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Glycosylation signatures of type 2 diabetes complications and metabolic syndrome

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Appendix

A

Abbreviations

English Summary

Nederlandse Samenvatting

چکیده فارسی

Curriculum Vitae

Publications

Acknowledgements

Abbreviations

ACN	Acetonitrile
Asn	Asparagine
BMI	Body Mass Index
CAD	Carbamoyl-Phosphate Synthetase 2, Aspartate transcarbamylase, and Dihydroorotase
CDG	Congenital Disorders of Glycosylation
CE	Capillary Electrophoresis
CGE	Capillary Gel Electrophoresis
CHD	Coronary Heart Disease
CKD	Chronic Kidney Disease
CRP	C-reactive Protein
CVD	Cardiovascular Disease
DBP	Diastolic Blood Pressure
DBS	Dried Blood Spot(s)
DCS	(Hoorn) Diabetes Care Study
DMSO	Dimethyl Sulfoxide
EDTA	Ethylenediamine Tetraacetic Acid
EFLM	European Federation of Laboratory Medicine
EMA	European Medicines Agency
ER	Endoplasmic Reticulum
FDA	Food and Drug Administration
FDR	False discovery rate
FPG	Fasting Plasma Glucose
FTICR	Fourier-transform Ion Cyclotron Resonance
Fuc	Fucose
Gal	Galactose
GC	Gas Chromatography
GDM	GenoDiabMar
GlcNAc	N-acetylglucosamine
HAc	Acetic Acid
HbA1c	Hemoglobin A1c [OR Glycated Hemoglobin]
HDL-c	HDL-cholesterol
HILIC	Hydrophilic Interaction Liquid Chromatography
HILIC-UHPLC-FLR	ultra-high-performance liquid chromatography based on hydrophilic interactions and fluorescence detection
HNF1A	Hepatocyte Nuclear Factor-1 Alpha

HS	Healthy Sample
IBD	Inflammatory Bowel Disease
IBD	Ischaemic brain disease
IgG	Immunoglobulin G
IHD	Ischaemic heart disease
LC	Liquid Chromatography
MALDI	Matrix-Assisted Laser Desorption/Ionization
Man	Mannose
MetS	Metabolic Syndrome
MODY	Maturity-Onset Diabetes of the Young
MS	Mass Spectrometry
Neu5Ac	N-acetylneuraminic Acid
NMR	Nuclear Magnetic Resonance
Non-HDL-c	Cholesterol value minus HDL cholesterol
OGTT	Oral Glucose Tolerance Test
PAD	Peripheral artery disease
PBS	Phosphate-Buffered Saline
PGC	Porous Graphitized Carbon
RP	Reversed-phase
SBP	Systolic Blood Pressure
SDS	Sodium Dodecyl Sulfate
SHS	Suboptimal Health Status
T1D	type 1 diabetes
T2D	Type 2 diabetes
TG	Triglycerides
TOF	Time-of-Flight
TPNG	Total plasma <i>N</i> -glycome
UHPLC	Ultra-high Performance Liquid Chromatography
UPLC	Ultra Performance Liquid Chromatography
VLDL-c	Very Low-Density Lipoprotein cholesterol
WHO	World Health Organization
WHtR	Waist-to-Height Ratio
2-AB	2-Aminobenzamide
2-PB	2-Picoline Borane