

Electronic supplementary material**ESM Table 2** Characteristics of type 2 diabetic subjects

ID	Sex	Age (years)	BMI (kg/m²)	Cause of death	Treatment	Beta cell mass (mg)	Alpha cell mass (mg)
T2D 1	M	50	32.4	Congestive cardiomyopathy	Oral drug	546	243
T2D 2	M	52	20.2	Septic shock + myocardial infarction	Oral drug	506	338
T2D 3	F	54	20.5	Mesenteric infarction	Insulin + Oral drug	105	307
T2D 4	M	54	36.0	Mouth carcinoma + cardiogenic shock	Insulin	815	391
T2D 5	M	55	29.4	Subacute pericarditis + thromboembolism	Insulin	521	275
T2D 6	M	55	35.6	Lymphoma + septic shock	Insulin	972	627
T2D 7	F	56	45.8	Complications post orthopaedic surgery	Insulin + Oral drug	759	618
T2D 8	M	57	33.6	Intestinal infarction	Oral drug	1,362	817
T2D 9	M	58	34.7	Bacterial endocarditis + thromboembolism	Oral drug	1,105	837
T2D 10	F	59	28.3	Stroke	Insulin	816	587
T2D 11	M	59	32.6	Cardiopathy	Insulin	253	196
T2D 12	F	59	33.9	Sepsis	Insulin	840	288
T2D 13	M	61	24.5	Myocardial infarction	Insulin	392	215
T2D 14	M	62	25.4	Septic shock + pulmonary insufficiency	Oral drug	502	369
T2D 15	M	63	26.4	Bacterial endocarditis + thromboembolism	Oral drug	606	235
T2D 16	F	64	31.9	Ischaemic heart disease	Insulin	431	322
T2D 17	M	64	36.0	Myocardial infarction	Insulin	194	263
T2D 18	F	65	24.8	Myocardial infarction	Oral drug	345	359
T2D 19	F	65	43.0	Myocardial infarction	Oral drug	1,078	320
T2D 20	M	66	30.0	Stroke	Oral drug	513	379
T2D 21	F	66	34.1	Myocardial infarction	Oral drug	418	156
T2D 22	F	67	26.2	Stroke	Oral drug	280	130
T2D 23	F	67	38.5	Septic shock	Insulin	758	819
T2D 24	M	68	24.5	Post-surgical septic shock	Oral drug	361	426
T2D 25	M	69	27.3	Cardiogenic shock	Insulin	673	358
T2D 26	M	69	36.0	Stroke	Insulin	617	411
T2D 27	F	71	21.9	Stroke	Oral drug	270	102

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T2D 28	M	71	26.1	Myocardial infarction	Oral drug	532	437
T2D 29	M	71	40.9	Congestive heart failure	Oral drug	503	177
T2D 30	F	73	22.9	Myocardial infarction	Insulin	730	514
T2D 31	F	73	24.6	Myocardial infarction	Insulin	597	378
T2D 32	M	73	24.8	Myocardial infarction	Insulin	688	254
T2D 33	M	73	33.8	Dissection aortic aneurysm	Oral drug	585	536
T2D 34	F	73	34.5	Ventricular fibrillation	Oral drug	338	195
T2D 35	F	73	28.7	Sudden cardiac arrest	Insulin	478	338
T2D 36	F	73	54.2	Pneumonia	Insulin	760	240
T2D 37	F	74	48.3	Pneumonia	Insulin	246	154
T2D 38	M	75	16.3	Pneumonia	Oral drug	380	257
T2D 39	M	75	25.7	Sudden cardio-respiratory arrest	Insulin	757	420
T2D 40	F	75	27.5	Myocardial infarction + pulmonary thromboembolism	Insulin	704	522
T2D 41	F	78	23.7	Pulmonary embolism	Oral drug	258	154
T2D 42	M	78	32.7	Myocardial infarction	Oral drug	340	236
T2D 43	F	79	24.8	Stroke	Oral drug	704	255
T2D 44	M	81	25.7	Perforation of peptic ulcer + shock	Oral drug	685	677
T2D 45	M	81	27.7	Leukaemia + pulmonary embolism	Insulin	550	666
T2D 46	F	82	19.5	Disseminated intravascular coagulation	Oral drug	435	289
T2D 47	F	83	31.6	Myocardial infarction	Oral drug	656	251
T2D 48	F	84	19.5	Myocardial infarction	Insulin	468	443
T2D 49	M	85	29.4	Pulmonary thromboembolism	Insulin	509	390
T2D 50	F	86	28.9	Pulmonary embolism	Insulin	396	152

M, male; F, female