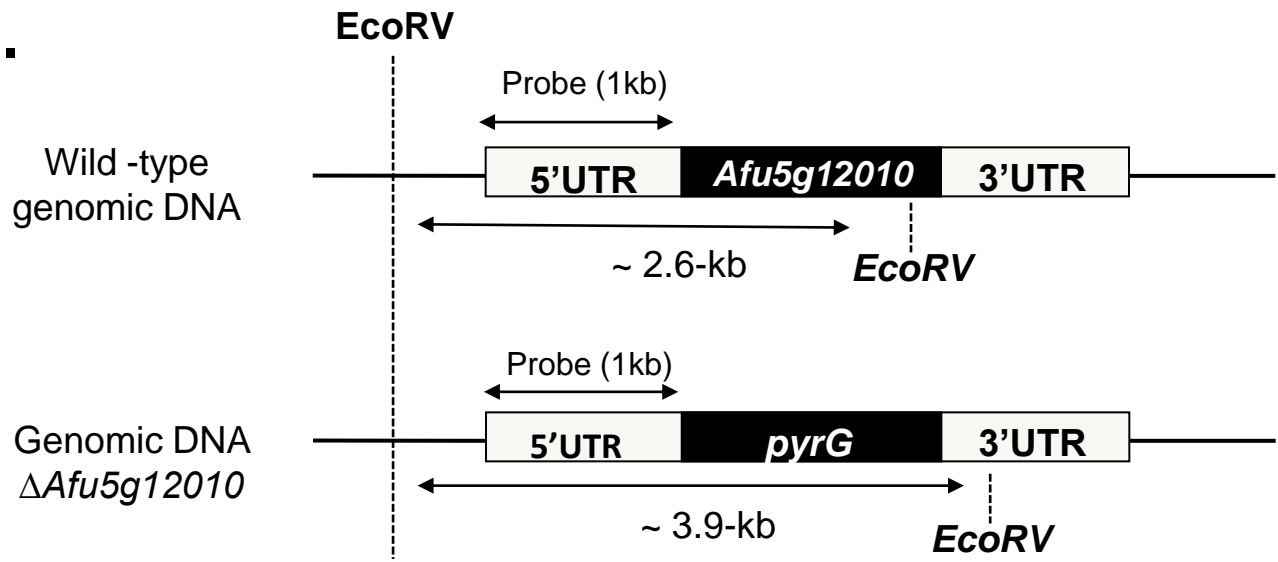
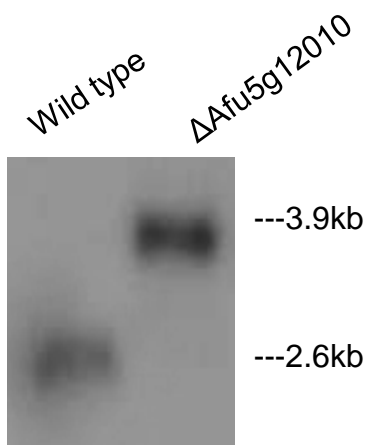


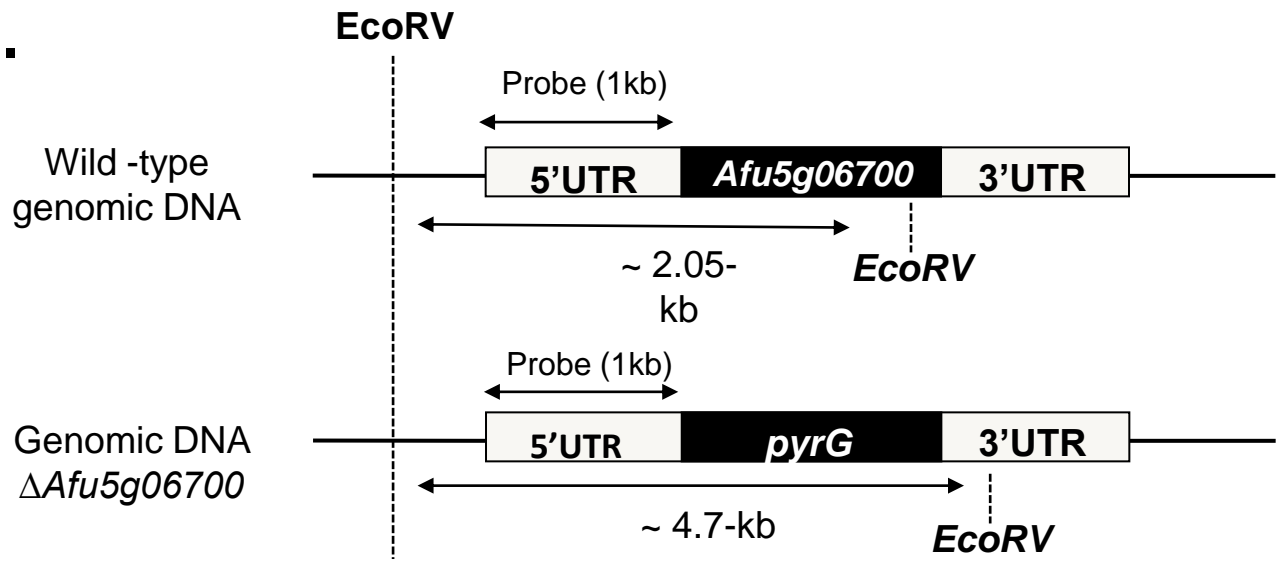
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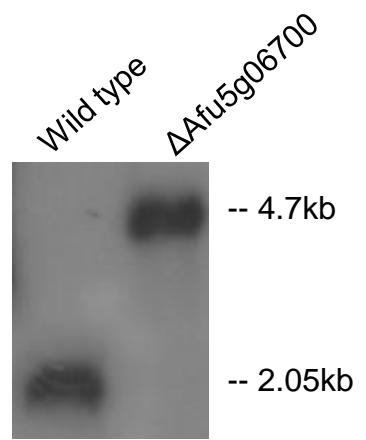
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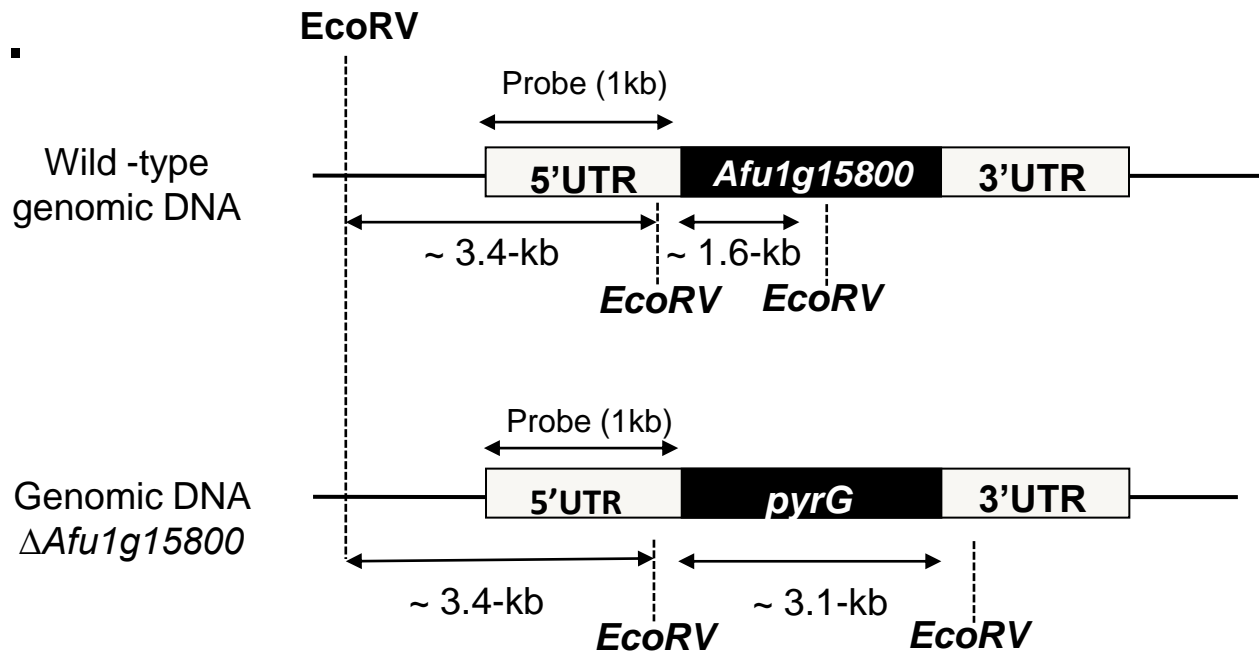


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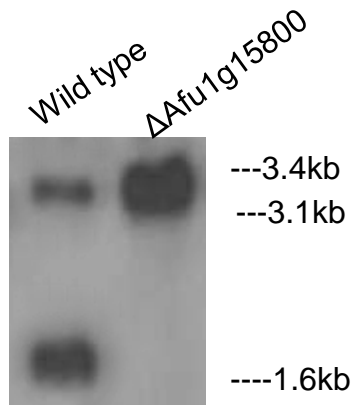


