Supplementary materials: High Levels of Circulating Type II Collagen Degradation Marker (CTx-II) are Associated with Specific VDR Polymorphisms in Patients with Adult Vertebral Osteochondrosis

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Figure S1. 25hydroxyvitamin D (25(OH)D) (A), cross-linked C-telopeptides of type I collagen (CTx-I) (B) and cross-linked C-telopeptides of type II collagen (CTx-II) (C) plasma concentrations in all subjects (light grey plots) and in all controls (white plots) and all cases (deep grey plots), distributed according to FokI VDR genotypes/alleles. The box and whisker plots show the median, 25th and 75th percentile (interquartile) (the box) and minimum and maximum value (the whiskers).

* p < 0.05. ** p < 0.01. § indicates a tendency.
**Figure S2.** 25-hydroxyvitamin D (25(OH)D) (A), cross-linked C-telopeptides of type I collagen (CTX-I) (B) and cross-linked C-telopeptides of type II collagen (CTX-II) (C) plasma concentrations in all subjects (light grey plots) and in all controls (white plots) and all cases (deep grey plots), distributed according to BsmI VDR genotypes/alleles. The box and whisker plots show the median, 25th and 75th percentile (interquartile) (the box) and minimum and maximum value (the whiskers). *p < 0.05. § indicates a tendency.
Figure S3. 25-hydroxyvitamin D (25(OH)D) (A), cross-linked C-telopeptides of type I collagen (CTx-I) (B) and cross-linked C-telopeptides of type II collagen (CTx-II) (C) plasma concentrations in all subjects (light grey plots) and in all controls (white plots) and all cases (deep grey plots), distributed according to TaqI VDR genotypes/alleles. The box and whisker plots show the median, 25th and 75th percentile (interquartile) (the box) and minimum and maximum value (the whiskers). *p < 0.05. § indicates a tendency.
Figure S4. 25hydroxyvitamin D (25(OH)D) (A), cross-linked C-telopeptides of type I collagen (CTx-I) (B) and cross-linked C-telopeptides of type II collagen (CTx-II) (C) plasma concentrations in all subjects (light grey plots) and in all controls (white plots) and all cases (deep grey plots), distributed according to Apal VDR genotypes/alleles. The box and whisker plots show the median, 25th and 75th percentile (interquartile) (the box) and minimum and maximum value (the whiskers). *p < 0.05. ** p < 0.01. § indicates a tendency.