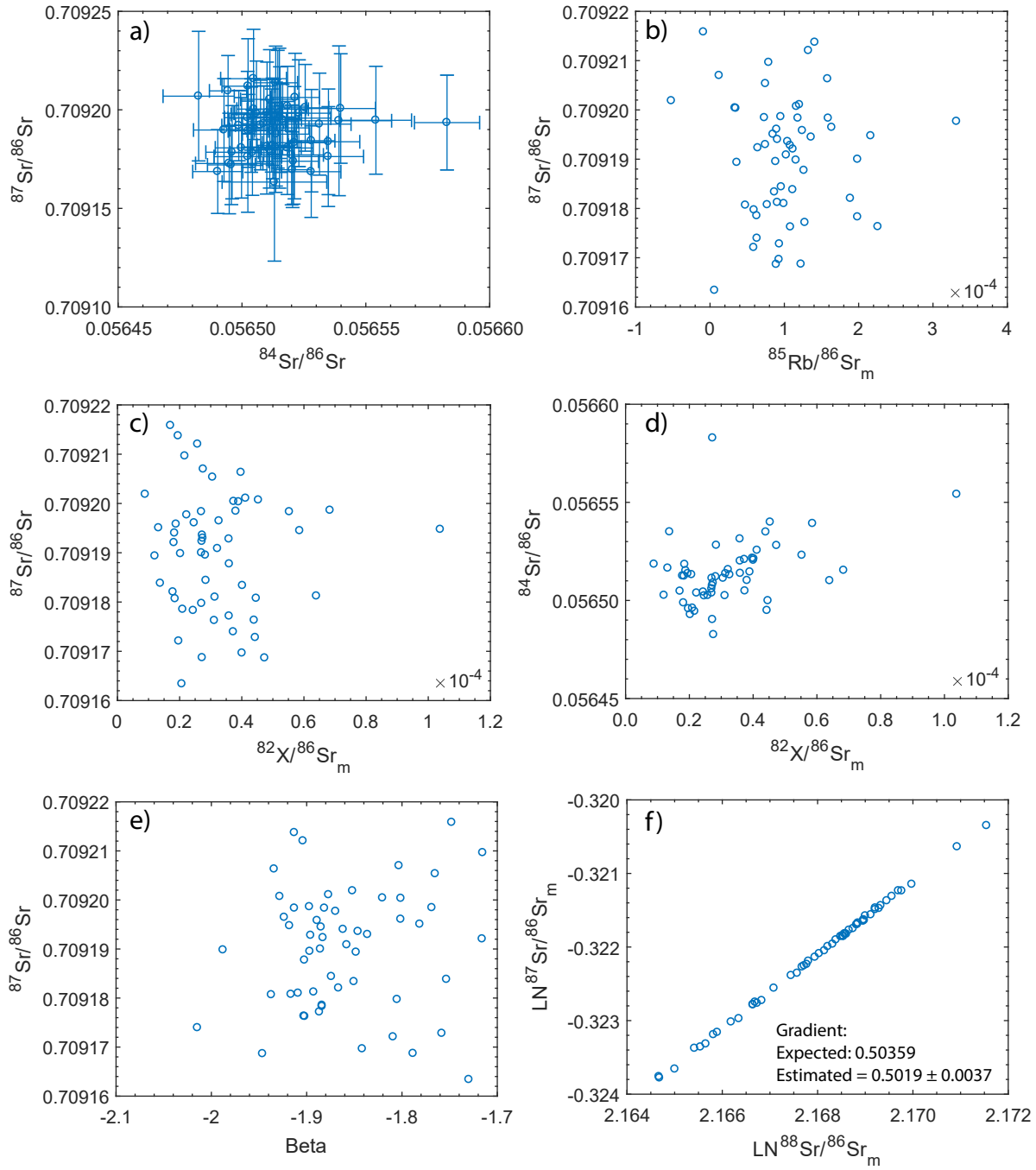


Figure S2. Summary of laser ablation MC-ICPMS Neoma measurements of Sr isotopic composition of a modern shark enamel with H-type cones; a) $^{87}Sr/^{86}Sr$ vs. $^{84}Sr/^{86}Sr$; b) Measured $^{85}Rb/^{86}Srm$ vs. $^{87}Sr/^{86}Sr$; c) $^{87}Sr/^{86}Sr$ vs. $^{82}X/^{86}Sr$ Ca dimer/argide monitor; d) $^{84}Sr/^{86}Sr$ vs. $^{82}X/^{86}Sr$; e) $^{87}Sr/^{86}Sr$ vs. beta fractionation factor; f) Natural logs of the measured $^{84}Sr/^{86}Sr_m$ vs. natural log of the measured $^{88}Sr/^{86}Sr_m$ comparing the estimated gradient with the gradient predicted by the exponential mass bias law. Gradient uncertainty is 2SD. Subscript m denotes ratios corrected for amplifier gains, baseline, and interferences.