

Supplementary Material

Gene Delivery of Manf to Beta-Cells of the Pancreatic Islets Protects NOD Mice from Type 1 Diabetes Development

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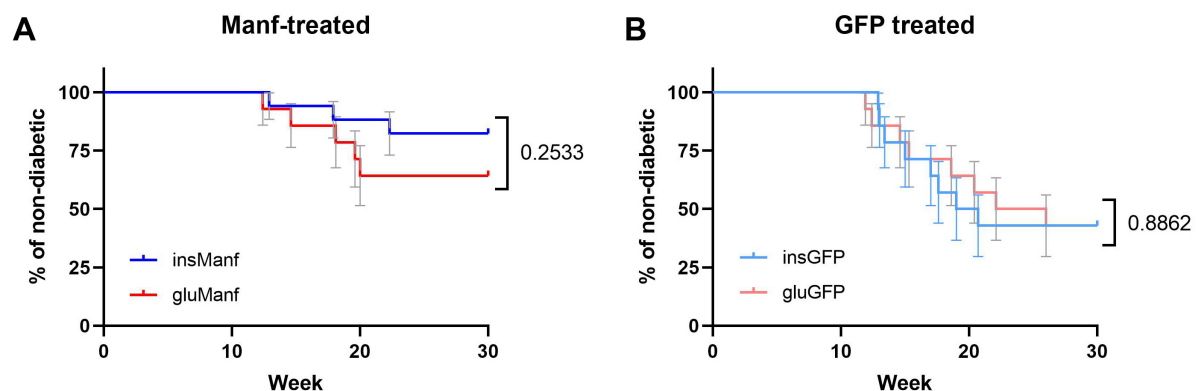
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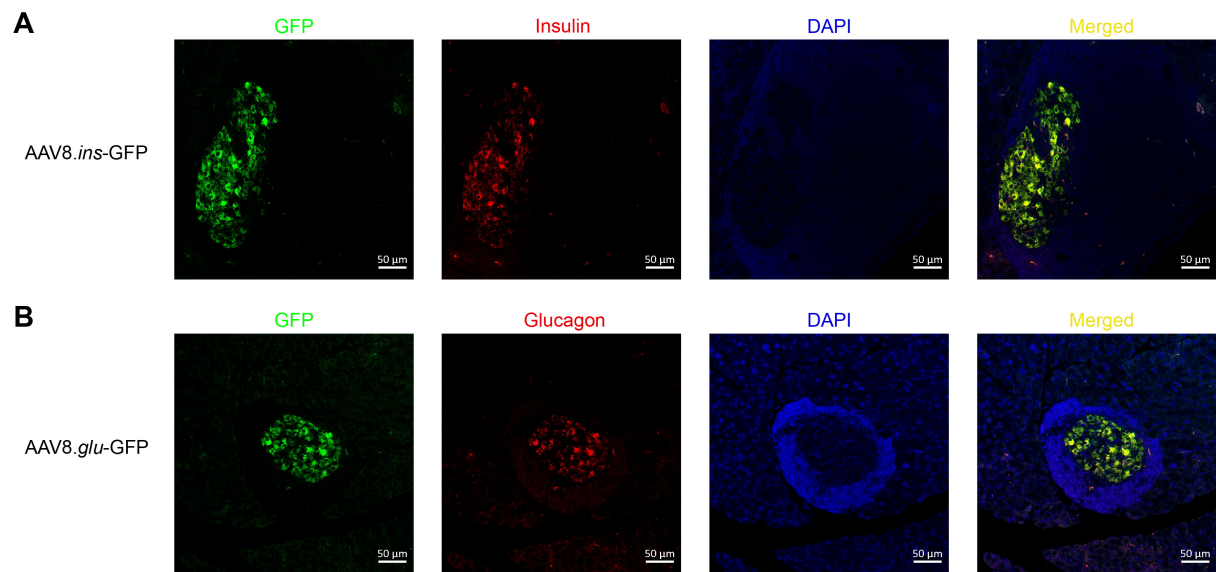
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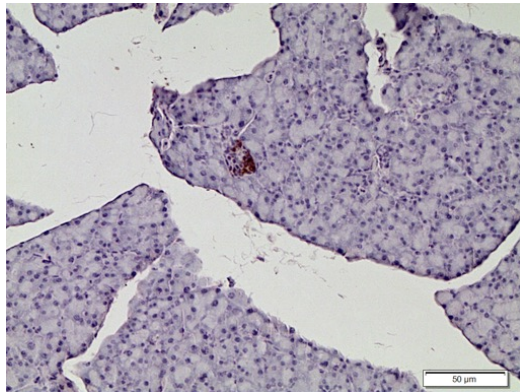


