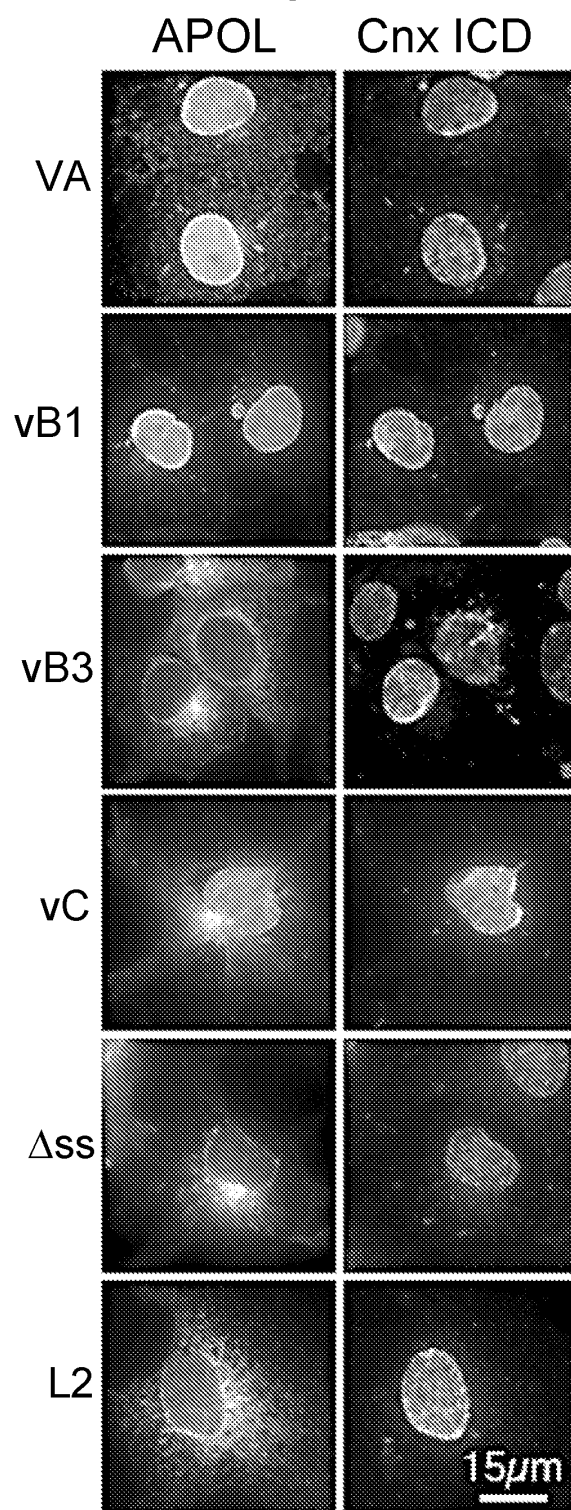


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Figure 50C

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Figure 51A

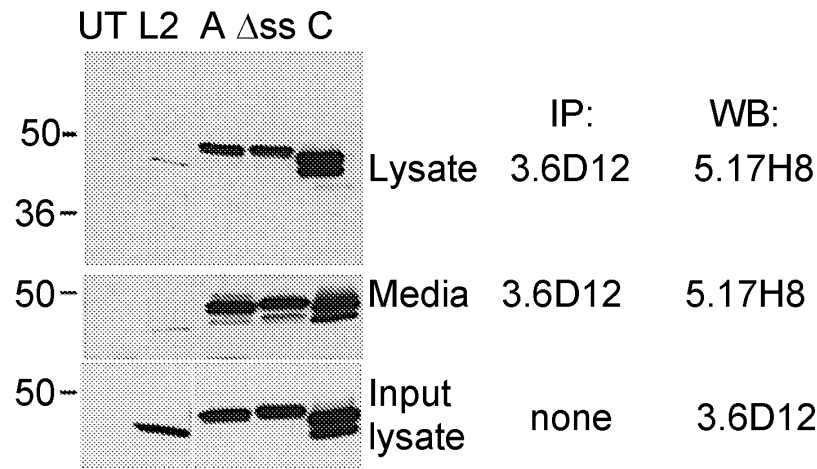


