

Supplementary table 1. Number of parents of cases and controls stratified on diagnosis group.

		SIDS	SADS	CAD	Myocarditis	Cardiomyopathies	TAD	Congenital Malformation	Total	
cases	N	234	167	163	71	137	53	78	903	
	info on father	no	27 (11.5%)	8 (4.8%)	16 (9.8%)	3 (4.2%)	4 (2.9%)	2 (3.8%)	4 (5.1%)	64 (7.1%)
		yes	207 (88.5%)	159 (95.2%)	147 (90.2%)	68 (95.8%)	133 (97.1%)	51 (96.2%)	74 (94.9%)	839 (92.9%)
	info on mother	no	0 (0%)	5 (3%)	11 (6.7%)	3 (4.2%)	2 (1.5%)	0 (0%)	4 (5.1%)	25 (2.8%)
		yes	234 (100%)	162 (97%)	152 (93.3%)	68 (95.8%)	135 (98.5%)	53 (100%)	74 (94.9%)	878 (97.2%)
	controls	N	1168	835	815	355	685	265	390	4513
info on father		no	8 (0.7%)	76 (9.1%)	77 (9.4%)	22 (6.2%)	51 (7.4%)	23 (8.7%)	29 (7.4%)	286 (6.3%)
		yes	1160 (99.3%)	759 (90.9%)	738 (90.6%)	333 (93.8%)	634 (92.6%)	242 (91.3%)	361 (92.6%)	4227 (93.7%)
info on mother		no	0 (0%)	63 (7.5%)	65 (8%)	14 (3.9%)	40 (5.8%)	21 (7.9%)	26 (6.7%)	229 (5.1%)
		yes	1168 (100%)	772 (92.5%)	750 (92%)	341 (96.1%)	645 (94.2%)	244 (92.1%)	364 (93.3%)	4284 (94.9%)

SIDS = Sudden Infant Death Syndrome, SADS = Sudden Arrhythmic Death Syndrome, CAD = Coronary Artery Disease, TAD = Thoracic Aortic Dissection.

Supplementary table 2. Number of individuals born in Sweden and abroad included in the SUDDY cohort.

	Case (%)	Control (%)	Total (%)
N	903	4513	5416
Born in Sweden or abroad			
Abroad	64 (7.1)	435 (9.6)	499 (9.2)
In Sweden, both parents born abroad	59 (6.5)	300 (6.6)	359 (6.6)
In Sweden, one parent born in Sweden and one abroad	81 (9)	404 (9)	485 (9)
In Sweden, both parents born in Sweden	699 (77.4)	3374 (74.8)	4073 (75.2)
Missing	0	0	0