Supplementary Figure S1. Neither the treatment groups, AAV8.*ins*-Manf and AAV8.*glu*-Manf, (P-value of 0.2533) nor AAV8.*ins*-GFP and AAV8.*glu*-GFP (P-value of 0.8862) showed a significant difference.

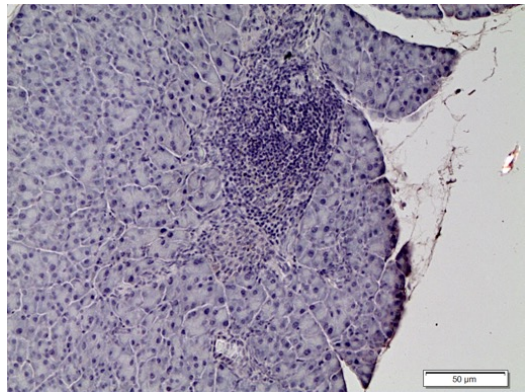


Supplementary Figure S2. Three to four slides of AAV8.*ins*-Manf (n=3), AAV8.*ins*-GFP (n=3), AAV8.*glu*-Manf (n=3) and AAV8.*glu*-GFP (n=3) treated mice were stained with antibodies; anti-GFP (green), insulin (red) or glucagon (red), and DAPI (blue).

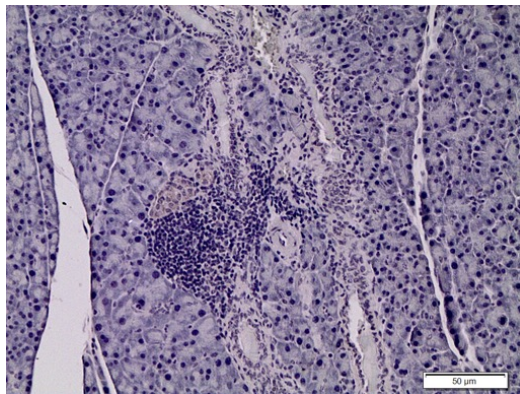
AAV8.ins-Manf



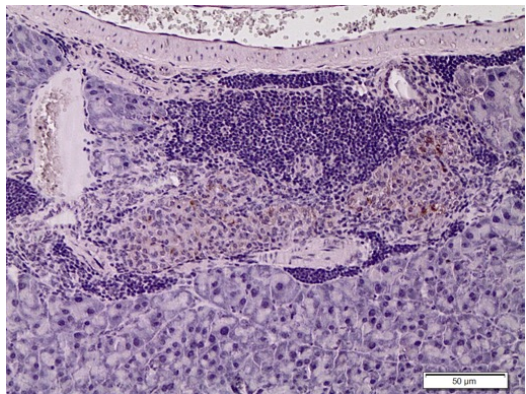
AAV8.ins-GFP



AAV8.glu-Manf



AAV8.glu-GFP



Supplementary figure S3. Representative images of pancreatic sections of AAV8.ins-Manf, AAV8.ins-GFP, AAV8.glu-Manf, and AAV8.glu-GFP treated mice. Brown color staining indicates insulin-positive cells.