

SUPPLEMENTARY DATA

Study Site Information:

Contributors

- **Manchester:** Hassan Fadavi, Uazman Alam, Omar Asghar, Patrick Green, Georgios Ponirakis, Andrew J Marshall
- **Brisbane:** Katie Edwards, Cirous Dehghani, Anthony W Russell
- **Utah:** Gene Kim, Krista Kinard, Margaret Lessard, Mark Mifflin
- **Calgary:** Jean K Mah, William F Astle, Linda L Cooper, Claire Gougeon, Heidi Virtanen, Christine Millar, Charlene Gillis, Heather Sandusky
- **Düsseldorf:** Nikolaos Papanas¹, Iris Ziegler¹, Alexander Strom¹, Stephan Allgeier³, Karsten Winter⁴, Sabine Peschel⁵, Bernd Köhler⁶, Oliver Stachs⁵, Michael Roden^{1,2}, Rudolf F. Guthoff⁵

¹Institute for Clinical Diabetology, German Diabetes Center at Heinrich Heine University, Düsseldorf, Germany

²Department of Endocrinology and Diabetology, University Hospital, Düsseldorf, Germany

³Institute for Applied Computer Science and Automation, Karlsruhe Institute of Technology, Karlsruhe, Germany

⁴Translational Centre for Regenerative Medicine, University of Leipzig, Leipzig, Germany.

⁵Department of Ophthalmology, University of Rostock, Rostock, Germany

⁶Institute for Applied Computer Science, Karlsruhe Institute of Technology, Karlsruhe, Germany