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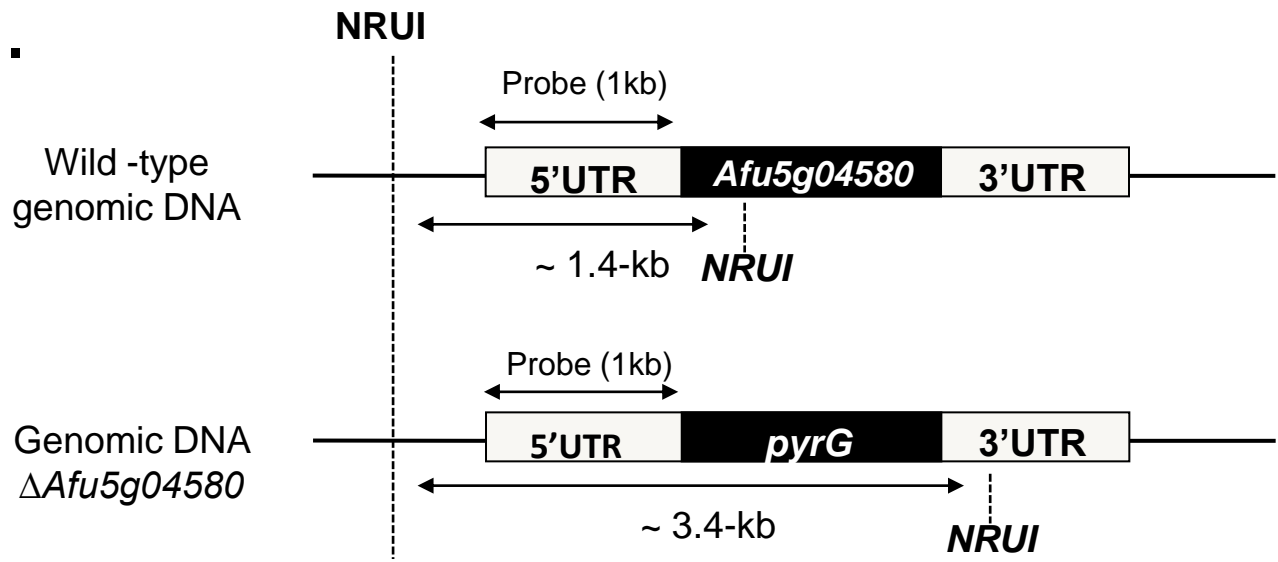


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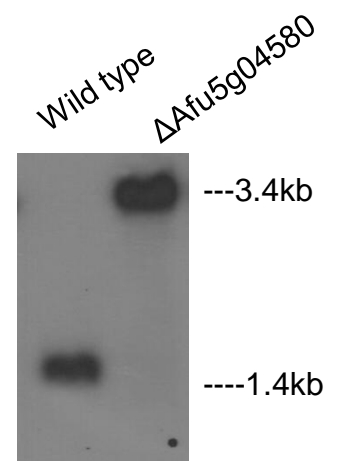
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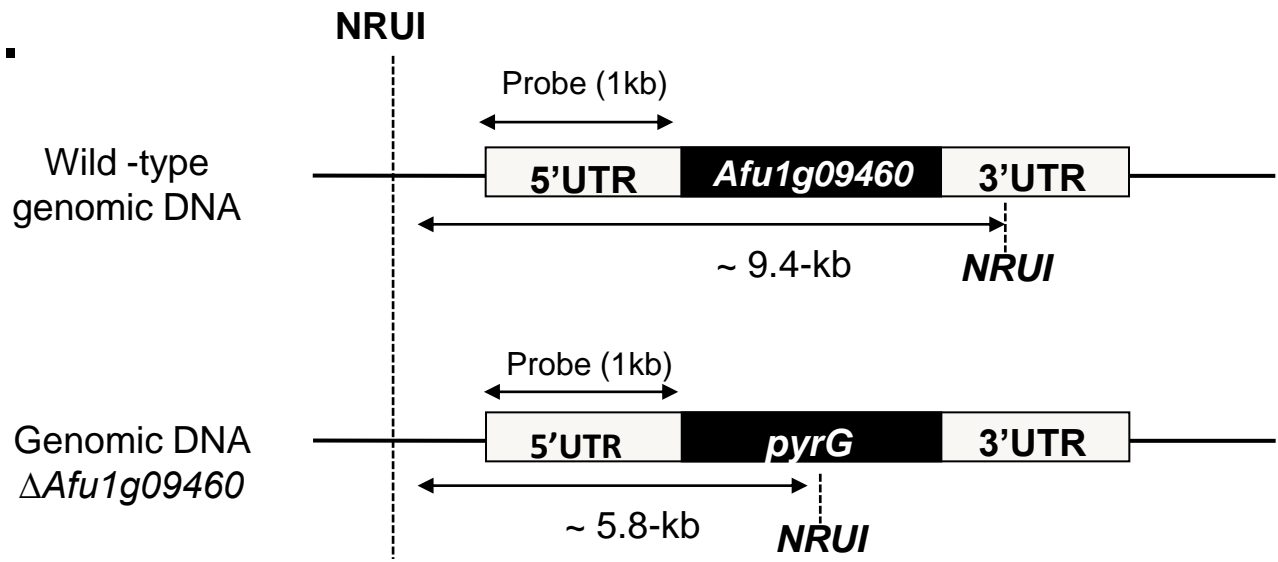
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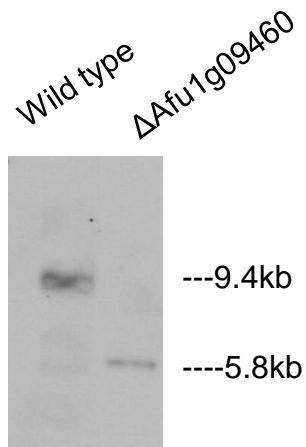
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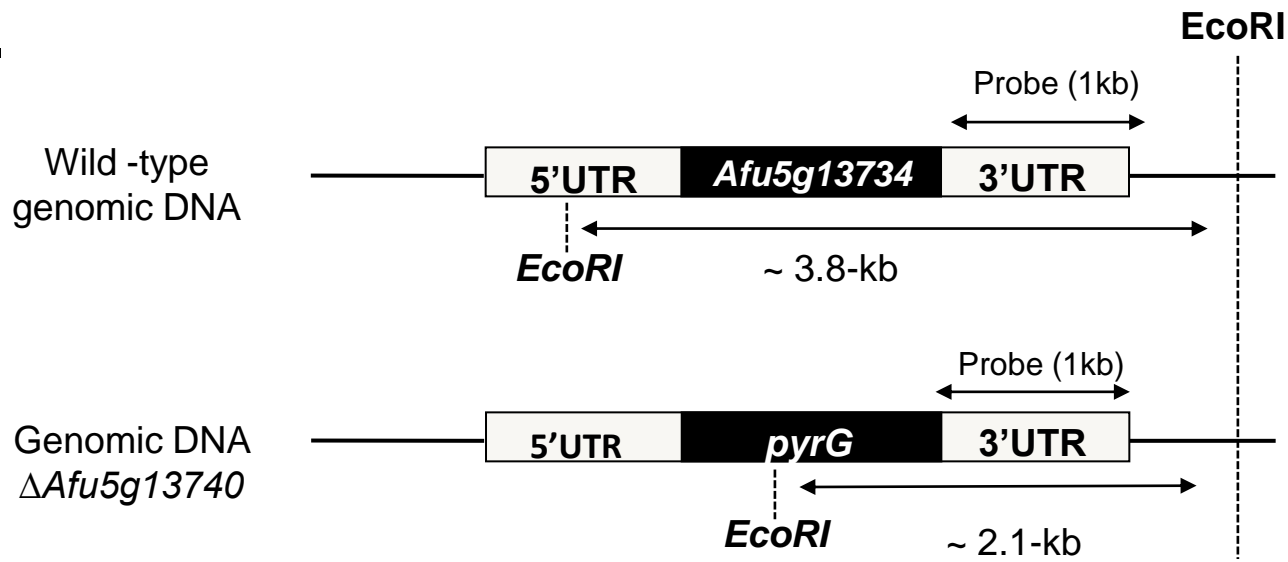


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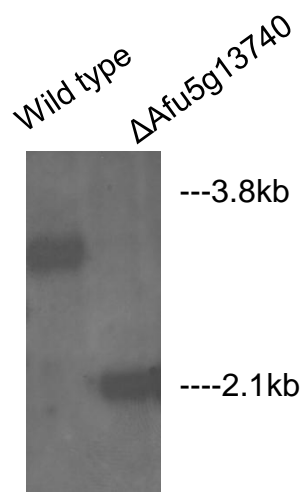


