A mouse beta cells
human beta cells

9905 genes

156 genes 1.49%
149 genes 1.41%
666 genes 6.30%

B

log RPKM in human beta cells →

C

PDX1 peaks per gene

mouse specific genes
common genes
human specific genes

D

% of peaks with a species-specific motif

mouse PDX1
human PDX1

Log2 ratio PDX1 binding (human/mouse)
PDX1, enriched in mouse
PDX1, enriched in human

E

chr X

mouse beta RNaseq
human beta RNaseq

GAD2

Prlr

Prkcb

* significantly enriched in, but not exclusive to beta cells of this species