

# Figure 1

Shared T2D-BP genetics:



Inverse  
T2D-BP  
risk

Metabolic  
Syndrome

Higher  
adiposity

Vascular  
dysfunction

Reduced  
beta-cell  
function

*Clustering of the T2D-BP genetic variants*

Colocalisation



**GTEx**

**ABOS**

**TIGER**

50 tissues

Enrichment in cCRE  
regions



222 cell types

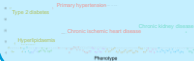
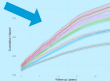
*Characterisation of  
the clustering*

Partitioned PGS

**biobank**



Prevalence (HbA1c) = 2.75%  
Prevalence (T2D) = 3.28%  
Prevalence (perforating) = 43.36%  
Controls



*Predictive value of  
the partitioned PGS  
from clustering*