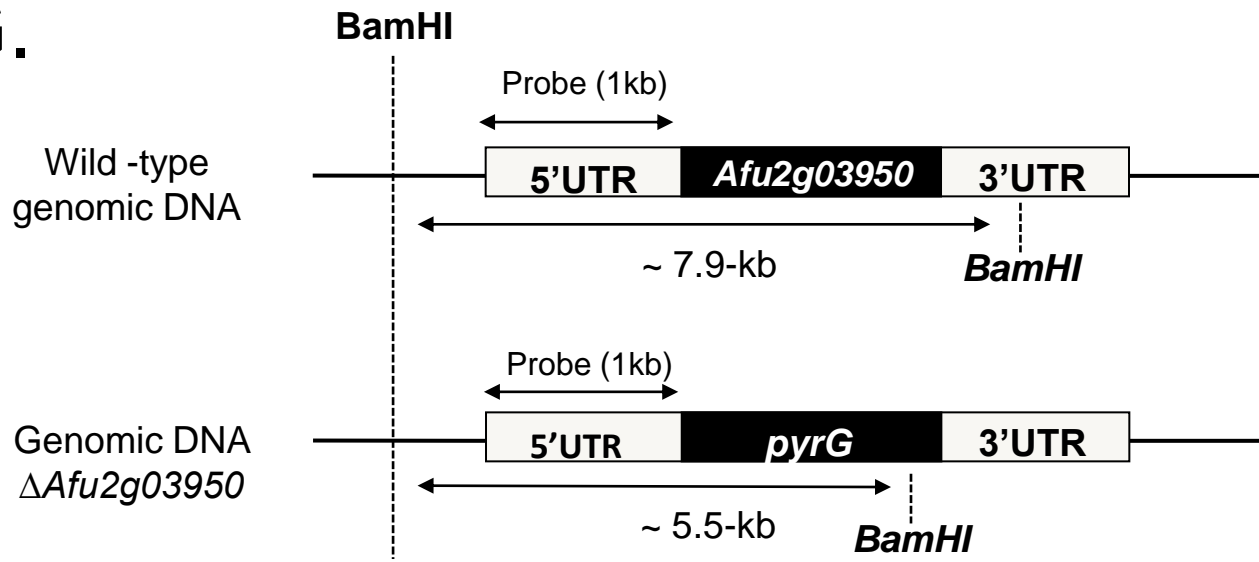
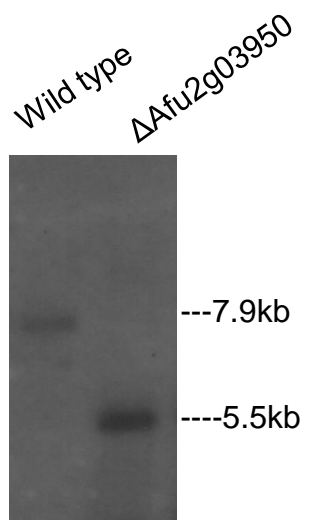
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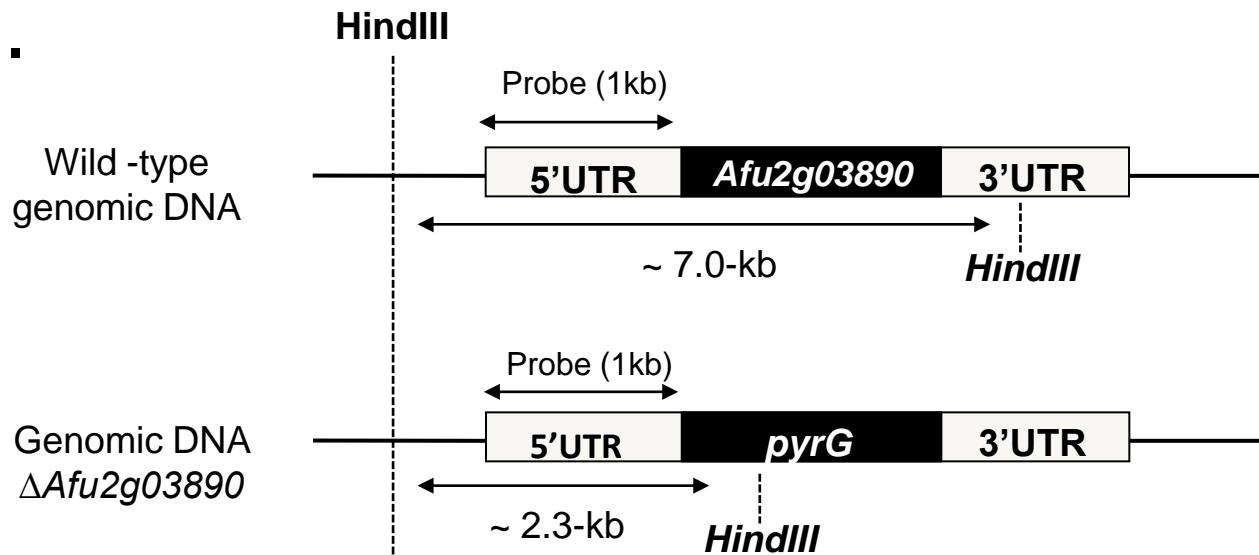
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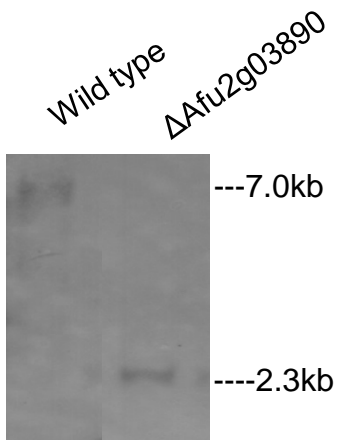


