

**Table S4** The percentages of Alu methylation levels in each position of CpG and mean of all CpG in normal, osteopenia, and osteoporosis cases.

cases	CpG Alu methylation				
	CpG position 1	CpG position 2	CpG position 3	CpG position 4	all CpG mean
<b>normal</b>	38.01±0.48	29.37±0.23	20.41±0.30	38.57±0.44	31.59±0.25
<b>osteopenia</b>	36.80±0.27	28.59±0.30	20.22±0.21	38.15±0.48	31.01±0.27
<b>osteoporosis</b>	35.71±0.37	28.29±0.28	20.15±0.30	38.55±0.64	30.67±0.29