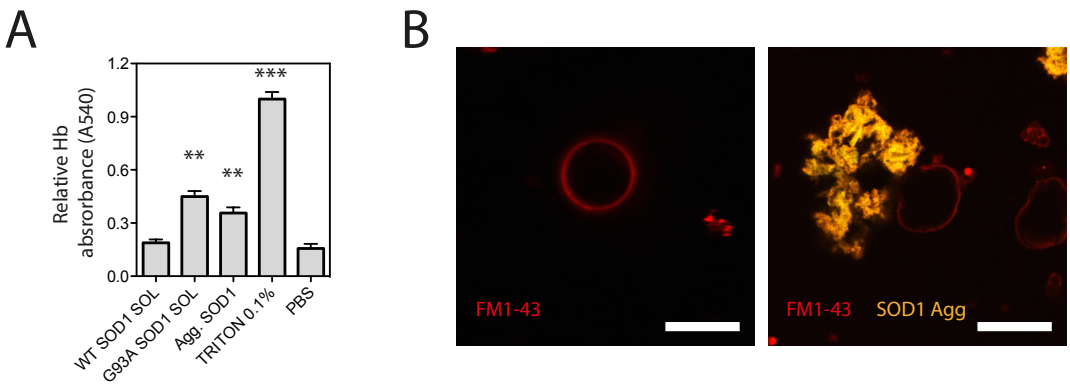

Additional File 5. Disruption of membrane structure by SOD1 aggregates. (A) SOD1 was added to human red blood cells and membrane disruption quantified as free hemoglobin (A540). Mutant SOD1 induced the most membrane damage while aggregates of wt and G93A SOD1 induced significant membrane disruption. Results shown as means ± SD, n =6, * p <0.05. (B) Unilamellar vesicles were formed from L-α-phosphatidylcholine and aggregates were added to preformed vesicles. Unilamelar vesicles were spherical in shape and contact with aggregates distorted and disrupted the vesicles.