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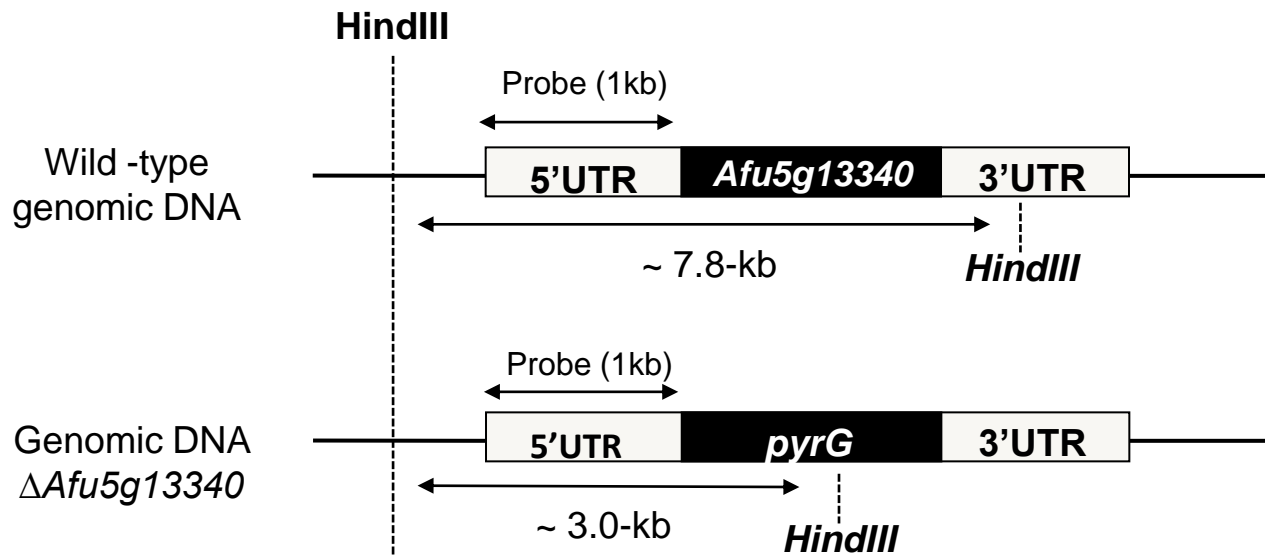
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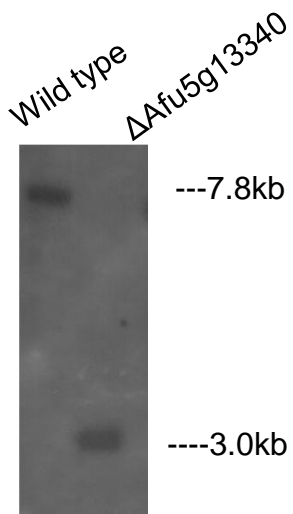
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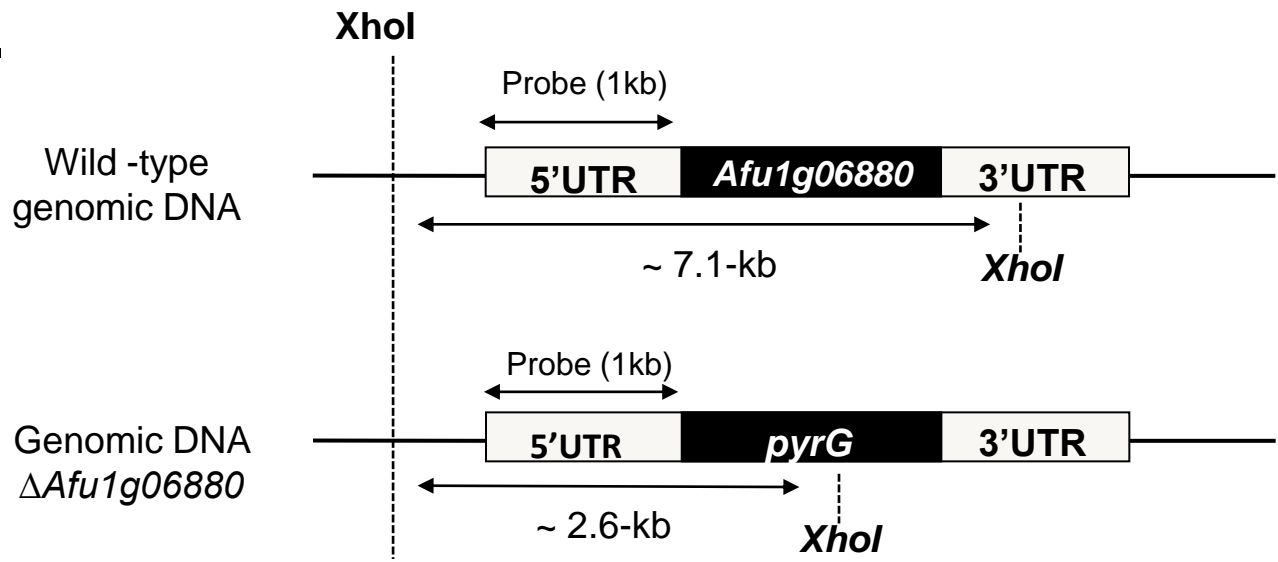
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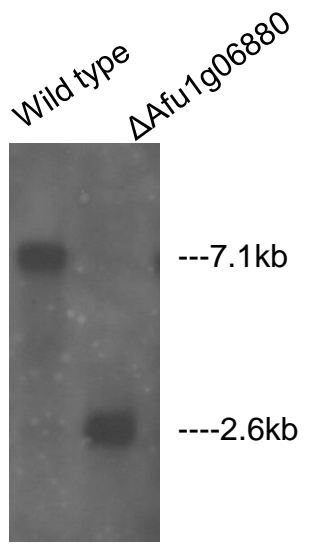
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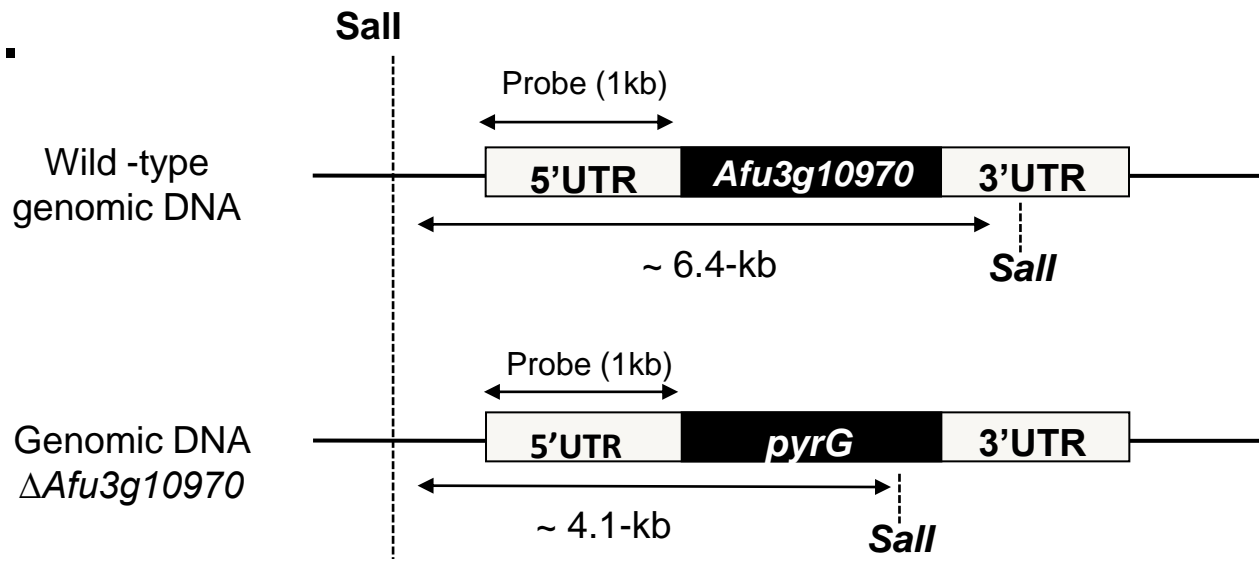
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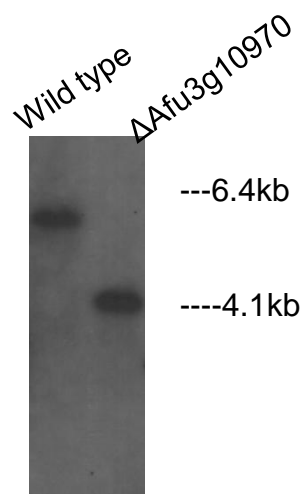
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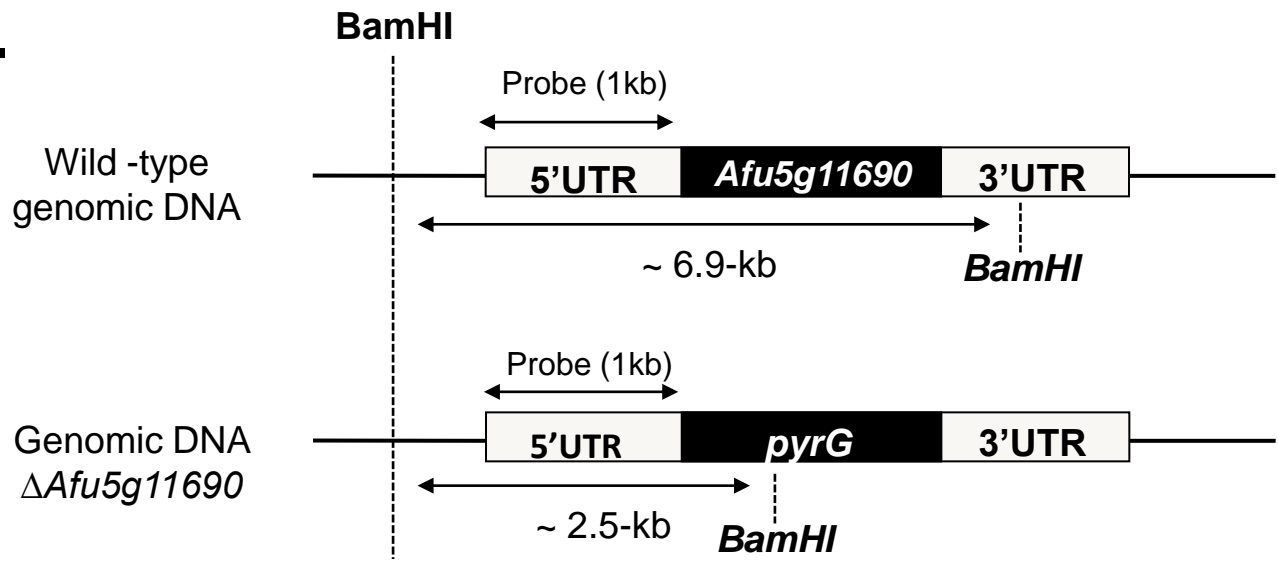
