

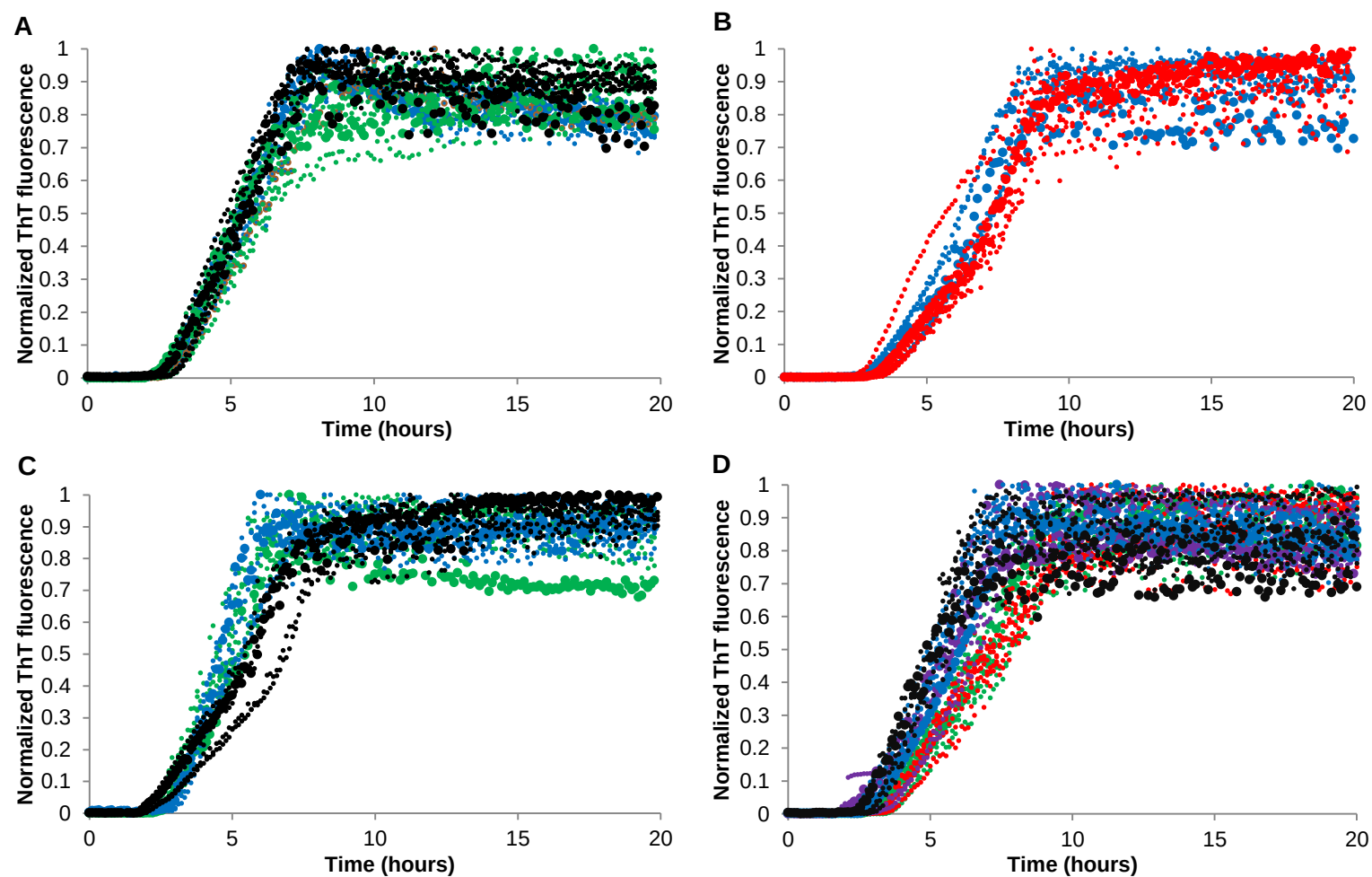


Fig S4. Fibrillation kinetics of insulin incubated in the presence of degradation products of aloin. Normalized fibrillation curves of insulin in the presence of (A) 2 % DMSO (green), 400 μ M aloin in DMSO (black) and 400 μ M aloin heated 10 minutes in DMSO (blue). (B) 0.4 % EtOH (red), aloin incubated 1 week in PBS buffer (blue), (C) 2 % DMSO (green), 400 μ M aloe-emodin (blue) or 400 μ M D-glucose (black), (D) 2 % DMSO (green), 2 % CH_2Cl_2 (purple), the CH_2Cl_2 phase of a 3 weeks old 400 μ M aloin solution incubated with CH_2Cl_2 (blue) and the dried CH_2Cl_2 phase reconstituted in DMSO (black). Fibrillation conditions: ThT assay, pH 7.4.