Supplementary Figure 3. Heart anomalies in *Patz1*−/− newborn pups. (A) The caudal vessel (ascending aorta) exits from from the right ventricle instead of the left ventricle (asterisk), although the cranial vessel (pulmonary trunk) rightly exits from the right ventricle. (B) The vessel that exits from the right ventricle (blue arrow) ascends on the right, turns with a right-dorsal direction and descends still on the right. The vessel that exits from the left ventricle (red arrow) ascends on the middle and originates arteries directed to the brain without forming any aortic arch and descending aorta. Therefore, there is a clear transposition of the great vessels and severe defects of the cardiac out-flow tract.