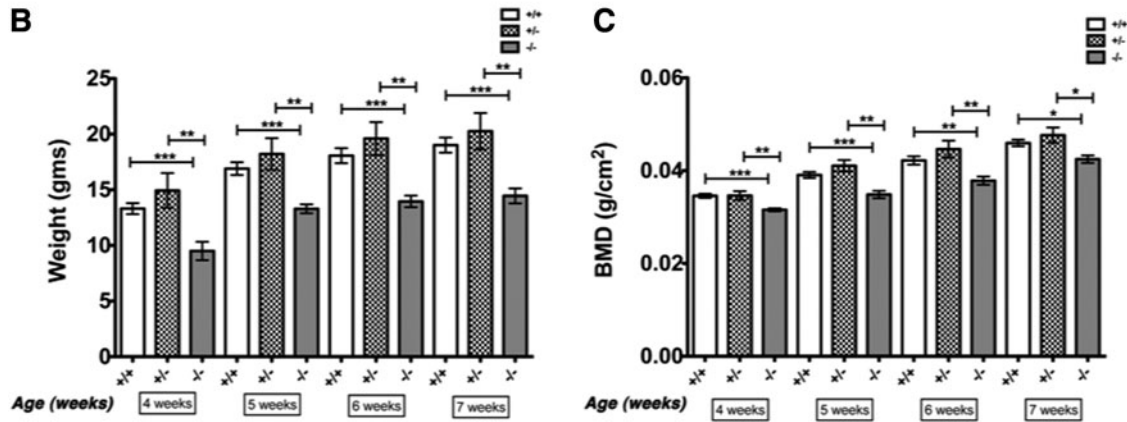


A

One-way analysis of variance	
P value	< 0.0001
P value summary	***
Are means signif. different? (P < 0.05)	Yes
Number of groups	4
F	16.93
R square	0.1210

Bonferroni's Multiple Comparison Test	Mean Diff.	t	Significant? P < 0.05?	Summary	95% CI of diff.
Male SHIP ^{flx/flx} vs Male OsxCreSHIP ^{flx/flx}	2.797	3.961	Yes	***	1.099 to 4.495
Male OsxCreSHIP ^{flx/flx} vs Female SHIP ^{flx/flx}	0.6060	0.9426	No	ns	-0.9401 to 2.152
Female SHIP ^{flx/flx} vs Female OsxSHIP ^{flx/flx}	1.693	2.559	Yes	*	0.1020 to 3.284



SUPPLEMENTARY FIG. S1. MSC and osteolineage progenitors (MS/PC)-specific ablation of Src homology 2-domain-containing inositol 5'-phosphatase 1 (SHIP1) expression retards growth and reduces bone mass. **(A)** ANCOVA followed by post hoc Bonferroni's Multiple Comparison Test to analyze differences in growth retardation in OSXCreSHIP^{flx/flx} in comparison to SHIP^{flx/flx}. **(B)** Body weight and **(C)** whole-body bone mineral density (BMD) by DEXA analysis of 4–7-week-old SHIP^{flx/flx} (+/+), OSXCreSHIP^{flx/+} (+/-) and OSXCreSHIP^{flx/flx} (-/-) mice; ($n \geq 6$, \pm SEM *** $P \leq 0.0001$, ** $P \leq 0.001$ and * $P \leq 0.05$ Student's unpaired, two-tailed t -test). Note: Data represent pooled male and female SHIP^{flx/flx} (+/+), OSXCreSHIP^{flx/+} (+/-) and OSXCreSHIP^{flx/flx} (-/-) mice. No significant differences were observed in both weight and whole-body BMD in age-matched male or female SHIP^{flx/flx} and OSXCreSHIP^{flx/+} mice.