

Table S1: Donor characteristics

	Sex	Age	Ethnicity	Cause of death	Risk factors
AFCA167	M	35	Hisp	Drug intoxication	Hypertension, obesity, and sleep apnea
ADFW117	M	27	Cau	Cardiac arrest S/P drug overdose	Substance abuse
AFKK448	M	48	Hisp	MVA/blunt injury	
AFKX124	M	17	Cau	Natural causes	Brainstem glioma
AFBU040	M	48	AA	Intracerebral hemorrhage	Seizure, ESRD on Dialysis, Peritonitis, Smoker, CHF, GERD and AV Graft

Hispanic; Cau: Caucasian; AA: African American; S/P: status post; OD: overdose; MVA: motor vehicle accident; ESRD: end-stage renal disease; CHF: congestive heart failure; GERD: gastroesophageal reflux disease; AV: arteriovenous.

Table S2: List of primers

Primer		Forward	Reverse
Atrial-related genes	KCNA5	TAAGGAAGAGCAGGGCACTCA	TCGGGCACTGTCTGCATTCT
	CX40	GAGAACACAGACAGGCAGAGG	ACAGATGCCAAAACCTTTCGTCTCC
	SLN	CTTGGTGTGCCCTCAGAAAT	TCAGTCAATCCCAGGACCAT
	Kir3.1	GGACGGAAAACCTCACGCTTA	TCAAGTTGGTCAAGGGGAAG
	MLC2a	GGAGTTCAAAGAAGCCTTCAGC	TCCTCTGGGACACTCACCTT
	COUP-TFI	TGCCTCAAAGCCATCGTGCTGT	CAGCAGCAGTTTGCCAAAACGG
	COUP-TFII	TGCACGTTGACTCAGCCGAGTA	AAGCACACTGAGACTTTTCCTGC
	N2BA	ATCAAAGGACACTTCACACTC	CAGCAGAACTCAGAATCGA
Ventricular-related genes	MYH7	CTCCTCATTCAAGCCCTTCGT	ACCTGTCCAAGTTCCGCAAG
	PLN	AGCTGCCAAGGCTACCTAAA	CAGCAGGACAGGAAGTCTGA
	MLC2v	TTGGGCGAGTGAACGTGAAA	AATGGTTTCCTCAGGGTCCG
	IRX4	CGCCTTCTACTCGCTGAACA	AGAGCTGGCTCGTAAGGGTA
	HEY2	TTTGAAGATGCTTCAGGCAA	GGCACTCTCGGAATCCTATG
	N2B	CCAATGAGTATGGCAGTGTCA	TACGTTCCGGAAGTAATTTGC
	S100A1	CTCATCAACGTGTTCCACGC	CATCCTTCTGGGCATCCAGG
	TNNT2	CATTCTCACCCCTTGCCCGTG	CCACCTCATATTTCTGCTGCTTG
	GAPDH	AATCCCATCACCATCTTCCAG	AAATGAGCCCCAGCCTTC