

Supplementary Table S1. Pancreatic islet donor information. Donor characteristics and human pancreatic islet specifications: unique identifier, gender: male (M)/ female (F), age (years), BMI (kg/m²), HbA1c (%), origin/source, isolation centre, diabetes history, cause of death. islet viability (%) and purity (%).

Islet preparation	1	2	3	4	5
Unique identifier	HP-18144-01	HP-18151-01	HP-18270-01	HP-18304-01	HP-19256-01
Gender (M/F)	M	F	M	M	M
Donor age (years)	47	57	31	21	64
BMI (kg/m ²)	28.1	24.1	22.0	27.3	25.5
HbA1c (%)	5.8	5.8	5.5	5.4	5.4
Origin/source	UNOS	UNOS	UNOS	UNOS	UNOS
Isolation centre	Prodo Labs	Prodo Labs	Prodo Labs	Prodo Labs	Prodo Labs
Diabetes history	No	No	No	No	No
Cause of death	Head trauma	Stroke	Anoxic event	Head trauma	Stroke
Islet viability (%)	95	95	95	95	95
Islet purity (%)	85	90	90-95	85	90-95