



Supplementary File 4: Respiratory chain deficiency in ageing *PolgA^{mut/mut}* mouse colon. (a) COX/SDH histochemistry on 3 month old *PolgA^{mut/mut}* mouse colon. (b): COX/SDH histochemistry on 12 month old *PolgA^{mut/mut}* mouse colon. Crypts stained brown are positive for COX activity, those stained blue are COX deficient and those stained purple/grey display intermediate COX deficiency. (c): Mean incidence (\pm SEM) of COX deficient colonic crypts in 3, 6, 9 and 12 month old *PolgA^{mut/mut}* mice.