Figure 51B

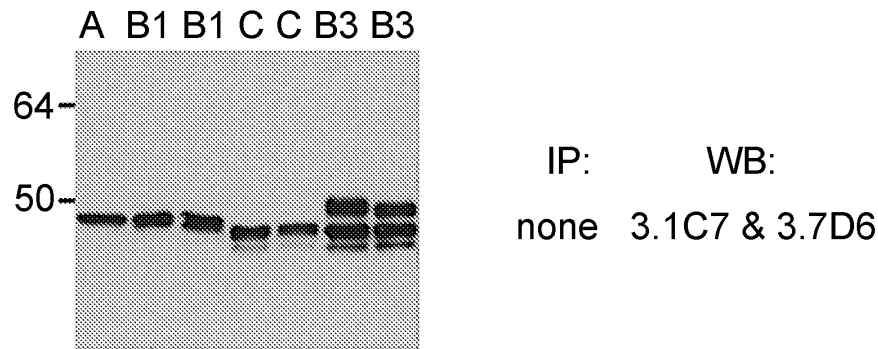


Figure 51C

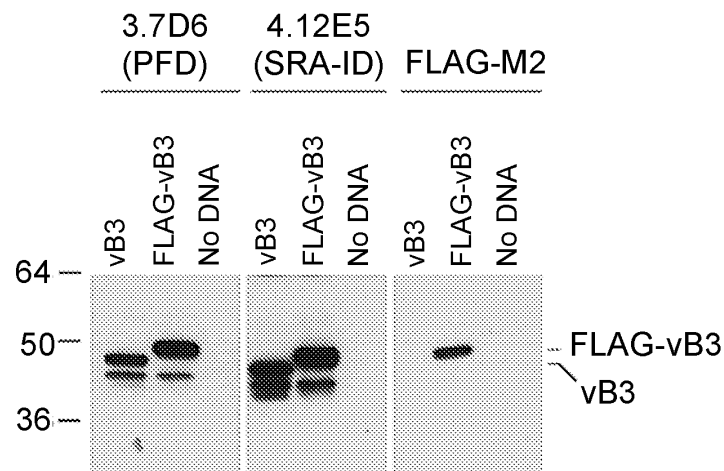
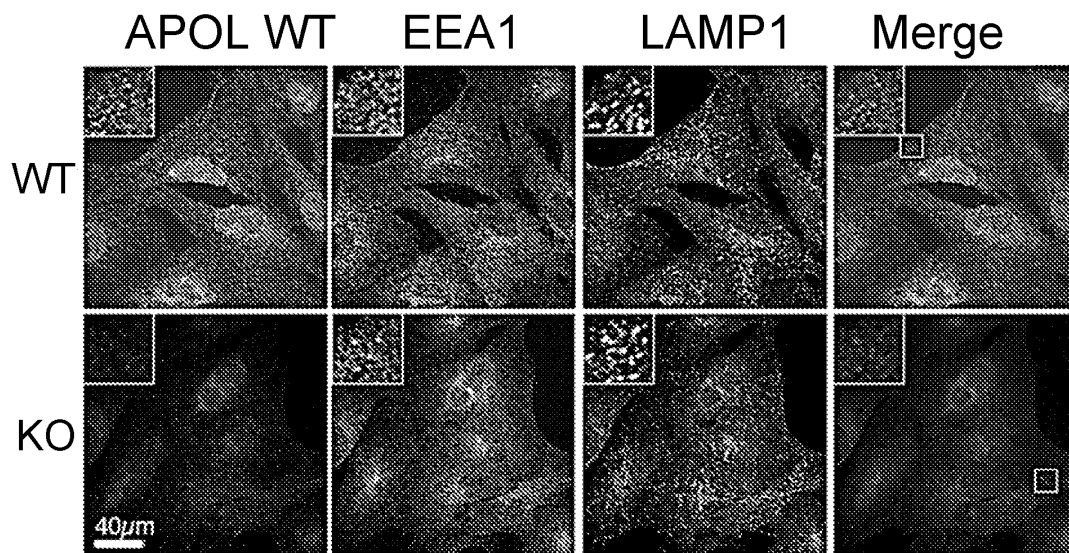


Figure 52A**Figure 52B**