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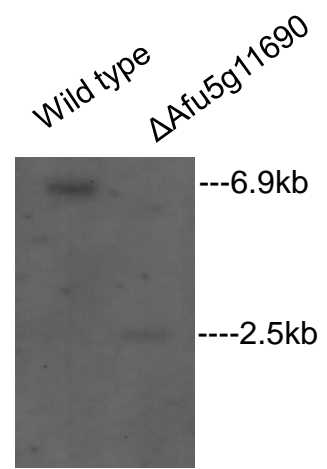
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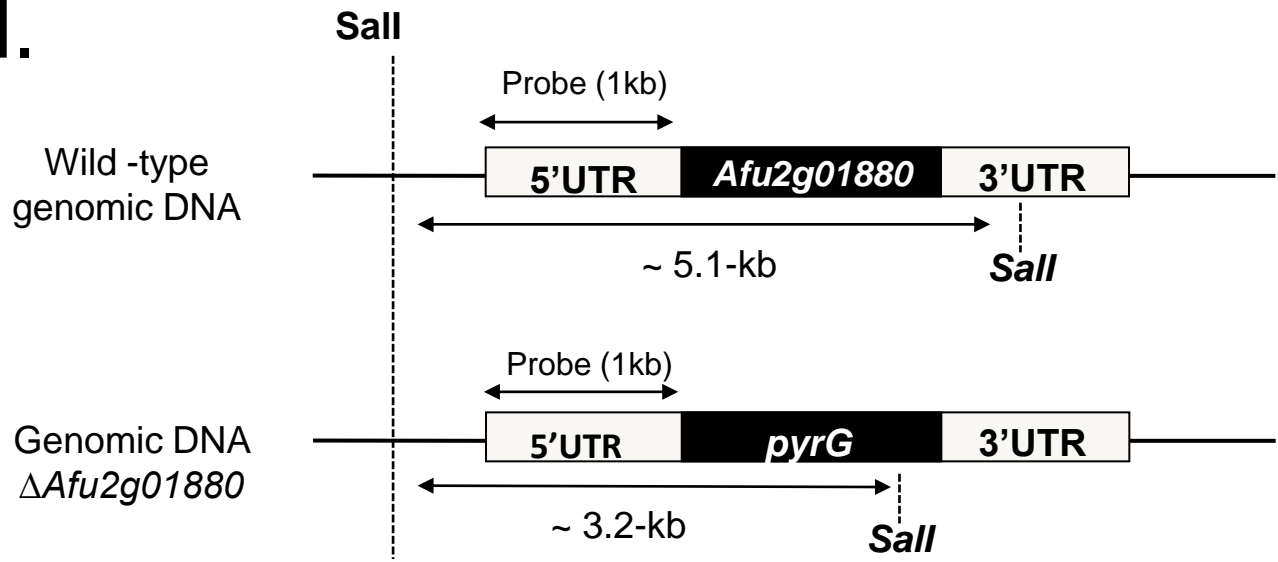
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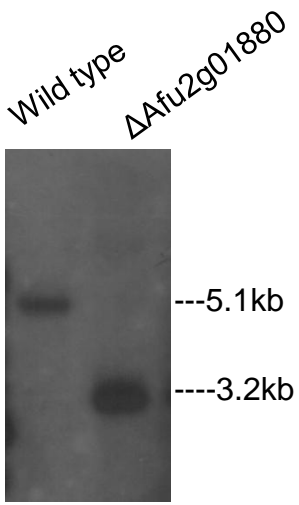
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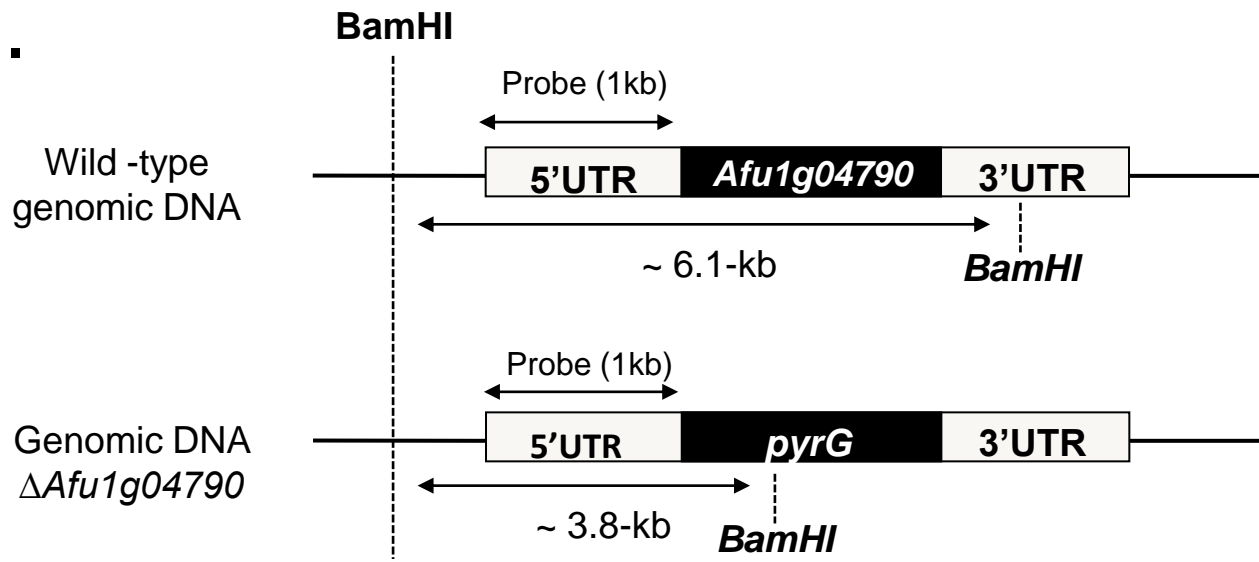
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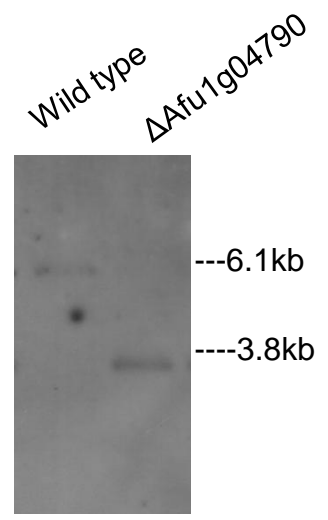
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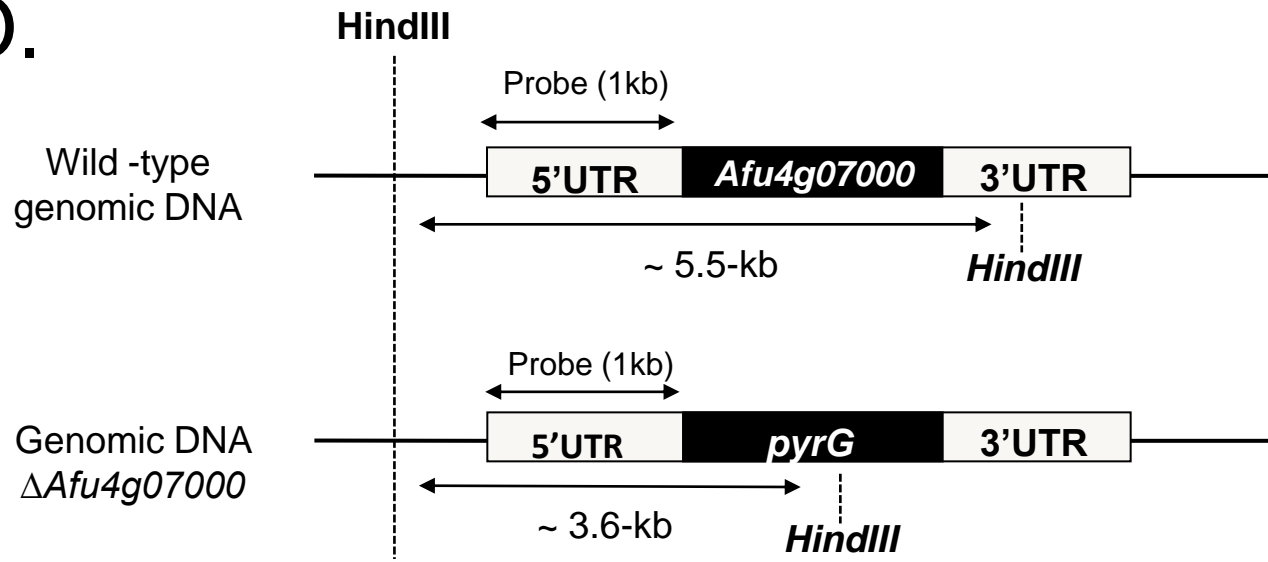
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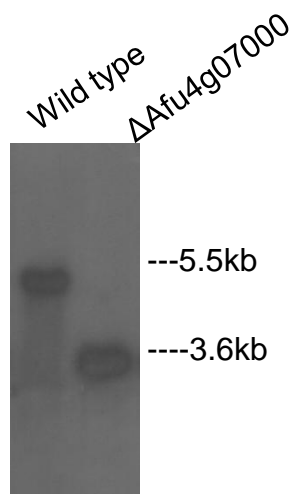
