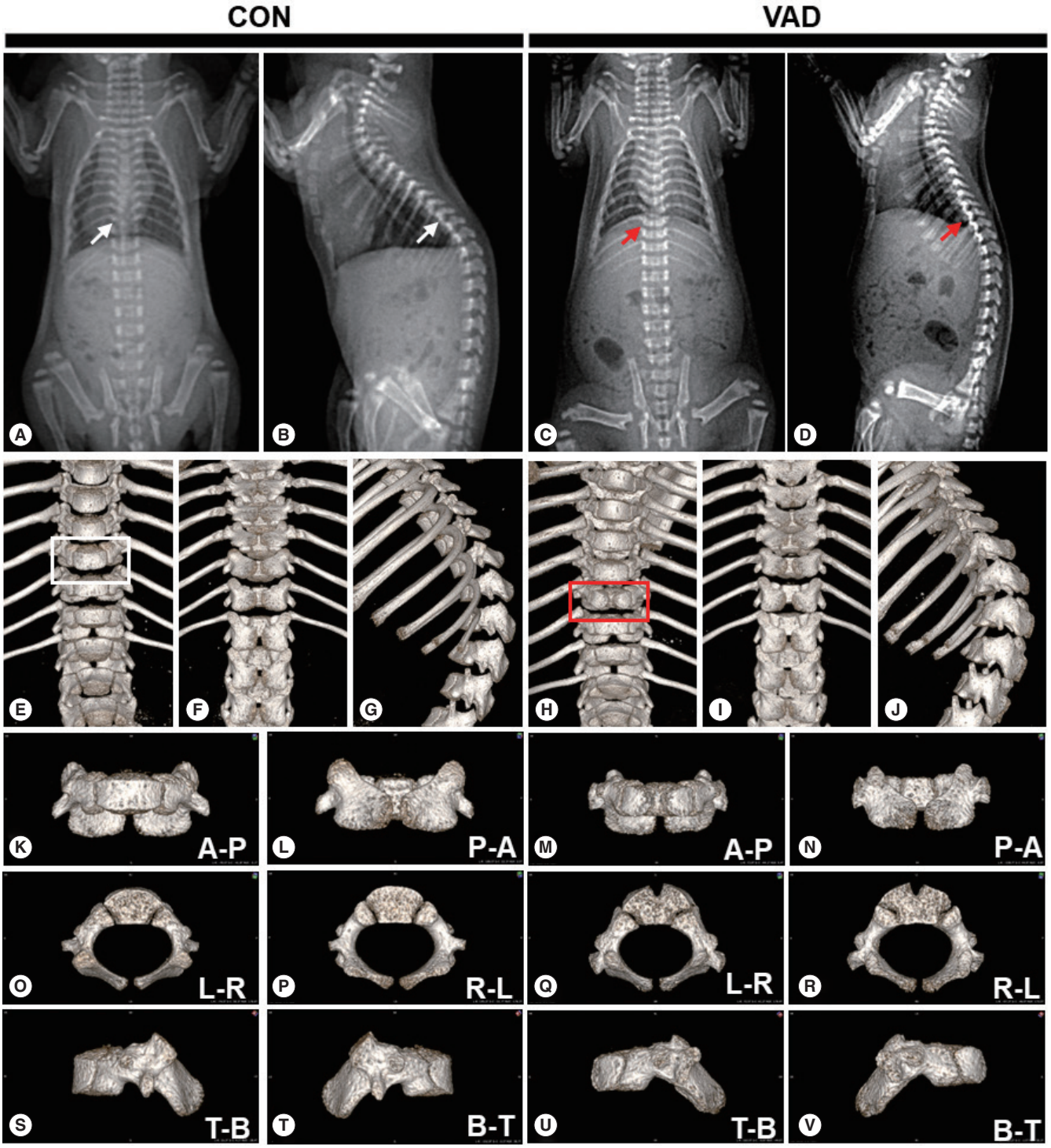

Supplementary Fig. 4. CVM is discovered in another VAD rat. (A–D) X-ray image of normal rat in CON group and CVM rat in VAD group. White arrow shows the location of normal T10 vertebrae in CON group, red arrow shows the location of T10 butterfly vertebra in VAD group. (E–J) Micro-computed tomography (CT) image of normal rat in CON group and CVM rat in VAD group. White box shows the location of normal T10 vertebrae in CON group, red box shows the location of T10 butterfly vertebra in VAD group. (K–V) Micro-CT image of T10 vertebrae in CON and VAD group. CON, control; VAD, vitamin A deficiency; CVM, congenital vertebral malformation; A-P, anteroposterior; P-A, posteroanterior; L-R: left to right; R-L, right to left; T-B, top to bottom; B-T, bottom to top.

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