

Endocardial cells	E9.5 N=3	E10.5 N=6	E11.5 N=3-6	E12.5 N=3	E14.5 N=3	E16.5 N=3
Aortic Sac	M (2/3)	M	M	N/A	N/A	N/A
Truncal region	M	M	M	N/A	N/A	N/A
Common atrium	U (2/3)	N/A	N/A	N/A	N/A	N/A
Dorsal Atrium	N/A	O	O	Increasing activity	M	M
Ventral Atrium	N/A	O	O	O	N/A	N/A
Ventricles	M	M	M	M	M	M
IVS	N/A	N/A	O	O	M	M
Sinus venosus horns	U (2/3)	U	U	U	N/A	N/A
Inflow valves	N/A	N/A	U (5/6)	U (2/2)	M	M
Atrial septum	N/A	U	U	M	M	M
Superior / Inferior cushions	M	M	M	M	N/A	N/A
Lateral cushions	N/A	N/A	O	O	N/A	N/A
AV valves	N/A	N/A	N/A	M	P (atrial side)	P (atrial side)
Proximal OFT	N/A	M	M	N/A	N/A	N/A
Distal OFT	N/A	M	M	N/A	N/A	N/A
Pulmonary valve	N/A	N/A	M	M	M	M
Aortic valve	N/A	N/A	M	M	M	M

Non-endocardial cells	E9.5 N=3	E10.5 N=6	E11.5 N=3-6	E12.5 N=3	E14.5 N=3	E16.5 N=3
AV myocardium	M	M	M	M	M	N/A
Bulbo-Ventricular myocardium	U	ND	ND	N/A	N/A	N/A
Cushion mesenchyme	N/A	O	O	ND	ND	ND
OFT mesenchyme	N/A	ND	ND	ND	N/A	N/A
Epicardium	N/A	M	M	M	M	M