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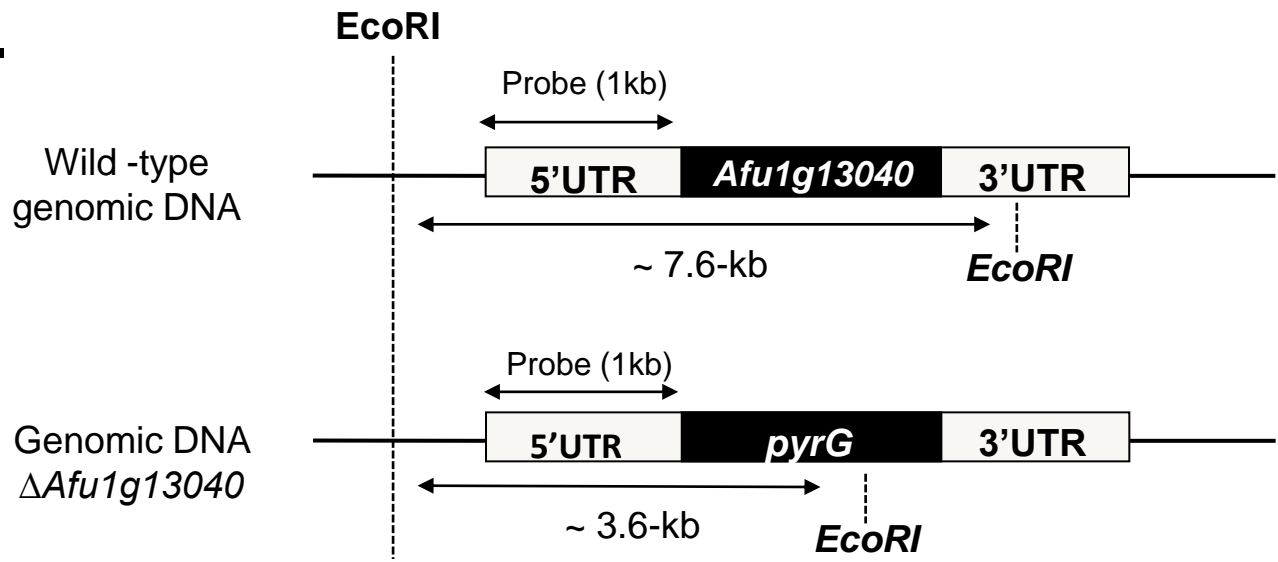
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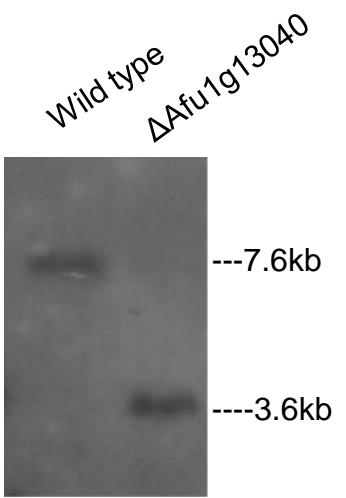
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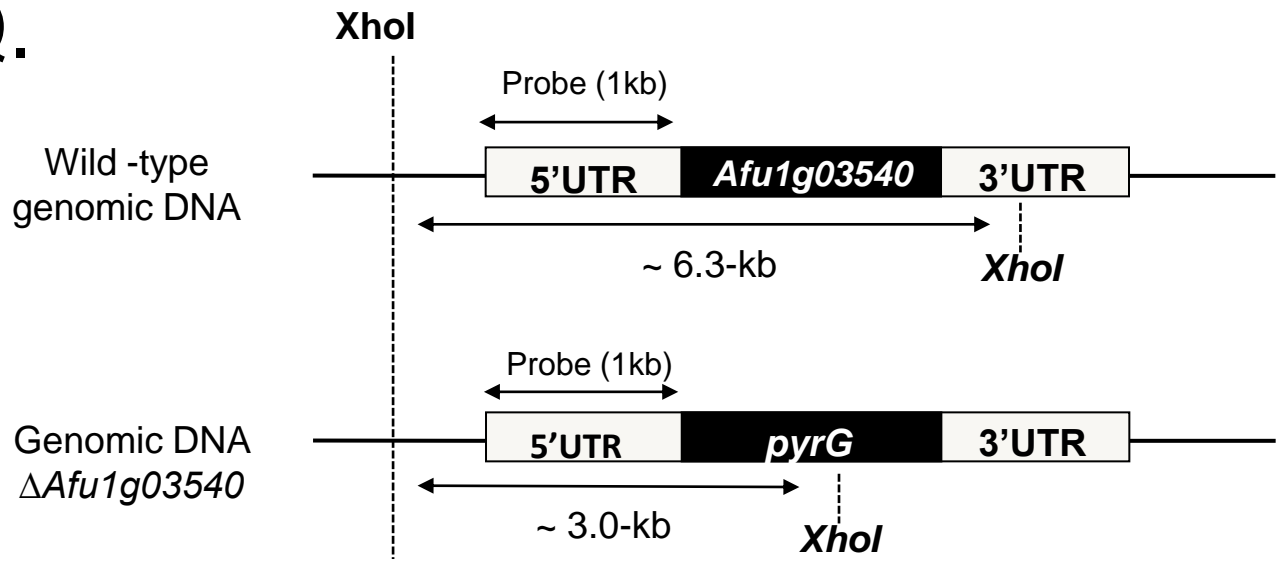
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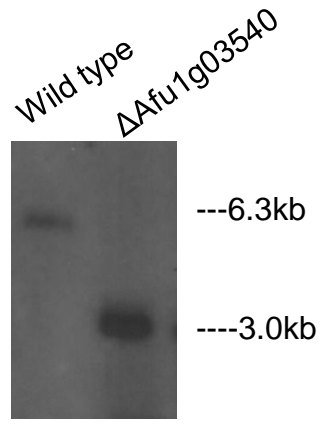
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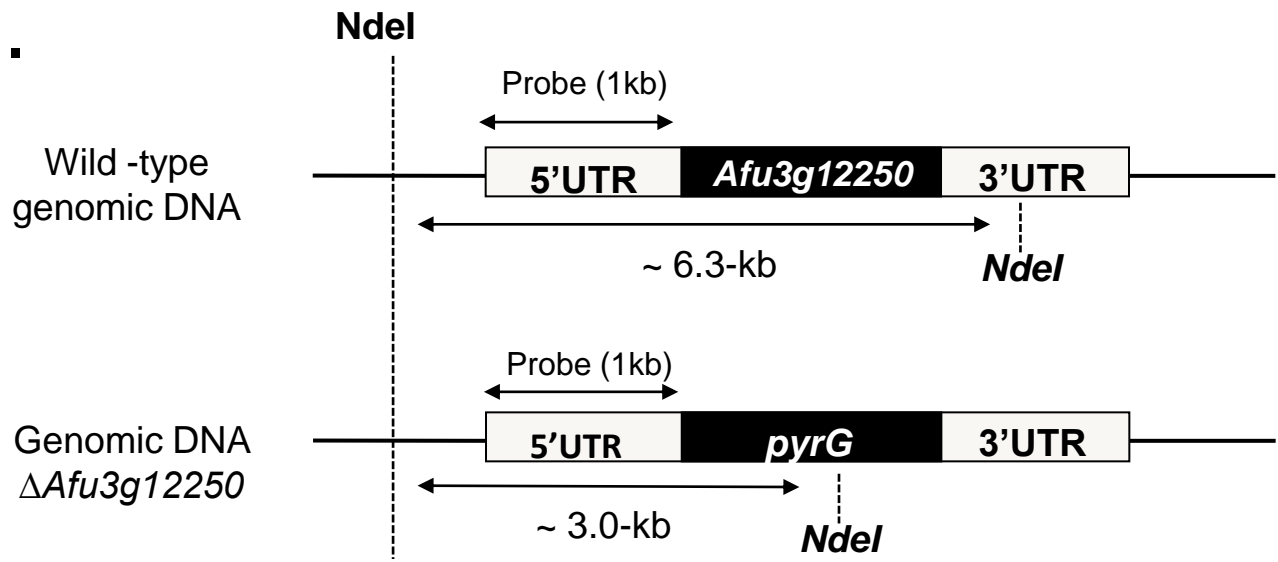
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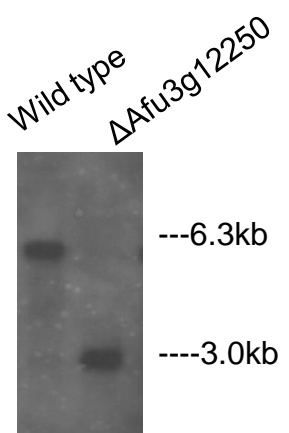
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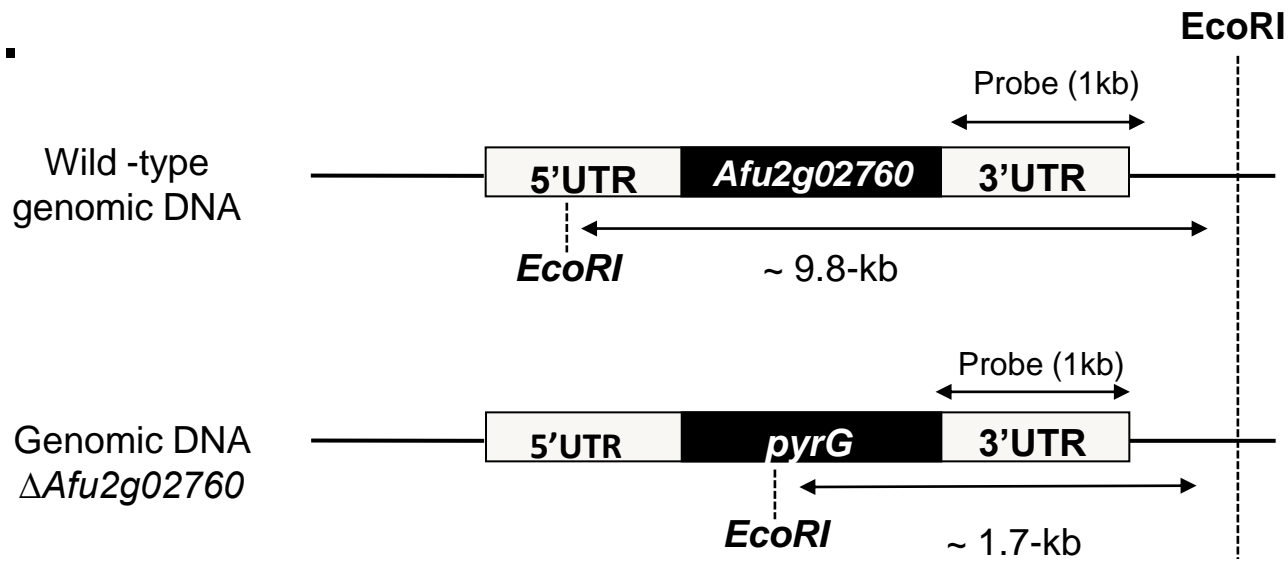
