Figure S1

Results from pathohistology demonstrating spinal cord malformations associated with VSD

[a – e] Serial sections through the spinal cord of calf S1037-11 (see also Tables S2 and S3); bars indicate the position of the sections within the vertebral column. [a1 – d1] overview sections. [a2] Hydromyelia in the cranial lumbar segment of the spinal cord. [b2] Hydro-syringomyelia in the cranial lumbar segment of the spinal cord. [c2] Hypo- and dysplasia of the middle lumbar segment of the spinal cord including missing ventral median fissure. [d2] Dysplasia of the caudal lumbar segment of the spinal cord including missing ventral median fissure. [e] Dysplasia of the sacral segment of the spinal cord including duplicated central canal. [f – g] Spinal cord sections of calf S1153-11 (see also Tables S2 and S3). [f1, g] Overview sections. [f2] Syringomyelia of the lumbar segment of the spinal cord. [f3] Syringomyelia of the lumbar segment of the spinal cord. [g] Diplomyelia of the sacral segment of the spinal cord. [h – i] Spinal cord sections of calf S1154-11 (see also Tables S2 and S3). [h1, i1] Overview sections. [h2] Hydro-syringomyelia of the lumbar segment of the spinal cord. [i2] Duplication of the central canal in the sacral segment of the spinal cord. Scale bars correspond to 50 μm (f3), 100 μm (b2, h2), 200 μm (d2, e), 500 μm (a2, c2, f3, i2) or 25 mm (a1, b1, c1, d1, f1, g, h1, i1), respectively.