



**FIGURE S1. Expression of *Aanat*, *Hiomt*, *Mt1*, *Mt2*, and *Sox9* mRNA in chick cartilage.** Tissues from embryonic day 18.5 chick embryos (n = 1–2) were harvested in ISOGEN. Total RNA was isolated and further purified with RNeasy spin columns. *Aanat*, *Hiomt*, *Mt1*, *Mt2*, and *Sox9* mRNA was detected in isolates from cartilage and other tissues [cartilage (copies/ $\mu\text{g}$  RNA): *Aanat*,  $3.19 \pm 0.11 \times 10^4$ ; *Hiomt*,  $7.27 \pm 0.62 \times 10^4$ ; *Mt1*,  $1.06 \pm 0.011 \times 10^4$ ; *Mt2*,  $2.2 \pm 0.14 \times 10^4$ ; *Sox9*,  $3.22 \pm 0.092 \times 10^6$ ]. Data represent mean  $\pm$  SD (n = 3).