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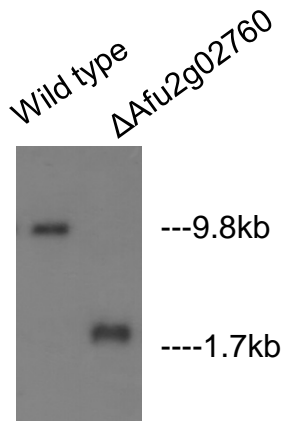
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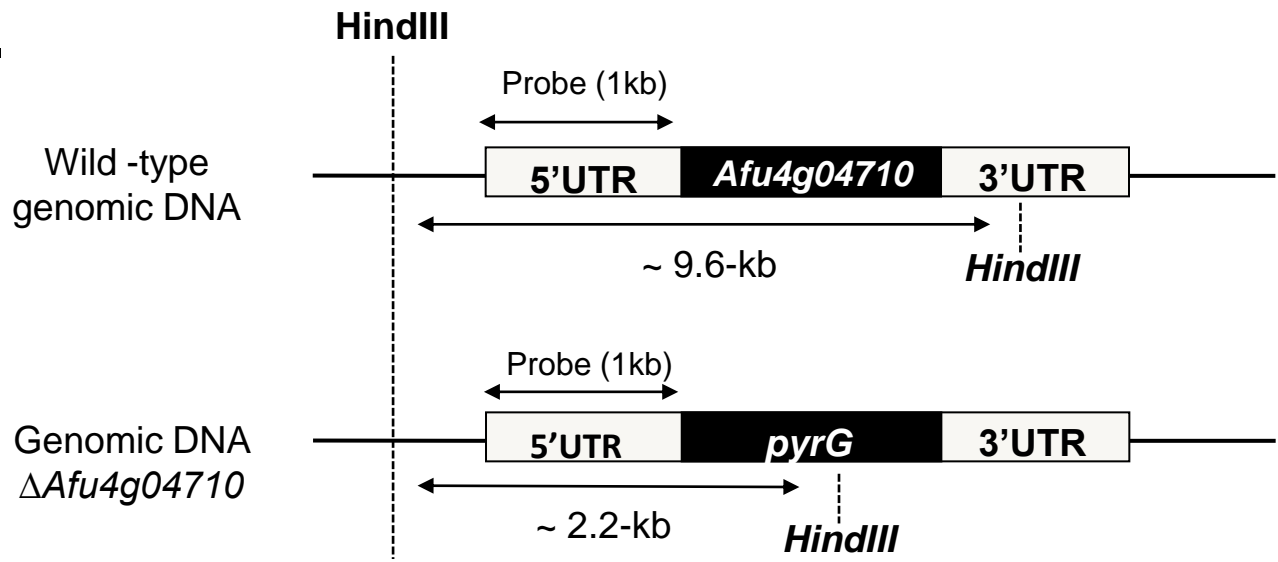
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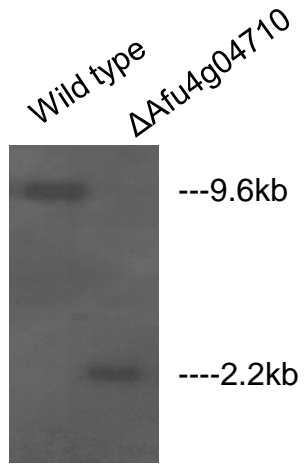
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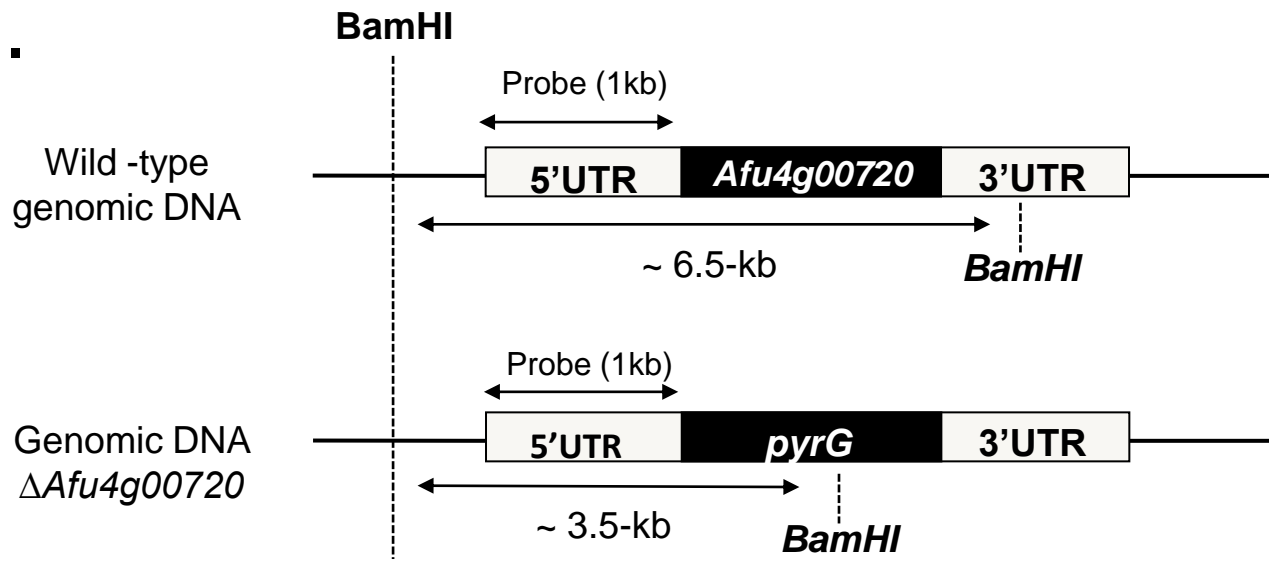
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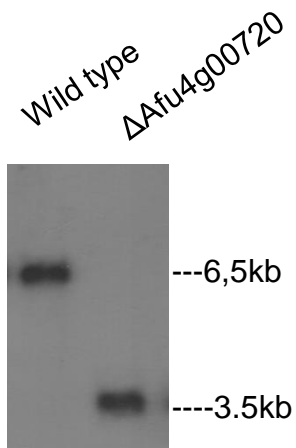
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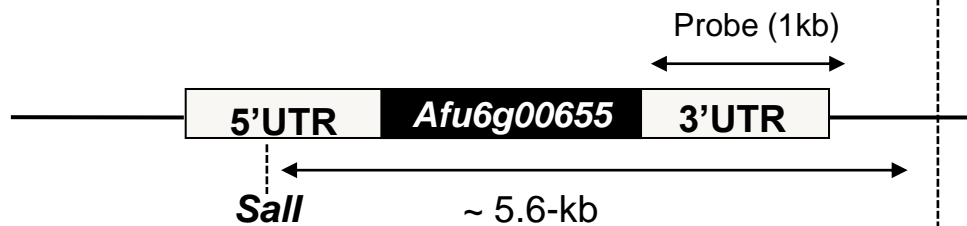
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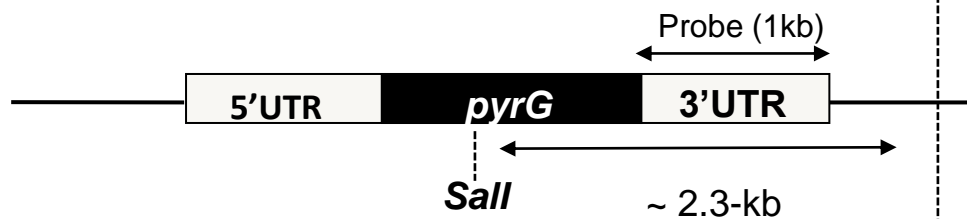
V.

