

Supplemental Table 1
Biochemical analyses

Analysis	Method	CV
S-BAP	Enzymatic, ELISA	10%
P-Osteocalcin	Sandwich immunometric assay	3%
P-P1NP	Sandwich immunometric assay	4%
P-CTx	Sandwich immunometric assay	5%
S-NTx	Competitive immunometric assay	10%

Supplemental Table 2
Biochemical changes (relative to placebo)

	wk 4	RSV _{low} wk 8	wk 16	wk 4	RSV _{high} wk 8	wk16
OPG, pmol/l	-0.2 ± 0.4	0.4 ± 0.3	-0.2 ± 0.3	0.3 ± 0.4	0.1 ± 0.3	-0.2 ± 0.3
NTx, nmol/l	1.0 ± 0.8	0.2 ± 0.7	0.5 ± 0.8	0.8 ± 0.8	-0.3 ± 0.9	-0.1 ± 1.3
U-Ca, mmol/l	0.1 ± 0.6	-0.1 ± 0.7	-0.1 ± 0.5	0.9 ± 0.5	-0.4 ± 0.5	0.0 ± 0.6
ALT, U/l	1.8 ± 3.3	3.2 ± 3.8	5.5 ± 4.7	4.6 ± 4.1	3.0 ± 4.5	4.0 ± 4.6
Bilirubin, µmol/l	0.6 ± 0.9	-0.3 ± 0.9	0.9 ± 1.1	0.9 ± 1.0	-0.5 ± 0.9	1.3 ± 0.9
Creatinin, µmol/l	1.6 ± 1.8	2.3 ± 1.7	1.4 ± 1.4	-0.2 ± 1.9	-0.2 ± 2.0	0.2 ± 1.5

Data are expressed as mean ± SEM. Differences between groups were evaluated by unpaired Students t-test, and no significant differences were found.