

Supplemental movies

Supplemental Movie 1: Femur from a 20-week-old ColI/Rs1-lateCon mouse that received RS67333 continuously for 10 weeks shows a dramatic expansion of trabecular bone that encases the normal pre-existing bone structures.

Supplemental Movie 2: Femur from a 20-week-old wildtype littermate mouse that received RS67333 continuously for 10 weeks shows no bony effects of drug treatment.

Supplemental Movie 3: Femur from a 20-week-old ColI/Rs1-late mouse that received vehicle only for 10 weeks.

Supplemental Movie 4: Femur from a 20-week-old wildtype littermate mouse that received vehicle only for 10 weeks.