Sall

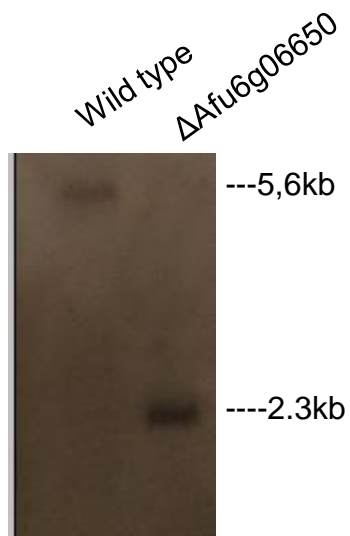
Wild -type
genomic DNA



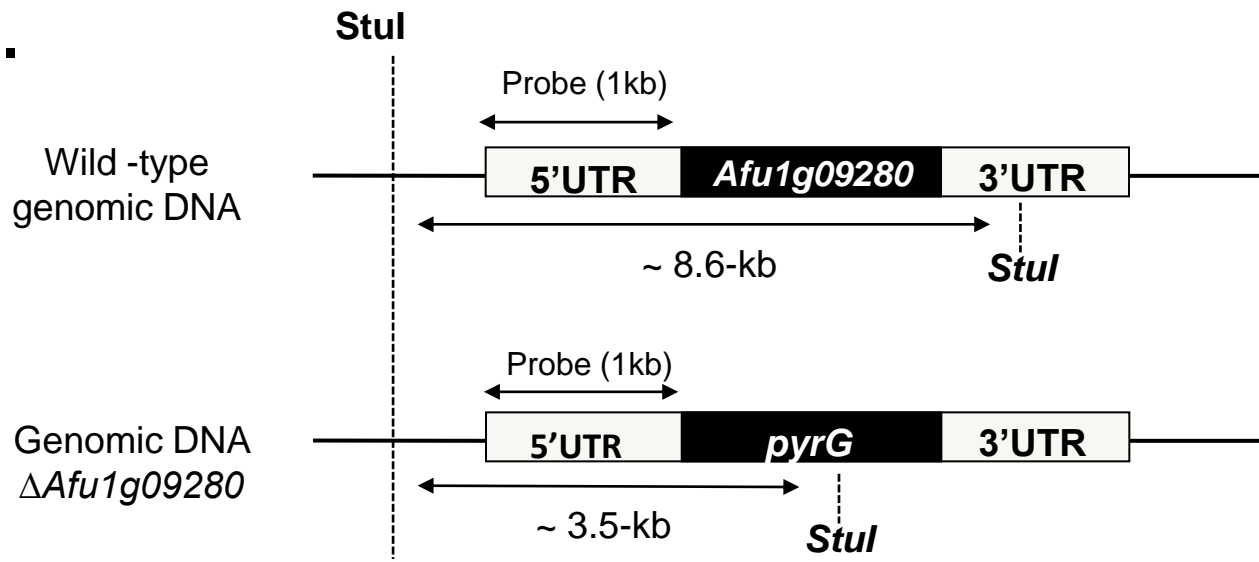
Genomic DNA
 Δ *Afu6g06650*



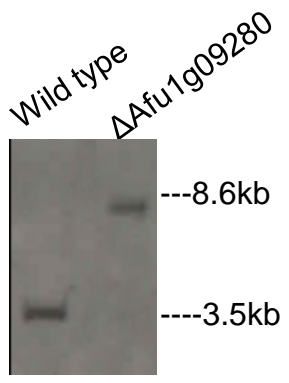
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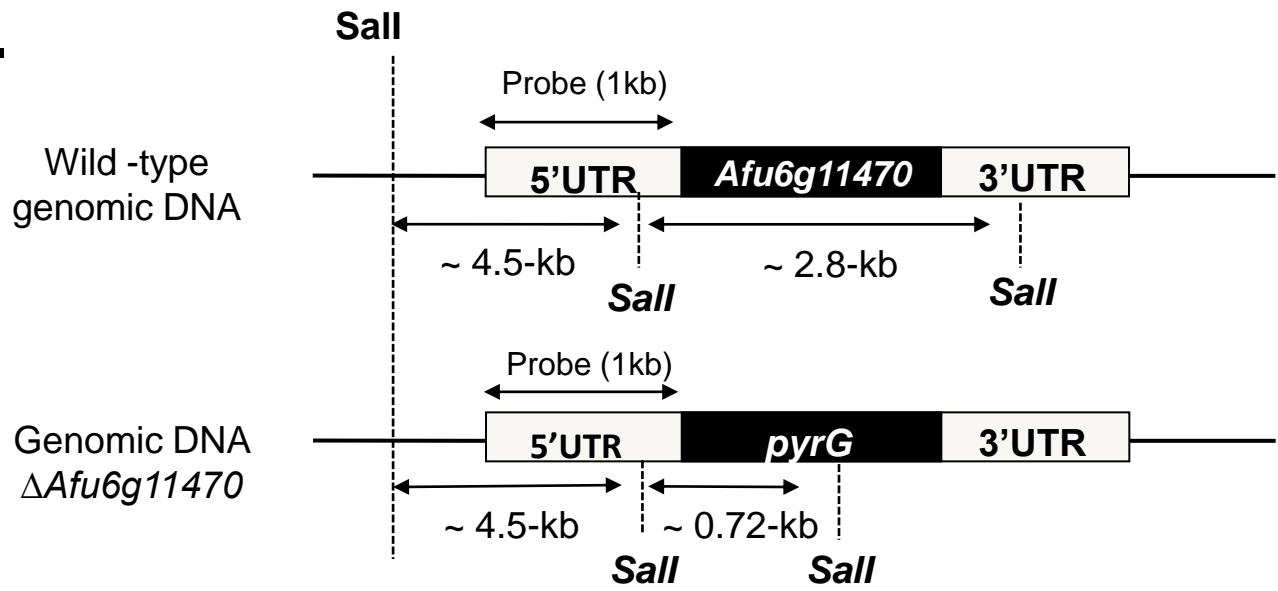
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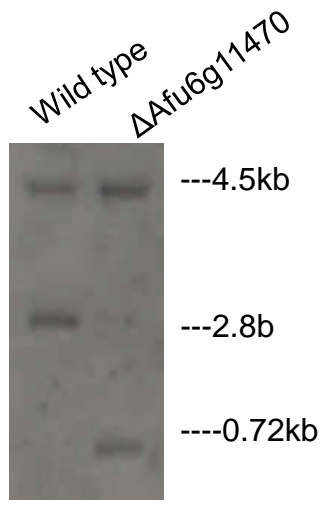
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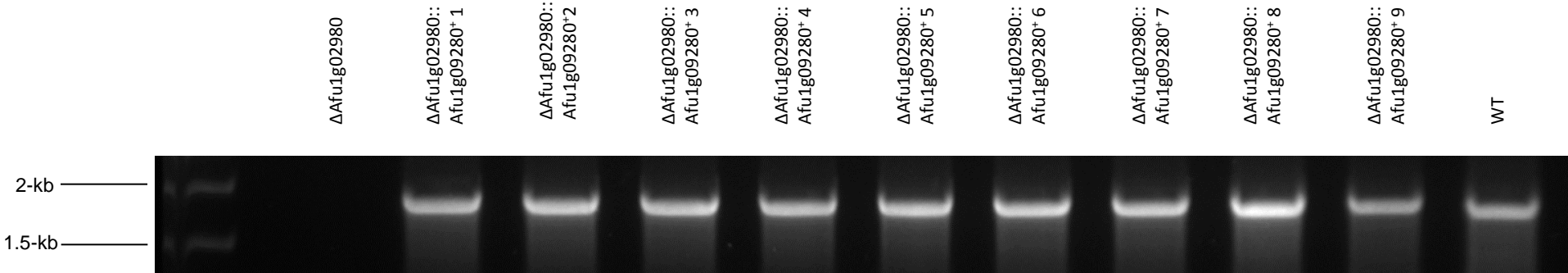
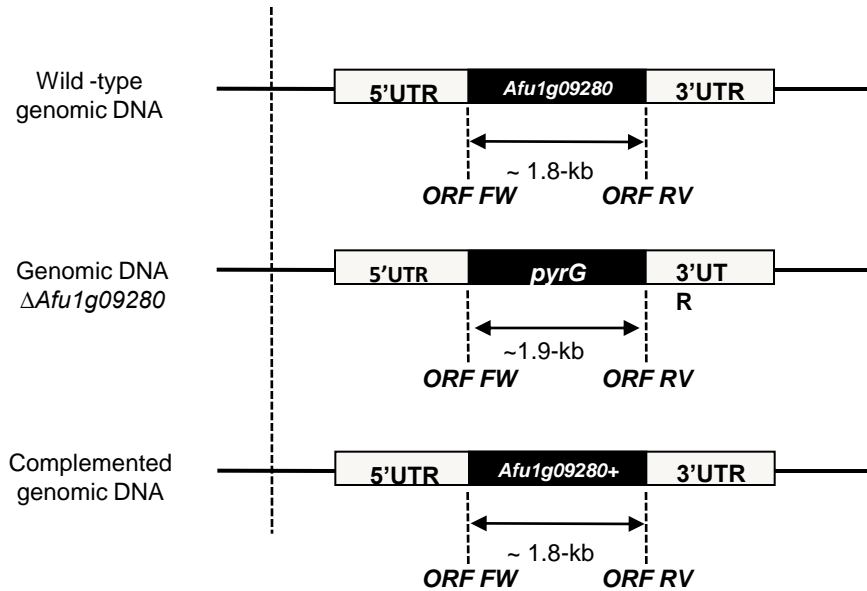
Y.



Afu6g11470



Complementation of delta *Afu1g09280*



Z.

Wild -type
genomic DNA



Addition of *niiA* promoter in
genomic DNA

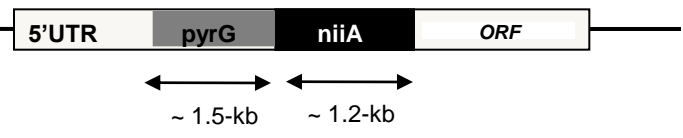


Figure S1 – Southern blot analysis for all the phosphatase deletion mutants (A to Y), Complementation analysis (W), and strategy to fuse *niiA* promoter to the essential genes (Z).

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