

ADDITIONAL FILE 1

Additional file 1 HPLC-fluorescence chromatograms of LW-1 eluting from a 15 cm X 2.1 mm, 3 μ m Discovery HS C18 column. For the standard, LW-1 ~ 6 pmoles was injected in a 10 μ l volume. For DCCT samples, including the nondiabetic, digests of insoluble collagen prepared from skin biopsies were injected onto the HPLC in 14 μ l volumes, each containing ~ 61 to 69 μ g collagen. The low and high quality controls (LQC and HQC) consists of collagen digests prepared from autopsied skin samples from a 22 and 38 year-old patient, respectively (see Methods). The former died from meningitis while the latter died from ESRD secondary to type 1 diabetes. Totals of 64 μ g collagen in 10 μ l were injected onto the HPLC column. Peaks eluting > 100 minutes represent column washing and equilibration (see Methods).

