

patient	cardiac phenotype
p323	UVH (right), hypoplastic LV, double outlet right ventricle, transposition of great arteries, mitral valve atresia, pulmonary valvar atresia
p326	UVH (left), double inlet left ventricle, L-TGA (type double discordance), muscular VSD, small ASD II, aortic coarctation (isthmus)
p329	UVH (left), tricuspid atresia, moderate perimembranous VSD
p337	UVH (left), VSD, tricuspid atresia
p338	UVH (left), tricuspid atresia, d-transposition of great arteries, ASD type 2, moderate midmuscular VSD, aortic coarctation, right-sided arteria lusoria
p339	UVH (left), tricuspid atresia, d-transposition of the great arteries, perimembraneus VSD, aneurysmatic dilatation of left arteria pulmonalis
p340	UVH (right), hypoplastic LV, critical mitral valvar stenosis, aortic valvar atresia, small muscular VSDs, spontaneously closed ASD
p341	UVH (right), hypoplastic LV, critical mitral valvar atresia, aortic valvar atresia, hypoplastic aortic arch
p342	UVH (right), hypoplastic LV, double inlet LV, transposition of great arteries, perimembraneus VSD, aortic coarctation and hypoplastic aortic arch
p343	LVOTO, hypoplastic aortic arch, critical aortic coarctation, right arteria lusoria, muscular outflow VSD
p344	LVOTO, critical aortic coarctation, mild hypoplastic aortic arch, mild mitral valvar stenosis, moderate LVH
p345	LVOTO, critical aortic coarctation, important LVH, asymmetric BAV, aortic valve stenosis, supra-valvular AS
p362	UVH (left), hypoplastic RV, pulmonary valvar atresia, intact ventricular septum, Ebstein malformation, coronary anomaly
p363	AVSD type A: large ASD type 1, BAV; hypoplastic distal aortic arch, critical aortic coarctation
p364	AVSD type Rastelli A: large ASD type 1, no VSD shunt
p365	AVSD type Rastelli A: ASD type 1 and ASD secundum; VSD 6 mm
p366	AVSD type Rastelli A: large ASD type 1, no VSD shunt
p367	AVSD type Rastelli A
p368	AVSD type Rastelli A: large ASD type 1, small inlet VSD 6 mm, left VCS via sinus coronarius to right atrium, sub AS
p369	UVH (right), right atrial isomerism, levocardia, left VCI, right VCS, double inlet & double outlet right ventricle, AVSD, d-transposition great arteries, mild pulmonic stenosis, total anomalous pulmonary venous return, supra-ventricular tachycardia
p370	AVSD type Rastelli A: large ASD type 1, small inlet VSD, mitral valvar insufficiency
p371	LVOTO, critical valvar aortic stenosis, BAV
p372	UVH (left), tricuspid valvar atresia, perimembranous VSD, small ASD type secundum
p434	UVH (left), dextroversion, double inlet left ventricle, VSD, pulmonary valvar atresia, non-compaction cardiomyopathy
p435	LVOTO, critical aortic valvar stenosis, VSD, hypoplastic pulmonary arteries

p436	AVSD type Rastelli A: mini inlet VSD, large ASD type 1, Wolf-Parkinson-White syndrome
p438	AVSD type Rastelli A: large ASD type 1, small inlet VSD
p439	AVSD type Rastelli C with monoatrium, double outlet right ventricle, pulmonic stenosis, left VCS to left atrium
p440	UVH (left), double inlet left ventricle, L-transposition great arteries (double discordance), interrupted aortic arch type 1, mild perimembraneus VSD
p441	UVH (left), pulmonary atresia, Ebstein malformation, partial anomalous pulmonary venous return
p442	AVSD type Rastelli A: ASD type 1, mitral valvar insufficiency
p443	UVH (right), dextroversion (situs solitus), L-TGA (double discordance), critical pulmonary valvar stenosis, critical mitral valvar stenosis, ASD type 2
p445	LVOTO, critical aortic coarctation, right arteria lusoria, subvalvular aortic stenosis, BAV
p446	UVH (right), double outlet right ventricle, mild VSD, subaortic stenosis, moderate mitral valvar stenosis
p507	UVH (left), tricuspid atresia, moderate VSD, severe infundibular pulmonic stenosis, left VCS via sinus coronarius to RA, Supra-Ventriculaire extrasystole
p509	UVH (left), double inlet left ventricle, transposition great arteries, interrupted aortic arch, ASD type 2, VSD, left VCS via sinus coronarius to RA
p510	UVH (left), tricuspid atresia, perimembraneus VSD, mild pulmonic infundibular and valvular stenosis, left VCS via sinus coronarius to RA, ASD type 2
p511	UVH (left), left VCS via sinus coronarius to RA, mini vena anonyma, double inlet left ventricle, Ebstein malformation, large ASD type 2, VSD, L-TGA (double discordance), critical pulmonic stenosis
p512	UVH (left), tricuspid atresia, large perimembraneus VSD
p513	UVH (left), d-transposition of the great arteries, pulmonic stenosis, perimembraneus and multiple large muscular VSDs
p515	UVH (right), mitral valvar atresia, moderate VSD, double outlet right ventricle, left subvalvular aortic stenosis, aortic coarctation, ASD, cor triatriatum
p516	UVH (left), critical tricuspid valvar stenosis, pulmonary valvar atresia
p517	UVH (right), mitral valvar atresia, hypoplastic LV, left VSD, d-transposition of great arteries, pulmonary valvar atresia
p518	UVH (left), double inlet left ventricle, severe valvular and infundibular pulmonic stenosis, mini left VCS via sinus coronarius to RA; mild non-compaction LV
p891	UVH (left), double inlet left ventricle, critical stenosis of left AV valve, side by side malposition of the great arteries (aortic valve right - pulmonic valve left), subvalvular aortic stenosis, VSD (inlet - outlet), aortic coarctation, hypoplastic aortic arch
p894	UVH (left), double inlet left ventricle, ASD type 2, VSD, d-transposition of great arteries, pulmonary valvar stenosis

Supplementary table 1. Full description of the cardiac phenotype of sporadic cases with non-syndromic heart defects. Abbreviations: ASD: atrial septal defect, AV: atrioventricular, BAV: bicuspid aortic valve, LV: left ventricle, LVOTO: left ventricle outflow tract obstruction, RA: right atrium, UVH: univentricular heart, VCS: superior caval vein, VSD: ventricular septal defect.